

# 2012 GEOCHEMICAL REPORT ON THE FACE PROPERTY

(Work Performed: June 21 – July 29, 2012)

| <u>Grant Numbers</u> |            | <u>Claim Names</u> |     |   |     |
|----------------------|------------|--------------------|-----|---|-----|
| YD58457              | - YD58461  | Eye                | 1   | - | 4   |
| YD102505             | - YD102598 | Face               | 1   | - | 94  |
| YF23201              | - YF23280  | Hood               | 1   | - | 80  |
| YF23181              | - YF23200  | Hood               | 81  | - | 100 |
| YD92141              | - YD92160  | Hood               | 101 | - | 120 |
| YD92121              | - YD92140  | Hood               | 121 | - | 140 |
| YD92161              | - YD92176  | Hood               | 141 | - | 156 |
| YF23087              | - YF23098  | Hood               | 157 | - | 168 |
| YD92113              | - YD92120  | Hood               | 169 | - | 176 |
| YF39501              | - YF39931  | Hat                | 1   | - | 431 |

DAWSON MINING DISTRICT, YUKON TERRITORY  
NTS: 116C/10, 15, 16

Latitude 64° 47' N  
Longitude 140° 40' W

Owner & Operator:  
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February 20, 2013

*Face Property*

## SUMMARY

The Face property is located approximately 90 kilometers northwest of Dawson City, Yukon and less than eight kilometers east of Eagle, Alaska. The Face property consists of 705 unsurveyed contiguous two-post Yukon 'Quartz' (mineral) claims, covering an area of approximately 14,750 hectares (36,450 acres) in four separate contiguous claim groups staked between April 2010 and April 2012. The property is owned 100% by Rackla Metals Inc.

The claims were staked to cover stream drainages geochemically anomalous in gold, silver, and a number of base metals and gold pathfinder elements, identified by the Geological Survey of Canada, plus prospective lithologies and regional fault structures. Together this geological environment is thought to be analogous to the informally named Rackla Gold Belt located approximately 300 km to the east.

Access to the property can be gained by helicopter based out of Dawson City. The nearest road is in Eagle, Alaska and the nearest road in Canada is located at Clinton Creek approximately 25 kilometers to the south which is passable by 2WD vehicles during the summer months.

Underlying the property area is a package of sedimentary rocks ranging in age from Upper Proterozoic to Mississippian dominated by siliclastics but also includes lesser amounts of limestone, dolostone and mafic volcanics. This rock package is cut and locally offset, by regional thrust faults, generally trending easterly and faults of unknown type. The thrust faults are interpreted to be extensions and or offsets of the Dawson Thrust Fault; a bounding fault to the Rackla Gold Belt located approximately 300 km to the east. These faults juxtapose units and could provide fluid conduits for a possible hydrothermal system(s) as indicated by the geochemically anomalous soil samples at Camp 4. Here, fifteen soil samples collected on two north trending ridges up to 500 m apart, over a north – south distance of up to a kilometer, contained between 5,000 to 69,000 ppb silver along with anomalous +/- Au+/-Cu+/-Zn+/-Mo+/-Ni+/-As+/-Hg and or TI values.

Results from Rackla's 2012 geochemical sampling program on the Face property indentified a number of multi-element anomalies in soil (including Au, Ag, Cu, Pb, Zn, Mo, Ni, As, Sb, Hg and or TI). Three areas, each kilometers in scale, referred to as Camp 1, Camp 4 and Camp 5, are targets worthy of follow-up with Camp 4 area being the priority.

No mineralization was found in 2012 but based on the geochemical results and geological setting a number of deposit types are possible including base metal stratiform, precious and base metal replacement and vein – fault type deposits.

Additional rock, soil and stream sediment geochemical surveys, along with geological mapping, prospecting and an airborne magnetic and radiometric survey are recommended to both better define the existing anomalies and to explore the surrounding areas not surveyed in 2012. All of the above work should be directed towards defining precious and base metal targets for trenching and diamond drilling.

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## **1.0 INTRODUCTION**

The purpose of this report on the Face property, comprised of the contiguous Eye, Face, Hood and Hat claim groups (totaling 705 claims), is to describe the 2012 work program and to fulfill Yukon assessment requirements on the Hood 1-176 and Hat 1-431 claims.

Work in July 2012 consisted of reconnaissance rock, stream sediment and soil sampling. Based on the results of the work completed in 2011 on the Face claims (Hulstein, 2011) and an examination of the publicly available geosciences data, an additional 176 claims (Hood 1 – 176) were staked in September 2011 and another 431 claims (Hat 1 – 431) in April 2012.

The report also describes the location, access, history and geological setting of the Face property and outlines a proposed exploration program to further explore the property for gold-silver and base metals.

### **1.1 Location and Access**

The center of the Face property is located approximately 90 kilometers northwest of Dawson City, Yukon and 8 kilometers east of Eagle, Alaska. The claims are located in the Dawson Mining District and cover a portion of the high ground north of the Yukon River to the easterly flowing Eagle Creek and a portion of the ridge south of what is presumably the south fork of the Tatonduk River. The combined Eye, Face, Hood and Hat claims, collectively known as the Face Property, are located on NTS map sheets 116C/10, 116C/15 and 115C/16 (Figure 1).

Access to the property can be gained by helicopter based out of Dawson City. The nearest road is in Eagle, Alaska and the nearest road in Canada is the road to Clinton Creek, approximately 25 kilometers to the south. The Clinton Creek Road is passable by 2WD vehicles during the summer months. The Clinton Creek Road is posted and turns north off the Top of the World Highway (Hwy 11) at approximately kilometer 65.

Scheduled plane service can be gained in Dawson City to Whitehorse, where there is daily jet airplane service to Vancouver, British Columbia and other points south.



Face, Yukon Territory

### Location

Scale: 1:5,000,000

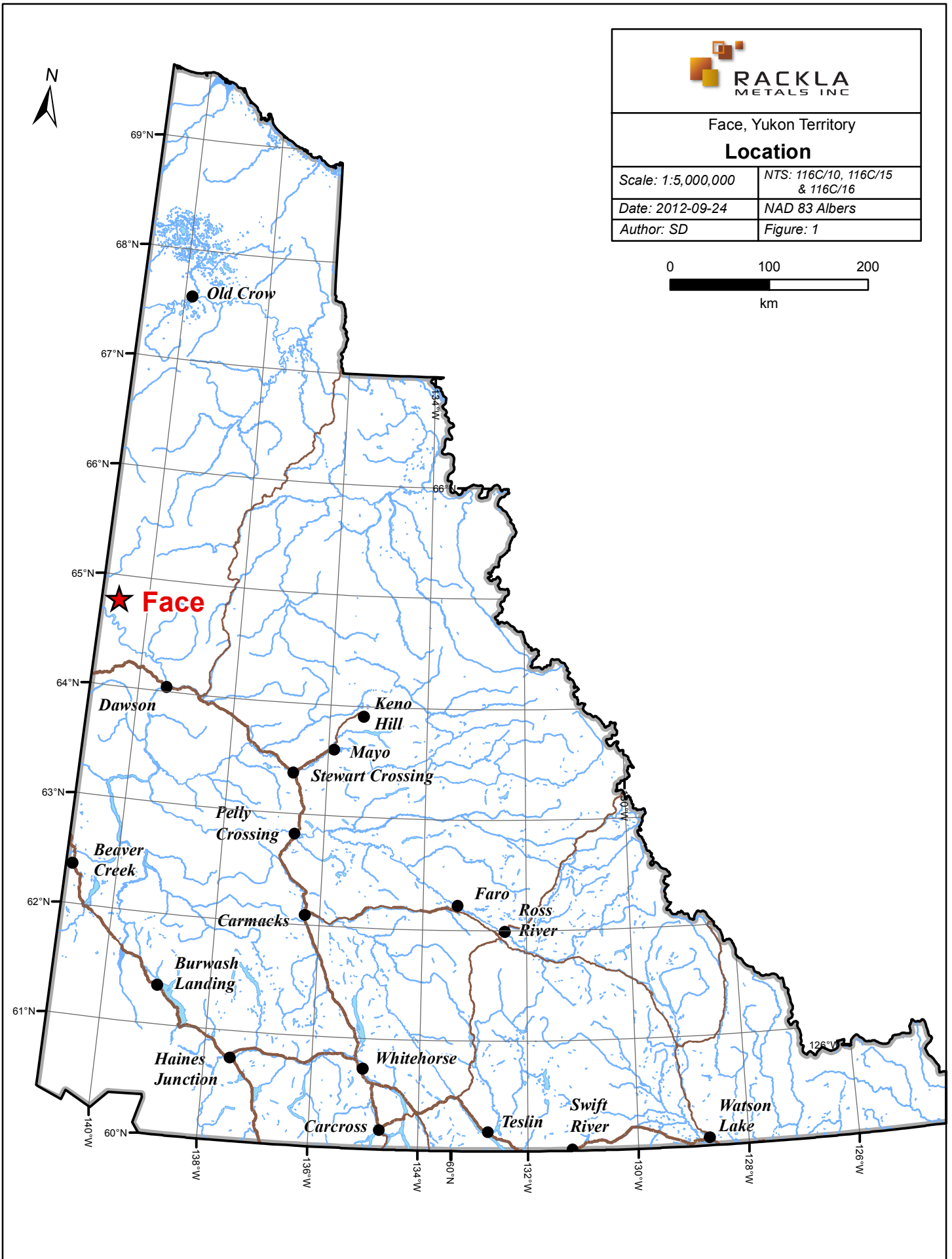
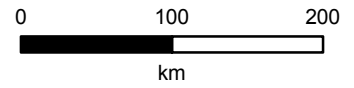
NTS: 116C/10, 116C/15  
& 116C/16

Date: 2012-09-24

NAD 83 Albers

Author: SD

Figure: 1



## 1.2 Topography, Vegetation and Climate

Topography in the region is typical of an incised peneplain with steep hillsides and rounded crests. The area was beyond the limits of the last two continental glacial events and minor evidence of glaciations in the region is a result of localized alpine glaciers. Alluvium in the valleys is mostly locally derived. Hillsides are covered with a veneer of colluvium also locally derived. Elevation ranges from a low of 300 meters in the Eagle Creek valley to approximately 1280 meters on nearby ridges. Permafrost is a consideration in vegetated valley bottoms and on all northerly facing slopes. On the hillsides and ridge spurs, particularly northerly facing slopes and poorly drained areas, permafrost (often as frozen black muck) is a serious hindrance to exploration.

Aside from some overgrown bulldozer tracks in Eagle Creek, along what is presumably the south fork of the Tatonduk River and the ridge to the south, there is no evidence of roads, trails, trenches, test pits, etc., on the property.

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

Vegetation in the valley bottoms consists of alder, dwarf birch, balsam fir, white and black spruce. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush' (alder), dwarf willow and moss. Hillsides and ridges are covered with pine, spruce, birch and poplar on well drained slopes and stunted black spruce in areas of permafrost. Treeline is at approximately 1,200 feet. Vegetation is generally more abundant on east and south facing slopes and much of the vegetation has been burnt in a recent forest fire

Climate is characterized by low precipitation and a wide temperature range. Winters are cold and temperatures of  $-30^{\circ}\text{C}$  to  $-45^{\circ}\text{C}$  are common. Summers are moderately cool with daily highs of  $10^{\circ}\text{C}$  to  $25^{\circ}\text{C}$ . Thunders showers are a common occurrence. Smoke from forest fires can be thick at certain times. The seasonal window for prospecting is from June to mid September.

### 1.3 History

The area has presumably been explored for its placer gold potential since the late 1800's as the property is located north of the historic Fortymile placer district, and the west side of the property is within 8 kilometers of Eagle, Alaska. The Yukon River, historically an important transportation route, is located less than 12 kilometers from the property at its closest. However no evidence of placer workings was seen on the property in 2011 or 2012.

Along with the possible placer activity, lode prospecting of the district likely occurred during the same time period. Two Minfile occurrences, grouped under one description, Minfile 116C 149, are classified as unknown (Yukon MINFILE, 2011). Previous work consists of the staking of quartz claims by Dawson Eldorado Gold Exploration Ltd. with no further work being recorded.

The Face claim block fully surrounds 4 claims, Eye 1-4, staked in 2010 by Tarsis Resources Ltd. The Eye 1-4 claims and four other properties in the area constituted Tarsis's Dawson Gold project, where Tarsis "is exploring for carbonate hosted gold occurrences that are blind to surface, similar to that discovered by ATAC Resources Ltd. at its Rau project" (Tarsis Resources Ltd., 2011). In the same news release the company states, "The Company plans to carry out additional soil sampling and prospecting at its Dawson Gold project during 2011. Initial results from 2010 were generally below the Company's expectations; however, post-season review of trace element geochemistry has provided further insight and direction for future exploration." In June, 2011 Rackla Metals Inc. bought a one hundred percent (100%) interest in the Eye claims.

Radius staked the Face 1-94 claims in September 2010 as a priority target after tracing the Dawson Thrust west from the Rau and Osisris gold discoveries where mineralization is hosted in limestones in close proximity to the Dawson Thrust Fault (Yukon Geology Survey, 2011). And further staked the adjoining Hood 1-176 claims in September 2011 following receipt of the encouraging geochemical results that are described in this report. In April 2012 following additional research utilizing publicly available data Rackla Metals staked an additional 431 claims, the Hood 1-431.



## 1.4 2011 Work Program

The 2012 geochemical exploration program was carried out by Bros Exploration Ltd. A three person field crew ably directed by Crew Chief Louis Bissonnette (Photo 1) accompanied Rackla employee Timothy Wrighton, geologist in training, was mobilized from Whitehorse on June 20<sup>th</sup>, 2012 and returned to Whitehorse on July 30<sup>th</sup>, 2012. The crew flew by helicopter to the Face property from a staging area on the Clinton Creek Road and set up camp. Exploration on the property commenced on June 21<sup>st</sup> 2012 and was completed on July 29<sup>th</sup>, 2012. Work consisted of rock, soil and stream sediment sampling for geochemical analysis plus some prospecting and reconnaissance geological mapping. Soil sampling consisted mostly of sampling ridges and spurs with a nominal spacing of 100 m between samples. Work was carried out from six separate helicopter supported camps established on ridges. Camp was moved by helicopter every 4 to 7 days.

Following receipt of encouraging geochemical results Radius in 2011 contracted Casselman Geological Services Ltd. to stake the Hood 1-176 claims in September 2011. Most of the Hood claims were staked south of the Face claims to cover the headwaters of creeks that had anomalous geochemical values in stream sediment samples. An additional 431 (Hat) claims were staked by Bros Exploration Ltd on behalf of Rackla Metals in April 2012. These claims cover anomalous stream sediment geochemical sample sites reported in the Geological Survey of Canada regional geochemical survey and prospective Earn and Road River Group rocks cut by faults.

Hand-held GPS receivers (Garmin GPSmap 60CSx) were used to plot locations of rock, stream sediment and soil samples, claim posts and other features (approximate +/-5 m accuracy). Soil samples were shipped to Acme Analytical Laboratories (Vancouver) Ltd. preparation laboratory in Dawson City or Whitehorse and prepared pulps were analyzed for gold and 52 other elements in their Vancouver laboratory.



Photo 1. Exploration crew 2012. L-R; Guillaume Pedneault, Samuel Lemay, Timothy Wrighton, Louis Bissonnette and Fireweed Helicopter pilot, Will Thompson.

## 1.5 Claim Status

The Face property, consisting of 705 unsurveyed contiguous two-post Yukon 'Quartz' claims, covers an area of approximately 14,750 hectares (36,450 acres) (Figure 2). The claims were staked according to the *Quartz Mining Act (Yukon)* and are located in the Dawson Mining District. They are shown on claim sheet 116C/10, 116C/15, and 116C/16 and are available for viewing at the Dawson Mining Records Office. The claims listed below (Table 1) are registered in the name of Rackla Metals Inc. and are owned one hundred percent (100%) by the company.

The Eye claims were staked in April 2010, Face 1-94 were staked in September 2010, the Hood 1-176 in September 2011 and the Hat 1-431 in April 2012.

**Table 1. List of Claims**

| Grant    | Number | Claim    | Name | Number of Claims | NTS Map Number | Claim Expiry Date |                  |
|----------|--------|----------|------|------------------|----------------|-------------------|------------------|
| YD58457  | -      | YD58460  | Eye  | 1 - 4            | 4              | 116C15            | April 21, 2016   |
| YD102505 | -      | YD102598 | Face | 1 - 94           | 94             | 116C15            | March 27, 2016   |
| YF23201  | -      | YF23280  | Hood | 1 - 80           | 80             | 116C15, 116C10    | Sept 12, 2013 *  |
| YF23181  | -      | YF23200  | Hood | 81 - 100         | 20             | 116C15, 116C10    | Sept 12, 2013 *  |
| YD92141  | -      | YD92160  | Hood | 101 - 120        | 20             | 116C15, 116C10    | Sept 12, 2013 *  |
| YD92121  | -      | YD92140  | Hood | 121 - 140        | 20             | 116C15, 116C10    | Sept 12, 2013 *  |
| YD92161  | -      | YD92176  | Hood | 141 - 156        | 16             | 116C15, 116C10    | Sept 12, 2013 *  |
| YF23087  | -      | YF23098  | Hood | 157 - 168        | 12             | 116C15, 116C10    | Sept 12, 2013 *  |
| YD92113  | -      | YD92120  | Hood | 169 - 176        | 8              | 116C15            | Sept 12, 2013 *  |
| YF39501  | -      | YF39931  | Hat  | 1 - 431          | <u>431</u>     | 116C15, 116C16    | April 10, 2014 * |
| Total    |        |          |      |                  | 705            |                   |                  |

\*Subject to acceptance of this report.

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

## 2.0 REGIONAL GEOLOGY AND MINERALIZATION

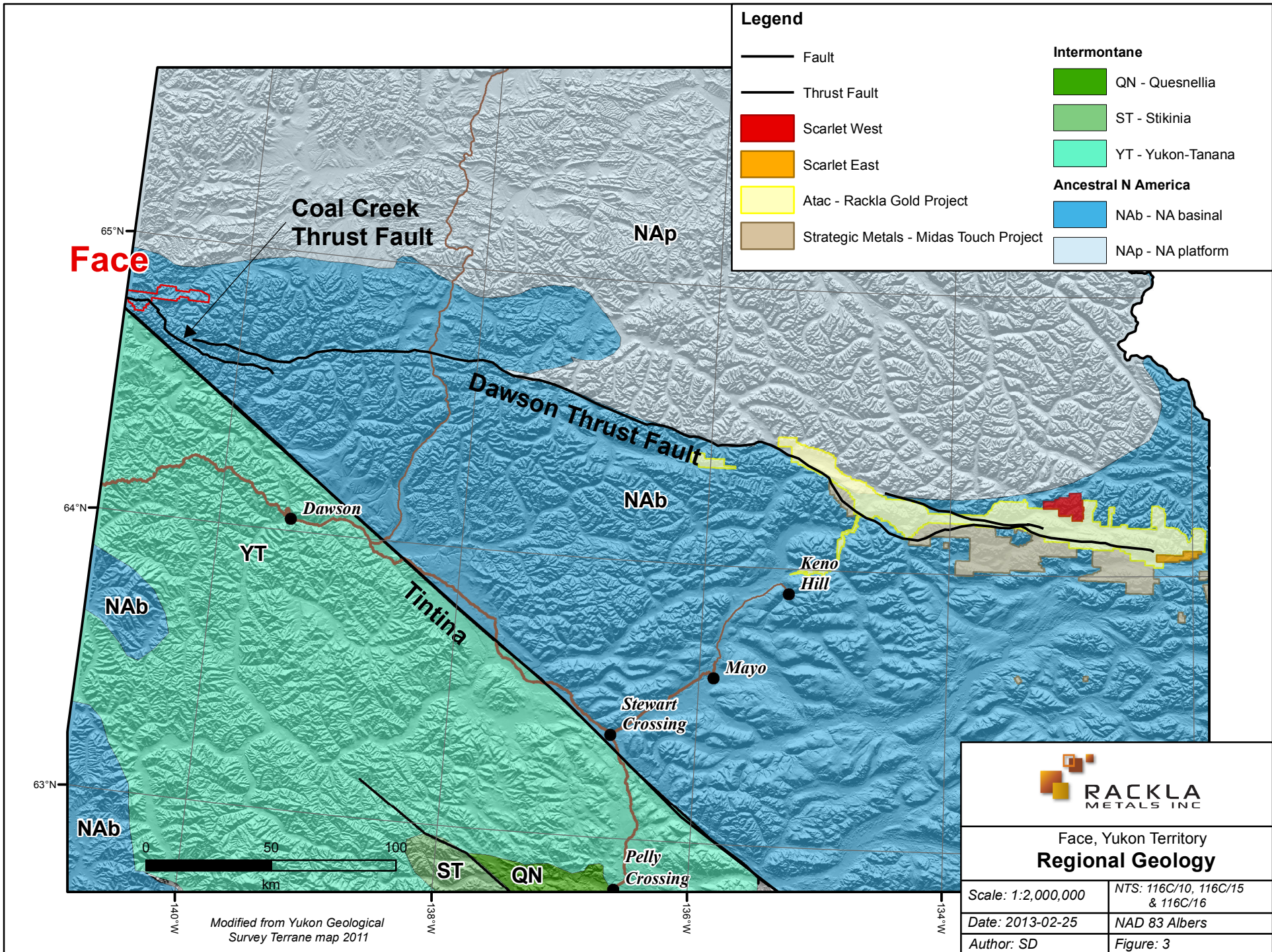
The Face property lies on the north side of the Tintina Fault and is underlain by ancestral North American platformal rocks and rocks units of the Selwyn Basin (Yukon Geology Survey, 2011) (Figure 3). These two terranes are in fault contact and this fault contact is part of, or an extension of, the Dawson Thrust Fault that extends easterly across the Yukon. This thrust fault marks the southern boundary of the informally named Rackla Gold Belt, located approximately 300 km to the east, northeast of Mayo, where a number of sediment hosted gold deposits (Rau and Osiris) and occurrences have recently been discovered. In the vicinity of the Face property the trace of the Dawson Thrust is less distinct and appears to branch with the Coal Creek and other faults representing a continuation of the Dawson Thrust.

The oldest rocks on the property are Hyland Group Upper Proterozoic deep water clastics of the Selwyn Basin deposited west of ancestral North America. Similarly Upper Proterozoic platformal shallow water limestone units and younger Upper Cambrian to Upper Devonian volcanic, volcanoclastic, clastic and limestone rocks were deposited on the western margin of ancestral North America. All these rocks are assumed to have been part of a west to southwest facing marine passive margin.

The northwest striking Tintina Fault lies approximately four kilometers southwest of the property at the western end of the property and is a major physiographic and geologic feature of the Yukon. It is a dextral strike-slip fault with about 430 km of Paleogene displacement (Yukon Geology Survey, 2011). In the area of the Face property it separates rocks of Ancestral North America affinity to the northeast from those of the allochthonous Yukon – Tanana and Slide Mountain Terranes to the southwest. The more recent movement along the Tintina Fault may have displaced and reactivated the Dawson Thrust in the Face property area thereby complicating the local structural story.

Cretaceous and younger plutonic suites intruding the Ancestral North America rocks represent a succession of continental magmatic arcs and related back arc environments that record the convergence of various terranes. Although these igneous rocks have not been mapped in the area of the Face claims they have proved to be associated with gold, silver and base metal deposits and occurrences about 60 km to the southeast.

The nearest significant mineralization is located approximately 18 km to the southeast of the Face property at the Shell Creek property, currently held by Logan Resources Ltd. It covers Yukon MINFILE occurrence 116C 029 (Yukon MINFILE, 2011) and a coincident prominent gravity and magnetic high and Late Precambrian to Early Cambrian clastic, carbonate and volcanoclastic rocks, stratigraphy similar to that found on the southwest side of the Face property. On the Shell Creek property a banded iron formation found within this package of rocks appears to be the locus of anomalous gold, copper, nickel, cobalt, lead and zinc geochemistry (Logan Resources Ltd., 2011).



Prospecting identified gold in quartz – carbonate veins, possibly saddle reef – type, in the hanging wall of the iron formation (Yukon MINFILE, 2011).

In addition to the nearby Shell Creek banded iron formation occurrence other mineral deposit types that might be expected to occur in the above setting includes precious and base metal replacement type deposits, sediment hosted gold deposits, Mississippi Valley type deposits, other base metal deposits and vein – fault type mineralization.

### 3.0 PROPERTY GEOLOGY

The Face property has not been geologically mapped by Radius Gold. The property geology map, Figure 4, is derived from Yukon Geological Survey sources (Yukon Geology Survey, 2011). The regional geology was compiled by the GSC in 1995 (Thompson, 1995) from earlier sources. The earliest mapping was by the GSC in 1911 and 1912 (Cairns, 1915) as part of the Yukon – Alaska International Boundary survey. This mapping included only the easternmost side of the Face property but does show a small mafic intrusive body on the north side of Eagle Creek that is not shown on the current geology map or Thompson’s compilation map (Thompson, 1995).

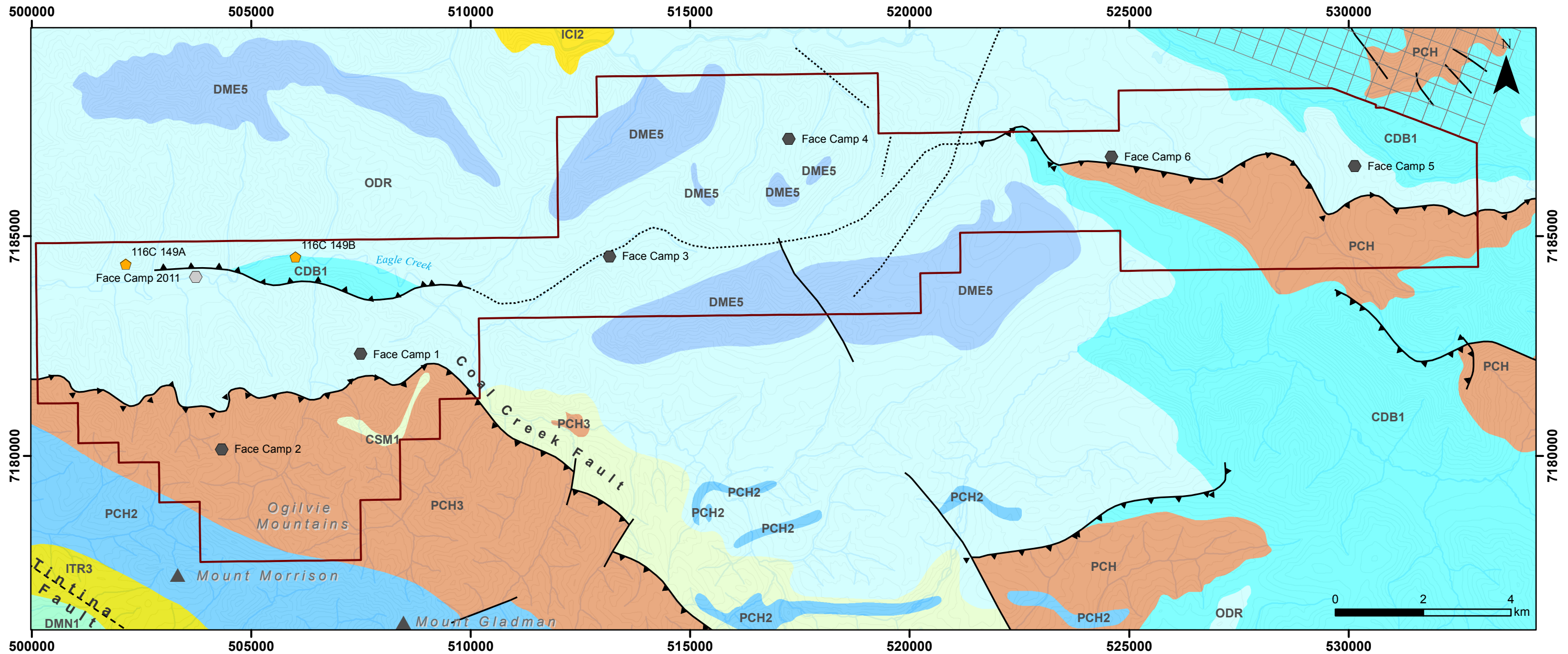
According to Yukon Geological Survey (2011) the oldest unit underlying the Face property is Upper Proterozoic to Lower Cambrian Hyland Group siliclastics and minor limestone units. These rocks are predominantly maroon, green and grey slate - argillite, chert, siltstone and conglomerate (Figure 4, unit PCH3). The Hyland Group is in thrust fault contact with the Road River and Marmot Formation rocks to the north. A small unit of Marmot Formation Upper Cambrian to Silurian and Ordovician basalt, tuff and breccia is in conformable contact with Hyland Group rocks on the south east side of the Hood claims.

The mafic intrusive body mapped by Cairn’s (1915) is located on the northwest corner of the Face claims in the vicinity of the western plotted Minfile Occurrence 116C 149 and is likely part of the Marmot Formation.

Most of the Face property is underlain by Ordovician to Lower Devonian Road River Group rocks comprised of cherts, siltstone, limestone and conglomerate rocks (Figure 4, unit ODR). Upper Cambrian to Lower Devonian Bouvette Formation comprised of dolostone, shale, limestone, and conglomerate rocks (Figure 4, unit CDB1) are also found on the property. At both the east and west ends of the property this unit is in fault contact to the south with younger Ordovician – Devonian shales, correlated with the Road River Group.

Rocks underlying the Hood claims at the west end of the property consist dominantly of Upper Proterozoic to Lower Cambrian Hyland Group Units generally trend northwest, approximately parallel to the Tintina Fault, the general trend of rocks in west Yukon. The Coal Creek Thrust Fault trends easterly on the Face property and may be related to the parallel Dawson Thrust, found approximately 15 km to the east that extends across the Yukon and forms a boundary fault to the informally named Rackla Gold Belt.

In 2012 a number of faults were interpreted to cut the Earn and Road River Group rocks in the central portion of the property. They may represent part of the Dawson Thrust Fault system, perhaps a more northerly strand offset from the Coal Creek Fault found to the south. These interpreted faults locally form gossans underlain by cataclastic rocks and perhaps significantly are found in the area of Camp 4 near the area of anomalous silver and gold in soil.



**Regional Geology**

**LOWER TERTIARY, MOSTLY(?) EOCENE**

ITR3: ROSS: shale, claystone, siltstone, sandstone, conglomerate, coal

**DEVONIAN, MISSISSIPPIAN AND(?) OLDER**

DMN1: NASINA: quartzite, schist

**DEVONIAN AND MISSISSIPPIAN**

DME5: EARN: mudstone, shale, sandstone, conglomerate

**ORDOVICIAN TO LOWER DEVONIAN**

ODR: ROAD RIVER - SELWYN: shale, chert, siltstone, limestone, conglomerate

**UPPER CAMBRIAN TO LOWER DEVONIAN**

CDB1: BOUVETTE: dolostone, limestone, conglomerate, shale

**CAMBRIAN TO SILURIAN**

CSM1: MARMOT: basalt, tuff, breccia

**LOWER AND MIDDLE CAMBRIAN**

ImCS2: SLATS CREEK: argillite, quartzite, siltstone, shale, conglomerate

**LOWER CAMBRIAN**

ICI2: ILTYD: limestone, conglomerate-breccia, chert

**UPPER PROTEROZOIC TO LOWER CAMBRIAN**

PCH: HYLAND: turbidite, limestone, shale, mafic volcanic

PCH2: HYLAND: limestone

PCH3: HYLAND: slate, chert, siltstone, sandstone, conglomerate

..... Faults, interpreted, 2012

— Fault, defined, movement undefined

— Fault, defined, normal/reverse

▲ Fault, defined, thrust, upright

- - - Fault, assumed, dextral

□ Face Property Boundary

□ Claims Held By Others

◆ Yukon Minfile

**Face Camp Locations**

○ 2011

● 2012



**Face, Yukon Territory  
Property Geology**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-25 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 4                       |



### **3.1 Alteration and Mineralization**

There is no known mineralization on the property. The Yukon Minfile Occurrence, number 116C 149 – Thompson, is plotted at two locations about 3.5 kilometers apart on or near Eagle Creek. The Minfile description is short; claims were staked at both locations by Mr. Ken Thompson on behalf of Dawson Eldorado Gold Exploration Limited. Both claim groups covered a thrust fault that separates the Upper Cambrian to Lower Devonian Bouvette rocks to the north from the Ordovician to Lower Devonian Road River limestone and older volcanic and clastic sedimentary rocks to the south (Yukon MINFILE, 2011).

Prospecting in 2011 noted that the creek partly covered by the Eye claims has a reddish orange color anomaly. This color persists to the south, beyond the Eye claims, onto the Face and Hood claims. Eagle Creek on the east side of the Face claims as well as the two smaller creeks west of the Eye claims also had anomalous looking iron oxide coloration. The cause of this reddish – orange coloration remains unexplained. In 2012 gossans and gossanous soil were also noted in the vicinity of Camp 4 where a number of soil samples contained significant anomalous silver values. These gossans have been attributed to cataclastic rocks in fault zones, further investigation is required.

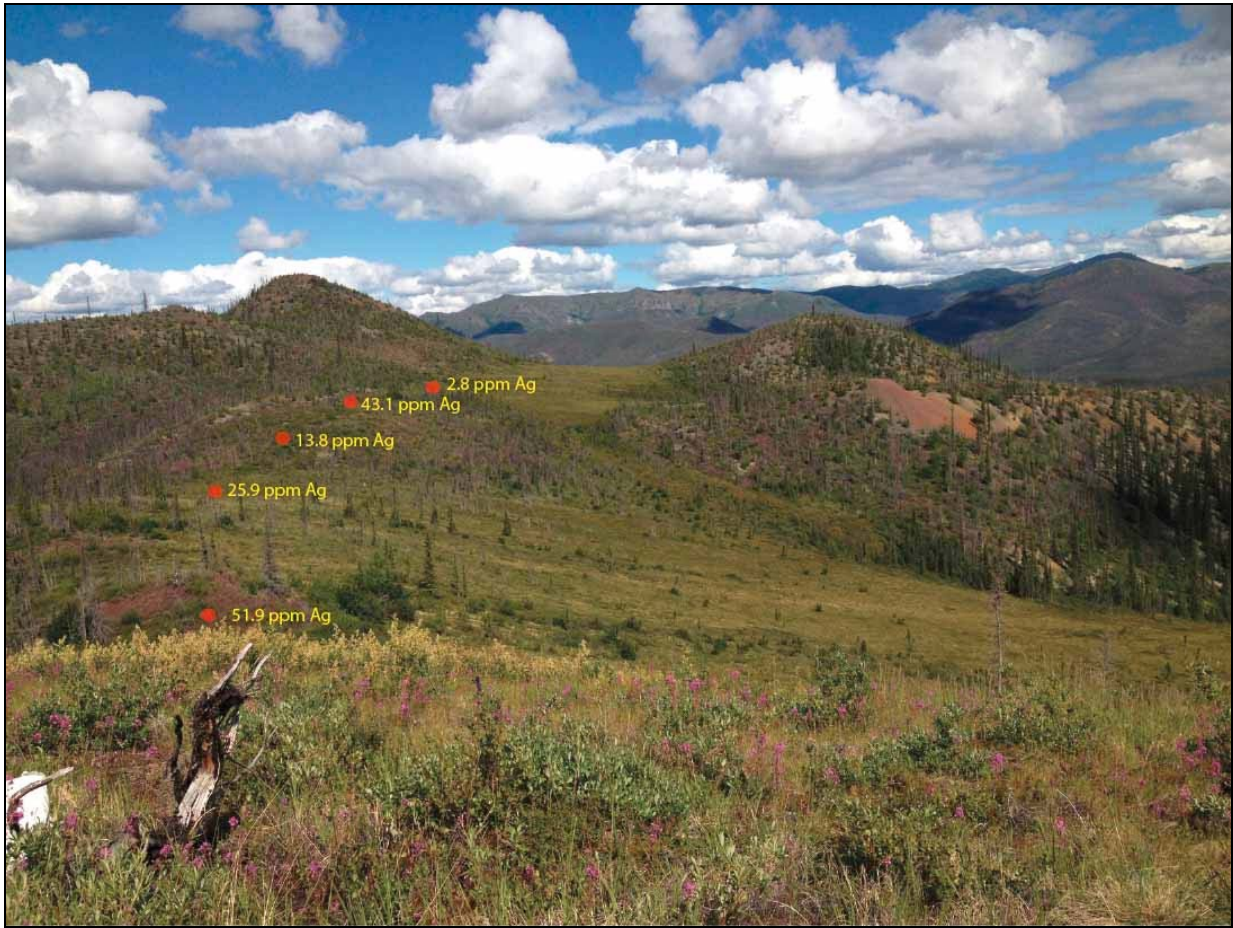


Photo 2. Camp 4 area, looking north, silver in soil anomaly (sample 1301390 = 51.9 ppm Ag) and nearby gossan.

#### **4.0 GEOCHEMISTRY**

A total of 18 rock samples, 39 stream sediment samples and 1896 soil samples were collected in 2012 and were analyzed by Acme Analytical Laboratories (Vancouver) Ltd. in Vancouver, B.C. Samples collected on the property were transported by Rackla personnel, or contractors, to the Dawson City or Whitehorse preparation laboratory. The screened -80 mesh portion of the sample was sent to Acme's analytical laboratory in Vancouver, BC for analysis. Sample locations for all samples are shown on Figures 5A and 5b and geochemical statistics for soil and stream sediment samples are given in Appendix E. Geochemical results for gold and ten selected elements (Ag, Cu, Pb, Zn, Mo, Ni, As, Sb, Hg, Tl) are shown on Figures 6 to 16 respectively.

Rock samples were crushed to -10 mesh and a 250 g split pulverized to - 200 mesh (Acme method code R200-250). A 15 gram split underwent aqua regia digestion followed by ultra-trace analysis by ICP-MS (induced coupled plasma – mass spectrometer) (Acme method code 1F02) with results for gold plus an additional 36 elements. The analytical certificates are presented in Appendix A and sample locations and analytical results for selected elements in Appendix B.

A total of 1896 soil samples were collected, dried, screened to -80 mesh with a 15 gram split digested by aqua regia and analyzed by ultra-trace ICP-MS for gold and an additional 36 elements (Acme method code 1F02). The analytical certificates are presented in Appendix A and sample locations and analytical results for selected elements in Appendix C. The soil samples were collected by soil auger or occasionally if conditions warranted it, by grub hoe or pick axe, generally from an approximate depth of 0.3 m. Soil samples were collected on ridges and spurs with sample spacing at approximately 100 m.

A total of 39 stream sediment samples were collected were collected by shovel from traps such as bars and plunge pools, wet sieved through a screen at the sample site to - 2 mm into a collection pan, with care being taken to minimize loss of fines, placed in plastic bags, water decanted after settling and shipped to the lab while still wet or damp. Initial sieved sample weights varied between one and 3 kilograms.

At the Acme preparation laboratory samples were sieved to -150 mesh with two subsamples, a 30 gram and a 50 gram subsample, being analyzed separately. The 30 gram sample was digested by aqua regia and analyzed by ultratrace ICP-MS for gold and an additional 36 elements (method 1F03). The 50 gram sub-sample underwent a lead collection fire assay followed by an ICP-ES analysis for gold (Acme method code 3B-01+3B04). The analytical certificates are presented in Appendix A and sample locations and analytical results for selected elements in Appendix D.

## **5.0 GEOPHYSICS**

A helicopter airborne geophysical survey was carried out November 24 - 26, 2011 by Precision GeoSurveys Inc. over the Face claims and Hood claims portion of the property. The survey collected high resolution magnetic data on lines flown at 200 m line spacing. Radiometric data was also collected but was not corrected or processed due to snow cover. The Precision GeoSurveys report on the survey is included as Appendix F.

The magnetic survey highlights geological rock units and will continue to aid in future geological mapping and understanding the structural setting of the property. To date the aeromagnetic survey indicates that the underlying geology is more complex than shown on publicly available geology maps. Additional geological mapping is required to reconcile the aeromagnetic results with the geology.

## 6.0 2012 EXPLORATION RESULTS

The rock samples returned less than 5 ppb Au, 1.8 ppm Ag, 303 ppm Cu, 25 ppm Pb and 2067 ppm Zn. The most significant rock sample (1302033) was collected from a subcrop of cataclasite described as oxidized grey shale cut by quartz veining. This sample contained 2067 ppm Zn, 303 ppm Cu and 257 ppm Ni in from an area that otherwise had a subdued response for those elements in soil samples.

Analytical results from soil samples yielded a number of significant anomalous values for gold, silver, copper, lead, zinc, molybdenum and nickel plus anomalous gold pathfinder elements, arsenic, antimony, mercury and thallium. Results for these elements are shown on Figures 6 to 16. The top ten percent (>90<sup>th</sup> percentile) of the values for each of the elements was considered to be anomalous. Anomalies will be discussed below with respect to camp locations as labeled on Figure 4 with an emphasis on results for gold and silver.

In 2011 soil samples in the vicinity of the 2011 camp from ridges on the south side of the Face claims contained anomalous gold values greater than 12.5 ppb (Hulstein, 2011). Most of these anomalous samples also contain anomalous values for silver, copper, lead, zinc, iron, mercury and arsenic. Most anomalous silver values of greater than 500 ppb, with a highest value of 4161 ppb, also contain anomalous values for gold, molybdenum, copper, lead, zinc, iron, mercury and arsenic. This coincident soil geochemical anomaly is about four kilometers long from east to west and up to one kilometer wide north – south. Stream sediment sampling in 2011 indicated that possible sources for anomalous gold and other elements lay upstream and prompted the staking of the Hood claims in the fall of 2011.

Work in 2012 in the area of Camp 1 expanded on the coincident soil anomaly identified in 2011 and results show that the anomaly extends an additional 3 km east. The most significant portion of this gold, silver anomaly trends approximately east – west for approximately 5 km, is up to 600 m wide and is underlain by siliclastics of the Road River Group. Other elements such as Cu, Pb, Zn, Mo, Ni, As, Sb, Hg and or Tl are also anomalous in soil, although not always coincident with the anomalous gold and or silver values. Antimony, mercury and thallium in particular form coherent anomalies and along with nickel might be related to particular rock units within the Road River Group.

In the area of Camp 2, soil samples over the Hyland Group rocks, which are thrust over the Road River group to the south, contained scattered anomalous values for Au, Ag, Cu, Zn, Ni, As and or Hg but generally values are not very high and anomalies are rarely coincident and do not make large coherent anomalies. However given the wide spacing between sample lines additional follow-up is warranted in areas of the highest gold in soil anomalies.

In the area of Camp 3 anomalous lead and zinc in soil are found as east-west trending anomalies over distances of a kilometer. To the north of Camp 3, on the northwest claim boundary, a small but strong coincident Pb-Zn-Ni in soil anomaly with weaker but

anomalous values for Mo-Ni-Tl are found over a length of approximately a kilometer on a single line.

The area around Camp 4 contains the strongest and most significant silver anomaly on the property. Two northerly trending ridge top soil lines up to 500 m apart and over a north – south distance of up to a kilometer had 15 samples that contained between 5000 to 69,000 ppb silver along with anomalous Au+/-Cu+/-Zn+/-Mo+/-Ni+/-As+/-Hg and or Tl values. This area, shown in Photo 2, lies within a broader area, approximately four by four kilometers, defined best by anomalous silver values. A peculiar feature of this anomaly is the absence of significant lead in samples with anomalous silver values.

Three anomalous drainage basins in the Camp 4 area were identified by the regional geochemical stream sampling program, carried out by the Geological Survey of Canada (Yukon Geology Survey, 2011). Samples in one or more of the creeks contained anomalous Au (>9 ppb), As (>21 ppb), Mo (>8 ppm), Hg (128 ppb), Sb (>3.6 ppm) and Ag (>0.5 ppm) and together comprise the most significant regional anomaly on both the property and in the vicinity.

Camp 5 area is similar to Camp 1 in that the multi-element anomalies are largely underlain by Road River cataclastics in close proximity to the thrust fault contact with the Hyland Group. Gold and silver anomalies, themselves not always coincident, generally occur with, plus or minus, anomalous Au, Cu, Zn, Mo, Ni, As, Hg and or Tl values. Due to the scattered nature of the anomalous samples, distribution trends are difficult to determine but, anomalous silver values appear to trend east – west over an approximate 4 km by 1.5 km area.

The Camp 6 area has several discrete zinc, +/- Mo+/-Ni and or Hg anomalies in soil that are underlain by Hyland Group or Bouvette Formation rocks. Also located in the area was an As-Tl anomaly over the thrust fault contact (as mapped) between the Hyland and Road River Groups.

The nature and source of the above anomalies is largely unknown although a relationship to gossanous cataclastic fault zones in the area of Camp 4 is suspected. It is likely that many of the anomalies for all the elements discussed above are related to black shales of the Road River Group. However there could also be a mafic volcanic or intrusive unit within the sedimentary package that could also explain for example the presence of anomalous nickel values. Various types of mineral deposits such as; sedex, replacement or vein – fault type may also account for the anomalous geochemical values.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

Results from Rackla's 2012 geochemical sampling program on the Face property identified a number of multi-element anomalies in soil (including Au, Ag, Cu, Pb, Zn, Mo, Ni, As, Sb, Hg and or Tl). Three areas, referred to as Camp 1, Camp 4 and Camp 5 are targets worthy of follow-up with Camp 4 area being the priority.

Underlying the property area is a package of rocks ranging in age from Upper Proterozoic to Mississippian dominated by siliclastics but also includes lesser amounts of limestone, dolostone and mafic volcanics. The property is cut by the regional easterly trending Coal Creek Fault and a parallel unnamed fault that can be traced in Eagle Creek valley on the west side of the property and is interpreted to extend to the eastern side of the property, a distance of about 30 km. These faults are interpreted to be extensions and or offsets of the Dawson Thrust Fault; a bounding fault to the Rackla Gold Belt located approximately 300 km to the ESE.

The Coal Creek and other faults juxtapose units and could provide fluid conduits for a possible hydrothermal system(s) as indicated by the geochemically anomalous soil samples at Camp 4. Here, fifteen of these samples collected on two north trending ridges up to 500 m apart, over a north – south distance of up to a kilometer, contained between 5,000 to 69,000 ppb silver along with anomalous Au+/-Cu+/-Zn+/-Mo+/-Ni+/-As+/-Hg and or Tl values.

The 2012 analytical results may indicate the presence of a significant precious metal - base metal hydrothermal system focused in and around the regional thrust faults and possibly other types of faults. No mineralization was found in 2012 but based on the geochemical results and geological setting a number of deposit types are possible including base metal stratiform, precious and base metal replacement and vein type deposits.

Additional rock, soil and stream sediment geochemical surveys, along with geological mapping, prospecting and an airborne magnetic and radiometric survey are recommended to both better define the existing anomalies and to explore the surrounding areas not surveyed in 2012.

All of the above work should be directed towards defining precious and base metal targets for trenching and diamond drilling.

## 8.0 STATEMENT OF COSTS

The following costs were incurred on the Face property in 2012.

|                               |                  |
|-------------------------------|------------------|
| Contract Exploration Services | \$65,198         |
| Rackla Field Personnel        | \$17,382         |
| Helicopter                    | \$35,197         |
| Groceries and Field supplies  | \$6,641          |
| Vehicles                      | \$7,571          |
| Geochemistry                  | \$49,708         |
| <b>TOTAL</b>                  | <b>\$181,697</b> |

Respectfully submitted,

February 20, 2013

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



## 9.0 STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, of:

106 Wilson Drive  
Whitehorse, Yukon Territory  
Y1A 0C9,

do hereby certify that:

1. I am a mineral exploration geologist with over 25 years of experience working in the Yukon.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I am the author of this report on the Face property (comprised of the Eye 1-4, Face 1-94, Hood 1-176 and Hat 1-431 claims) in the Dawson Mining District, Yukon.
6. The work described in the report was carried out under my supervision from July 7 to July 14, 2011.
7. I was on portions of the Face property June 21-23, 2012.
8. The report is based on results and descriptions provided by co-workers and on referenced sources.

Roger Hulstein, B.Sc., FGAC, P.Geo.  
February 20, 2013

## 10.0 REFERENCES

- Cairnes, D.D., 1915. Yukon – Alaska International Boundary, between Yukon and Porcupine Rivers (southern Sheet). Geological Survey Canada, Map 140 A.
- Hulstein, R.W., 2011. 2011 Geochemical Report on the Face 1-94 Claims. Assessment Report for Radius Gold Inc., Yukon Energy Mines and Resources Library, #095565.
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- Thompson, R.I., 1995. Geological Compilation (1:250,000) of Dawson Map Area (116B, C) (northeast of Tintina Trench). Geological Survey of Canada, Open File 3223.
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- Yukon MINFILE, 2011. A database of mineral occurrences. Available digitally: [http://www.geology.gov.yk.ca/databases\\_gis.html](http://www.geology.gov.yk.ca/databases_gis.html)

## **APPENDIX A**

Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: June 25, 2012  
Report Date: July 17, 2012  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

DAW12000053.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-1  
P.O. Number  
Number of Samples: 57

### SAMPLE DISPOSAL

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

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

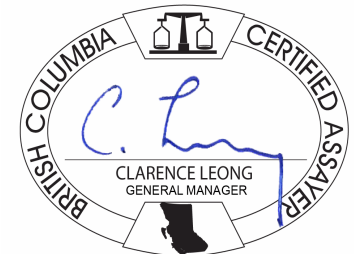
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| S150        | 57                | Sieve to 150 mesh                                     |              |               | DAW |
| RJSV        | 57                | Saving all or part of Soil Reject                     |              |               | DAW |
| 3B01+3B04   | 57                | lead collection fire assay - ICP-ES finish            | 50           | Completed     | VAN |
| 1F03        | 35                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 30           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: July 17, 2012

Page: 2 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200053.1

| Method  | WGHT | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|------|-------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Analyte | Wgt  | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V    |      |
| Unit    | kg   | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  |      |
| MDL     | 0.01 | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | ppm  |      |
| 613876  | Silt | 2.99  | 4    | 7.39  | 44.69 | 14.77 | 571.2 | 462  | 84.1  | 12.7 | 392  | 2.40 | 11.7 | 2.5  | 5.2  | 2.7  | 75.4  | 4.63 | 2.39 | 0.15 | 98   |
| 613877  | Silt | 1.15  | <2   | 0.54  | 23.26 | 8.79  | 51.2  | 117  | 21.6  | 7.5  | 304  | 1.86 | 4.5  | 0.6  | 4.2  | 2.1  | 108.1 | 0.42 | 0.37 | 0.11 | 28   |
| 613878  | Silt | 3.45  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 613879  | Silt | 2.34  | 4    | 9.26  | 60.40 | 10.91 | 252.4 | 953  | 55.1  | 5.5  | 167  | 1.91 | 12.7 | 2.7  | 0.8  | 2.0  | 104.9 | 4.31 | 3.71 | 0.13 | 133  |
| 613880  | Silt | 2.61  | 2    | 35.08 | 59.57 | 10.67 | 1130  | 501  | 120.9 | 8.7  | 193  | 1.93 | 17.3 | 7.1  | <0.2 | 2.8  | 81.5  | 9.29 | 5.63 | 0.12 | 315  |
| 613881  | Silt | 3.12  | 3    | 9.35  | 63.46 | 17.11 | 329.3 | 823  | 81.9  | 9.3  | 335  | 2.49 | 13.4 | 2.7  | 0.8  | 2.8  | 94.5  | 2.41 | 3.06 | 0.12 | 128  |
| 613882  | Silt | 2.09  | <2   | 2.60  | 39.03 | 15.42 | 176.7 | 234  | 68.6  | 15.8 | 405  | 3.16 | 8.0  | 0.9  | 1.6  | 3.1  | 86.4  | 1.75 | 0.91 | 0.11 | 71   |
| 613883  | Silt | 3.89  | 3    | 2.66  | 48.47 | 22.25 | 161.2 | 239  | 60.9  | 17.2 | 741  | 3.51 | 10.0 | 1.0  | 1.7  | 2.9  | 94.0  | 1.37 | 1.12 | 0.20 | 42   |
| 613884  | Silt | 3.22  | 5    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 613885  | Silt | 3.49  | 2    | 0.38  | 28.40 | 13.31 | 42.4  | 153  | 22.4  | 10.5 | 366  | 2.25 | 6.7  | 0.6  | 1.6  | 4.8  | 37.8  | 0.14 | 0.44 | 0.23 | 12   |
| 613886  | Silt | 3.39  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301015 | Silt | 2.98  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301016 | Silt | 2.77  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301017 | Silt | 3.01  | 14   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301018 | Silt | 3.47  | 6    | 12.06 | 59.01 | 22.23 | 751.7 | 629  | 87.3  | 11.2 | 388  | 2.60 | 14.2 | 3.4  | 2.5  | 2.7  | 66.0  | 7.20 | 3.27 | 0.17 | 157  |
| 1301019 | Silt | 3.03  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301020 | Silt | 3.91  | 14   | 6.60  | 34.97 | 12.94 | 391.5 | 468  | 69.0  | 8.8  | 1028 | 2.20 | 11.1 | 1.3  | 5.4  | 2.2  | 58.3  | 5.80 | 2.25 | 0.10 | 78   |
| 1301021 | Silt | 4.64  | 8    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301022 | Silt | 2.86  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301023 | Silt | 3.36  | 4    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1301024 | Silt | 3.63  | 6    | 7.67  | 57.32 | 10.84 | 615.0 | 771  | 94.2  | 10.6 | 268  | 2.41 | 9.8  | 3.1  | 1.2  | 2.0  | 90.5  | 9.76 | 2.49 | 0.17 | 128  |
| 1301025 | Silt | 3.30  | 4    | 22.37 | 90.82 | 10.70 | 698.6 | 1135 | 100.8 | 8.5  | 121  | 3.91 | 17.7 | 10.8 | 2.3  | 2.4  | 89.3  | 6.24 | 4.49 | 0.14 | 227  |
| 1301026 | Silt | 4.34  | 22   | 1.54  | 19.11 | 11.29 | 128.5 | 99   | 35.4  | 12.7 | 549  | 3.09 | 8.0  | 0.5  | 2.2  | 5.9  | 42.9  | 0.40 | 0.38 | 0.14 | 33   |
| 1301027 | Silt | 3.66  | 4    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1302001 | Silt | 3.08  | 4    | 8.17  | 39.04 | 16.30 | 962.9 | 267  | 95.8  | 8.0  | 267  | 2.06 | 9.9  | 1.6  | 2.0  | 2.5  | 53.7  | 9.25 | 2.87 | 0.09 | 122  |
| 1302002 | Silt | 3.61  | 15   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1302003 | Silt | 3.56  | 5    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1302004 | Silt | 4.00  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. |
| 1302005 | Silt | 3.77  | 4    | 6.56  | 45.51 | 19.95 | 612.5 | 485  | 79.0  | 14.2 | 849  | 2.78 | 14.7 | 1.1  | 2.0  | 3.0  | 94.9  | 8.04 | 1.94 | 0.10 | 65   |
| 1302006 | Silt | 3.54  | 3    | 5.59  | 56.18 | 25.35 | 245.6 | 326  | 66.2  | 15.5 | 352  | 2.83 | 10.1 | 1.6  | 1.0  | 3.1  | 43.2  | 1.33 | 1.75 | 0.16 | 42   |

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: FACE  
 Report Date: July 17, 2012

Page: 2 of 3

Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW1200053.1

| Method  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 |
|---------|------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|-------|------|
| Analyte | Ca   | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Ti   | S    | Hg   | Se   | Te   | Ga    |      |
| Unit    | %    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | ppm   | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   |      |
| MDL     | 0.01 | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   |      |
| 613876  | Silt | 3.12  | 0.135 | 8.7  | 25.7 | 1.47 | 738.5 | 0.018 | 7    | 0.72  | 0.009 | 0.11 | 0.1  | 3.8  | 0.42 | 0.20 | 146  | 2.8  | 0.16  | 2.2  |
| 613877  | Silt | 4.94  | 0.097 | 11.5 | 16.8 | 0.49 | 144.2 | 0.031 | 4    | 0.82  | 0.011 | 0.05 | 0.3  | 2.8  | 0.08 | 0.09 | 70   | 0.4  | 0.11  | 2.2  |
| 613878  | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 613879  | Silt | 1.14  | 0.108 | 6.6  | 24.6 | 0.39 | 578.2 | 0.008 | 6    | 0.58  | 0.010 | 0.10 | 0.1  | 2.9  | 0.42 | 0.14 | 175  | 5.3  | 0.10  | 2.1  |
| 613880  | Silt | 1.09  | 0.093 | 5.8  | 20.8 | 0.42 | 840.0 | 0.005 | 9    | 0.48  | 0.008 | 0.14 | 0.1  | 3.2  | 0.80 | 0.17 | 207  | 6.0  | 0.11  | 1.9  |
| 613881  | Silt | 1.93  | 0.177 | 11.8 | 48.0 | 0.87 | 919.9 | 0.047 | 9    | 0.69  | 0.008 | 0.15 | <0.1 | 4.0  | 0.37 | 0.26 | 170  | 4.1  | <0.02 | 2.6  |
| 613882  | Silt | 1.56  | 0.161 | 23.1 | 85.2 | 1.23 | 270.3 | 0.204 | 7    | 1.20  | 0.007 | 0.10 | 0.2  | 4.5  | 0.20 | 0.06 | 77   | 0.9  | 0.07  | 4.2  |
| 613883  | Silt | 2.89  | 0.111 | 11.4 | 39.2 | 1.11 | 298.7 | 0.009 | 4    | 1.04  | 0.004 | 0.08 | <0.1 | 4.4  | 0.24 | 0.21 | 131  | 1.7  | 0.15  | 3.0  |
| 613884  | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 613885  | Silt | 1.26  | 0.057 | 19.7 | 10.7 | 0.44 | 66.2  | 0.008 | 2    | 0.63  | 0.003 | 0.12 | <0.1 | 1.9  | 0.11 | 0.03 | 45   | 0.2  | 0.03  | 1.5  |
| 613886  | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301015 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301016 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301017 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301018 | Silt | 0.79  | 0.164 | 10.8 | 28.4 | 0.43 | 606.5 | 0.017 | 5    | 0.84  | 0.007 | 0.10 | 0.1  | 3.3  | 0.41 | 0.10 | 200  | 2.9  | 0.05  | 2.8  |
| 1301019 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301020 | Silt | 0.48  | 0.112 | 11.3 | 22.1 | 0.36 | 918.0 | 0.025 | 3    | 0.93  | 0.006 | 0.07 | 0.3  | 2.8  | 0.23 | 0.05 | 177  | 2.2  | 0.12  | 2.7  |
| 1301021 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301022 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301023 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1301024 | Silt | 0.92  | 0.151 | 11.6 | 26.2 | 0.42 | 1765  | 0.017 | 8    | 0.81  | 0.010 | 0.12 | 0.1  | 4.1  | 0.39 | 0.19 | 233  | 4.1  | 0.05  | 2.6  |
| 1301025 | Silt | 0.61  | 0.187 | 7.7  | 33.4 | 0.16 | 268.4 | 0.006 | 11   | 1.17  | 0.008 | 0.13 | <0.1 | 4.3  | 0.46 | 0.46 | 215  | 9.3  | 0.06  | 2.0  |
| 1301026 | Silt | 0.71  | 0.166 | 24.1 | 25.7 | 0.59 | 150.3 | 0.026 | 2    | 1.28  | 0.003 | 0.06 | 0.2  | 2.6  | 0.08 | 0.03 | 48   | 0.3  | <0.02 | 3.7  |
| 1301027 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1302001 | Silt | 0.65  | 0.102 | 8.1  | 24.1 | 0.40 | 553.3 | 0.026 | 5    | 0.74  | 0.010 | 0.10 | 0.3  | 3.0  | 0.62 | 0.08 | 88   | 3.4  | 0.15  | 2.4  |
| 1302002 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1302003 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1302004 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |
| 1302005 | Silt | 1.48  | 0.149 | 16.5 | 31.6 | 0.68 | 622.8 | 0.075 | 2    | 0.98  | 0.010 | 0.09 | 0.1  | 3.4  | 0.19 | 0.10 | 103  | 2.5  | 0.13  | 3.4  |
| 1302006 | Silt | 1.77  | 0.145 | 7.5  | 23.4 | 0.76 | 308.1 | 0.007 | 10   | 0.68  | 0.004 | 0.20 | <0.1 | 6.1  | 0.41 | 0.29 | 153  | 1.3  | 0.03  | 1.7  |

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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 Report Date: July 17, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200053.1

| Method  | WGHT | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 |
|---------|------|-------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|------|------|------|
| Analyte | Wgt  | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi   | V    |      |
| Unit    | kg   | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm  |      |
| MDL     | 0.01 | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02 | ppm  |      |
| 1302007 | Silt | 3.09  | 5    | 14.64 | 72.67 | 10.32 | 1251  | 540  | 175.9 | 36.2 | 751  | 3.34 | 13.7 | 4.1  | 1.5  | 2.3  | 123.7 | 11.77 | 2.83 | 0.08 | 108  |
| 1302008 | Silt | 3.47  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302009 | Silt | 3.75  | 7    | 27.30 | 91.16 | 11.96 | 1213  | 1103 | 129.0 | 5.7  | 166  | 2.43 | 27.3 | 7.9  | <0.2 | 2.3  | 120.4 | 13.38 | 7.65 | 0.09 | 383  |
| 1302010 | Silt | 3.57  | 4    | 25.32 | 81.72 | 10.42 | 922.4 | 1106 | 122.0 | 5.7  | 178  | 2.16 | 22.0 | 5.7  | 0.4  | 2.4  | 113.9 | 12.08 | 7.22 | 0.10 | 353  |
| 1302011 | Silt | 3.10  | 5    | 14.43 | 69.16 | 10.73 | 785.6 | 1072 | 117.5 | 9.9  | 214  | 2.42 | 18.8 | 6.5  | 1.3  | 2.6  | 100.9 | 7.09  | 4.43 | 0.09 | 205  |
| 1302101 | Silt | 3.33  | 21   | 2.89  | 34.34 | 8.79  | 144.5 | 152  | 44.7  | 11.7 | 218  | 2.56 | 8.1  | 1.2  | 2.5  | 3.7  | 42.5  | 0.78  | 1.03 | 0.09 | 60   |
| 1302102 | Silt | 2.01  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302103 | Silt | 2.59  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302105 | Silt | 2.31  | 3    | 11.85 | 65.40 | 11.49 | 357.0 | 843  | 63.1  | 8.1  | 238  | 2.05 | 16.5 | 3.7  | 1.8  | 2.4  | 111.2 | 6.67  | 4.28 | 0.12 | 178  |
| 1302106 | Silt | 2.97  | <2   | 5.29  | 68.56 | 9.11  | 270.0 | 145  | 57.1  | 12.2 | 174  | 3.66 | 14.1 | 2.1  | 0.6  | 1.9  | 64.9  | 1.98  | 1.06 | 0.27 | 36   |
| 1302107 | Silt | 2.03  | <2   | 5.29  | 29.94 | 9.96  | 258.0 | 230  | 51.7  | 5.9  | 247  | 1.99 | 9.8  | 3.4  | 1.7  | 1.2  | 33.2  | 2.75  | 1.52 | 0.15 | 84   |
| 1302108 | Silt | 2.80  | 2    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302109 | Silt | 2.85  | <2   | 0.65  | 14.72 | 12.69 | 140.0 | 76   | 27.8  | 8.8  | 199  | 2.15 | 5.7  | 0.4  | 1.1  | 2.9  | 18.9  | 0.45  | 0.32 | 0.12 | 27   |
| 1302110 | Silt | 2.55  | 2    | 10.38 | 48.47 | 10.57 | 618.1 | 723  | 83.8  | 8.2  | 192  | 2.18 | 15.3 | 4.2  | 0.7  | 2.5  | 95.0  | 5.55  | 3.54 | 0.10 | 150  |
| 1302201 | Silt | 2.81  | 2    | 16.42 | 53.10 | 11.22 | 832.8 | 441  | 109.8 | 17.3 | 835  | 2.29 | 13.4 | 2.1  | 1.4  | 1.9  | 67.3  | 14.47 | 4.48 | 0.12 | 170  |
| 1302202 | Silt | 0.56  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302203 | Silt | 1.60  | 3    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302204 | Silt | 1.63  | 4    | 2.63  | 36.55 | 10.88 | 145.6 | 319  | 35.2  | 9.3  | 338  | 2.21 | 7.4  | 1.2  | 2.4  | 2.6  | 91.0  | 1.25  | 0.92 | 0.10 | 40   |
| 1302205 | Silt | 2.64  | 4    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302206 | Silt | 2.54  | 7    | 24.31 | 69.80 | 13.23 | 1548  | 891  | 218.8 | 65.6 | 2434 | 3.21 | 22.5 | 2.3  | 1.7  | 1.7  | 126.3 | 16.61 | 3.92 | 0.13 | 110  |
| 1302207 | Silt | 3.50  | 4    | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. |
| 1302208 | Silt | 2.30  | <2   | 6.19  | 25.66 | 8.76  | 246.8 | 347  | 47.2  | 6.6  | 241  | 1.67 | 12.0 | 1.9  | 2.2  | 1.5  | 39.8  | 1.84  | 1.92 | 0.08 | 100  |
| 1302209 | Silt | 2.75  | 3    | 4.81  | 29.37 | 10.55 | 145.1 | 247  | 35.9  | 7.0  | 193  | 2.50 | 13.2 | 1.1  | 1.7  | 1.7  | 36.2  | 0.83  | 1.32 | 0.09 | 59   |
| 1302210 | Silt | 3.60  | 3    | 9.22  | 42.97 | 13.88 | 234.5 | 589  | 44.4  | 7.0  | 205  | 2.07 | 17.2 | 1.8  | 2.4  | 1.2  | 155.6 | 2.98  | 2.90 | 0.10 | 73   |
| 1302211 | Silt | 2.88  | 6    | 7.14  | 41.32 | 9.98  | 49.0  | 527  | 19.2  | 2.5  | 64   | 1.16 | 15.7 | 1.1  | 4.2  | 0.7  | 78.3  | 0.85  | 4.26 | 0.10 | 226  |
| 1302212 | Silt | 2.85  | 7    | 16.71 | 53.76 | 21.10 | 609.7 | 1006 | 47.3  | 2.8  | 66   | 1.80 | 18.3 | 3.3  | 3.7  | 1.0  | 80.8  | 6.62  | 6.18 | 0.08 | 149  |
| 1302213 | Silt | 2.12  | 2    | 4.97  | 34.49 | 13.34 | 759.2 | 426  | 75.1  | 7.5  | 180  | 1.59 | 11.3 | 4.9  | 1.6  | 1.6  | 48.6  | 7.49  | 2.37 | 0.05 | 145  |



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 Report Date: July 17, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW1200053.1

| Method  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  |      |
|---------|------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|-------|------|------|-------|------|
| Analyte | Ca   | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Ti   | S    | Hg    | Se   | Te   | Ga    |      |
| Unit    | %    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |      |
| MDL     | 0.01 | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |      |
| 1302007 | Silt | 1.33  | 0.107 | 7.0  | 19.7 | 0.56 | 989.2 | 0.012 | 7    | 1.06  | 0.011 | 0.10 | <0.1 | 4.3  | 0.49 | 0.20  | 106  | 3.7  | 0.03  | 2.0  |
| 1302008 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302009 | Silt | 1.46  | 0.183 | 7.6  | 38.0 | 0.53 | 1387  | 0.010 | 11   | 0.57  | 0.007 | 0.13 | 0.2  | 4.1  | 0.74 | 0.18  | 216  | 5.9  | 0.10  | 2.4  |
| 1302010 | Silt | 1.95  | 0.166 | 7.5  | 33.4 | 0.76 | 1674  | 0.008 | 16   | 0.49  | 0.006 | 0.14 | 0.2  | 3.5  | 0.62 | 0.14  | 203  | 7.0  | 0.12  | 2.2  |
| 1302011 | Silt | 1.59  | 0.242 | 10.8 | 56.5 | 0.54 | 843.6 | 0.008 | 17   | 0.60  | 0.009 | 0.14 | 0.1  | 4.1  | 0.44 | 0.17  | 202  | 9.1  | 0.08  | 2.5  |
| 1302101 | Silt | 0.47  | 0.086 | 10.1 | 24.0 | 0.44 | 637.4 | 0.027 | 3    | 0.83  | 0.011 | 0.07 | 0.6  | 2.9  | 0.18 | 0.04  | 59   | 1.0  | 0.07  | 2.7  |
| 1302102 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302103 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302105 | Silt | 2.14  | 0.204 | 9.1  | 27.9 | 0.51 | 681.2 | 0.005 | 7    | 0.47  | 0.007 | 0.13 | <0.1 | 4.0  | 0.42 | 0.35  | 165  | 4.8  | 0.03  | 1.8  |
| 1302106 | Silt | 0.12  | 0.065 | 4.1  | 16.8 | 0.23 | 847.1 | 0.004 | 3    | 1.22  | 0.009 | 0.07 | <0.1 | 5.5  | 0.28 | 0.18  | 58   | 1.3  | <0.02 | 2.6  |
| 1302107 | Silt | 1.87  | 0.143 | 7.3  | 18.5 | 0.76 | 461.7 | 0.018 | 4    | 0.80  | 0.007 | 0.05 | 0.2  | 2.3  | 0.58 | 0.07  | 77   | 1.7  | <0.02 | 2.3  |
| 1302108 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302109 | Silt | 0.58  | 0.067 | 9.8  | 22.2 | 0.45 | 184.6 | 0.021 | 3    | 0.81  | 0.003 | 0.08 | <0.1 | 3.0  | 0.10 | <0.02 | 25   | <0.1 | 0.03  | 2.5  |
| 1302110 | Silt | 2.34  | 0.250 | 8.8  | 41.0 | 0.90 | 1162  | 0.007 | 12   | 0.56  | 0.007 | 0.13 | 0.1  | 3.6  | 0.37 | 0.28  | 136  | 6.5  | 0.05  | 2.2  |
| 1302201 | Silt | 0.64  | 0.094 | 6.0  | 22.1 | 0.34 | 464.0 | 0.011 | 4    | 0.74  | 0.011 | 0.08 | 0.2  | 3.0  | 0.72 | 0.09  | 115  | 5.5  | 0.05  | 2.4  |
| 1302202 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302203 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302204 | Silt | 2.51  | 0.165 | 12.9 | 23.6 | 0.73 | 321.9 | 0.041 | 3    | 0.74  | 0.011 | 0.07 | 0.1  | 3.3  | 0.15 | 0.07  | 131  | 0.9  | 0.02  | 2.5  |
| 1302205 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302206 | Silt | 0.46  | 0.092 | 5.4  | 18.2 | 0.24 | 1113  | 0.005 | 5    | 0.72  | 0.013 | 0.10 | <0.1 | 3.4  | 0.81 | 0.16  | 179  | 6.9  | 0.12  | 2.1  |
| 1302207 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. |
| 1302208 | Silt | 0.75  | 0.102 | 7.0  | 17.8 | 0.30 | 381.5 | 0.012 | 2    | 0.69  | 0.009 | 0.07 | 0.2  | 2.3  | 0.60 | 0.06  | 107  | 2.0  | 0.04  | 2.3  |
| 1302209 | Silt | 0.65  | 0.088 | 5.5  | 16.2 | 0.38 | 567.1 | 0.008 | 1    | 0.77  | 0.007 | 0.08 | 0.1  | 2.9  | 0.33 | 0.07  | 71   | 1.3  | 0.06  | 2.2  |
| 1302210 | Silt | 0.50  | 0.107 | 4.8  | 15.5 | 0.15 | 1489  | 0.007 | 7    | 0.53  | 0.014 | 0.10 | 0.1  | 2.4  | 0.55 | 0.19  | 114  | 5.9  | 0.06  | 1.9  |
| 1302211 | Silt | 0.39  | 0.063 | 5.3  | 16.1 | 0.16 | 1506  | 0.011 | 4    | 0.56  | 0.006 | 0.05 | 0.1  | 1.9  | 0.38 | 0.08  | 135  | 6.9  | 0.10  | 2.4  |
| 1302212 | Silt | 0.66  | 0.101 | 4.4  | 18.4 | 0.23 | 850.2 | 0.007 | 4    | 0.47  | 0.014 | 0.12 | 0.2  | 2.3  | 1.08 | 0.31  | 216  | 8.5  | 0.15  | 1.8  |
| 1302213 | Silt | 3.52  | 0.270 | 14.0 | 33.4 | 1.53 | 449.3 | 0.023 | 5    | 0.68  | 0.007 | 0.10 | 0.2  | 3.1  | 0.67 | 0.06  | 112  | 1.6  | <0.02 | 2.5  |





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Project: FACE  
 Report Date: July 17, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000053.1

| Method              | WGHT     | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 |
|---------------------|----------|-------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|-------|-------|-------|-------|------|
| Analyte             | Wgt      | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd    | Sb    | Bi    | V     |      |
| Unit                | kg       | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm   | ppm   | ppm   | ppm   |      |
| MDL                 | 0.01     | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01  | 0.02  | 0.02  | 2     |      |
| Pulp Duplicates     |          |       |      |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| 613879              | Silt     | 2.34  | 4    | 9.26  | 60.40 | 10.91 | 252.4 | 953  | 55.1 | 5.5  | 167  | 1.91  | 12.7 | 2.7  | 0.8   | 2.0  | 104.9 | 4.31  | 3.71  | 0.13  | 133  |
| REP 613879          | QC       |       |      | 9.79  | 60.83 | 11.36 | 266.9 | 923  | 57.8 | 5.7  | 170  | 1.89  | 13.5 | 2.7  | 1.2   | 2.1  | 109.6 | 4.43  | 3.73  | 0.14  | 134  |
| 1301017             | Silt     | 3.01  | 14   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S.  | I.S.  | I.S.  | I.S.  | I.S. |
| REP 1301017         | QC       |       |      | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S.  | I.S.  | I.S.  | I.S.  | I.S. |
| 1301018             | Silt     | 3.47  | 6    | 12.06 | 59.01 | 22.23 | 751.7 | 629  | 87.3 | 11.2 | 388  | 2.60  | 14.2 | 3.4  | 2.5   | 2.7  | 66.0  | 7.20  | 3.27  | 0.17  | 157  |
| REP 1301018         | QC       |       | 3    |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| 1302102             | Silt     | 2.01  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S.  | I.S.  | I.S.  | I.S.  | I.S. |
| REP 1302102         | QC       |       | I.S. |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| 1302202             | Silt     | 0.56  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S.  | I.S.  | I.S.  | I.S.  | I.S. |
| REP 1302202         | QC       |       | 14   |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| 1302212             | Silt     | 2.85  | 7    | 16.71 | 53.76 | 21.10 | 609.7 | 1006 | 47.3 | 2.8  | 66   | 1.80  | 18.3 | 3.3  | 3.7   | 1.0  | 80.8  | 6.62  | 6.18  | 0.08  | 149  |
| REP 1302212         | QC       |       |      | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S.  | I.S.  | I.S.  | I.S.  | I.S. |
| Reference Materials |          |       |      |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD DS9             | Standard |       |      | 11.94 | 109.8 | 122.3 | 311.4 | 1852 | 39.0 | 7.3  | 558  | 2.25  | 24.8 | 2.7  | 121.7 | 6.2  | 60.0  | 2.17  | 4.43  | 5.84  | 39   |
| STD DS9             | Standard |       |      | 12.24 | 101.5 | 120.1 | 297.2 | 1840 | 39.8 | 6.9  | 572  | 2.22  | 26.2 | 2.5  | 120.8 | 5.7  | 67.8  | 2.36  | 4.82  | 6.38  | 38   |
| STD OXC88           | Standard |       | 205  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD OXC88           | Standard |       | 205  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD OXC88           | Standard |       | 207  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD OXC88           | Standard |       | 201  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD OXC88           | Standard |       | 179  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| STD DS9 Expected    |          |       |      | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6  | 2.4   | 4.94  | 6.32  | 40   |
| STD OXC88 Expected  |          |       | 203  |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       |      | <0.01 | <0.01 | 0.03  | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   |
| BLK                 | Blank    |       |      | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <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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QUALITY CONTROL REPORT

DAW12000053.1

| Method              | 1F30     | 1F30   | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  | 1F30 |
|---------------------|----------|--------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | Ca       | P      | La     | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | %        | %      | ppm    | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.01     | 0.001  | 0.5    | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 613879              | Silt     | 1.14   | 0.108  | 6.6  | 24.6  | 0.39   | 578.2 | 0.008  | 6    | 0.58   | 0.010  | 0.10  | 0.1  | 2.9  | 0.42  | 0.14   | 175  | 5.3  | 0.10  | 2.1  |
| REP 613879          | QC       | 1.13   | 0.104  | 6.8  | 24.5  | 0.38   | 584.2 | 0.009  | 7    | 0.60   | 0.010  | 0.10  | 0.1  | 3.2  | 0.43  | 0.14   | 175  | 6.4  | 0.21  | 2.1  |
| 1301017             | Silt     | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. |
| REP 1301017         | QC       | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. |
| 1301018             | Silt     | 0.79   | 0.164  | 10.8 | 28.4  | 0.43   | 606.5 | 0.017  | 5    | 0.84   | 0.007  | 0.10  | 0.1  | 3.3  | 0.41  | 0.10   | 200  | 2.9  | 0.05  | 2.8  |
| REP 1301018         | QC       |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302102             | Silt     | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. |
| REP 1302102         | QC       |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302202             | Silt     | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. |
| REP 1302202         | QC       |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302212             | Silt     | 0.66   | 0.101  | 4.4  | 18.4  | 0.23   | 850.2 | 0.007  | 4    | 0.47   | 0.014  | 0.12  | 0.2  | 2.3  | 1.08  | 0.31   | 216  | 8.5  | 0.15  | 1.8  |
| REP 1302212         | QC       | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. |
| Reference Materials |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 0.70   | 0.081  | 12.4 | 112.1 | 0.61   | 280.6 | 0.109  | 2    | 0.93   | 0.075  | 0.38  | 3.1  | 2.3  | 5.48  | 0.16   | 156  | 4.8  | 5.21  | 4.5  |
| STD DS9             | Standard | 0.70   | 0.089  | 12.6 | 115.2 | 0.60   | 304.0 | 0.098  | 2    | 0.93   | 0.081  | 0.38  | 2.9  | 2.5  | 5.68  | 0.16   | 207  | 5.1  | 4.87  | 4.4  |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9 Expected    |          | 0.7201 | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| STD OXC88 Expected  |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    | <0.01  | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.01  | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |



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## QUALITY CONTROL REPORT

DAW12000053.1

| WGHT | 3B-50 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Wgt  | Au    | Mo   | Cu   | Pb   | Zn   | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    |      |
| kg   | ppb   | ppm  | ppm  | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  |      |
| 0.01 | 2     | 0.01 | 0.01 | 0.01 | 0.1  | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    |      |
| BLK  | Blank | <2   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



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## QUALITY CONTROL REPORT

DAW12000053.1

|     | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |  |
|-----|-------|-------|------|------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|------|--|
|     | Ca    | P     | La   | Cr   | Mg   | Ba   | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |  |
|     | %     | %     | ppm  | ppm  | %    | ppm  | %     | ppm  | %    | %     | %    | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |  |
| BLK | Blank |       |      |      |      |      |       |      |      |       |      |      |      |      |      |      |      |      |      |  |
|     | 0.01  | 0.001 | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |  |



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**Client:** Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 19, 2012  
Report Date: August 10, 2012  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

DAW12000053P.2

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-1  
P.O. Number  
Number of Samples: 57

### SAMPLE DISPOSAL

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

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

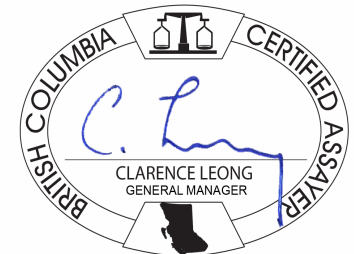
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| SS80        | 57                | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| 1F03        | 57                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 30           | Completed     | VAN |
| 3B01+3B04   | 56                | lead collection fire assay - ICP-ES finish            | 50           | 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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 650-200 Burrard St.  
 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 10, 2012

Page: 2 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000053P.2

| Method  | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  |       |
|---------|------|-------|-------|-------|-------|------|-------|------|------|-------|------|------|------|------|-------|-------|------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As    | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm   | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02 | 2    | 0.01 | 0.001 |       |
| 613876  | Silt | 7.62  | 44.29 | 13.69 | 469.2 | 369  | 79.6  | 14.3 | 382  | 2.33  | 10.4 | 2.3  | <0.2 | 2.5  | 64.7  | 3.94  | 2.00 | 0.13 | 90   | 3.14  | 0.134 |
| 613877  | Silt | 1.84  | 28.97 | 11.80 | 115.9 | 178  | 31.4  | 10.6 | 377  | 2.16  | 6.2  | 0.8  | 2.2  | 2.5  | 125.8 | 0.90  | 0.62 | 0.11 | 35   | 4.69  | 0.128 |
| 613878  | Silt | 4.77  | 39.75 | 19.31 | 226.8 | 243  | 52.6  | 16.7 | 600  | 3.19  | 10.4 | 1.5  | 1.0  | 3.6  | 178.4 | 1.54  | 1.27 | 0.14 | 55   | 5.07  | 0.206 |
| 613879  | Silt | 10.64 | 63.07 | 11.74 | 243.0 | 901  | 56.0  | 6.2  | 149  | 1.76  | 12.9 | 2.6  | <0.2 | 2.2  | 96.7  | 4.63  | 4.03 | 0.12 | 127  | 1.06  | 0.105 |
| 613880  | Silt | 35.96 | 64.47 | 11.78 | 1109  | 505  | 117.3 | 9.8  | 213  | 1.90  | 16.8 | 6.2  | <0.2 | 2.8  | 74.0  | 9.62  | 5.71 | 0.13 | 299  | 1.08  | 0.093 |
| 613881  | Silt | 9.02  | 55.70 | 20.93 | 300.9 | 566  | 81.9  | 14.6 | 419  | 2.83  | 14.2 | 2.5  | <0.2 | 3.2  | 83.5  | 1.99  | 2.42 | 0.13 | 105  | 2.53  | 0.214 |
| 613882  | Silt | 3.08  | 42.16 | 17.22 | 197.1 | 202  | 81.0  | 19.7 | 473  | 3.47  | 8.1  | 0.8  | <0.2 | 3.6  | 89.0  | 1.60  | 0.99 | 0.11 | 75   | 1.60  | 0.174 |
| 613883  | Silt | 2.87  | 47.95 | 22.03 | 153.4 | 212  | 61.4  | 19.5 | 740  | 3.43  | 9.5  | 0.8  | <0.2 | 3.1  | 79.7  | 1.19  | 1.08 | 0.18 | 40   | 2.69  | 0.106 |
| 613884  | Silt | 2.42  | 34.63 | 18.12 | 123.8 | 189  | 50.3  | 15.6 | 450  | 2.83  | 9.1  | 0.8  | <0.2 | 3.6  | 118.3 | 0.94  | 0.82 | 0.15 | 40   | 4.75  | 0.103 |
| 613885  | Silt | 0.45  | 27.64 | 13.47 | 36.5  | 113  | 22.3  | 10.8 | 356  | 2.11  | 7.2  | 0.5  | <0.2 | 4.7  | 28.9  | 0.10  | 0.41 | 0.22 | 10   | 1.10  | 0.046 |
| 613886  | Silt | 0.58  | 29.66 | 16.66 | 66.9  | 118  | 24.6  | 13.3 | 408  | 2.79  | 10.7 | 0.6  | <0.2 | 5.7  | 81.2  | 0.10  | 0.45 | 0.26 | 9    | 2.30  | 0.062 |
| 1301015 | Silt | 6.64  | 38.54 | 14.29 | 238.8 | 287  | 60.5  | 11.4 | 306  | 2.36  | 11.6 | 1.3  | 0.3  | 2.7  | 49.5  | 1.74  | 2.01 | 0.11 | 78   | 0.54  | 0.074 |
| 1301016 | Silt | 39.31 | 65.39 | 36.93 | 2673  | 420  | 269.8 | 57.5 | 2346 | 4.67  | 20.5 | 4.8  | <0.2 | 2.6  | 78.9  | 29.44 | 5.41 | 0.16 | 233  | 0.83  | 0.125 |
| 1301017 | Silt | 10.02 | 58.37 | 24.74 | 888.8 | 370  | 111.4 | 20.4 | 561  | 2.91  | 13.6 | 2.5  | <0.2 | 2.9  | 74.1  | 6.30  | 2.62 | 0.13 | 114  | 0.81  | 0.211 |
| 1301018 | Silt | 15.78 | 67.43 | 25.30 | 717.5 | 521  | 94.4  | 16.2 | 498  | 2.92  | 16.3 | 3.7  | <0.2 | 3.0  | 74.4  | 5.83  | 3.50 | 0.15 | 175  | 0.88  | 0.249 |
| 1301019 | Silt | 14.74 | 71.45 | 26.82 | 620.9 | 768  | 96.4  | 12.4 | 454  | 2.58  | 16.5 | 5.3  | <0.2 | 2.1  | 66.2  | 6.36  | 4.20 | 0.13 | 194  | 0.60  | 0.168 |
| 1301020 | Silt | 14.62 | 46.75 | 18.26 | 495.8 | 475  | 91.9  | 13.7 | 1831 | 3.18  | 18.7 | 1.5  | 13.1 | 2.5  | 67.5  | 7.65  | 3.15 | 0.12 | 96   | 0.45  | 0.129 |
| 1301021 | Silt | 7.65  | 62.63 | 23.43 | 750.9 | 470  | 85.8  | 15.0 | 529  | 2.91  | 12.4 | 2.9  | 0.4  | 3.6  | 112.6 | 5.21  | 2.01 | 0.14 | 72   | 2.60  | 0.320 |
| 1301022 | Silt | 24.80 | 82.36 | 20.53 | 474.1 | 536  | 91.3  | 11.7 | 451  | 3.59  | 35.8 | 2.3  | <0.2 | 2.2  | 84.6  | 5.83  | 6.01 | 0.16 | 191  | 0.34  | 0.124 |
| 1301023 | Silt | 27.96 | 56.83 | 13.09 | 580.4 | 622  | 131.8 | 18.5 | 457  | 2.97  | 17.4 | 2.7  | 0.8  | 1.9  | 63.8  | 6.19  | 4.08 | 0.13 | 177  | 0.56  | 0.109 |
| 1301024 | Silt | 12.26 | 61.24 | 14.25 | 568.6 | 604  | 94.5  | 16.9 | 442  | 3.07  | 15.8 | 3.1  | <0.2 | 2.6  | 96.0  | 7.06  | 3.13 | 0.13 | 145  | 0.90  | 0.229 |
| 1301025 | Silt | 23.86 | 91.12 | 12.07 | 641.8 | 904  | 94.2  | 9.9  | 143  | 3.46  | 20.1 | 8.6  | <0.2 | 2.6  | 109.8 | 5.91  | 4.58 | 0.12 | 240  | 0.80  | 0.294 |
| 1301026 | Silt | 1.21  | 16.41 | 10.66 | 101.3 | 77   | 34.4  | 12.2 | 475  | 2.82  | 6.7  | 0.4  | 5.4  | 5.4  | 36.8  | 0.26  | 0.28 | 0.11 | 28   | 0.67  | 0.172 |
| 1301027 | Silt | 0.53  | 16.73 | 9.90  | 76.9  | 66   | 25.4  | 10.6 | 351  | 2.53  | 5.0  | 0.5  | 0.6  | 5.5  | 40.5  | 0.18  | 0.26 | 0.11 | 20   | 0.65  | 0.167 |
| 1302001 | Silt | 10.40 | 46.54 | 19.24 | 963.6 | 311  | 95.9  | 9.2  | 266  | 2.09  | 10.4 | 1.9  | 1.6  | 2.3  | 53.9  | 10.66 | 3.15 | 0.11 | 131  | 0.71  | 0.118 |
| 1302002 | Silt | 10.35 | 41.69 | 15.94 | 444.6 | 287  | 55.8  | 7.3  | 238  | 1.81  | 10.3 | 1.7  | 2.1  | 2.5  | 36.3  | 4.44  | 3.60 | 0.11 | 134  | 0.45  | 0.091 |
| 1302003 | Silt | 19.57 | 60.94 | 19.63 | 1654  | 450  | 196.3 | 57.0 | 5027 | 13.20 | 10.5 | 29.6 | 0.5  | 2.4  | 90.9  | 7.36  | 3.01 | 0.12 | 84   | 1.00  | 0.152 |
| 1302004 | Silt | 5.67  | 41.17 | 16.67 | 441.5 | 435  | 96.4  | 13.8 | 506  | 2.95  | 12.0 | 1.5  | <0.2 | 3.0  | 112.0 | 5.17  | 1.65 | 0.12 | 65   | 2.70  | 0.160 |
| 1302005 | Silt | 7.11  | 46.16 | 20.89 | 571.6 | 454  | 82.0  | 15.7 | 838  | 2.73  | 14.4 | 1.0  | 0.8  | 2.9  | 85.3  | 8.03  | 1.84 | 0.11 | 59   | 1.42  | 0.139 |
| 1302006 | Silt | 5.95  | 56.56 | 29.18 | 250.0 | 289  | 73.0  | 19.5 | 496  | 3.12  | 10.6 | 1.7  | <0.2 | 3.5  | 40.3  | 1.41  | 1.44 | 0.17 | 42   | 1.90  | 0.166 |

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: FACE  
 Report Date: August 10, 2012

Page: 2 of 3

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

DAW12000053P.2

| Method  | Analyte | 1F30 | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 3B-50 |
|---------|---------|------|-------|------|-------|-------|------|------|-------|------|------|------|------|------|------|------|-------|------|-------|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S    | Hg   | Se   | Te    | Ga   | Au    |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   | ppm  | ppb   |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   | 2    |       |
| 613876  | Silt    | 7.4  | 25.2  | 1.49 | 421.9 | 0.011 | 5    | 0.66 | 0.007 | 0.09 | <0.1 | 3.4  | 0.33 | 0.19 | 104  | 2.8  | 0.05  | 1.9  | <2    |
| 613877  | Silt    | 11.8 | 22.4  | 0.60 | 184.6 | 0.044 | 3    | 0.76 | 0.008 | 0.05 | 0.1  | 2.6  | 0.11 | 0.07 | 82   | 0.7  | 0.03  | 2.4  | <2    |
| 613878  | Silt    | 14.9 | 32.8  | 0.93 | 243.7 | 0.060 | 3    | 0.91 | 0.005 | 0.08 | <0.1 | 3.3  | 0.15 | 0.06 | 107  | 1.3  | 0.05  | 2.9  | 5     |
| 613879  | Silt    | 6.3  | 23.9  | 0.30 | 521.4 | 0.006 | 5    | 0.54 | 0.008 | 0.09 | <0.1 | 2.8  | 0.42 | 0.13 | 153  | 6.6  | 0.06  | 1.9  | 2     |
| 613880  | Silt    | 5.8  | 21.3  | 0.35 | 842.1 | 0.004 | 7    | 0.46 | 0.005 | 0.13 | <0.1 | 3.1  | 0.85 | 0.17 | 166  | 7.3  | 0.07  | 2.1  | 7     |
| 613881  | Silt    | 12.3 | 51.3  | 1.27 | 497.6 | 0.043 | 6    | 0.75 | 0.006 | 0.14 | <0.1 | 3.8  | 0.26 | 0.23 | 96   | 3.8  | 0.09  | 2.8  | <2    |
| 613882  | Silt    | 24.8 | 100.4 | 1.42 | 281.5 | 0.212 | 8    | 1.23 | 0.004 | 0.11 | 0.1  | 4.4  | 0.21 | 0.06 | 64   | 1.0  | 0.03  | 4.9  | 4     |
| 613883  | Silt    | 11.1 | 38.8  | 1.06 | 247.5 | 0.006 | 2    | 0.95 | 0.004 | 0.07 | <0.1 | 3.9  | 0.23 | 0.19 | 108  | 1.5  | 0.13  | 2.8  | <2    |
| 613884  | Silt    | 11.7 | 32.7  | 0.98 | 211.8 | 0.040 | 3    | 0.81 | 0.005 | 0.08 | <0.1 | 3.4  | 0.21 | 0.15 | 66   | 0.9  | 0.08  | 2.7  | 2     |
| 613885  | Silt    | 16.2 | 9.5   | 0.36 | 55.5  | 0.004 | 1    | 0.55 | 0.002 | 0.08 | <0.1 | 1.4  | 0.10 | 0.02 | 35   | 0.3  | <0.02 | 1.4  | <2    |
| 613886  | Silt    | 11.2 | 9.5   | 0.50 | 49.0  | 0.003 | <1   | 0.60 | 0.002 | 0.07 | <0.1 | 1.5  | 0.08 | 0.17 | 31   | 0.3  | 0.03  | 1.6  | <2    |
| 1301015 | Silt    | 6.7  | 20.2  | 0.38 | 499.8 | 0.012 | 2    | 0.73 | 0.010 | 0.07 | 0.2  | 3.0  | 0.36 | 0.09 | 84   | 2.3  | 0.06  | 2.4  | 3     |
| 1301016 | Silt    | 5.9  | 25.1  | 0.24 | 497.1 | 0.003 | 4    | 0.92 | 0.009 | 0.16 | <0.1 | 4.0  | 1.39 | 0.22 | 90   | 8.1  | 0.06  | 2.1  | <2    |
| 1301017 | Silt    | 9.9  | 34.8  | 0.45 | 616.4 | 0.009 | 4    | 0.87 | 0.006 | 0.13 | <0.1 | 2.9  | 0.43 | 0.14 | 84   | 3.6  | 0.09  | 3.0  | <2    |
| 1301018 | Silt    | 9.4  | 32.7  | 0.36 | 541.3 | 0.005 | 3    | 0.84 | 0.004 | 0.11 | <0.1 | 2.9  | 0.41 | 0.11 | 115  | 3.9  | 0.04  | 2.7  | 19    |
| 1301019 | Silt    | 5.7  | 29.3  | 0.22 | 421.4 | 0.005 | 4    | 0.59 | 0.008 | 0.13 | <0.1 | 2.8  | 0.52 | 0.24 | 125  | 7.8  | 0.05  | 2.2  | 146   |
| 1301020 | Silt    | 9.0  | 21.7  | 0.28 | 1067  | 0.008 | 1    | 0.90 | 0.004 | 0.07 | 0.2  | 2.5  | 0.26 | 0.06 | 103  | 3.8  | 0.07  | 2.8  | 4     |
| 1301021 | Silt    | 17.3 | 39.4  | 0.80 | 324.7 | 0.029 | 3    | 0.83 | 0.007 | 0.09 | <0.1 | 3.1  | 0.21 | 0.09 | 167  | 2.1  | 0.07  | 2.9  | 9     |
| 1301022 | Silt    | 4.8  | 25.4  | 0.21 | 558.2 | 0.005 | 3    | 0.79 | 0.019 | 0.11 | 0.1  | 3.5  | 1.08 | 0.24 | 118  | 7.9  | 0.19  | 2.7  | I.S.  |
| 1301023 | Silt    | 6.6  | 22.8  | 0.16 | 596.2 | 0.005 | 3    | 0.88 | 0.007 | 0.08 | <0.1 | 3.2  | 0.72 | 0.13 | 159  | 6.3  | 0.09  | 2.4  | 13    |
| 1301024 | Silt    | 13.0 | 30.8  | 0.38 | 780.4 | 0.008 | 6    | 0.74 | 0.009 | 0.14 | <0.1 | 4.0  | 0.37 | 0.20 | 155  | 4.4  | 0.08  | 2.5  | 14    |
| 1301025 | Silt    | 9.2  | 35.5  | 0.12 | 342.3 | 0.004 | 10   | 0.89 | 0.007 | 0.13 | <0.1 | 4.1  | 0.50 | 0.42 | 150  | 9.7  | 0.09  | 1.9  | <2    |
| 1301026 | Silt    | 18.8 | 23.7  | 0.55 | 126.6 | 0.015 | <1   | 1.16 | 0.002 | 0.04 | <0.1 | 1.9  | 0.06 | 0.03 | 26   | 0.4  | <0.02 | 3.2  | 5     |
| 1301027 | Silt    | 15.7 | 20.1  | 0.47 | 89.3  | 0.011 | <1   | 1.05 | 0.003 | 0.04 | 0.1  | 1.8  | 0.05 | 0.03 | 16   | 0.3  | <0.02 | 3.1  | <2    |
| 1302001 | Silt    | 7.0  | 22.8  | 0.34 | 418.8 | 0.013 | 4    | 0.69 | 0.008 | 0.09 | 0.2  | 2.9  | 0.69 | 0.09 | 89   | 4.6  | 0.05  | 2.2  | <2    |
| 1302002 | Silt    | 8.1  | 20.4  | 0.28 | 263.8 | 0.024 | 2    | 0.68 | 0.007 | 0.05 | 0.2  | 2.3  | 0.36 | 0.04 | 96   | 3.2  | 0.06  | 2.3  | 2     |
| 1302003 | Silt    | 8.1  | 13.3  | 0.24 | 777.6 | 0.006 | 4    | 0.76 | 0.005 | 0.08 | 0.1  | 3.4  | 0.50 | 0.15 | 140  | 4.7  | 0.05  | 1.7  | <2    |
| 1302004 | Silt    | 14.8 | 50.5  | 0.91 | 367.8 | 0.047 | 2    | 1.01 | 0.009 | 0.08 | 0.1  | 3.1  | 0.21 | 0.08 | 101  | 2.1  | 0.06  | 3.2  | 8     |
| 1302005 | Silt    | 13.9 | 31.9  | 0.67 | 427.5 | 0.046 | 2    | 0.92 | 0.007 | 0.08 | <0.1 | 2.8  | 0.20 | 0.09 | 107  | 2.4  | 0.06  | 3.1  | 11    |
| 1302006 | Silt    | 8.1  | 27.8  | 0.81 | 215.8 | 0.004 | 5    | 0.74 | 0.004 | 0.17 | <0.1 | 6.5  | 0.44 | 0.24 | 143  | 1.4  | 0.03  | 1.9  | <2    |



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Project: FACE  
 Report Date: August 10, 2012

Page: 3 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000053P.2

| Method  | Analyte | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  |       |       |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd    | Sb   | Bi   | V    | Ca    | P     |       |
| Unit    | MDL     | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm  | %    | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm  | ppm  | %     | %     |       |
|         |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.1   | 0.5   | 0.01 | 0.02 | 0.02 | 2     | 0.01  | 0.001 |
| 1302007 | Silt    | 17.33 | 80.03 | 11.39 | 1288  | 581  | 184.5 | 42.8 | 898  | 3.48 | 14.3 | 4.4  | <0.2 | 2.3  | 117.1 | 13.09 | 2.61 | 0.11 | 107  | 1.28  | 0.121 |       |
| 1302008 | Silt    | 5.80  | 34.01 | 13.32 | 305.8 | 265  | 59.3  | 12.7 | 401  | 2.41 | 9.5  | 2.2  | <0.2 | 2.8  | 55.8  | 2.53  | 1.48 | 0.10 | 78   | 4.44  | 0.158 |       |
| 1302009 | Silt    | 26.35 | 85.35 | 12.20 | 1204  | 1092 | 123.1 | 6.1  | 192  | 2.46 | 27.8 | 8.0  | 1.8  | 2.1  | 139.4 | 13.55 | 8.18 | 0.20 | 370  | 1.65  | 0.224 |       |
| 1302010 | Silt    | 26.97 | 85.22 | 12.26 | 999.9 | 1188 | 129.2 | 6.6  | 230  | 2.35 | 26.0 | 6.7  | 2.2  | 2.6  | 138.1 | 13.96 | 8.89 | 0.17 | 366  | 2.47  | 0.228 |       |
| 1302011 | Silt    | 14.49 | 70.29 | 11.92 | 812.6 | 1134 | 120.6 | 9.9  | 243  | 2.53 | 19.7 | 7.7  | 1.4  | 2.8  | 129.5 | 7.46  | 5.49 | 0.13 | 222  | 2.07  | 0.341 |       |
| 1302101 | Silt    | 3.69  | 37.32 | 10.14 | 158.9 | 178  | 47.7  | 13.2 | 253  | 2.69 | 9.0  | 1.3  | 7.9  | 3.0  | 47.3  | 0.91  | 1.42 | 0.12 | 58   | 0.47  | 0.089 |       |
| 1302102 | Silt    | 20.09 | 48.53 | 22.68 | 1168  | 273  | 96.9  | 9.2  | 348  | 1.99 | 13.6 | 2.8  | 1.1  | 2.1  | 63.8  | 13.72 | 4.17 | 0.12 | 195  | 0.88  | 0.114 |       |
| 1302103 | Silt    | 20.51 | 65.43 | 22.72 | 1690  | 480  | 132.8 | 21.8 | 972  | 3.15 | 13.8 | 6.7  | 2.2  | 2.3  | 75.9  | 13.12 | 6.20 | 0.16 | 197  | 0.57  | 0.156 |       |
| 1302105 | Silt    | 12.13 | 64.25 | 11.95 | 361.5 | 836  | 64.5  | 8.2  | 274  | 2.07 | 16.7 | 4.8  | 2.1  | 2.8  | 119.9 | 6.04  | 4.60 | 0.11 | 205  | 2.19  | 0.267 |       |
| 1302106 | Silt    | 6.49  | 80.41 | 11.58 | 303.9 | 153  | 68.0  | 15.0 | 224  | 4.13 | 16.3 | 2.5  | 2.3  | 2.3  | 71.9  | 2.04  | 1.27 | 0.13 | 40   | 0.11  | 0.067 |       |
| 1302107 | Silt    | 7.52  | 36.21 | 11.57 | 283.9 | 286  | 60.1  | 6.4  | 310  | 2.42 | 13.0 | 5.6  | 2.2  | 1.3  | 39.7  | 3.11  | 2.05 | 0.09 | 116  | 2.18  | 0.181 |       |
| 1302108 | Silt    | 6.98  | 42.88 | 16.48 | 487.6 | 423  | 61.1  | 8.8  | 281  | 2.41 | 14.5 | 3.7  | 2.0  | 2.7  | 71.8  | 4.95  | 2.39 | 0.13 | 108  | 1.28  | 0.114 |       |
| 1302109 | Silt    | 0.82  | 19.28 | 16.74 | 172.9 | 96   | 33.7  | 11.7 | 278  | 2.62 | 7.0  | 0.6  | 1.2  | 4.0  | 22.6  | 0.55  | 0.41 | 0.14 | 34   | 0.66  | 0.087 |       |
| 1302110 | Silt    | 9.72  | 47.63 | 10.95 | 562.2 | 657  | 81.7  | 8.0  | 218  | 2.11 | 14.6 | 5.6  | 1.1  | 2.9  | 104.9 | 4.68  | 3.55 | 0.08 | 170  | 2.72  | 0.342 |       |
| 1302201 | Silt    | 21.59 | 65.04 | 15.03 | 984.5 | 562  | 129.8 | 22.0 | 972  | 2.66 | 17.1 | 3.2  | 2.0  | 2.5  | 86.2  | 17.08 | 5.97 | 0.11 | 219  | 0.64  | 0.112 |       |
| 1302202 | Silt    | 0.46  | 14.45 | 6.29  | 16.0  | 171  | 12.3  | 4.7  | 516  | 1.19 | 5.5  | 0.9  | 1.6  | 1.1  | 264.6 | 0.25  | 0.36 | 0.05 | 8    | 23.91 | 0.040 |       |
| 1302203 | Silt    | 0.78  | 22.10 | 10.18 | 35.8  | 271  | 24.4  | 9.7  | 653  | 1.95 | 7.4  | 1.2  | 23.0 | 1.4  | 478.1 | 0.28  | 1.41 | 0.15 | 12   | 20.06 | 0.081 |       |
| 1302204 | Silt    | 8.34  | 53.19 | 15.60 | 291.5 | 450  | 52.7  | 10.5 | 324  | 2.51 | 12.5 | 3.3  | 1.9  | 3.6  | 108.2 | 2.94  | 2.58 | 0.12 | 111  | 2.13  | 0.237 |       |
| 1302205 | Silt    | 21.27 | 75.12 | 16.93 | 1060  | 795  | 150.3 | 41.9 | 1465 | 2.91 | 21.9 | 4.0  | 2.5  | 2.5  | 123.0 | 11.63 | 4.64 | 0.14 | 155  | 0.70  | 0.156 |       |
| 1302206 | Silt    | 26.06 | 80.13 | 15.95 | 1439  | 722  | 219.1 | 70.5 | 2428 | 3.25 | 25.9 | 3.0  | 3.0  | 2.2  | 147.7 | 14.81 | 5.19 | 0.08 | 125  | 0.48  | 0.097 |       |
| 1302207 | Silt    | 23.83 | 74.84 | 12.09 | 788.5 | 735  | 164.1 | 62.1 | 1300 | 3.44 | 17.9 | 4.7  | 2.5  | 2.4  | 162.9 | 9.97  | 4.25 | 0.10 | 150  | 0.56  | 0.123 |       |
| 1302208 | Silt    | 7.49  | 28.43 | 10.61 | 246.9 | 397  | 53.8  | 7.6  | 309  | 1.83 | 12.5 | 2.8  | 1.3  | 2.0  | 46.3  | 2.06  | 2.32 | 0.08 | 126  | 0.84  | 0.126 |       |
| 1302209 | Silt    | 5.97  | 32.67 | 13.21 | 153.6 | 253  | 40.3  | 8.4  | 245  | 2.80 | 14.6 | 1.8  | 1.3  | 2.2  | 41.0  | 0.81  | 1.52 | 0.10 | 71   | 0.78  | 0.101 |       |
| 1302210 | Silt    | 9.46  | 46.65 | 15.07 | 232.0 | 601  | 47.2  | 7.2  | 245  | 2.30 | 17.2 | 2.5  | 2.4  | 1.7  | 169.2 | 2.97  | 2.88 | 0.11 | 87   | 0.56  | 0.115 |       |
| 1302211 | Silt    | 8.63  | 48.29 | 11.83 | 50.4  | 532  | 20.6  | 2.8  | 76   | 1.18 | 16.5 | 1.5  | 4.6  | 1.0  | 91.9  | 0.86  | 5.16 | 0.09 | 237  | 0.43  | 0.064 |       |
| 1302212 | Silt    | 17.81 | 56.37 | 22.45 | 530.7 | 998  | 45.5  | 2.4  | 69   | 1.91 | 18.9 | 4.0  | 3.1  | 1.4  | 85.8  | 5.82  | 6.53 | 0.09 | 172  | 0.69  | 0.108 |       |
| 1302213 | Silt    | 6.67  | 42.86 | 17.77 | 744.6 | 512  | 93.4  | 9.9  | 230  | 1.99 | 12.9 | 7.8  | 2.5  | 2.4  | 65.0  | 8.09  | 3.10 | 0.06 | 234  | 5.02  | 0.368 |       |





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Project: FACE  
 Report Date: August 10, 2012

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

DAW12000053P.2

| Method  | Analyte | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 3B-50 |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|------|------|------|-------|------|-------|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Ti   | S    | Hg   | Se   | Te    | Ga   | Au    |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   | ppm  | ppb   |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   | 0.1  | 2     |
| 1302007 | Silt    | 6.5  | 19.3 | 0.49 | 607.2 | 0.006 | 6    | 1.03 | 0.010 | 0.08 | <0.1 | 4.3  | 0.45 | 0.20 | 116  | 4.7  | 0.03  | 1.9  | 6     |
| 1302008 | Silt    | 8.2  | 27.4 | 2.30 | 364.2 | 0.016 | 5    | 0.68 | 0.006 | 0.10 | <0.1 | 3.5  | 0.26 | 0.23 | 70   | 2.0  | 0.03  | 1.9  | <2    |
| 1302009 | Silt    | 7.5  | 40.6 | 0.56 | 759.3 | 0.008 | 13   | 0.55 | 0.005 | 0.12 | 0.1  | 3.9  | 0.52 | 0.17 | 223  | 6.8  | 0.11  | 2.5  | 7     |
| 1302010 | Silt    | 8.7  | 38.4 | 0.94 | 1133  | 0.007 | 16   | 0.55 | 0.004 | 0.15 | 0.1  | 3.9  | 0.51 | 0.14 | 183  | 7.6  | 0.10  | 2.5  | 3     |
| 1302011 | Silt    | 11.8 | 63.2 | 0.62 | 1021  | 0.008 | 19   | 0.67 | 0.008 | 0.16 | 0.1  | 4.7  | 0.46 | 0.18 | 187  | 9.9  | 0.04  | 2.8  | 4     |
| 1302101 | Silt    | 8.3  | 23.8 | 0.39 | 486.8 | 0.016 | 4    | 0.81 | 0.009 | 0.06 | 0.3  | 3.0  | 0.19 | 0.04 | 51   | 1.3  | 0.04  | 2.8  | 5     |
| 1302102 | Silt    | 4.6  | 17.4 | 0.25 | 434.0 | 0.004 | 6    | 0.45 | 0.005 | 0.09 | 0.1  | 2.9  | 0.70 | 0.11 | 84   | 4.2  | <0.02 | 1.5  | 2     |
| 1302103 | Silt    | 8.0  | 17.1 | 0.22 | 282.5 | 0.005 | 5    | 0.81 | 0.002 | 0.08 | <0.1 | 2.4  | 0.46 | 0.08 | 134  | 5.2  | 0.05  | 2.0  | 3     |
| 1302105 | Silt    | 9.3  | 36.9 | 0.46 | 386.4 | 0.005 | 10   | 0.53 | 0.006 | 0.16 | <0.1 | 3.8  | 0.30 | 0.36 | 146  | 5.4  | 0.07  | 2.1  | 4     |
| 1302106 | Silt    | 3.6  | 18.0 | 0.22 | 434.3 | 0.002 | 2    | 1.35 | 0.009 | 0.07 | <0.1 | 5.7  | 0.27 | 0.19 | 75   | 1.3  | 0.10  | 2.7  | 3     |
| 1302107 | Silt    | 6.9  | 20.9 | 0.82 | 477.9 | 0.015 | 5    | 0.84 | 0.007 | 0.06 | <0.1 | 2.6  | 0.59 | 0.09 | 88   | 2.0  | 0.04  | 2.3  | 5     |
| 1302108 | Silt    | 6.1  | 18.1 | 0.60 | 650.6 | 0.007 | 8    | 0.77 | 0.006 | 0.11 | <0.1 | 3.3  | 0.30 | 0.15 | 88   | 3.5  | 0.03  | 2.1  | 3     |
| 1302109 | Silt    | 12.0 | 26.9 | 0.49 | 193.8 | 0.029 | 4    | 0.97 | 0.003 | 0.11 | <0.1 | 3.9  | 0.11 | 0.02 | 35   | 0.1  | <0.02 | 3.1  | <2    |
| 1302110 | Silt    | 10.3 | 49.5 | 0.96 | 640.5 | 0.008 | 16   | 0.63 | 0.006 | 0.17 | <0.1 | 3.8  | 0.30 | 0.23 | 113  | 6.9  | 0.07  | 2.5  | 4     |
| 1302201 | Silt    | 6.2  | 27.4 | 0.32 | 474.3 | 0.010 | 6    | 0.83 | 0.011 | 0.10 | 0.1  | 3.4  | 0.86 | 0.12 | 147  | 6.6  | 0.08  | 2.7  | <2    |
| 1302202 | Silt    | 3.0  | 5.2  | 0.37 | 186.7 | 0.005 | 3    | 0.21 | 0.005 | 0.04 | <0.1 | 1.6  | 0.07 | 0.20 | 68   | 1.7  | <0.02 | 0.6  | 13    |
| 1302203 | Silt    | 6.7  | 9.4  | 0.41 | 115.1 | 0.007 | 3    | 0.30 | 0.005 | 0.04 | <0.1 | 2.0  | 0.06 | 0.14 | 67   | 1.5  | 0.04  | 0.8  | 3     |
| 1302204 | Silt    | 14.8 | 28.1 | 0.60 | 694.7 | 0.038 | 9    | 0.85 | 0.010 | 0.12 | 0.1  | 3.6  | 0.29 | 0.13 | 129  | 2.2  | 0.07  | 3.0  | 3     |
| 1302205 | Silt    | 8.4  | 23.2 | 0.24 | 866.2 | 0.007 | 8    | 0.75 | 0.012 | 0.13 | <0.1 | 3.5  | 0.67 | 0.18 | 179  | 6.0  | 0.10  | 2.5  | 3     |
| 1302206 | Silt    | 5.5  | 20.9 | 0.23 | 1083  | 0.005 | 11   | 0.76 | 0.013 | 0.12 | <0.1 | 4.0  | 0.86 | 0.16 | 156  | 7.7  | 0.12  | 2.6  | 22    |
| 1302207 | Silt    | 6.2  | 26.7 | 0.26 | 781.1 | 0.007 | 7    | 0.84 | 0.012 | 0.09 | <0.1 | 3.7  | 0.44 | 0.14 | 126  | 5.7  | 0.10  | 2.6  | 8     |
| 1302208 | Silt    | 7.5  | 20.5 | 0.28 | 380.1 | 0.011 | 6    | 0.74 | 0.009 | 0.07 | 0.2  | 2.5  | 0.55 | 0.07 | 99   | 1.9  | 0.04  | 2.3  | <2    |
| 1302209 | Silt    | 5.1  | 17.1 | 0.41 | 474.3 | 0.006 | 3    | 0.81 | 0.007 | 0.08 | <0.1 | 2.9  | 0.32 | 0.06 | 104  | 1.4  | 0.04  | 2.4  | 2     |
| 1302210 | Silt    | 5.6  | 16.3 | 0.14 | 1003  | 0.006 | 8    | 0.61 | 0.015 | 0.11 | <0.1 | 2.5  | 0.52 | 0.18 | 114  | 5.8  | 0.19  | 2.1  | 7     |
| 1302211 | Silt    | 6.3  | 17.2 | 0.15 | 1694  | 0.015 | 5    | 0.58 | 0.006 | 0.06 | 0.2  | 2.2  | 0.37 | 0.08 | 162  | 7.3  | 0.12  | 2.5  | 5     |
| 1302212 | Silt    | 4.2  | 18.6 | 0.20 | 434.3 | 0.006 | 9    | 0.49 | 0.015 | 0.14 | 0.1  | 2.3  | 1.00 | 0.31 | 191  | 8.9  | 0.09  | 1.9  | 5     |
| 1302213 | Silt    | 17.8 | 49.3 | 2.18 | 503.8 | 0.029 | 9    | 0.88 | 0.007 | 0.18 | 0.2  | 3.7  | 0.70 | 0.07 | 142  | 2.0  | 0.06  | 3.2  | <2    |



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 Report Date: August 10, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000053P.2

| Method              | 1F30     | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30   |        |
|---------------------|----------|-------|-------|-------|-------|------|-------|------|------|-------|------|------|-------|------|-------|-------|-------|-------|------|--------|--------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd    | Sb    | Bi    | V     | Ca   | P      |        |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm   | ppm   | ppm   | ppm   | %    | %      |        |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01  | 0.02  | 0.02  | 2     | 0.01 | 0.001  |        |
| Pulp Duplicates     |          |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| 1301017             | Silt     | 10.02 | 58.37 | 24.74 | 888.8 | 370  | 111.4 | 20.4 | 561  | 2.91  | 13.6 | 2.5  | <0.2  | 2.9  | 74.1  | 6.30  | 2.62  | 0.13  | 114  | 0.81   | 0.211  |
| REP 1301017         | QC       | 10.24 | 56.45 | 24.74 | 922.0 | 356  | 113.4 | 21.0 | 566  | 2.93  | 13.4 | 2.5  | 0.2   | 2.9  | 71.3  | 6.17  | 2.65  | 0.12  | 113  | 0.82   | 0.206  |
| 1301026             | Silt     | 1.21  | 16.41 | 10.66 | 101.3 | 77   | 34.4  | 12.2 | 475  | 2.82  | 6.7  | 0.4  | 5.4   | 5.4  | 36.8  | 0.26  | 0.28  | 0.11  | 28   | 0.67   | 0.172  |
| REP 1301026         | QC       |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| 1302003             | Silt     | 19.57 | 60.94 | 19.63 | 1654  | 450  | 196.3 | 57.0 | 5027 | 13.20 | 10.5 | 29.6 | 0.5   | 2.4  | 90.9  | 7.36  | 3.01  | 0.12  | 84   | 1.00   | 0.152  |
| REP 1302003         | QC       | 20.09 | 65.21 | 20.04 | 1665  | 488  | 199.6 | 59.1 | 5127 | 13.32 | 11.1 | 30.0 | 1.6   | 2.5  | 94.9  | 7.70  | 3.06  | 0.12  | 85   | 1.01   | 0.148  |
| 1302010             | Silt     | 26.97 | 85.22 | 12.26 | 999.9 | 1188 | 129.2 | 6.6  | 230  | 2.35  | 26.0 | 6.7  | 2.2   | 2.6  | 138.1 | 13.96 | 8.89  | 0.17  | 366  | 2.47   | 0.228  |
| REP 1302010         | QC       |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| 1302206             | Silt     | 26.06 | 80.13 | 15.95 | 1439  | 722  | 219.1 | 70.5 | 2428 | 3.25  | 25.9 | 3.0  | 3.0   | 2.2  | 147.7 | 14.81 | 5.19  | 0.08  | 125  | 0.48   | 0.097  |
| REP 1302206         | QC       | 27.70 | 85.16 | 17.97 | 1533  | 815  | 235.1 | 75.4 | 2595 | 3.54  | 28.0 | 3.3  | 5.7   | 2.6  | 158.1 | 16.33 | 5.73  | 0.11  | 136  | 0.50   | 0.103  |
| 1302213             | Silt     | 6.67  | 42.86 | 17.77 | 744.6 | 512  | 93.4  | 9.9  | 230  | 1.99  | 12.9 | 7.8  | 2.5   | 2.4  | 65.0  | 8.09  | 3.10  | 0.06  | 234  | 5.02   | 0.368  |
| REP 1302213         | QC       | 6.61  | 40.77 | 17.10 | 724.3 | 453  | 92.8  | 9.5  | 218  | 1.90  | 13.0 | 7.7  | 2.2   | 2.2  | 60.5  | 7.85  | 3.01  | 0.05  | 231  | 4.75   | 0.359  |
| Reference Materials |          |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD DS9             | Standard | 12.98 | 110.5 | 128.0 | 308.5 | 1819 | 42.9  | 7.8  | 578  | 2.21  | 24.2 | 2.5  | 112.4 | 6.8  | 59.5  | 2.30  | 4.53  | 5.48  | 38   | 0.68   | 0.081  |
| STD DS9             | Standard | 13.02 | 109.2 | 121.0 | 294.4 | 1843 | 40.7  | 7.1  | 576  | 2.24  | 24.5 | 2.9  | 112.6 | 7.0  | 75.6  | 2.16  | 5.11  | 6.37  | 38   | 0.71   | 0.079  |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD OXA71           | Standard |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3  | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6  | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| STD OXA71 Expected  |          |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | 0.6   | <2   | <0.1  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| BLK                 | Blank    |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| BLK                 | Blank    |       |       |       |       |      |       |      |      |       |      |      |       |      |       |       |       |       |      |        |        |



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Project: FACE  
 Report Date: August 10, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000053P.2

| Method              | 1F30     | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  | 3B-50 |      |
|---------------------|----------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|-------|------|
| Analyte             | La       | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    | Au    |      |
| Unit                | ppm      | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   | ppb   |      |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   | 2     |      |
| Pulp Duplicates     |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       |      |
| 1301017             | Silt     | 9.9  | 34.8  | 0.45   | 616.4 | 0.009  | 4    | 0.87   | 0.006  | 0.13  | <0.1 | 2.9  | 0.43  | 0.14   | 84   | 3.6  | 0.09  | 3.0   | <2   |
| REP 1301017         | QC       | 9.7  | 34.3  | 0.45   | 565.7 | 0.008  | 3    | 0.86   | 0.006  | 0.13  | <0.1 | 2.8  | 0.42  | 0.14   | 96   | 3.3  | 0.12  | 2.9   |      |
| 1301026             | Silt     | 18.8 | 23.7  | 0.55   | 126.6 | 0.015  | <1   | 1.16   | 0.002  | 0.04  | <0.1 | 1.9  | 0.06  | 0.03   | 26   | 0.4  | <0.02 | 3.2   | 5    |
| REP 1301026         | QC       |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 12   |
| 1302003             | Silt     | 8.1  | 13.3  | 0.24   | 777.6 | 0.006  | 4    | 0.76   | 0.005  | 0.08  | 0.1  | 3.4  | 0.50  | 0.15   | 140  | 4.7  | 0.05  | 1.7   | <2   |
| REP 1302003         | QC       | 8.4  | 14.5  | 0.24   | 792.6 | 0.006  | 4    | 0.76   | 0.005  | 0.08  | <0.1 | 3.3  | 0.53  | 0.15   | 163  | 5.0  | 0.05  | 2.0   |      |
| 1302010             | Silt     | 8.7  | 38.4  | 0.94   | 1133  | 0.007  | 16   | 0.55   | 0.004  | 0.15  | 0.1  | 3.9  | 0.51  | 0.14   | 183  | 7.6  | 0.10  | 2.5   | 3    |
| REP 1302010         | QC       |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 2    |
| 1302206             | Silt     | 5.5  | 20.9  | 0.23   | 1083  | 0.005  | 11   | 0.76   | 0.013  | 0.12  | <0.1 | 4.0  | 0.86  | 0.16   | 156  | 7.7  | 0.12  | 2.6   | 22   |
| REP 1302206         | QC       | 6.0  | 22.9  | 0.25   | 1160  | 0.006  | 10   | 0.82   | 0.014  | 0.13  | <0.1 | 4.2  | 1.02  | 0.17   | 153  | 8.6  | 0.13  | 2.8   |      |
| 1302213             | Silt     | 17.8 | 49.3  | 2.18   | 503.8 | 0.029  | 9    | 0.88   | 0.007  | 0.18  | 0.2  | 3.7  | 0.70  | 0.07   | 142  | 2.0  | 0.06  | 3.2   | <2   |
| REP 1302213         | QC       | 17.0 | 48.6  | 2.06   | 486.0 | 0.026  | 9    | 0.83   | 0.007  | 0.18  | 0.1  | 3.5  | 0.69  | 0.06   | 133  | 2.0  | 0.06  | 3.1   | <2   |
| Reference Materials |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       |      |
| STD DS9             | Standard | 12.2 | 115.8 | 0.59   | 289.5 | 0.106  | 2    | 0.91   | 0.077  | 0.38  | 3.0  | 2.3  | 5.59  | 0.16   | 194  | 5.6  | 5.03  | 4.7   |      |
| STD DS9             | Standard | 14.5 | 110.0 | 0.60   | 294.4 | 0.118  | 2    | 0.97   | 0.091  | 0.39  | 2.8  | 2.6  | 5.38  | 0.15   | 220  | 4.6  | 4.73  | 4.4   |      |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 72   |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 71   |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 77   |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 77   |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 83   |
| STD OXA71           | Standard |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 92   |
| STD DS9 Expected    |          | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59  |      |
| STD OXA71 Expected  |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | 84.9 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | 6    | <0.1 | <0.02 | <0.1  |      |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1  |      |
| BLK                 | Blank    |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | <2   |
| BLK                 | Blank    |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | <2   |
| BLK                 | Blank    |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |       | <2   |



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QUALITY CONTROL REPORT

DAW12000053P.2

|     |       | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |       |
|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|     |       | Mo   | Cu   | Pb   | Zn   | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |
|     |       | ppm  | ppm  | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |
| BLK | Blank | 0.01 | 0.01 | 0.01 | 0.1  | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| BLK | Blank |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| BLK | Blank |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |



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QUALITY CONTROL REPORT

DAW12000053P.2

|     |       | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 3B-50 |     |
|-----|-------|------|------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|-------|-----|
|     |       | La   | Cr   | Mg   | Ba   | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga    | Au  |
|     |       | ppm  | ppm  | %    | ppm  | %     | ppm  | %    | %     | %    | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   | ppb |
|     |       | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   | 2   |
| BLK | Blank |      |      |      |      |       |      |      |       |      |      |      |      |      |      |      |      |       | <2  |
| BLK | Blank |      |      |      |      |       |      |      |       |      |      |      |      |      |      |      |      |       | <2  |
| BLK | Blank |      |      |      |      |       |      |      |       |      |      |      |      |      |      |      |      |       | <2  |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 03, 2012  
Report Date: July 20, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000087.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-3  
P.O. Number  
Number of Samples: 1

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

### ADDITIONAL COMMENTS



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



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 Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** July 20, 2012

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**Part:** 1 of 2

## CERTIFICATE OF ANALYSIS

DAW1200087.1

| Method  | WGHT | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30   | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 |    |
|---------|------|-------|------|-------|-------|-------|-------|------|-------|------|--------|------|------|------|------|------|-------|------|------|------|----|
| Analyte | Wgt  | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe     | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V    |    |
| Unit    | kg   | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %      | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  |    |
| MDL     | 0.01 | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01   | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | 2    |    |
| 1302104 | Silt |       | 8    | 13.10 | 25.56 | 12.48 | 718.5 | 210  | 244.6 | 45.9 | >10000 | 7.52 | 11.0 | 1.2  | 1.6  | 3.2  | 104.7 | 3.15 | 1.54 | 0.13 | 66 |



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**Report Date:** July 20, 2012

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**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

DAW1200087.1

| Method  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |     |
|---------|------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|-----|
| Analyte | Ca   | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |     |
| Unit    | %    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |     |
| MDL     | 0.01 | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |     |
| 1302104 | Silt | 2.76  | 0.133 | 20.8 | 32.0 | 0.92 | 552.9 | 0.062 | 2    | 1.02  | 0.007 | 0.09 | 0.1  | 3.9  | 0.31 | 0.05 | 77   | 1.3  | 0.04 | 4.3 |





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**Project:** FACE  
**Report Date:** July 20, 2012

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Part: 1 of 2

## QUALITY CONTROL REPORT

DAW12000087.1

| Method              | WGHT     | 3B-50 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 |
|---------------------|----------|-------|-------|-------|-------|-------|------|-------|------|--------|-------|------|------|-------|------|-------|-------|-------|-------|------|
| Analyte             | Wgt      | Au    | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn     | Fe    | As   | U    | Au    | Th   | Sr    | Cd    | Sb    | Bi    | V    |
| Unit                | kg       | ppb   | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm    | %     | ppm  | ppm  | ppb   | ppm  | ppm   | ppm   | ppm   | ppm   | ppm  |
| MDL                 | 0.01     | 2     | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1      | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5   | 0.01  | 0.02  | 0.02  | 2    |
| Pulp Duplicates     |          |       |       |       |       |       |      |       |      |        |       |      |      |       |      |       |       |       |       |      |
| 1302104             | Silt     | 8     | 13.10 | 25.56 | 12.48 | 718.5 | 210  | 244.6 | 45.9 | >10000 | 7.52  | 11.0 | 1.2  | 1.6   | 3.2  | 104.7 | 3.15  | 1.54  | 0.13  | 66   |
| REP 1302104         | QC       | 10    | 13.35 | 26.40 | 12.62 | 718.5 | 214  | 247.8 | 46.1 | >10000 | 7.58  | 11.0 | 1.2  | 2.4   | 3.2  | 107.2 | 3.30  | 1.53  | 0.12  | 67   |
| Reference Materials |          |       |       |       |       |       |      |       |      |        |       |      |      |       |      |       |       |       |       |      |
| STD DS9             | Standard |       | 12.95 | 109.1 | 113.7 | 289.2 | 1686 | 43.0  | 7.8  | 580    | 2.19  | 23.3 | 2.6  | 106.2 | 6.2  | 62.4  | 2.19  | 4.42  | 5.82  | 38   |
| STD OXC88           | Standard | 194   |       |       |       |       |      |       |      |        |       |      |      |       |      |       |       |       |       |      |
| STD DS9 Expected    |          |       | 12.84 | 108   | 126   | 317   | 1830 | 40.3  | 7.6  | 575    | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6  | 2.4   | 4.94  | 6.32  | 40   |
| STD OXC88 Expected  |          | 203   |       |       |       |       |      |       |      |        |       |      |      |       |      |       |       |       |       |      |
| BLK                 | Blank    |       | <0.01 | <0.01 | <0.01 | <0.1  | 4    | <0.1  | <0.1 | <1     | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   |
| BLK                 | Blank    | <2    |       |       |       |       |      |       |      |        |       |      |      |       |      |       |       |       |       |      |



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## QUALITY CONTROL REPORT

DAW1200087.1

| Method              | 1F30     | 1F30   | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  |      |
|---------------------|----------|--------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | Ca       | P      | La     | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | %        | %      | ppm    | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.01     | 0.001  | 0.5    | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302104             | Silt     | 2.76   | 0.133  | 20.8 | 32.0  | 0.92   | 552.9 | 0.062  | 2    | 1.02   | 0.007  | 0.09  | 0.1  | 3.9  | 0.31  | 0.05   | 77   | 1.3  | 0.04  | 4.3  |
| REP 1302104         | QC       | 2.75   | 0.132  | 21.8 | 32.4  | 0.93   | 558.5 | 0.067  | 2    | 1.05   | 0.008  | 0.09  | 0.1  | 3.9  | 0.30  | 0.06   | 63   | 1.2  | 0.03  | 4.5  |
| Reference Materials |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 0.68   | 0.072  | 13.5 | 109.7 | 0.57   | 286.5 | 0.114  | 2    | 0.89   | 0.080  | 0.36  | 2.8  | 2.3  | 5.05  | 0.16   | 190  | 5.2  | 4.75  | 4.5  |
| STD OXC88           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9 Expected    |          | 0.7201 | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| STD OXC88 Expected  |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    | 0.01   | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 03, 2012  
Report Date: August 09, 2012  
Page: 1 of 12

## CERTIFICATE OF ANALYSIS

## DAW12000088.2

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-1  
P.O. Number  
Number of Samples: 320

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 320               | Dry at 60C  |              |               | DAW |
| SS80        | 320               | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 320               | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 320               | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS

Version 2 : Revised sample ID from 613998 to 613988.



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: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 613988  | Soil    |      |     | 25.75   | 101.5   | 9.41    | 778.7   | 2119    | 119.0   | 5.0     | 109     | 1.73    | 24.1    | 9.1    | 2.6     | 2.0     | 153.7   | 12.27   | 9.72    | 0.17    | 463    | 0.83    | 0.188  |
| 1302051 | Soil    |      |     | <0.01   | 4.27    | 0.16    | 2.1     | 21      | 0.6     | 0.9     | 16      | 0.27    | 0.2     | <0.1   | <0.2    | <0.1    | 9.1     | 0.02    | 0.04    | 0.02    | 9      | 0.10    | 0.025  |
| 1302052 | Soil    |      |     | 0.03    | 4.10    | 0.24    | 4.3     | 17      | 0.9     | 0.9     | 17      | 0.27    | 0.2     | <0.1   | <0.2    | <0.1    | 10.6    | <0.01   | 0.02    | <0.02   | 9      | 0.10    | 0.024  |
| 1302053 | Soil    |      |     | 0.02    | 3.82    | 0.26    | 5.1     | 14      | 0.6     | 0.9     | 16      | 0.25    | 0.2     | <0.1   | <0.2    | <0.1    | 10.0    | <0.01   | <0.02   | <0.02   | 8      | 0.09    | 0.024  |
| 1302054 | Soil    |      |     | 4.92    | 37.31   | 12.65   | 96.0    | 116     | 29.7    | 7.1     | 117     | 2.27    | 13.0    | 1.4    | 2.8     | 2.6     | 26.8    | 0.59    | 1.76    | 0.15    | 89     | 0.07    | 0.025  |
| 1302055 | Soil    |      |     | 10.52   | 55.06   | 30.39   | 265.2   | 214     | 46.0    | 9.8     | 110     | 3.46    | 17.3    | 0.6    | 4.1     | 1.9     | 82.3    | 0.44    | 4.03    | 0.23    | 70     | 0.03    | 0.064  |
| 1302056 | Soil    |      |     | 12.21   | 40.66   | 17.92   | 272.2   | 551     | 46.7    | 9.0     | 157     | 3.68    | 20.5    | 0.5    | 1.2     | 2.3     | 45.8    | 0.78    | 2.56    | 0.22    | 84     | 0.05    | 0.075  |
| 1302057 | Soil    |      |     | 6.27    | 35.27   | 14.38   | 155.9   | 233     | 37.3    | 9.4     | 276     | 2.46    | 14.5    | 1.2    | 4.0     | 2.7     | 19.7    | 1.54    | 2.11    | 0.17    | 182    | 0.07    | 0.033  |
| 1302058 | Soil    |      |     | 5.87    | 261.7   | 21.90   | 998.4   | 447     | 146.2   | 18.4    | 1574    | 10.15   | 50.2    | 4.5    | 15.7    | 1.9     | 407.7   | 9.23    | 3.99    | 0.21    | 306    | 0.88    | 0.802  |
| 1302059 | Soil    |      |     | 11.62   | 30.83   | 38.93   | 155.1   | 521     | 21.5    | 5.7     | 107     | 4.17    | 66.7    | 0.8    | 11.2    | 1.4     | 105.6   | 0.89    | 4.94    | 0.24    | 261    | 0.06    | 0.214  |
| 1302060 | Soil    |      |     | 1.41    | 166.3   | 58.49   | 350.1   | 1892    | 24.8    | 2.0     | 364     | 13.02   | 67.6    | 4.4    | 79.4    | 1.3     | 614.6   | 1.96    | 10.92   | 0.11    | 203    | 0.32    | 0.915  |
| 1302061 | Soil    |      |     | 10.49   | 113.4   | 35.74   | 549.7   | 1938    | 85.0    | 9.4     | 248     | 8.53    | 135.3   | 1.9    | 11.6    | 1.6     | 240.4   | 2.26    | 4.37    | 0.23    | 171    | 0.04    | 0.173  |
| 1302062 | Soil    |      |     | 7.80    | 34.68   | 19.04   | 115.4   | 225     | 19.4    | 3.9     | 58      | 2.13    | 10.8    | 0.4    | 3.7     | 2.0     | 25.7    | 0.47    | 3.66    | 0.16    | 71     | 0.05    | 0.023  |
| 1302063 | Soil    |      |     | 7.47    | 26.75   | 17.03   | 103.4   | 218     | 17.5    | 4.8     | 109     | 1.91    | 10.0    | 0.7    | 2.8     | 2.5     | 20.0    | 0.44    | 2.35    | 0.17    | 96     | 0.07    | 0.027  |
| 1302064 | Soil    |      |     | 5.83    | 33.47   | 15.64   | 89.1    | 249     | 21.9    | 4.0     | 84      | 2.15    | 14.9    | 0.7    | 1.2     | 1.9     | 24.0    | 0.38    | 2.06    | 0.15    | 44     | 0.05    | 0.036  |
| 1302065 | Soil    |      |     | 0.90    | 26.52   | 17.43   | 99.5    | 131     | 79.8    | 17.5    | 162     | 4.27    | 8.8     | 1.1    | 2.0     | 0.9     | 97.6    | 0.52    | 0.59    | 0.15    | 29     | 12.32   | 0.220  |
| 1302066 | Soil    |      |     | 3.49    | 41.92   | 18.04   | 151.3   | 1096    | 35.1    | 6.0     | 86      | 3.54    | 25.0    | 0.3    | 1.5     | 2.2     | 102.4   | 0.88    | 1.50    | 0.19    | 67     | 0.07    | 0.091  |
| 1302067 | Soil    |      |     | 6.32    | 26.42   | 16.53   | 114.6   | 206     | 20.5    | 5.2     | 93      | 2.69    | 14.0    | 0.4    | 0.9     | 1.7     | 24.2    | 0.24    | 2.28    | 0.15    | 89     | 0.04    | 0.035  |
| 1302068 | Soil    |      |     | 5.68    | 36.55   | 23.32   | 117.3   | 596     | 26.5    | 6.2     | 86      | 3.49    | 89.0    | 0.5    | 2.0     | 2.3     | 80.8    | 0.29    | 5.24    | 0.18    | 85     | 0.04    | 0.102  |
| 1302069 | Soil    |      |     | 5.64    | 37.24   | 11.65   | 74.7    | 219     | 26.6    | 4.2     | 55      | 1.74    | 9.3     | 0.5    | 1.0     | 1.7     | 36.5    | 0.18    | 1.57    | 0.14    | 39     | 0.04    | 0.028  |
| 1302070 | Soil    |      |     | 4.77    | 20.09   | 14.43   | 68.1    | 201     | 14.0    | 4.0     | 85      | 1.93    | 9.1     | 0.3    | <0.2    | 1.4     | 22.3    | 0.31    | 1.60    | 0.13    | 72     | 0.05    | 0.028  |
| 1302071 | Soil    |      |     | 5.63    | 59.30   | 19.37   | 300.7   | 339     | 48.7    | 10.6    | 54      | 1.96    | 10.3    | 0.9    | 0.9     | 2.1     | 51.9    | 0.67    | 2.53    | 0.17    | 26     | 0.04    | 0.036  |
| 1302072 | Soil    |      |     | 10.53   | 32.46   | 21.18   | 132.7   | 181     | 27.9    | 6.8     | 145     | 2.90    | 16.8    | 0.9    | 2.5     | 2.7     | 22.3    | 0.50    | 2.97    | 0.17    | 265    | 0.05    | 0.036  |
| 1302073 | Soil    |      |     | 1.74    | 30.68   | 54.75   | 439.2   | 35      | 26.3    | 9.9     | 508     | 1.84    | 8.5     | 0.3    | <0.2    | 1.8     | 12.2    | 3.75    | 0.34    | 0.19    | 20     | 0.44    | 0.051  |
| 1302074 | Soil    |      |     | 3.52    | 34.95   | 66.58   | 706.2   | 208     | 29.8    | 13.4    | 703     | 3.60    | 9.3     | 0.7    | <0.2    | 1.1     | 17.7    | 2.51    | 0.78    | 0.22    | 44     | 0.30    | 0.160  |
| 1302075 | Soil    |      |     | 0.57    | 9.92    | 7.98    | 74.5    | 13      | 39.0    | 10.5    | 461     | 5.30    | 10.7    | 0.2    | <0.2    | 2.1     | 5.2     | 0.18    | 0.24    | 0.15    | 28     | 0.11    | 0.045  |
| 1302076 | Soil    |      |     | 1.09    | 54.17   | 23.66   | 132.9   | 33      | 273.1   | 63.2    | 958     | 8.32    | 3.0     | 0.2    | 0.9     | 3.3     | 85.0    | 0.88    | 0.28    | 0.08    | 86     | 3.44    | 0.169  |
| 1302077 | Soil    |      |     | 1.94    | 57.76   | 125.5   | 909.5   | 67      | 266.9   | 43.3    | 1534    | 6.58    | 1.7     | 0.2    | 1.3     | 2.8     | 53.3    | 8.14    | 0.33    | 0.05    | 42     | 4.49    | 0.096  |
| 1302078 | Soil    |      |     | 1.84    | 69.83   | 178.2   | 815.6   | 50      | 247.6   | 77.0    | 1656    | 8.37    | 5.0     | 0.4    | 0.2     | 4.5     | 73.1    | 8.05    | 0.50    | 0.07    | 129    | 2.35    | 0.137  |
| 1302079 | Soil    |      |     | 0.39    | 56.91   | 96.25   | 552.7   | 37      | 240.2   | 33.8    | 525     | 4.82    | 0.8     | 0.3    | 0.6     | 3.4     | 152.1   | 3.83    | 0.23    | 0.02    | 40     | 6.28    | 0.241  |



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Project: FACE  
 Report Date: August 09, 2012

Page: 2 of 12

Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |      |
|---------|---------|------|-------|------|-------|--------|------|------|--------|------|------|------|-------|-------|------|------|-------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |      |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 613988  | Soil    | 6.1  | 56.0  | 0.13 | 679.2 | 0.003  | 15   | 0.50 | 0.007  | 0.15 | 0.1  | 4.0  | 0.67  | 0.23  | 349  | 10.2 | 0.14  | 2.5  |
| 1302051 | Soil    | 1.0  | 1.1   | 0.02 | 13.4  | 0.013  | <1   | 0.12 | 0.077  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.6  |
| 1302052 | Soil    | 1.0  | 1.2   | 0.02 | 13.0  | 0.013  | <1   | 0.11 | 0.075  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.5  |
| 1302053 | Soil    | 1.0  | 1.1   | 0.02 | 11.7  | 0.012  | <1   | 0.11 | 0.073  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.5  |
| 1302054 | Soil    | 8.8  | 28.1  | 0.33 | 454.0 | 0.008  | 2    | 1.22 | 0.007  | 0.07 | <0.1 | 3.5  | 0.37  | 0.07  | 40   | 1.4  | 0.03  | 3.5  |
| 1302055 | Soil    | 3.1  | 24.1  | 0.20 | 394.6 | 0.002  | 3    | 1.24 | 0.028  | 0.12 | <0.1 | 3.2  | 1.23  | 0.27  | 41   | 3.5  | 0.11  | 3.4  |
| 1302056 | Soil    | 3.9  | 27.9  | 0.19 | 416.5 | 0.002  | 3    | 1.60 | 0.021  | 0.12 | <0.1 | 3.0  | 0.83  | 0.17  | 55   | 2.2  | 0.09  | 4.7  |
| 1302057 | Soil    | 8.2  | 33.6  | 0.27 | 545.8 | 0.011  | 2    | 1.64 | 0.004  | 0.06 | 0.1  | 3.0  | 0.41  | 0.04  | 38   | 1.3  | 0.07  | 4.4  |
| 1302058 | Soil    | 8.4  | 58.4  | 0.16 | 626.6 | 0.009  | 5    | 2.58 | <0.001 | 0.11 | 0.2  | 9.6  | 0.50  | 0.13  | 182  | 6.1  | 0.21  | 5.9  |
| 1302059 | Soil    | 6.9  | 45.3  | 0.14 | 488.5 | 0.010  | 2    | 1.62 | 0.005  | 0.16 | 0.2  | 3.2  | 0.98  | 0.41  | 115  | 10.8 | 0.43  | 5.9  |
| 1302060 | Soil    | 4.6  | 44.3  | 0.02 | 154.2 | 0.002  | 5    | 0.89 | 0.026  | 0.19 | 0.2  | 15.2 | 1.72  | 0.97  | 959  | 34.9 | 0.32  | 2.0  |
| 1302061 | Soil    | 6.0  | 40.9  | 0.05 | 654.7 | <0.001 | 4    | 1.34 | 0.009  | 0.11 | 0.1  | 2.7  | 0.51  | 0.26  | 126  | 13.0 | 0.49  | 2.2  |
| 1302062 | Soil    | 3.7  | 18.5  | 0.17 | 763.4 | 0.003  | 2    | 1.00 | 0.012  | 0.10 | <0.1 | 2.4  | 0.69  | 0.17  | 30   | 2.5  | 0.06  | 3.3  |
| 1302063 | Soil    | 4.5  | 21.1  | 0.19 | 645.3 | 0.006  | 2    | 0.94 | 0.016  | 0.12 | <0.1 | 2.7  | 0.81  | 0.16  | 42   | 1.4  | 0.09  | 3.4  |
| 1302064 | Soil    | 3.7  | 12.8  | 0.12 | 943.0 | 0.002  | 3    | 0.59 | 0.010  | 0.12 | <0.1 | 2.8  | 0.41  | 0.16  | 52   | 1.5  | 0.09  | 1.9  |
| 1302065 | Soil    | 23.4 | 12.8  | 0.33 | 319.9 | 0.003  | 4    | 0.65 | 0.015  | 0.06 | <0.1 | 2.9  | 0.80  | 0.15  | 115  | 1.2  | 0.09  | 1.4  |
| 1302066 | Soil    | 4.0  | 30.8  | 0.28 | 1260  | 0.002  | 2    | 1.83 | 0.022  | 0.17 | <0.1 | 2.8  | 0.33  | 0.23  | 64   | 2.0  | 0.13  | 5.2  |
| 1302067 | Soil    | 4.7  | 28.1  | 0.27 | 424.2 | 0.005  | 1    | 1.53 | 0.007  | 0.10 | <0.1 | 2.4  | 0.48  | 0.10  | 24   | 1.7  | 0.07  | 4.2  |
| 1302068 | Soil    | 6.7  | 32.9  | 0.21 | 908.5 | 0.003  | 2    | 1.49 | 0.019  | 0.14 | <0.1 | 2.8  | 0.45  | 0.29  | 54   | 3.0  | 0.08  | 4.8  |
| 1302069 | Soil    | 1.9  | 20.7  | 0.25 | 775.7 | 0.001  | 3    | 0.91 | 0.010  | 0.14 | <0.1 | 3.0  | 0.54  | 0.20  | 73   | 1.7  | 0.06  | 3.0  |
| 1302070 | Soil    | 5.2  | 18.5  | 0.19 | 495.1 | 0.006  | 2    | 1.03 | 0.005  | 0.09 | <0.1 | 1.9  | 0.33  | 0.07  | 27   | 0.7  | 0.05  | 3.8  |
| 1302071 | Soil    | 2.4  | 7.7   | 0.05 | 810.4 | <0.001 | 3    | 0.44 | 0.019  | 0.13 | <0.1 | 4.4  | 0.55  | 0.19  | 74   | 2.6  | 0.10  | 1.1  |
| 1302072 | Soil    | 6.5  | 40.0  | 0.28 | 453.6 | 0.008  | 4    | 1.81 | 0.002  | 0.10 | 0.1  | 2.8  | 0.81  | 0.07  | 46   | 1.9  | 0.13  | 5.2  |
| 1302073 | Soil    | 3.4  | 15.4  | 0.14 | 297.6 | 0.002  | 4    | 0.87 | 0.004  | 0.16 | <0.1 | 3.2  | 0.21  | 0.03  | 21   | 0.2  | 0.02  | 2.6  |
| 1302074 | Soil    | 6.7  | 19.3  | 0.10 | 236.8 | 0.003  | 3    | 0.81 | 0.007  | 0.17 | <0.1 | 2.5  | 0.60  | <0.02 | 18   | 0.6  | 0.07  | 2.9  |
| 1302075 | Soil    | 4.5  | 26.0  | 0.14 | 135.9 | 0.003  | 2    | 0.75 | 0.001  | 0.08 | <0.1 | 3.8  | 0.17  | <0.02 | 9    | 0.1  | 0.03  | 2.6  |
| 1302076 | Soil    | 50.9 | 294.8 | 1.07 | 457.9 | 0.009  | 6    | 2.82 | 0.008  | 0.16 | <0.1 | 18.2 | 0.33  | 0.04  | 26   | 0.2  | 0.02  | 10.6 |
| 1302077 | Soil    | 38.1 | 208.6 | 1.32 | 290.3 | 0.005  | 6    | 2.19 | 0.005  | 0.22 | <0.1 | 13.3 | 0.59  | 0.04  | 64   | 0.3  | <0.02 | 8.9  |
| 1302078 | Soil    | 66.8 | 288.9 | 0.58 | 639.9 | 0.008  | 6    | 2.79 | 0.005  | 0.20 | <0.1 | 20.2 | 1.73  | 0.03  | 49   | 0.1  | <0.02 | 11.9 |
| 1302079 | Soil    | 58.4 | 287.2 | 0.86 | 416.8 | 0.004  | 9    | 1.99 | 0.002  | 0.41 | <0.1 | 12.7 | 1.84  | 0.05  | 73   | 0.5  | <0.02 | 7.8  |

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Project: FACE  
 Report Date: August 09, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302080 | Soil    |      |     | 1.53    | 23.72   | 24.15   | 90.0    | 175     | 159.6   | 38.6    | 543     | 5.72    | 3.5     | 0.7    | <0.2    | 4.3     | 43.2    | 0.25    | 0.44    | 0.08    | 255    | 1.02    | 0.082  |
| 1302081 | Soil    |      |     | 0.14    | 39.43   | 16.74   | 111.3   | 93      | 207.1   | 36.5    | 231     | 4.82    | 0.2     | 1.9    | 0.3     | 8.2     | 275.6   | 0.26    | 0.09    | <0.02   | 95     | 5.76    | 0.720  |
| 1302082 | Soil    |      |     | 0.84    | 33.97   | 122.0   | 1448    | 49      | 182.6   | 27.2    | 495     | 4.04    | 1.0     | 0.5    | 0.6     | 3.7     | 129.5   | 6.40    | 0.30    | 0.02    | 43     | 3.79    | 0.437  |
| 1302083 | Soil    |      |     | 1.66    | 43.98   | 18.04   | 251.7   | 75      | 215.8   | 47.2    | 558     | 8.12    | 7.9     | 0.7    | 0.9     | 7.0     | 197.3   | 1.08    | 0.33    | 0.05    | 53     | 4.94    | 0.607  |
| 1302084 | Soil    |      |     | 1.02    | 71.91   | 131.9   | 1109    | 35      | 211.7   | 39.9    | 1474    | 7.48    | 1.9     | 0.3    | 0.3     | 4.1     | 59.0    | 9.10    | 0.31    | 0.06    | 115    | 3.30    | 0.145  |
| 1302085 | Soil    |      |     | 3.08    | 67.54   | 932.2   | 3050    | 92      | 221.7   | 48.8    | 1910    | 9.79    | 9.6     | 0.5    | 2.6     | 3.8     | 31.6    | 41.24   | 1.04    | 0.05    | 70     | 0.96    | 0.132  |
| 1302086 | Soil    |      |     | 0.03    | 3.97    | 2.65    | 4.6     | 14      | 0.7     | 0.9     | 19      | 0.29    | 0.1     | <0.1   | 2.2     | <0.1    | 10.5    | 0.04    | 0.04    | 0.04    | 9      | 0.09    | 0.022  |
| 1302087 | Soil    |      |     | 25.75   | 76.15   | 74.39   | 1499    | 1893    | 171.1   | 6.7     | 1339    | 10.46   | 98.8    | 13.0   | 24.3    | 1.7     | 129.9   | 15.10   | 9.36    | 0.24    | 203    | 0.40    | 0.174  |
| 1302088 | Soil    |      |     | 5.33    | 31.83   | 21.28   | 185.8   | 594     | 29.2    | 7.6     | 186     | 2.04    | 9.7     | 0.4    | 3.0     | 1.8     | 32.2    | 1.26    | 2.22    | 0.21    | 55     | 0.08    | 0.038  |
| 1302089 | Soil    |      |     | 6.54    | 48.34   | 25.27   | 175.2   | 584     | 41.5    | 9.5     | 244     | 2.09    | 10.2    | 0.6    | 5.3     | 2.2     | 55.5    | 1.79    | 2.58    | 0.26    | 42     | 0.21    | 0.045  |
| 1302090 | Soil    |      |     | 8.47    | 51.97   | 21.01   | 150.3   | 499     | 43.9    | 5.7     | 120     | 1.95    | 12.2    | 1.4    | 3.6     | 2.0     | 48.0    | 1.72    | 3.12    | 0.18    | 121    | 0.21    | 0.066  |
| 1302091 | Soil    |      |     | 6.86    | 41.89   | 21.10   | 125.1   | 418     | 43.7    | 5.3     | 336     | 2.35    | 14.0    | 0.5    | 2.7     | 2.3     | 71.8    | 1.11    | 2.37    | 0.22    | 48     | 0.23    | 0.047  |
| 1302092 | Soil    |      |     | 7.84    | 50.50   | 27.62   | 169.6   | 633     | 46.8    | 5.5     | 87      | 2.55    | 16.0    | 0.5    | 3.4     | 2.0     | 54.3    | 1.69    | 3.33    | 0.21    | 49     | 0.14    | 0.061  |
| 1302093 | Soil    |      |     | 7.19    | 44.84   | 24.36   | 183.5   | 818     | 27.9    | 7.8     | 161     | 3.07    | 29.7    | 0.7    | 3.7     | 2.3     | 89.2    | 1.50    | 3.91    | 0.21    | 59     | 0.08    | 0.091  |
| 1302094 | Soil    |      |     | 5.05    | 37.51   | 18.91   | 116.8   | 490     | 30.9    | 8.2     | 220     | 2.64    | 16.4    | 0.9    | 4.4     | 1.6     | 46.3    | 1.09    | 2.40    | 0.20    | 80     | 0.20    | 0.071  |
| 1302095 | Soil    |      |     | 6.21    | 58.52   | 15.57   | 1140    | 474     | 598.3   | 41.2    | 747     | 2.96    | 8.8     | 0.9    | 3.8     | 2.5     | 85.8    | 17.02   | 2.16    | 0.16    | 60     | 1.07    | 0.109  |
| 1302096 | Soil    |      |     | 6.60    | 42.24   | 22.64   | 158.6   | 648     | 43.5    | 8.3     | 130     | 3.23    | 29.0    | 0.6    | 3.3     | 2.5     | 82.9    | 1.51    | 3.45    | 0.19    | 63     | 0.14    | 0.078  |
| 1302097 | Soil    |      |     | 1.39    | 20.40   | 245.9   | 835.7   | 225     | 35.9    | 11.8    | 1200    | 2.38    | 10.0    | 0.5    | 0.6     | 0.3     | 96.4    | 6.66    | 0.56    | 0.11    | 21     | 10.98   | 0.126  |
| 1302098 | Soil    |      |     | 1.49    | 33.47   | 181.9   | 609.2   | 77      | 97.8    | 24.0    | 1350    | 3.77    | 24.8    | 0.6    | <0.2    | 4.6     | 55.1    | 3.44    | 0.52    | 0.17    | 30     | 1.64    | 0.312  |
| 1302099 | Soil    |      |     | 1.34    | 23.23   | 75.07   | 448.8   | 170     | 49.4    | 14.5    | 928     | 2.59    | 4.5     | 0.9    | 1.2     | 0.4     | 87.9    | 3.65    | 0.49    | 0.08    | 29     | 9.44    | 0.163  |
| 1302100 | Soil    |      |     | 4.36    | 23.66   | 16.47   | 111.9   | 177     | 24.7    | 5.2     | 117     | 2.32    | 9.9     | 0.3    | 1.1     | 1.3     | 29.3    | 0.72    | 1.58    | 0.19    | 63     | 0.13    | 0.045  |
| 1302351 | Soil    |      |     | 2.70    | 18.12   | 11.10   | 77.8    | 30      | 23.6    | 11.3    | 327     | 3.60    | 12.1    | 0.5    | 1.4     | 3.2     | 10.2    | 0.26    | 0.95    | 0.26    | 77     | 0.09    | 0.041  |
| 1302352 | Soil    |      |     | 1.95    | 23.06   | 8.86    | 54.7    | 28      | 17.5    | 10.1    | 239     | 4.27    | 5.7     | 0.6    | <0.2    | 2.3     | 6.3     | 0.11    | 0.65    | 0.44    | 43     | 0.06    | 0.059  |
| 1302353 | Soil    |      |     | 1.09    | 22.74   | 7.17    | 90.8    | 24      | 24.5    | 12.3    | 226     | 3.38    | 7.6     | 0.3    | 0.3     | 2.2     | 6.1     | 0.18    | 0.45    | 0.61    | 35     | 0.05    | 0.016  |
| 1302354 | Soil    |      |     | 0.81    | 10.83   | 4.69    | 54.8    | 13      | 19.5    | 9.6     | 224     | 3.52    | 2.8     | 0.4    | 0.8     | 2.9     | 5.4     | 0.07    | 0.41    | 0.24    | 35     | 0.04    | 0.026  |
| 1302355 | Soil    |      |     | 2.02    | 13.05   | 13.43   | 39.3    | 22      | 12.4    | 5.3     | 158     | 2.66    | 9.3     | 0.6    | 1.8     | 3.6     | 9.9     | 0.12    | 0.75    | 0.24    | 65     | 0.07    | 0.020  |
| 1302356 | Soil    |      |     | 1.72    | 24.07   | 12.08   | 57.9    | 30      | 29.3    | 13.5    | 411     | 3.20    | 9.9     | 0.6    | 1.6     | 3.8     | 10.6    | 0.22    | 0.85    | 0.28    | 48     | 0.09    | 0.031  |
| 1302357 | Soil    |      |     | 0.96    | 40.24   | 13.38   | 66.5    | 131     | 26.7    | 14.3    | 104     | 3.02    | 11.6    | 0.3    | 0.3     | 2.2     | 5.1     | 0.11    | 0.42    | 0.23    | 29     | 0.05    | 0.012  |
| 1302358 | Soil    |      |     | 0.95    | 11.15   | 6.66    | 57.7    | 43      | 14.6    | 7.2     | 146     | 2.41    | 3.3     | 0.3    | <0.2    | 2.0     | 6.6     | 0.09    | 0.45    | 0.25    | 35     | 0.05    | 0.020  |
| 1302359 | Soil    |      |     | 1.49    | 10.84   | 8.72    | 55.8    | 43      | 13.1    | 7.6     | 536     | 2.64    | 5.0     | 0.4    | 0.6     | 2.2     | 8.1     | 0.14    | 0.55    | 0.26    | 52     | 0.07    | 0.028  |



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CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | Analyte | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |      |
|---------|---------|-------|-------|------|-------|-------|------|------|--------|------|------|------|-------|-------|------|------|-------|------|
|         |         | La    | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm   | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |      |
| MDL     |         | 0.5   | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1302080 | Soil    | 49.8  | 137.6 | 0.69 | 423.4 | 0.019 | 4    | 2.93 | 0.008  | 0.17 | <0.1 | 7.3  | 0.41  | 0.02  | 24   | 0.2  | 0.04  | 15.2 |
| 1302081 | Soil    | 125.7 | 128.2 | 1.46 | 339.1 | 0.012 | 12   | 2.48 | 0.012  | 0.97 | <0.1 | 3.8  | 0.99  | 0.03  | 19   | 0.1  | <0.02 | 12.9 |
| 1302082 | Soil    | 81.5  | 144.6 | 0.67 | 459.9 | 0.007 | 12   | 1.74 | 0.008  | 0.49 | <0.1 | 7.9  | 0.89  | 0.06  | 71   | 0.3  | <0.02 | 8.2  |
| 1302083 | Soil    | 93.3  | 159.4 | 0.60 | 644.9 | 0.009 | 11   | 2.25 | 0.007  | 0.59 | <0.1 | 12.2 | 0.76  | 0.03  | 44   | 0.2  | <0.02 | 10.2 |
| 1302084 | Soil    | 65.0  | 302.4 | 0.74 | 631.5 | 0.009 | 7    | 3.11 | 0.002  | 0.24 | <0.1 | 18.8 | 1.00  | 0.04  | 77   | 0.2  | <0.02 | 12.6 |
| 1302085 | Soil    | 74.3  | 103.9 | 0.31 | 449.8 | 0.003 | 4    | 1.38 | 0.002  | 0.20 | <0.1 | 16.5 | 1.61  | 0.06  | 2608 | 0.9  | 0.03  | 5.0  |
| 1302086 | Soil    | 1.0   | 0.8   | 0.02 | 12.3  | 0.014 | <1   | 0.11 | 0.081  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.5  |
| 1302087 | Soil    | 5.1   | 43.6  | 0.13 | 486.6 | 0.005 | 7    | 1.12 | 0.021  | 0.25 | <0.1 | 5.3  | 1.48  | 0.39  | 242  | 24.3 | 0.34  | 4.2  |
| 1302088 | Soil    | 4.1   | 18.3  | 0.20 | 651.3 | 0.004 | 2    | 0.93 | 0.021  | 0.12 | <0.1 | 2.3  | 0.54  | 0.14  | 40   | 1.4  | 0.07  | 3.0  |
| 1302089 | Soil    | 3.2   | 18.8  | 0.25 | 806.9 | 0.002 | 4    | 0.90 | 0.025  | 0.16 | <0.1 | 3.7  | 0.76  | 0.21  | 106  | 2.3  | 0.07  | 3.0  |
| 1302090 | Soil    | 5.3   | 23.8  | 0.27 | 748.5 | 0.008 | 5    | 0.85 | 0.014  | 0.11 | 0.1  | 2.8  | 0.62  | 0.14  | 90   | 3.2  | 0.09  | 2.7  |
| 1302091 | Soil    | 4.3   | 21.6  | 0.29 | 811.6 | 0.003 | 3    | 0.95 | 0.022  | 0.14 | <0.1 | 3.1  | 0.90  | 0.23  | 91   | 2.2  | 0.06  | 3.0  |
| 1302092 | Soil    | 3.2   | 25.2  | 0.26 | 670.8 | 0.002 | 4    | 0.89 | 0.017  | 0.16 | <0.1 | 3.3  | 0.75  | 0.24  | 93   | 3.3  | 0.10  | 3.0  |
| 1302093 | Soil    | 4.6   | 23.4  | 0.23 | 466.7 | 0.003 | 3    | 1.10 | 0.036  | 0.16 | <0.1 | 3.0  | 0.80  | 0.38  | 104  | 3.5  | 0.09  | 3.2  |
| 1302094 | Soil    | 6.7   | 30.7  | 0.31 | 1013  | 0.004 | 2    | 1.27 | 0.007  | 0.11 | <0.1 | 3.1  | 0.38  | 0.07  | 79   | 2.1  | 0.06  | 4.0  |
| 1302095 | Soil    | 21.9  | 60.4  | 0.57 | 1309  | 0.005 | 6    | 2.05 | 0.010  | 0.22 | <0.1 | 6.4  | 0.81  | 0.16  | 176  | 5.8  | 0.07  | 4.9  |
| 1302096 | Soil    | 5.8   | 32.5  | 0.37 | 666.6 | 0.005 | 4    | 1.24 | 0.028  | 0.18 | <0.1 | 3.2  | 0.71  | 0.32  | 44   | 2.5  | 0.12  | 3.6  |
| 1302097 | Soil    | 14.9  | 15.9  | 2.49 | 266.0 | 0.006 | 6    | 0.48 | 0.011  | 0.13 | <0.1 | 1.1  | 0.63  | 0.16  | 72   | 0.6  | 0.02  | 1.5  |
| 1302098 | Soil    | 48.3  | 64.2  | 0.43 | 359.2 | 0.009 | 9    | 1.29 | 0.006  | 0.41 | <0.1 | 5.6  | 0.84  | 0.06  | 28   | 0.3  | 0.04  | 5.4  |
| 1302099 | Soil    | 27.4  | 27.7  | 2.55 | 468.0 | 0.014 | 9    | 0.92 | 0.012  | 0.16 | <0.1 | 1.3  | 0.90  | 0.11  | 79   | 0.7  | <0.02 | 3.5  |
| 1302100 | Soil    | 5.5   | 22.4  | 0.26 | 643.3 | 0.007 | 3    | 1.11 | 0.010  | 0.12 | <0.1 | 2.1  | 0.30  | 0.07  | 24   | 0.9  | 0.06  | 3.9  |
| 1302351 | Soil    | 9.1   | 32.4  | 0.39 | 218.0 | 0.026 | 1    | 2.30 | 0.003  | 0.06 | 0.2  | 2.9  | 0.14  | <0.02 | 22   | 0.4  | 0.05  | 6.0  |
| 1302352 | Soil    | 4.0   | 23.4  | 0.27 | 135.0 | 0.007 | 2    | 1.64 | 0.004  | 0.08 | <0.1 | 2.1  | 0.11  | <0.02 | 33   | 0.3  | 0.05  | 5.4  |
| 1302353 | Soil    | 3.4   | 27.1  | 0.45 | 118.1 | 0.005 | 2    | 2.06 | 0.002  | 0.11 | <0.1 | 2.2  | 0.10  | <0.02 | 12   | 0.2  | 0.05  | 4.8  |
| 1302354 | Soil    | 4.4   | 25.0  | 0.31 | 282.4 | 0.003 | 1    | 2.14 | <0.001 | 0.10 | <0.1 | 3.0  | 0.13  | <0.02 | 17   | 0.2  | 0.03  | 5.7  |
| 1302355 | Soil    | 11.3  | 25.1  | 0.23 | 116.0 | 0.029 | 1    | 1.50 | 0.004  | 0.04 | 0.1  | 2.5  | 0.13  | <0.02 | 30   | 0.5  | 0.04  | 5.9  |
| 1302356 | Soil    | 8.2   | 29.9  | 0.48 | 189.5 | 0.025 | 3    | 1.86 | 0.004  | 0.08 | 0.1  | 3.2  | 0.13  | <0.02 | 17   | 0.4  | 0.04  | 4.3  |
| 1302357 | Soil    | 3.5   | 24.1  | 0.42 | 187.2 | 0.004 | 2    | 1.80 | 0.001  | 0.09 | <0.1 | 2.2  | 0.08  | <0.02 | 16   | 0.2  | 0.03  | 4.5  |
| 1302358 | Soil    | 5.0   | 18.7  | 0.25 | 338.6 | 0.005 | 2    | 1.56 | 0.004  | 0.11 | <0.1 | 2.1  | 0.10  | <0.02 | 15   | <0.1 | 0.04  | 5.0  |
| 1302359 | Soil    | 7.0   | 20.4  | 0.22 | 228.6 | 0.010 | <1   | 1.60 | 0.007  | 0.07 | 0.1  | 2.2  | 0.13  | <0.02 | 25   | 0.2  | 0.05  | 6.3  |

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 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302360 | Soil    |      |     | 1.57    | 13.11   | 11.75   | 36.1    | 68      | 10.6    | 5.1     | 194     | 2.92    | 7.7     | 0.4    | 0.7     | 2.0     | 7.7     | 0.09    | 0.54    | 0.26    | 60     | 0.06    | 0.029  |
| 1302361 | Soil    |      |     | 1.95    | 18.64   | 11.51   | 73.5    | 44      | 24.2    | 12.7    | 360     | 3.25    | 10.5    | 0.5    | 1.4     | 3.5     | 9.3     | 0.19    | 0.85    | 0.33    | 60     | 0.08    | 0.037  |
| 1302362 | Soil    |      |     | 1.40    | 13.74   | 14.04   | 58.2    | 94      | 16.6    | 9.3     | 504     | 3.01    | 6.1     | 0.4    | 0.4     | 2.2     | 9.9     | 0.12    | 0.55    | 0.29    | 43     | 0.08    | 0.033  |
| 1302363 | Soil    |      |     | 2.02    | 24.26   | 22.25   | 59.0    | 56      | 30.4    | 13.0    | 300     | 3.72    | 13.5    | 0.4    | 1.2     | 2.9     | 10.6    | 0.11    | 0.85    | 0.40    | 50     | 0.08    | 0.037  |
| 1302364 | Soil    |      |     | 1.59    | 11.57   | 9.59    | 59.1    | 23      | 16.4    | 7.4     | 183     | 3.14    | 6.6     | 0.3    | 0.8     | 2.4     | 5.9     | 0.13    | 0.64    | 0.28    | 53     | 0.05    | 0.024  |
| 1302365 | Soil    |      |     | 1.11    | 44.45   | 19.46   | 111.9   | 25      | 294.5   | 73.8    | 2373    | 7.21    | 55.8    | 0.3    | 0.6     | 4.4     | 27.6    | 0.37    | 0.54    | 0.18    | 74     | 1.56    | 0.088  |
| 1302366 | Soil    |      |     | 0.71    | 60.38   | 8.13    | 66.3    | 26      | 280.6   | 52.4    | 1459    | 6.06    | 5.9     | 0.3    | <0.2    | 2.4     | 51.2    | 0.26    | 0.23    | 0.08    | 121    | 2.97    | 0.099  |
| 1302367 | Soil    |      |     | 1.62    | 15.29   | 10.09   | 56.0    | 31      | 30.9    | 9.4     | 153     | 2.95    | 9.0     | 0.3    | 0.5     | 2.6     | 8.4     | 0.12    | 0.79    | 0.21    | 62     | 0.08    | 0.016  |
| 1302368 | Soil    |      |     | 1.34    | 12.75   | 11.38   | 61.9    | 46      | 16.3    | 7.6     | 176     | 2.84    | 8.5     | 0.5    | <0.2    | 2.4     | 6.8     | 0.09    | 0.60    | 0.40    | 44     | 0.07    | 0.030  |
| 1302369 | Soil    |      |     | 1.31    | 21.74   | 9.62    | 52.9    | 46      | 28.8    | 12.1    | 292     | 2.38    | 6.5     | 0.5    | 0.7     | 2.6     | 12.7    | 0.15    | 0.60    | 0.19    | 37     | 0.14    | 0.032  |
| 1302370 | Soil    |      |     | 1.52    | 21.32   | 11.43   | 65.5    | 58      | 29.8    | 12.8    | 522     | 2.44    | 7.7     | 0.6    | 0.9     | 2.5     | 18.2    | 0.21    | 0.59    | 0.23    | 36     | 0.19    | 0.048  |
| 1302371 | Soil    |      |     | 6.66    | 41.63   | 55.35   | 324.2   | 123     | 36.8    | 9.7     | 328     | 3.02    | 23.9    | 0.7    | 1.8     | 2.2     | 10.0    | 0.73    | 2.12    | 0.22    | 58     | 0.10    | 0.068  |
| 1302372 | Soil    |      |     | 11.02   | 43.82   | 26.88   | 309.2   | 462     | 47.3    | 11.4    | 235     | 2.73    | 14.3    | 0.9    | 3.9     | 1.4     | 9.9     | 1.12    | 4.64    | 0.26    | 73     | 0.11    | 0.064  |
| 1302373 | Soil    |      |     | 1.93    | 24.90   | 15.84   | 75.8    | 48      | 28.4    | 10.2    | 195     | 2.81    | 10.8    | 0.4    | 2.6     | 3.1     | 10.1    | 0.30    | 1.01    | 0.27    | 55     | 0.07    | 0.018  |
| 1302374 | Soil    |      |     | 2.12    | 28.31   | 18.34   | 76.9    | 60      | 30.6    | 9.7     | 183     | 2.66    | 10.5    | 0.6    | 2.3     | 3.9     | 10.4    | 0.32    | 0.98    | 0.24    | 54     | 0.07    | 0.014  |
| 1302375 | Soil    |      |     | 1.56    | 10.07   | 15.67   | 61.7    | 54      | 12.4    | 5.4     | 202     | 2.07    | 7.1     | 0.3    | 1.8     | 2.1     | 8.1     | 0.47    | 0.64    | 0.22    | 56     | 0.07    | 0.018  |
| 1302376 | Soil    |      |     | 1.75    | 13.45   | 18.87   | 82.6    | 42      | 19.6    | 10.4    | 207     | 2.59    | 9.6     | 0.4    | 2.8     | 2.8     | 7.9     | 0.53    | 0.81    | 0.21    | 61     | 0.07    | 0.017  |
| 1302377 | Soil    |      |     | 1.62    | 10.54   | 14.42   | 46.2    | 40      | 14.2    | 6.4     | 177     | 2.64    | 9.1     | 0.4    | 2.5     | 2.8     | 8.2     | 0.24    | 0.71    | 0.26    | 62     | 0.08    | 0.020  |
| 1302378 | Soil    |      |     | 1.87    | 26.59   | 17.61   | 85.7    | 44      | 34.9    | 15.5    | 382     | 2.74    | 11.9    | 0.7    | 2.2     | 4.3     | 11.8    | 0.50    | 0.99    | 0.24    | 52     | 0.10    | 0.026  |
| 1302379 | Soil    |      |     | 1.82    | 18.28   | 20.42   | 72.1    | 44      | 19.4    | 8.8     | 210     | 3.31    | 13.7    | 0.4    | 2.2     | 2.7     | 7.6     | 0.25    | 0.74    | 0.32    | 54     | 0.07    | 0.033  |
| 1302380 | Soil    |      |     | 1.33    | 22.28   | 19.37   | 82.2    | 52      | 16.6    | 9.1     | 382     | 2.75    | 6.2     | 0.3    | 5.6     | 1.0     | 10.9    | 0.36    | 0.66    | 0.29    | 53     | 0.12    | 0.037  |
| 1302381 | Soil    |      |     | 1.94    | 16.53   | 12.58   | 55.3    | 71      | 21.3    | 7.9     | 181     | 2.78    | 7.8     | 0.4    | 1.4     | 2.5     | 8.2     | 0.16    | 0.79    | 0.21    | 55     | 0.10    | 0.021  |
| 1302382 | Soil    |      |     | 1.04    | 37.69   | 16.75   | 74.6    | 87      | 18.6    | 9.3     | 145     | 2.51    | 5.6     | 0.3    | 1.0     | 1.3     | 4.4     | 0.11    | 0.53    | 0.30    | 37     | 0.04    | 0.027  |
| 1302383 | Soil    |      |     | 1.22    | 42.06   | 25.18   | 123.1   | 177     | 26.2    | 14.2    | 257     | 3.46    | 6.6     | 0.4    | 0.7     | 2.8     | 3.0     | 0.18    | 0.57    | 0.26    | 38     | 0.03    | 0.032  |
| 1302384 | Soil    |      |     | 0.75    | 29.31   | 19.82   | 67.9    | 107     | 18.9    | 11.1    | 218     | 2.33    | 4.4     | 0.3    | 0.7     | 1.7     | 5.4     | 0.09    | 0.39    | 0.25    | 29     | 0.07    | 0.028  |
| 1302385 | Soil    |      |     | 1.28    | 31.89   | 26.94   | 72.9    | 116     | 19.6    | 10.9    | 235     | 2.73    | 6.0     | 0.4    | 0.6     | 0.7     | 4.7     | 0.18    | 0.61    | 0.34    | 34     | 0.04    | 0.045  |
| 1302386 | Soil    |      |     | 5.08    | 111.2   | 20.59   | 202.1   | 383     | 66.8    | 26.1    | 1816    | 8.75    | 11.2    | 1.7    | 6.5     | 4.1     | 13.8    | 1.05    | 1.25    | 0.19    | 55     | 0.12    | 0.039  |
| 1302387 | Soil    |      |     | 2.27    | 40.43   | 20.66   | 109.0   | 385     | 40.1    | 10.8    | 172     | 2.78    | 7.8     | 1.6    | 2.3     | 2.6     | 22.9    | 0.56    | 0.96    | 0.22    | 50     | 0.23    | 0.076  |
| 1302388 | Soil    |      |     | 3.11    | 20.30   | 13.30   | 70.2    | 125     | 24.1    | 6.6     | 116     | 1.89    | 6.0     | 0.5    | 1.6     | 1.4     | 11.9    | 0.23    | 0.97    | 0.16    | 51     | 0.10    | 0.032  |
| 1302389 | Soil    |      |     | 6.34    | 85.43   | 17.11   | 136.2   | 183     | 40.1    | 9.4     | 163     | 2.89    | 12.8    | 1.7    | 5.9     | 2.9     | 32.8    | 0.58    | 3.30    | 0.19    | 109    | 0.21    | 0.122  |





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 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |      |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |      |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1302360 | Soil    | 7.7  | 22.2  | 0.22 | 168.9 | 0.014 | 1    | 1.62 | 0.005  | 0.06 | 0.1  | 2.2  | 0.13 | <0.02 | 21   | 0.3  | 0.05  | 6.1  |
| 1302361 | Soil    | 9.1  | 34.2  | 0.47 | 177.6 | 0.024 | 2    | 2.40 | 0.002  | 0.09 | 0.2  | 3.4  | 0.15 | <0.02 | 31   | 0.4  | 0.03  | 6.1  |
| 1302362 | Soil    | 5.7  | 23.5  | 0.28 | 200.1 | 0.008 | 2    | 1.84 | 0.007  | 0.09 | <0.1 | 2.4  | 0.12 | <0.02 | 28   | 0.3  | 0.04  | 5.9  |
| 1302363 | Soil    | 6.4  | 32.9  | 0.46 | 164.4 | 0.013 | 3    | 2.18 | 0.002  | 0.09 | 0.1  | 2.9  | 0.14 | <0.02 | 47   | 0.4  | <0.02 | 4.9  |
| 1302364 | Soil    | 6.9  | 25.0  | 0.28 | 152.2 | 0.006 | 2    | 2.06 | 0.001  | 0.08 | <0.1 | 2.4  | 0.12 | <0.02 | 16   | 0.2  | 0.03  | 6.0  |
| 1302365 | Soil    | 77.0 | 396.1 | 0.88 | 378.8 | 0.008 | 5    | 3.60 | 0.012  | 0.09 | <0.1 | 19.0 | 0.13 | <0.02 | 23   | 0.2  | <0.02 | 12.6 |
| 1302366 | Soil    | 59.4 | 363.5 | 2.70 | 801.2 | 0.186 | 3    | 3.16 | 0.007  | 0.03 | <0.1 | 13.5 | 0.09 | 0.03  | 32   | 0.2  | <0.02 | 12.0 |
| 1302367 | Soil    | 8.3  | 39.7  | 0.39 | 164.7 | 0.017 | <1   | 1.95 | 0.003  | 0.07 | 0.2  | 2.7  | 0.11 | <0.02 | 13   | 0.2  | 0.03  | 5.6  |
| 1302368 | Soil    | 5.0  | 21.1  | 0.24 | 225.0 | 0.009 | 2    | 1.30 | 0.005  | 0.10 | 0.2  | 1.9  | 0.11 | <0.02 | 18   | 0.2  | 0.04  | 4.9  |
| 1302369 | Soil    | 7.5  | 32.3  | 0.45 | 242.3 | 0.022 | 2    | 1.31 | 0.004  | 0.08 | 0.2  | 2.4  | 0.08 | <0.02 | 14   | 0.3  | <0.02 | 3.5  |
| 1302370 | Soil    | 8.6  | 30.5  | 0.41 | 309.0 | 0.023 | 2    | 1.17 | 0.006  | 0.09 | 0.1  | 2.8  | 0.09 | <0.02 | 25   | 0.2  | 0.03  | 3.6  |
| 1302371 | Soil    | 8.3  | 26.1  | 0.27 | 125.9 | 0.013 | 2    | 1.67 | 0.002  | 0.09 | <0.1 | 3.0  | 0.39 | <0.02 | 45   | 1.1  | 0.05  | 4.6  |
| 1302372 | Soil    | 7.6  | 23.6  | 0.26 | 190.5 | 0.006 | 3    | 1.09 | 0.002  | 0.14 | <0.1 | 2.3  | 0.49 | <0.02 | 29   | 1.8  | 0.07  | 3.5  |
| 1302373 | Soil    | 7.0  | 30.0  | 0.43 | 225.8 | 0.017 | 2    | 2.08 | 0.002  | 0.08 | 0.1  | 2.8  | 0.14 | <0.02 | 23   | 0.3  | 0.05  | 5.1  |
| 1302374 | Soil    | 9.4  | 34.2  | 0.47 | 258.4 | 0.025 | 1    | 1.96 | 0.004  | 0.08 | 0.1  | 3.2  | 0.15 | <0.02 | 21   | 0.5  | 0.04  | 4.7  |
| 1302375 | Soil    | 8.8  | 20.5  | 0.26 | 198.3 | 0.025 | 1    | 1.25 | 0.005  | 0.04 | 0.2  | 1.9  | 0.11 | <0.02 | 20   | 0.2  | <0.02 | 5.5  |
| 1302376 | Soil    | 8.9  | 29.4  | 0.31 | 177.7 | 0.020 | 1    | 2.03 | 0.002  | 0.04 | 0.1  | 2.6  | 0.14 | <0.02 | 19   | 0.2  | 0.02  | 5.6  |
| 1302377 | Soil    | 9.4  | 24.8  | 0.28 | 144.0 | 0.024 | <1   | 1.65 | 0.002  | 0.06 | 0.2  | 2.2  | 0.13 | <0.02 | 26   | 0.4  | 0.05  | 5.7  |
| 1302378 | Soil    | 10.5 | 32.5  | 0.49 | 230.0 | 0.035 | 2    | 1.98 | 0.004  | 0.09 | 0.2  | 3.9  | 0.15 | <0.02 | 27   | 0.5  | 0.03  | 4.5  |
| 1302379 | Soil    | 7.7  | 29.1  | 0.37 | 150.6 | 0.015 | 1    | 1.83 | 0.003  | 0.11 | <0.1 | 2.7  | 0.17 | <0.02 | 17   | 0.4  | 0.04  | 6.0  |
| 1302380 | Soil    | 7.8  | 24.1  | 0.32 | 386.8 | 0.015 | 2    | 1.48 | 0.004  | 0.10 | 0.1  | 2.1  | 0.15 | <0.02 | 19   | 0.1  | 0.04  | 6.0  |
| 1302381 | Soil    | 8.9  | 22.3  | 0.24 | 104.0 | 0.017 | 1    | 1.33 | 0.002  | 0.06 | 0.1  | 2.5  | 0.12 | <0.02 | 24   | 0.3  | 0.05  | 4.4  |
| 1302382 | Soil    | 4.2  | 19.3  | 0.29 | 94.7  | 0.006 | 2    | 1.22 | 0.002  | 0.10 | <0.1 | 2.5  | 0.13 | <0.02 | 25   | 0.2  | 0.04  | 4.2  |
| 1302383 | Soil    | 6.6  | 22.5  | 0.33 | 97.2  | 0.003 | 2    | 1.54 | <0.001 | 0.10 | <0.1 | 3.7  | 0.18 | <0.02 | 54   | 0.4  | 0.03  | 3.7  |
| 1302384 | Soil    | 6.3  | 15.8  | 0.25 | 131.3 | 0.003 | 3    | 0.91 | 0.006  | 0.09 | <0.1 | 2.8  | 0.12 | <0.02 | 19   | 0.2  | <0.02 | 3.2  |
| 1302385 | Soil    | 3.6  | 19.0  | 0.21 | 122.2 | 0.004 | 2    | 0.99 | 0.006  | 0.10 | <0.1 | 2.3  | 0.19 | <0.02 | 28   | 0.4  | 0.08  | 3.4  |
| 1302386 | Soil    | 12.1 | 33.1  | 0.31 | 272.8 | 0.019 | 1    | 2.73 | 0.005  | 0.06 | 0.1  | 7.2  | 0.26 | 0.03  | 126  | 0.9  | 0.05  | 3.7  |
| 1302387 | Soil    | 12.2 | 33.5  | 0.45 | 486.7 | 0.015 | 3    | 1.44 | 0.005  | 0.11 | <0.1 | 4.9  | 0.19 | 0.02  | 96   | 0.8  | <0.02 | 4.0  |
| 1302388 | Soil    | 8.2  | 26.2  | 0.31 | 211.9 | 0.021 | 1    | 1.04 | 0.003  | 0.07 | <0.1 | 1.9  | 0.15 | <0.02 | 22   | 0.3  | 0.04  | 3.4  |
| 1302389 | Soil    | 10.2 | 34.4  | 0.37 | 399.1 | 0.015 | 2    | 1.66 | 0.004  | 0.09 | 0.1  | 3.4  | 0.32 | 0.06  | 34   | 1.5  | 0.08  | 4.2  |

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 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
| 1302390 | Soil    |      |     | 19.55   | 120.4   | 80.17   | 558.9   | 2448    | 131.7   | 8.3     | 125     | 2.63    | 22.6    | 13.2   | 2.7     | 1.6     | 218.0   | 8.39    | 9.37    | 0.18    | 383    | 1.83    | 0.808  |
| 1302391 | Soil    |      |     | 0.05    | 5.07    | 0.39    | 5.2     | 19      | 1.2     | 1.0     | 19      | 0.29    | 0.3     | <0.1   | <0.2    | <0.1    | 10.1    | <0.01   | 0.03    | <0.02   | 9      | 0.11    | 0.025  |
| 1302392 | Soil    |      |     | 1.93    | 20.20   | 19.31   | 104.1   | 84      | 20.8    | 7.7     | 188     | 2.45    | 9.2     | 0.5    | 1.9     | 2.3     | 9.0     | 0.41    | 0.90    | 0.21    | 51     | 0.07    | 0.028  |
| 1302393 | Soil    |      |     | 1.19    | 8.51    | 13.37   | 63.4    | 32      | 8.8     | 3.4     | 98      | 1.87    | 3.9     | 0.2    | 18.5    | 1.8     | 4.3     | 0.19    | 0.41    | 0.17    | 24     | 0.05    | 0.020  |
| 1302394 | Soil    |      |     | 1.45    | 18.63   | 16.46   | 51.7    | 50      | 14.0    | 9.6     | 1172    | 1.69    | 6.0     | 0.3    | 0.4     | 1.9     | 12.0    | 0.18    | 0.58    | 0.37    | 30     | 0.24    | 0.032  |
| 1302395 | Soil    |      |     | 1.28    | 17.09   | 9.85    | 47.5    | 36      | 12.0    | 5.3     | 123     | 2.27    | 3.5     | 0.3    | 0.7     | 1.8     | 7.4     | 0.18    | 0.54    | 0.23    | 38     | 0.06    | 0.022  |
| 1302396 | Soil    |      |     | 1.35    | 12.34   | 9.30    | 76.7    | 28      | 14.8    | 5.5     | 221     | 1.95    | 4.5     | 0.3    | 0.5     | 2.1     | 7.6     | 0.22    | 0.59    | 0.18    | 44     | 0.11    | 0.013  |
| 1302397 | Soil    |      |     | 1.51    | 15.02   | 15.16   | 83.2    | 55      | 15.7    | 7.3     | 212     | 2.64    | 5.7     | 0.3    | 3.3     | 3.0     | 7.6     | 0.21    | 0.71    | 0.26    | 56     | 0.07    | 0.016  |
| 1302398 | Soil    |      |     | 1.79    | 13.84   | 26.04   | 107.1   | 24      | 20.1    | 8.9     | 195     | 2.49    | 9.0     | 0.4    | 1.6     | 2.7     | 9.4     | 0.46    | 0.79    | 0.23    | 53     | 0.08    | 0.015  |
| 1302399 | Soil    |      |     | 1.61    | 14.90   | 14.75   | 72.4    | 32      | 13.9    | 6.8     | 192     | 2.17    | 12.1    | 0.3    | 0.6     | 2.1     | 7.6     | 0.27    | 0.68    | 0.23    | 42     | 0.06    | 0.017  |
| 1302400 | Soil    |      |     | 1.99    | 20.28   | 12.02   | 56.3    | 21      | 24.7    | 10.0    | 237     | 2.85    | 12.5    | 0.8    | 3.1     | 4.9     | 14.5    | 0.25    | 0.92    | 0.17    | 63     | 0.14    | 0.037  |
| 1302126 | Soil    |      |     | 2.19    | 36.15   | 17.81   | 69.6    | 172     | 23.9    | 8.4     | 222     | 3.38    | 6.4     | 0.5    | 6.7     | 1.9     | 9.2     | 0.36    | 1.10    | 0.27    | 58     | 0.07    | 0.039  |
| 1302127 | Soil    |      |     | 10.90   | 65.87   | 25.39   | 628.7   | 374     | 60.7    | 14.0    | 568     | 3.95    | 13.8    | 1.5    | 1.3     | 4.0     | 18.4    | 4.94    | 3.81    | 0.25    | 58     | 0.18    | 0.067  |
| 1302128 | Soil    |      |     | 15.13   | 74.86   | 20.59   | 329.4   | 656     | 46.5    | 10.3    | 345     | 2.59    | 20.0    | 1.1    | 2.2     | 0.7     | 12.5    | 2.84    | 5.74    | 0.21    | 139    | 0.12    | 0.076  |
| 1302129 | Soil    |      |     | 17.03   | 38.93   | 26.14   | 308.8   | 433     | 91.1    | 21.8    | 502     | 4.10    | 11.2    | 1.2    | 0.4     | 4.2     | 14.5    | 0.75    | 4.69    | 0.15    | 18     | 0.14    | 0.048  |
| 1302130 | Soil    |      |     | 1.88    | 14.67   | 15.85   | 68.0    | 74      | 13.2    | 5.9     | 128     | 2.32    | 6.0     | 0.3    | 0.2     | 2.3     | 6.9     | 0.31    | 0.79    | 0.21    | 57     | 0.06    | 0.019  |
| 1302131 | Soil    |      |     | 2.71    | 58.13   | 61.95   | 196.7   | 164     | 80.4    | 28.0    | 425     | 4.80    | 8.7     | 0.8    | 1.0     | 4.6     | 57.0    | 0.53    | 0.93    | 0.23    | 31     | 0.19    | 0.162  |
| 1302132 | Soil    |      |     | 1.25    | 21.85   | 18.33   | 61.1    | 36      | 19.8    | 10.1    | 399     | 2.76    | 3.6     | 0.3    | 0.7     | 3.0     | 7.4     | 0.14    | 0.57    | 0.28    | 36     | 0.09    | 0.018  |
| 1302133 | Soil    |      |     | 1.31    | 16.47   | 13.39   | 50.0    | 56      | 12.7    | 6.0     | 461     | 2.62    | 4.4     | 0.3    | 2.0     | 1.8     | 7.2     | 0.11    | 0.50    | 0.25    | 43     | 0.10    | 0.026  |
| 1302134 | Soil    |      |     | 1.03    | 12.55   | 10.05   | 43.4    | 41      | 13.3    | 6.8     | 235     | 2.31    | 5.2     | 0.2    | 0.5     | 1.7     | 4.2     | 0.10    | 0.45    | 0.25    | 42     | 0.06    | 0.019  |
| 1302135 | Soil    |      |     | 0.93    | 37.41   | 28.36   | 68.5    | 124     | 24.3    | 17.7    | 833     | 3.60    | 7.0     | 0.7    | 2.2     | 3.0     | 6.0     | 0.09    | 0.31    | 0.35    | 20     | 0.06    | 0.040  |
| 1302136 | Soil    |      |     | 1.70    | 23.27   | 32.10   | 79.4    | 87      | 19.1    | 15.4    | 549     | 2.86    | 18.1    | 0.5    | 0.9     | 1.7     | 7.8     | 0.13    | 0.52    | 0.39    | 29     | 0.10    | 0.047  |
| 1302137 | Soil    |      |     | 0.58    | 34.64   | 7.96    | 66.0    | 39      | 43.3    | 14.8    | 539     | 3.60    | 5.7     | 0.5    | 0.3     | 2.3     | 5.7     | 0.02    | 0.31    | 0.18    | 21     | 0.05    | 0.018  |
| 1302138 | Soil    |      |     | 0.98    | 45.29   | 14.47   | 55.8    | 47      | 19.7    | 11.6    | 538     | 2.97    | 3.2     | 0.4    | 2.3     | 2.5     | 4.9     | 0.06    | 0.31    | 0.46    | 28     | 0.04    | 0.029  |
| 1302139 | Soil    |      |     | 1.64    | 17.65   | 30.54   | 52.3    | 55      | 19.0    | 7.5     | 167     | 2.91    | 9.4     | 0.4    | 2.0     | 2.6     | 11.1    | 0.12    | 0.67    | 0.29    | 57     | 0.09    | 0.022  |
| 1302140 | Soil    |      |     | 1.63    | 15.98   | 17.02   | 71.9    | 122     | 24.2    | 11.8    | 920     | 3.25    | 6.6     | 0.5    | 0.8     | 3.6     | 9.2     | 0.07    | 0.62    | 0.29    | 50     | 0.09    | 0.033  |
| 1302141 | Soil    |      |     | 1.78    | 18.61   | 14.39   | 64.8    | 58      | 25.9    | 10.2    | 307     | 3.48    | 8.7     | 0.5    | 0.9     | 4.1     | 6.3     | 0.09    | 0.74    | 0.21    | 60     | 0.06    | 0.020  |
| 1302142 | Soil    |      |     | 1.80    | 15.61   | 16.37   | 66.0    | 41      | 15.3    | 5.1     | 170     | 2.16    | 7.7     | 0.5    | 2.9     | 1.5     | 8.5     | 0.17    | 0.55    | 0.27    | 59     | 0.05    | 0.034  |
| 1302143 | Soil    |      |     | 1.44    | 19.28   | 11.90   | 51.4    | 62      | 18.6    | 9.8     | 261     | 3.22    | 5.1     | 0.5    | 0.8     | 2.8     | 8.4     | 0.09    | 0.48    | 0.33    | 37     | 0.07    | 0.036  |
| 1302144 | Soil    |      |     | 1.57    | 23.41   | 24.66   | 54.2    | 48      | 17.5    | 9.2     | 209     | 3.86    | 7.5     | 0.5    | 0.7     | 3.1     | 7.9     | 0.07    | 0.47    | 0.37    | 35     | 0.05    | 0.052  |

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 Report Date: August 09, 2012

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# CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|------|------|------|------|-------|-------|------|-------|-------|------|------|------|-------|-------|------|------|-------|-----|
| Analyte | La   | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S     | Hg    | Se   | Te   | Ga    |     |
| Unit    | ppm  | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |     |
| MDL     | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02  | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302390 | Soil | 12.5 | 99.4 | 0.16 | 703.3 | 0.015 | 8    | 1.10  | 0.010 | 0.20 | 0.2  | 4.6  | 0.59  | 0.30  | 190  | 10.8 | 0.19  | 3.7 |
| 1302391 | Soil | 1.0  | 1.2  | 0.02 | 13.3  | 0.017 | <1   | 0.13  | 0.083 | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.6 |
| 1302392 | Soil | 7.4  | 25.1 | 0.30 | 124.0 | 0.011 | 2    | 1.59  | 0.002 | 0.08 | <0.1 | 2.3  | 0.13  | <0.02 | 32   | 0.3  | 0.06  | 5.1 |
| 1302393 | Soil | 4.6  | 12.6 | 0.12 | 54.0  | 0.006 | <1   | 0.74  | 0.002 | 0.10 | <0.1 | 1.1  | 0.08  | <0.02 | 20   | 0.2  | 0.03  | 2.9 |
| 1302394 | Soil | 5.0  | 16.8 | 0.21 | 170.1 | 0.003 | 2    | 1.40  | 0.003 | 0.16 | <0.1 | 2.5  | 0.15  | <0.02 | 34   | 0.2  | 0.04  | 3.8 |
| 1302395 | Soil | 6.6  | 16.3 | 0.15 | 133.2 | 0.008 | 2    | 1.17  | 0.005 | 0.14 | <0.1 | 2.3  | 0.15  | <0.02 | 33   | 0.2  | 0.04  | 5.0 |
| 1302396 | Soil | 7.3  | 21.4 | 0.27 | 141.5 | 0.010 | <1   | 1.46  | 0.003 | 0.07 | <0.1 | 2.0  | 0.12  | <0.02 | 10   | 0.1  | 0.04  | 4.4 |
| 1302397 | Soil | 8.5  | 25.7 | 0.30 | 153.1 | 0.016 | 1    | 1.88  | 0.003 | 0.10 | <0.1 | 2.8  | 0.18  | <0.02 | 24   | 0.1  | 0.04  | 6.3 |
| 1302398 | Soil | 7.1  | 27.2 | 0.35 | 184.5 | 0.015 | 2    | 1.74  | 0.002 | 0.10 | <0.1 | 2.8  | 0.15  | <0.02 | 13   | 0.3  | 0.03  | 4.9 |
| 1302399 | Soil | 5.5  | 18.6 | 0.23 | 163.1 | 0.011 | 1    | 1.33  | 0.005 | 0.09 | 0.1  | 2.1  | 0.14  | <0.02 | 16   | 0.2  | 0.06  | 4.5 |
| 1302400 | Soil | 12.1 | 36.4 | 0.49 | 202.1 | 0.040 | <1   | 2.28  | 0.005 | 0.05 | 0.2  | 4.0  | 0.17  | <0.02 | 46   | 0.7  | 0.04  | 4.9 |
| 1302126 | Soil | 8.1  | 20.2 | 0.21 | 120.8 | 0.021 | <1   | 1.16  | 0.007 | 0.06 | 0.1  | 2.4  | 0.12  | <0.02 | 33   | 0.6  | 0.09  | 4.4 |
| 1302127 | Soil | 10.0 | 28.3 | 0.41 | 249.6 | 0.016 | 1    | 1.31  | 0.005 | 0.09 | <0.1 | 6.1  | 0.27  | <0.02 | 48   | 2.6  | 0.10  | 3.4 |
| 1302128 | Soil | 7.4  | 25.0 | 0.26 | 168.7 | 0.014 | 1    | 1.12  | 0.004 | 0.09 | <0.1 | 2.7  | 0.44  | <0.02 | 57   | 2.8  | 0.12  | 4.5 |
| 1302129 | Soil | 16.3 | 18.2 | 0.24 | 370.3 | 0.005 | 1    | 0.88  | 0.004 | 0.15 | <0.1 | 11.3 | 0.32  | <0.02 | 122  | 0.6  | <0.02 | 2.1 |
| 1302130 | Soil | 9.1  | 20.7 | 0.22 | 134.3 | 0.015 | <1   | 1.15  | 0.004 | 0.05 | 0.1  | 2.0  | 0.13  | <0.02 | 9    | 0.2  | 0.03  | 5.0 |
| 1302131 | Soil | 23.1 | 38.8 | 0.37 | 175.2 | 0.004 | 3    | 1.15  | 0.004 | 0.18 | <0.1 | 6.3  | 0.30  | 0.10  | 40   | 0.9  | 0.03  | 3.2 |
| 1302132 | Soil | 6.7  | 25.1 | 0.32 | 147.1 | 0.007 | 2    | 1.69  | 0.005 | 0.14 | <0.1 | 3.2  | 0.14  | <0.02 | 17   | <0.1 | 0.03  | 5.5 |
| 1302133 | Soil | 5.5  | 17.4 | 0.17 | 140.9 | 0.009 | 2    | 1.11  | 0.006 | 0.08 | <0.1 | 2.3  | 0.13  | <0.02 | 28   | <0.1 | 0.03  | 4.6 |
| 1302134 | Soil | 5.1  | 20.1 | 0.20 | 147.4 | 0.005 | 1    | 1.49  | 0.003 | 0.08 | <0.1 | 2.3  | 0.12  | <0.02 | 12   | 0.1  | 0.04  | 5.0 |
| 1302135 | Soil | 2.3  | 22.2 | 0.35 | 261.3 | 0.002 | 3    | 1.74  | 0.004 | 0.11 | <0.1 | 3.4  | 0.18  | 0.03  | 27   | 0.2  | 0.05  | 4.7 |
| 1302136 | Soil | 4.0  | 21.1 | 0.24 | 243.7 | 0.005 | 2    | 1.27  | 0.006 | 0.10 | <0.1 | 2.4  | 0.12  | 0.02  | 33   | 0.2  | 0.05  | 4.4 |
| 1302137 | Soil | 2.6  | 25.4 | 0.45 | 272.2 | 0.004 | 2    | 1.86  | 0.003 | 0.11 | <0.1 | 3.4  | 0.11  | <0.02 | 18   | 0.1  | 0.03  | 4.9 |
| 1302138 | Soil | 3.4  | 21.2 | 0.30 | 399.7 | 0.003 | 3    | 1.66  | 0.003 | 0.11 | <0.1 | 2.7  | 0.15  | <0.02 | 20   | 0.1  | 0.05  | 5.2 |
| 1302139 | Soil | 7.2  | 25.2 | 0.33 | 170.4 | 0.014 | 1    | 1.67  | 0.003 | 0.08 | 0.1  | 2.6  | 0.15  | <0.02 | 26   | 0.2  | 0.06  | 6.1 |
| 1302140 | Soil | 6.0  | 27.7 | 0.36 | 265.9 | 0.008 | 3    | 2.02  | 0.003 | 0.10 | 0.1  | 3.4  | 0.21  | <0.02 | 46   | 0.3  | 0.05  | 6.8 |
| 1302141 | Soil | 7.8  | 33.0 | 0.43 | 152.2 | 0.022 | 2    | 2.17  | 0.003 | 0.07 | 0.1  | 3.7  | 0.18  | <0.02 | 28   | 0.3  | 0.05  | 5.8 |
| 1302142 | Soil | 8.0  | 21.0 | 0.20 | 97.4  | 0.028 | <1   | 1.12  | 0.004 | 0.08 | 0.1  | 2.0  | 0.20  | 0.02  | 19   | 0.2  | 0.05  | 6.4 |
| 1302143 | Soil | 5.8  | 22.9 | 0.27 | 292.1 | 0.006 | 3    | 1.71  | 0.006 | 0.11 | <0.1 | 2.7  | 0.16  | <0.02 | 39   | 0.2  | 0.06  | 5.5 |
| 1302144 | Soil | 4.6  | 23.1 | 0.23 | 177.0 | 0.006 | 2    | 1.53  | 0.005 | 0.10 | 0.1  | 2.5  | 0.14  | 0.02  | 39   | 0.2  | 0.07  | 6.0 |



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Project: FACE  
 Report Date: August 09, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302145 | Soil    |      |     | 0.92    | 15.65   | 15.57   | 44.7    | 53      | 12.7    | 8.9     | 358     | 3.32    | 5.2     | 0.3    | 0.3     | 1.8     | 6.7     | 0.04    | 0.33    | 0.26    | 24     | 0.05    | 0.042  |
| 1302146 | Soil    |      |     | 1.57    | 80.61   | 46.42   | 67.9    | 156     | 26.2    | 12.9    | 506     | 3.76    | 3.8     | 0.7    | 0.6     | 3.2     | 13.5    | 0.10    | 0.45    | 0.42    | 26     | 0.15    | 0.065  |
| 1302147 | Soil    |      |     | 2.10    | 38.50   | 68.89   | 93.6    | 334     | 18.2    | 4.1     | 68      | 3.70    | 6.3     | 0.6    | 22.3    | 4.2     | 22.1    | 0.10    | 1.44    | 0.30    | 31     | 0.02    | 0.037  |
| 1302148 | Soil    |      |     | 0.57    | 39.25   | 38.91   | 132.4   | 288     | 33.5    | 21.1    | 612     | 3.32    | 5.6     | 0.6    | 1.5     | 4.1     | 10.4    | 0.14    | 0.56    | 0.35    | 26     | 0.40    | 0.051  |
| 1302149 | Soil    |      |     | 1.01    | 35.35   | 32.18   | 202.9   | 132     | 28.1    | 14.9    | 419     | 3.83    | 5.7     | 0.5    | 0.5     | 2.8     | 8.5     | 0.35    | 0.52    | 0.28    | 30     | 0.24    | 0.059  |
| 1302150 | Soil    |      |     | 0.90    | 47.10   | 20.36   | 171.1   | 104     | 25.9    | 13.7    | 199     | 3.12    | 3.9     | 0.6    | 0.7     | 4.9     | 3.7     | 0.05    | 0.33    | 0.26    | 27     | 0.06    | 0.023  |
| 1302151 | Soil    |      |     | 26.24   | 172.6   | 84.61   | 52.2    | 1126    | 61.7    | 2.3     | 13      | 2.59    | 14.4    | 16.2   | 2.3     | 4.5     | 212.9   | 1.50    | 2.42    | 0.33    | 149    | 1.09    | 0.751  |
| 1302152 | Soil    |      |     | 7.81    | 83.25   | 42.50   | 248.0   | 510     | 54.4    | 12.8    | 219     | 4.13    | 14.7    | 3.2    | 8.7     | 4.1     | 27.8    | 0.91    | 2.09    | 0.23    | 103    | 0.27    | 0.228  |
| 1302153 | Soil    |      |     | 2.25    | 19.50   | 26.58   | 72.8    | 99      | 23.7    | 8.5     | 285     | 4.52    | 10.9    | 0.5    | 0.9     | 2.7     | 8.5     | 0.16    | 0.66    | 0.30    | 50     | 0.07    | 0.045  |
| 1302154 | Soil    |      |     | 1.35    | 22.57   | 9.88    | 83.7    | 55      | 26.8    | 9.4     | 490     | 2.48    | 9.5     | 0.4    | 0.4     | 2.8     | 8.6     | 0.12    | 0.59    | 0.22    | 48     | 0.13    | 0.017  |
| 1302155 | Soil    |      |     | 16.04   | 50.27   | 30.66   | 395.7   | 738     | 57.7    | 14.9    | 975     | 3.79    | 19.3    | 1.4    | 1.4     | 2.6     | 12.4    | 1.14    | 3.43    | 0.20    | 62     | 0.19    | 0.092  |
| 1302156 | Soil    |      |     | 3.35    | 13.60   | 19.38   | 184.1   | 90      | 25.2    | 8.3     | 263     | 2.96    | 13.7    | 0.5    | 2.6     | 3.0     | 9.2     | 0.29    | 0.82    | 0.21    | 67     | 0.08    | 0.043  |
| 1302157 | Soil    |      |     | 2.31    | 20.37   | 34.55   | 77.4    | 338     | 13.3    | 5.3     | 176     | 2.45    | 12.6    | 0.3    | 0.3     | 2.1     | 22.7    | 0.19    | 0.51    | 0.30    | 35     | 0.05    | 0.050  |
| 1302158 | Soil    |      |     | 1.11    | 16.93   | 9.03    | 91.3    | 36      | 25.9    | 14.0    | 696     | 3.38    | 5.4     | 0.3    | 0.3     | 2.8     | 12.7    | 0.09    | 0.47    | 0.30    | 48     | 0.13    | 0.027  |
| 1302159 | Soil    |      |     | 1.19    | 46.50   | 16.94   | 61.1    | 124     | 26.5    | 15.6    | 1352    | 2.95    | 4.3     | 0.6    | 0.5     | 3.7     | 11.2    | 0.09    | 0.39    | 0.38    | 25     | 0.16    | 0.047  |
| 1302160 | Soil    |      |     | 0.73    | 8.91    | 9.65    | 36.3    | 81      | 8.2     | 5.4     | 166     | 1.67    | 3.1     | 0.3    | 0.8     | 1.4     | 6.7     | 0.03    | 0.22    | 0.17    | 31     | 0.05    | 0.013  |
| 1302161 | Soil    |      |     | 1.58    | 25.07   | 17.80   | 129.4   | 75      | 24.4    | 14.9    | 886     | 3.33    | 10.9    | 0.6    | 1.4     | 3.0     | 10.5    | 0.19    | 0.63    | 0.29    | 48     | 0.11    | 0.052  |
| 1302162 | Soil    |      |     | 1.41    | 18.96   | 19.29   | 115.2   | 65      | 22.4    | 16.0    | 1026    | 3.01    | 9.2     | 0.5    | 2.1     | 2.7     | 9.2     | 0.21    | 0.55    | 0.26    | 51     | 0.09    | 0.061  |
| 1302163 | Soil    |      |     | 0.80    | 51.99   | 12.12   | 72.4    | 57      | 27.0    | 14.0    | 1104    | 3.21    | 2.3     | 0.4    | <0.2    | 3.5     | 9.4     | 0.17    | 0.34    | 0.37    | 21     | 0.19    | 0.054  |
| 1302164 | Soil    |      |     | 2.18    | 18.39   | 26.38   | 121.7   | 25      | 23.5    | 16.0    | 226     | 2.30    | 14.6    | 0.5    | 1.0     | 3.8     | 5.7     | 0.17    | 0.34    | 0.43    | 14     | 0.07    | 0.024  |
| 1302165 | Soil    |      |     | 0.70    | 43.27   | 36.82   | 158.4   | 80      | 139.4   | 32.0    | 1406    | 4.57    | 24.7    | 0.3    | 0.5     | 3.3     | 23.9    | 0.43    | 0.20    | 0.26    | 53     | 1.50    | 0.063  |
| 1302166 | Soil    |      |     | 1.46    | 18.21   | 16.80   | 84.2    | 70      | 22.5    | 12.0    | 492     | 2.83    | 7.5     | 0.4    | 1.2     | 3.0     | 11.5    | 0.18    | 0.50    | 0.25    | 50     | 0.12    | 0.026  |
| 1302167 | Soil    |      |     | 0.05    | 4.17    | 0.49    | 16.1    | 13      | 1.1     | 1.0     | 22      | 0.34    | 0.7     | <0.1   | <0.2    | <0.1    | 9.7     | <0.01   | <0.02   | <0.02   | 11     | 0.10    | 0.025  |
| 1302168 | Soil    |      |     | 42.55   | 19.65   | 44.21   | 147.5   | 567     | 13.7    | 1.9     | 144     | 1.56    | 6.1     | 0.9    | 1.0     | <0.1    | 46.5    | 2.61    | 7.12    | 0.16    | 143    | 0.42    | 0.092  |
| 1302169 | Soil    |      |     | 15.32   | 28.43   | 19.12   | 182.6   | 416     | 40.0    | 6.8     | 151     | 2.66    | 15.4    | 0.9    | 3.3     | 3.0     | 32.7    | 0.97    | 5.68    | 0.24    | 231    | 0.13    | 0.127  |
| 1302170 | Soil    |      |     | 2.75    | 35.77   | 11.88   | 105.7   | 329     | 35.5    | 7.7     | 252     | 1.98    | 9.5     | 0.9    | 3.1     | 3.9     | 31.3    | 1.05    | 1.85    | 0.17    | 72     | 0.38    | 0.084  |
| 1302171 | Soil    |      |     | 4.59    | 41.57   | 12.45   | 172.2   | 628     | 34.8    | 8.0     | 173     | 2.09    | 8.7     | 1.6    | 2.8     | 1.1     | 36.0    | 1.57    | 2.20    | 0.17    | 101    | 0.31    | 0.102  |
| 1302172 | Soil    |      |     | 10.33   | 36.78   | 15.05   | 303.9   | 1431    | 36.1    | 3.1     | 57      | 1.80    | 12.5    | 3.5    | 1.1     | 1.3     | 59.5    | 2.73    | 4.60    | 0.24    | 121    | 0.29    | 0.280  |
| 1302173 | Soil    |      |     | 120.3   | 69.32   | 36.48   | 239.3   | 718     | 32.6    | 1.1     | 12      | 1.59    | 31.4    | 7.4    | 1.0     | 1.0     | 63.3    | 0.84    | 53.85   | 0.19    | 2435   | 0.02    | 0.045  |
| 1302174 | Soil    |      |     | 49.68   | 94.43   | 49.38   | 556.9   | 1861    | 80.1    | 4.8     | 44      | 3.22    | 36.5    | 7.3    | 0.2     | 2.2     | 118.6   | 2.08    | 14.53   | 0.22    | 673    | 0.17    | 0.165  |

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Project: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|-------|------|-------|--------|------|------|--------|------|------|------|-------|-------|------|------|-------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.01 | 0.02 | 0.02  | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302145 | Soil    | 2.5  | 17.1  | 0.15 | 152.4 | 0.005  | 2    | 1.29 | 0.012  | 0.07 | <0.1 | 1.9  | 0.11  | 0.02  | 35   | 0.2  | 0.05  | 5.1 |
| 1302146 | Soil    | 3.9  | 25.5  | 0.31 | 488.8 | 0.005  | 4    | 1.54 | 0.008  | 0.12 | <0.1 | 3.4  | 0.17  | 0.04  | 78   | 0.2  | 0.05  | 4.6 |
| 1302147 | Soil    | 9.5  | 25.0  | 0.32 | 270.6 | 0.003  | 3    | 1.27 | 0.009  | 0.22 | <0.1 | 3.7  | 0.38  | 0.14  | 218  | 1.1  | 0.11  | 5.1 |
| 1302148 | Soil    | 6.5  | 19.0  | 0.22 | 352.6 | 0.001  | 4    | 0.76 | 0.003  | 0.17 | <0.1 | 6.9  | 0.19  | 0.02  | 63   | 0.3  | 0.03  | 2.1 |
| 1302149 | Soil    | 5.6  | 22.7  | 0.31 | 200.8 | 0.001  | 2    | 1.22 | 0.003  | 0.17 | <0.1 | 4.6  | 0.24  | 0.04  | 52   | 0.3  | 0.04  | 4.0 |
| 1302150 | Soil    | 10.0 | 26.2  | 0.18 | 244.4 | <0.001 | 2    | 0.87 | <0.001 | 0.11 | <0.1 | 4.5  | 0.15  | <0.02 | 34   | 0.2  | <0.02 | 2.4 |
| 1302151 | Soil    | 17.8 | 26.8  | 0.10 | 362.4 | 0.003  | 11   | 1.17 | 0.020  | 0.48 | <0.1 | 4.3  | 0.29  | 0.37  | 907  | 5.8  | 0.31  | 3.2 |
| 1302152 | Soil    | 14.7 | 32.5  | 0.29 | 201.9 | 0.017  | 2    | 2.21 | 0.006  | 0.10 | 0.1  | 4.4  | 0.33  | 0.06  | 108  | 2.1  | 0.10  | 4.9 |
| 1302153 | Soil    | 5.7  | 31.2  | 0.33 | 155.3 | 0.009  | 3    | 1.98 | 0.003  | 0.11 | <0.1 | 3.2  | 0.22  | 0.03  | 48   | 0.4  | 0.08  | 6.9 |
| 1302154 | Soil    | 6.6  | 31.0  | 0.44 | 130.1 | 0.011  | 1    | 1.99 | 0.003  | 0.08 | 0.1  | 3.2  | 0.17  | <0.02 | 17   | 0.2  | 0.04  | 6.4 |
| 1302155 | Soil    | 8.5  | 23.5  | 0.24 | 181.4 | 0.006  | 2    | 1.21 | 0.004  | 0.12 | <0.1 | 4.3  | 0.44  | <0.02 | 57   | 2.8  | 0.07  | 4.5 |
| 1302156 | Soil    | 8.3  | 32.2  | 0.35 | 153.4 | 0.019  | <1   | 2.24 | 0.004  | 0.07 | 0.1  | 3.0  | 0.24  | 0.03  | 35   | 0.3  | 0.05  | 7.7 |
| 1302157 | Soil    | 4.0  | 18.8  | 0.17 | 274.7 | 0.005  | 1    | 1.28 | 0.014  | 0.14 | <0.1 | 2.1  | 0.30  | 0.19  | 21   | 0.3  | 0.05  | 4.5 |
| 1302158 | Soil    | 5.9  | 27.8  | 0.44 | 447.1 | 0.010  | 3    | 2.21 | 0.005  | 0.12 | <0.1 | 3.3  | 0.18  | <0.02 | 16   | 0.3  | 0.05  | 7.8 |
| 1302159 | Soil    | 4.7  | 20.8  | 0.40 | 362.1 | 0.008  | 4    | 1.49 | 0.009  | 0.15 | <0.1 | 4.6  | 0.16  | 0.03  | 42   | 0.2  | 0.04  | 4.7 |
| 1302160 | Soil    | 4.4  | 13.3  | 0.14 | 176.0 | 0.008  | 1    | 1.41 | 0.012  | 0.06 | <0.1 | 1.6  | 0.13  | <0.02 | 15   | 0.1  | 0.02  | 5.5 |
| 1302161 | Soil    | 7.5  | 28.7  | 0.40 | 295.3 | 0.010  | 2    | 1.97 | 0.003  | 0.13 | 0.1  | 3.2  | 0.17  | 0.02  | 36   | 0.3  | 0.05  | 7.0 |
| 1302162 | Soil    | 9.2  | 26.8  | 0.38 | 207.4 | 0.017  | 2    | 1.69 | 0.006  | 0.12 | 0.1  | 3.0  | 0.16  | 0.02  | 38   | 0.3  | 0.05  | 6.3 |
| 1302163 | Soil    | 4.8  | 18.0  | 0.26 | 294.0 | 0.003  | 4    | 1.21 | 0.004  | 0.24 | <0.1 | 6.7  | 0.19  | 0.03  | 65   | 0.1  | 0.05  | 4.1 |
| 1302164 | Soil    | 2.1  | 15.7  | 0.27 | 563.3 | 0.003  | 4    | 1.11 | 0.003  | 0.18 | <0.1 | 2.8  | 0.13  | <0.02 | 29   | 0.2  | 0.04  | 3.3 |
| 1302165 | Soil    | 14.3 | 128.5 | 0.92 | 630.1 | 0.002  | 4    | 2.76 | 0.002  | 0.24 | <0.1 | 8.9  | 0.23  | 0.03  | 41   | 0.3  | <0.02 | 9.0 |
| 1302166 | Soil    | 7.5  | 29.8  | 0.34 | 343.5 | 0.015  | 2    | 1.84 | 0.004  | 0.13 | 0.1  | 3.1  | 0.20  | <0.02 | 32   | 0.4  | 0.04  | 6.8 |
| 1302167 | Soil    | 1.0  | 2.5   | 0.03 | 11.5  | 0.017  | <1   | 0.13 | 0.082  | 0.04 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.7 |
| 1302168 | Soil    | 4.5  | 15.6  | 0.09 | 353.1 | 0.012  | 3    | 0.51 | 0.013  | 0.13 | 0.1  | 0.8  | 3.14  | 0.28  | 48   | 19.5 | 0.27  | 4.2 |
| 1302169 | Soil    | 9.4  | 37.0  | 0.35 | 343.0 | 0.027  | 1    | 1.98 | 0.007  | 0.08 | 0.2  | 3.4  | 0.85  | 0.07  | 29   | 3.4  | 0.12  | 5.5 |
| 1302170 | Soil    | 13.0 | 26.4  | 0.43 | 362.2 | 0.048  | 2    | 0.96 | 0.014  | 0.06 | 0.2  | 3.5  | 0.17  | <0.02 | 47   | 0.7  | 0.07  | 2.9 |
| 1302171 | Soil    | 12.5 | 30.1  | 0.38 | 310.4 | 0.026  | 2    | 1.18 | 0.008  | 0.07 | 0.2  | 2.5  | 0.25  | 0.02  | 87   | 2.1  | 0.05  | 3.5 |
| 1302172 | Soil    | 7.7  | 56.8  | 0.10 | 466.0 | 0.014  | 3    | 0.91 | 0.010  | 0.10 | 0.1  | 2.3  | 0.79  | 0.12  | 117  | 7.2  | 0.09  | 3.7 |
| 1302173 | Soil    | 2.9  | 77.8  | 0.05 | 316.4 | 0.007  | 8    | 0.76 | 0.005  | 0.15 | 0.6  | 2.9  | 3.87  | 0.12  | 534  | 18.1 | 0.29  | 5.4 |
| 1302174 | Soil    | 6.7  | 51.0  | 0.06 | 676.7 | 0.003  | 2    | 1.25 | 0.007  | 0.16 | 0.1  | 3.2  | 0.83  | 0.27  | 47   | 18.8 | 0.19  | 3.3 |

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Project: FACE  
 Report Date: August 09, 2012

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# CERTIFICATE OF ANALYSIS

# DAW1200088.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302175 | Soil | 41.92 | 299.3 | 63.78 | 347.7 | 3307 | 84.9  | 1.2  | 19   | 0.97 | 16.0 | 17.1 | 0.9  | 0.9  | 233.8 | 21.55 | 17.81 | 0.15 | 1248 | 0.81  | 0.195 |
| 1302176 | Soil | 46.83 | 765.6 | 88.35 | 86.5  | 1708 | 96.7  | 11.0 | 257  | 5.40 | 56.6 | 35.3 | 28.1 | 11.1 | 452.1 | 1.15  | 16.52 | 0.55 | 687  | 3.99  | 1.848 |
| 1302177 | Soil | 2.58  | 26.57 | 24.36 | 88.2  | 160  | 22.9  | 7.4  | 141  | 3.15 | 7.4  | 0.4  | <0.2 | 2.1  | 3.9   | 0.41  | 1.12  | 0.25 | 81   | 0.07  | 0.035 |
| 1302178 | Soil | 4.99  | 35.80 | 28.45 | 93.9  | 178  | 31.5  | 9.5  | 158  | 3.68 | 15.2 | 0.7  | 0.7  | 2.5  | 13.6  | 0.34  | 1.64  | 0.27 | 101  | 0.08  | 0.059 |
| 1302179 | Soil | 2.25  | 47.99 | 26.36 | 106.4 | 493  | 43.2  | 12.7 | 151  | 3.29 | 8.6  | 0.6  | <0.2 | 3.1  | 5.7   | 0.28  | 1.13  | 0.26 | 48   | 0.04  | 0.026 |
| 1302180 | Soil | 3.41  | 43.61 | 21.35 | 140.6 | 300  | 31.7  | 9.7  | 226  | 2.64 | 8.0  | 1.2  | <0.2 | 3.4  | 23.8  | 0.75  | 1.28  | 0.20 | 61   | 0.20  | 0.059 |
| 1302181 | Soil | 2.74  | 40.72 | 25.53 | 67.1  | 552  | 27.5  | 5.2  | 79   | 2.26 | 5.2  | 1.2  | 0.7  | 1.0  | 15.7  | 0.65  | 0.82  | 0.21 | 47   | 0.16  | 0.082 |
| 1302182 | Soil | 4.59  | 49.88 | 41.58 | 156.9 | 406  | 33.9  | 14.7 | 316  | 3.27 | 9.4  | 1.0  | <0.2 | 2.1  | 24.1  | 0.58  | 1.33  | 0.24 | 50   | 0.16  | 0.096 |
| 1302183 | Soil | 4.58  | 43.13 | 44.65 | 220.5 | 175  | 44.5  | 16.0 | 294  | 3.43 | 10.8 | 1.0  | <0.2 | 2.6  | 31.8  | 0.55  | 1.39  | 0.21 | 58   | 0.13  | 0.095 |
| 1302184 | Soil | 4.27  | 22.70 | 19.37 | 68.6  | 153  | 24.5  | 10.9 | 299  | 4.04 | 11.6 | 0.7  | <0.2 | 2.8  | 15.8  | 0.34  | 1.17  | 0.22 | 93   | 0.12  | 0.056 |
| 1302185 | Soil | 5.66  | 40.02 | 23.62 | 121.4 | 184  | 27.1  | 7.5  | 155  | 3.26 | 9.4  | 0.6  | 2.2  | 2.7  | 18.8  | 0.38  | 1.38  | 0.24 | 79   | 0.07  | 0.040 |
| 1302186 | Soil | 1.87  | 58.58 | 19.33 | 97.8  | 53   | 32.9  | 11.2 | 141  | 2.96 | 9.1  | 0.5  | 0.4  | 3.2  | 13.9  | 0.24  | 0.89  | 0.28 | 58   | 0.08  | 0.027 |
| 1302187 | Soil | 0.59  | 47.69 | 36.48 | 126.7 | 182  | 29.7  | 16.9 | 479  | 3.41 | 5.9  | 0.4  | <0.2 | 3.4  | 8.7   | 0.38  | 0.59  | 0.31 | 25   | 0.17  | 0.059 |
| 1302188 | Soil | 17.80 | 64.59 | 33.99 | 196.1 | 778  | 35.1  | 3.8  | 168  | 3.62 | 40.6 | 2.5  | 4.7  | 1.8  | 57.8  | 2.05  | 5.95  | 0.19 | 177  | 0.06  | 0.092 |
| 1302189 | Soil | 11.46 | 86.14 | 37.09 | 121.3 | 1254 | 26.8  | 4.0  | 211  | 3.52 | 66.8 | 1.9  | 17.0 | 1.1  | 127.4 | 2.15  | 5.77  | 0.20 | 127  | 0.16  | 0.147 |
| 1302190 | Soil | 14.72 | 99.95 | 44.05 | 192.2 | 1475 | 35.0  | 5.2  | 741  | 3.38 | 44.9 | 3.2  | 25.9 | 1.9  | 125.2 | 5.47  | 6.54  | 0.21 | 161  | 0.18  | 0.127 |
| 1302191 | Soil | 15.26 | 61.18 | 33.40 | 133.8 | 661  | 28.4  | 3.5  | 91   | 2.19 | 33.2 | 2.0  | 15.5 | 2.0  | 61.9  | 2.66  | 8.39  | 0.17 | 264  | 0.22  | 0.089 |
| 1302192 | Soil | 16.11 | 71.17 | 51.90 | 45.5  | 236  | 14.4  | 1.5  | 28   | 0.49 | 3.3  | 4.7  | 2.2  | 1.5  | 16.1  | 4.75  | 13.59 | 0.19 | 361  | 0.06  | 0.017 |
| 1302193 | Soil | 12.48 | 48.46 | 79.15 | 297.8 | 1160 | 37.3  | 2.1  | 118  | 3.03 | 15.5 | 1.4  | 2.2  | 0.7  | 68.4  | 1.47  | 7.60  | 0.16 | 220  | 0.16  | 0.297 |
| 1302194 | Soil | 23.48 | 21.54 | 53.66 | 9.3   | 898  | 5.5   | 1.2  | 11   | 0.69 | 9.6  | 0.5  | 4.4  | 0.6  | 17.2  | 0.07  | 6.71  | 0.11 | 100  | 0.02  | 0.017 |
| 1302195 | Soil | 4.27  | 40.58 | 18.24 | 203.7 | 798  | 34.2  | 7.2  | 710  | 3.14 | 46.3 | 0.6  | 1.6  | 1.6  | 23.8  | 0.59  | 2.91  | 0.22 | 127  | 0.09  | 0.041 |
| 1302196 | Soil | 4.65  | 33.59 | 17.32 | 205.9 | 348  | 33.9  | 6.7  | 3754 | 3.04 | 27.5 | 0.5  | 2.6  | 1.5  | 21.4  | 2.60  | 2.97  | 0.18 | 192  | 0.12  | 0.043 |
| 1302197 | Soil | 12.48 | 82.75 | 61.76 | 35.0  | 1545 | 9.8   | 1.0  | 36   | 1.48 | 20.8 | 2.3  | 38.8 | 0.6  | 48.0  | 0.41  | 3.82  | 0.22 | 76   | 0.03  | 0.042 |
| 1302198 | Soil | 42.47 | 170.4 | 74.78 | 879.8 | 3337 | 214.7 | 6.9  | 413  | 2.57 | 37.6 | 13.5 | 2.8  | 2.5  | 125.2 | 12.50 | 18.10 | 0.17 | 926  | 1.15  | 0.311 |
| 1302199 | Soil | 27.29 | 85.34 | 35.70 | 266.7 | 845  | 78.9  | 5.0  | 153  | 2.08 | 23.4 | 2.9  | 4.9  | 2.6  | 81.5  | 5.45  | 17.96 | 0.18 | 492  | 0.50  | 0.112 |
| 1302200 | Soil | 119.5 | 129.9 | 238.9 | 285.6 | 2164 | 56.3  | 1.9  | 22   | 3.46 | 29.5 | 9.2  | 2.8  | 1.4  | 152.8 | 14.92 | 41.33 | 0.34 | 599  | 0.09  | 0.068 |
| 1302225 | Soil | 1.62  | 29.70 | 20.18 | 83.3  | 87   | 30.7  | 14.8 | 1322 | 2.93 | 9.7  | 0.6  | 1.0  | 2.4  | 18.4  | 0.14  | 0.80  | 0.29 | 55   | 0.25  | 0.051 |
| 1302226 | Soil | 1.76  | 18.32 | 18.90 | 71.3  | 49   | 22.3  | 12.9 | 572  | 2.97 | 11.9 | 0.6  | 1.3  | 3.5  | 14.1  | 0.15  | 0.87  | 0.23 | 54   | 0.10  | 0.032 |
| 1302227 | Soil | 1.38  | 25.78 | 15.13 | 76.5  | 115  | 21.3  | 9.4  | 274  | 3.89 | 7.6  | 0.4  | 0.8  | 2.5  | 14.9  | 0.29  | 0.68  | 0.37 | 61   | 0.15  | 0.037 |
| 1302228 | Soil | 1.30  | 33.39 | 9.17  | 74.1  | 27   | 27.9  | 12.8 | 357  | 2.72 | 8.0  | 0.5  | 0.5  | 3.0  | 11.1  | 0.14  | 0.62  | 0.30 | 41   | 0.10  | 0.020 |



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Project: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|-------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302175 | Soil    | 4.6  | 69.3  | 0.08 | 625.6 | 0.005 | 10   | 0.79 | 0.007 | 0.25 | 0.2  | 3.5  | 1.73 | 0.21  | 791  | 13.6 | 0.25 | 2.8 |
| 1302176 | Soil    | 40.0 | 76.9  | 0.15 | 878.5 | 0.016 | 13   | 2.73 | 0.008 | 0.56 | 0.1  | 7.7  | 1.20 | 0.18  | 323  | 7.0  | 0.51 | 7.0 |
| 1302177 | Soil    | 7.4  | 33.8  | 0.31 | 155.8 | 0.009 | <1   | 2.13 | 0.003 | 0.07 | 0.1  | 2.9  | 0.23 | <0.02 | 28   | 0.4  | 0.06 | 7.1 |
| 1302178 | Soil    | 7.8  | 40.6  | 0.35 | 165.5 | 0.014 | 2    | 2.68 | 0.004 | 0.10 | 0.1  | 3.5  | 0.29 | 0.03  | 53   | 1.0  | 0.06 | 6.7 |
| 1302179 | Soil    | 5.6  | 38.8  | 0.55 | 125.7 | 0.004 | 3    | 2.01 | 0.002 | 0.16 | <0.1 | 4.1  | 0.24 | <0.02 | 28   | 0.7  | 0.04 | 5.2 |
| 1302180 | Soil    | 10.0 | 29.2  | 0.50 | 357.7 | 0.021 | 3    | 1.33 | 0.006 | 0.14 | <0.1 | 3.9  | 0.19 | <0.02 | 58   | 0.9  | 0.05 | 3.8 |
| 1302181 | Soil    | 8.0  | 30.1  | 0.29 | 242.9 | 0.007 | 3    | 1.17 | 0.010 | 0.12 | <0.1 | 3.3  | 0.28 | 0.06  | 131  | 1.4  | 0.06 | 3.4 |
| 1302182 | Soil    | 8.7  | 32.4  | 0.47 | 277.4 | 0.012 | 5    | 1.34 | 0.006 | 0.21 | <0.1 | 3.4  | 0.31 | 0.08  | 82   | 1.2  | 0.06 | 4.2 |
| 1302183 | Soil    | 8.8  | 34.1  | 0.46 | 225.4 | 0.022 | 3    | 1.44 | 0.006 | 0.16 | <0.1 | 3.9  | 0.29 | 0.06  | 46   | 1.2  | 0.06 | 4.5 |
| 1302184 | Soil    | 10.5 | 38.2  | 0.44 | 276.1 | 0.028 | 2    | 2.02 | 0.003 | 0.10 | 0.1  | 3.4  | 0.24 | <0.02 | 20   | 0.6  | 0.04 | 6.9 |
| 1302185 | Soil    | 10.0 | 25.8  | 0.28 | 285.3 | 0.021 | <1   | 1.59 | 0.012 | 0.10 | <0.1 | 2.9  | 0.32 | 0.08  | 22   | 0.6  | 0.05 | 6.2 |
| 1302186 | Soil    | 9.7  | 32.4  | 0.37 | 230.0 | 0.020 | 2    | 2.26 | 0.002 | 0.13 | <0.1 | 3.4  | 0.17 | <0.02 | 38   | 0.5  | 0.06 | 5.3 |
| 1302187 | Soil    | 4.8  | 15.6  | 0.16 | 154.1 | 0.003 | 4    | 0.57 | 0.005 | 0.17 | <0.1 | 4.8  | 0.16 | 0.10  | 39   | 0.4  | 0.03 | 1.6 |
| 1302188 | Soil    | 6.1  | 31.9  | 0.14 | 877.4 | 0.004 | 3    | 1.40 | 0.016 | 0.14 | <0.1 | 3.1  | 1.03 | 0.23  | 55   | 5.7  | 0.26 | 3.7 |
| 1302189 | Soil    | 5.5  | 27.5  | 0.12 | 434.9 | 0.005 | 6    | 0.79 | 0.032 | 0.20 | 0.1  | 3.0  | 1.10 | 0.48  | 214  | 8.4  | 0.27 | 2.6 |
| 1302190 | Soil    | 6.5  | 29.3  | 0.10 | 420.4 | 0.005 | 6    | 0.86 | 0.015 | 0.19 | <0.1 | 3.9  | 1.36 | 0.40  | 182  | 7.8  | 0.33 | 2.5 |
| 1302191 | Soil    | 6.8  | 27.3  | 0.18 | 1029  | 0.007 | 4    | 1.04 | 0.006 | 0.10 | 0.1  | 2.9  | 0.78 | 0.13  | 292  | 6.4  | 0.28 | 3.1 |
| 1302192 | Soil    | 5.3  | 16.6  | 0.06 | 296.2 | 0.003 | 5    | 0.74 | 0.002 | 0.11 | 0.1  | 2.9  | 0.65 | 0.06  | 110  | 12.3 | 0.15 | 2.0 |
| 1302193 | Soil    | 5.9  | 39.7  | 0.04 | 396.0 | 0.008 | 2    | 0.72 | 0.005 | 0.18 | <0.1 | 1.8  | 1.40 | 0.40  | 82   | 19.0 | 0.30 | 2.6 |
| 1302194 | Soil    | 3.2  | 17.6  | 0.03 | 238.9 | 0.002 | 4    | 0.50 | 0.002 | 0.10 | 0.1  | 0.8  | 1.00 | 0.15  | 76   | 17.2 | 0.17 | 1.1 |
| 1302195 | Soil    | 6.5  | 34.1  | 0.23 | 570.6 | 0.023 | 1    | 1.86 | 0.010 | 0.07 | 0.2  | 2.4  | 0.27 | 0.10  | 49   | 2.5  | 0.19 | 6.2 |
| 1302196 | Soil    | 9.1  | 36.0  | 0.22 | 412.2 | 0.016 | 1    | 1.63 | 0.005 | 0.07 | 0.1  | 3.8  | 0.32 | 0.03  | 78   | 1.9  | 0.15 | 5.5 |
| 1302197 | Soil    | 2.5  | 19.0  | 0.03 | 529.3 | 0.002 | 3    | 0.48 | 0.006 | 0.18 | <0.1 | 2.1  | 0.72 | 0.33  | 441  | 9.7  | 0.30 | 2.7 |
| 1302198 | Soil    | 14.3 | 174.3 | 0.51 | 376.8 | 0.022 | 4    | 1.82 | 0.012 | 0.13 | 0.4  | 6.1  | 1.40 | 0.20  | 364  | 18.9 | 0.27 | 6.5 |
| 1302199 | Soil    | 9.2  | 38.9  | 0.34 | 542.9 | 0.032 | 6    | 1.01 | 0.017 | 0.15 | 0.2  | 4.3  | 1.56 | 0.19  | 232  | 11.6 | 0.26 | 3.8 |
| 1302200 | Soil    | 5.8  | 26.6  | 0.04 | 146.4 | 0.001 | 3    | 0.97 | 0.012 | 0.32 | 0.4  | 5.0  | 4.36 | 0.98  | 803  | 70.0 | 0.90 | 2.5 |
| 1302225 | Soil    | 10.0 | 32.3  | 0.49 | 356.5 | 0.026 | 3    | 2.19 | 0.007 | 0.10 | 0.2  | 4.4  | 0.20 | 0.04  | 52   | 0.3  | 0.06 | 6.2 |
| 1302226 | Soil    | 10.3 | 31.2  | 0.44 | 197.6 | 0.023 | 2    | 1.84 | 0.004 | 0.09 | 0.1  | 3.6  | 0.20 | 0.02  | 21   | 0.4  | 0.04 | 5.4 |
| 1302227 | Soil    | 8.6  | 31.1  | 0.40 | 495.1 | 0.014 | 2    | 2.21 | 0.004 | 0.11 | <0.1 | 3.5  | 0.15 | <0.02 | 35   | 0.2  | 0.08 | 7.2 |
| 1302228 | Soil    | 7.6  | 29.5  | 0.49 | 698.8 | 0.013 | 2    | 1.91 | 0.004 | 0.12 | <0.1 | 3.3  | 0.14 | <0.02 | 25   | 0.3  | 0.04 | 5.0 |

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Project: FACE  
Report Date: August 09, 2012

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

# DAW1200088.2

| Method Analyte | Unit | MDL | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |       |
|----------------|------|-----|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|-------|-------|
|                |      |     | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd   | Sb    | Bi   | V    | Ca    | P     |
|                |      |     | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm   | ppm  | %    | %     |       |
| 1302229        | Soil |     | 2.26  | 19.93 | 14.81 | 91.9  | 97   | 28.4 | 11.3 | 277  | 3.40 | 14.8 | 0.5  | 4.6  | 2.9  | 7.6   | 0.35 | 0.96  | 0.22 | 64   | 0.06  | 0.033 |
| 1302230        | Soil |     | 1.98  | 23.80 | 16.97 | 100.0 | 289  | 21.0 | 9.2  | 187  | 3.53 | 13.0 | 0.4  | 3.1  | 2.2  | 10.1  | 0.51 | 0.85  | 0.21 | 70   | 0.09  | 0.043 |
| 1302231        | Soil |     | 2.55  | 23.26 | 11.93 | 134.3 | 32   | 29.9 | 12.7 | 838  | 3.30 | 9.1  | 0.4  | 2.3  | 1.5  | 7.3   | 0.37 | 0.74  | 0.21 | 71   | 0.06  | 0.075 |
| 1302232        | Soil |     | 23.79 | 40.85 | 13.14 | 312.8 | 897  | 67.3 | 14.4 | 707  | 2.14 | 16.2 | 6.9  | 4.0  | 0.9  | 46.7  | 7.65 | 3.96  | 0.19 | 256  | 0.37  | 0.253 |
| 1302233        | Soil |     | 2.44  | 18.22 | 12.11 | 95.5  | 190  | 20.6 | 7.8  | 257  | 3.36 | 11.4 | 0.5  | 4.0  | 2.1  | 16.4  | 0.18 | 0.96  | 0.22 | 79   | 0.08  | 0.044 |
| 1302234        | Soil |     | 2.43  | 12.27 | 12.86 | 51.6  | 269  | 9.2  | 3.2  | 92   | 1.89 | 6.0  | 0.3  | 3.5  | 0.5  | 25.2  | 0.34 | 0.63  | 0.18 | 61   | 0.07  | 0.049 |
| 1302235        | Soil |     | 6.72  | 51.09 | 20.69 | 174.7 | 775  | 54.9 | 11.4 | 345  | 4.15 | 10.3 | 1.2  | 10.7 | 1.1  | 40.2  | 1.03 | 1.33  | 0.18 | 70   | 0.14  | 0.109 |
| 1302236        | Soil |     | 13.29 | 29.64 | 28.72 | 53.6  | 499  | 17.4 | 4.5  | 107  | 2.66 | 15.0 | 1.5  | 6.2  | 2.0  | 58.0  | 0.15 | 1.46  | 0.27 | 106  | 0.06  | 0.078 |
| 1302237        | Soil |     | 1.50  | 41.60 | 7.46  | 55.9  | 21   | 22.2 | 7.3  | 428  | 1.81 | 8.4  | 0.5  | 3.9  | 2.4  | 5.3   | 0.14 | 0.64  | 0.18 | 34   | 0.05  | 0.017 |
| 1302238        | Soil |     | 5.74  | 49.47 | 19.73 | 223.9 | 329  | 40.0 | 10.7 | 610  | 3.25 | 17.4 | 2.5  | 6.6  | 3.1  | 36.8  | 0.78 | 1.46  | 0.17 | 139  | 1.10  | 0.240 |
| 1302239        | Soil |     | 5.34  | 71.30 | 12.63 | 114.8 | 536  | 64.9 | 22.9 | 360  | 3.97 | 18.2 | 1.9  | 4.6  | 5.4  | 71.0  | 0.46 | 1.02  | 0.17 | 98   | 1.46  | 0.315 |
| 1302240        | Soil |     | 3.18  | 31.27 | 19.55 | 72.8  | 115  | 34.6 | 11.0 | 262  | 3.76 | 11.9 | 0.5  | 3.2  | 2.8  | 14.4  | 0.29 | 0.87  | 0.20 | 64   | 0.10  | 0.071 |
| 1302241        | Soil |     | 1.04  | 17.22 | 8.18  | 44.3  | 81   | 7.8  | 3.7  | 111  | 1.27 | 2.6  | 0.2  | 2.2  | 1.3  | 6.8   | 0.33 | 0.34  | 0.16 | 42   | 0.08  | 0.028 |
| 1302242        | Soil |     | 1.47  | 17.08 | 13.15 | 88.6  | 74   | 16.1 | 7.1  | 127  | 2.53 | 7.4  | 0.2  | 0.8  | 2.3  | 5.0   | 0.34 | 0.58  | 0.20 | 36   | 0.05  | 0.029 |
| 1302243        | Soil |     | 1.20  | 29.93 | 35.83 | 216.2 | 67   | 37.6 | 24.0 | 781  | 2.70 | 4.6  | 0.4  | 1.0  | 2.1  | 13.9  | 0.46 | 0.96  | 0.21 | 45   | 0.22  | 0.066 |
| 1302244        | Soil |     | 2.06  | 15.83 | 18.51 | 52.8  | 116  | 13.3 | 5.7  | 129  | 2.23 | 9.0  | 0.3  | 1.8  | 0.8  | 8.4   | 0.30 | 0.50  | 0.19 | 59   | 0.05  | 0.051 |
| 1302245        | Soil |     | 2.52  | 26.73 | 43.58 | 486.8 | 213  | 60.6 | 25.8 | 551  | 4.64 | 19.7 | 0.6  | 0.9  | 2.5  | 13.4  | 0.50 | 1.21  | 0.21 | 53   | 0.11  | 0.069 |
| 1302246        | Soil |     | 1.07  | 8.04  | 5.47  | 29.3  | 30   | 6.7  | 2.5  | 56   | 1.17 | 2.7  | 0.2  | 1.1  | 0.6  | 5.0   | 0.13 | 0.40  | 0.13 | 41   | 0.03  | 0.015 |
| 1302247        | Soil |     | 5.11  | 25.34 | 12.67 | 94.7  | 319  | 19.3 | 3.8  | 49   | 2.17 | 10.9 | 0.2  | 1.2  | 1.4  | 20.2  | 0.73 | 1.68  | 0.14 | 62   | 0.02  | 0.032 |
| 1302248        | Soil |     | 2.64  | 34.03 | 11.75 | 168.9 | 71   | 35.5 | 6.6  | 42   | 1.63 | 7.9  | 0.3  | 1.4  | 1.6  | 21.2  | 0.48 | 1.96  | 0.19 | 32   | <0.01 | 0.022 |
| 1302249        | Soil |     | 4.02  | 41.81 | 13.29 | 111.1 | 494  | 33.4 | 6.5  | 65   | 1.99 | 11.9 | 0.3  | 1.6  | 1.9  | 34.1  | 0.45 | 1.50  | 0.15 | 36   | <0.01 | 0.036 |
| 1302250        | Soil |     | 3.61  | 17.17 | 10.73 | 67.1  | 196  | 11.7 | 3.0  | 47   | 1.68 | 8.8  | 0.2  | 0.3  | 1.0  | 16.5  | 0.25 | 1.14  | 0.14 | 50   | 0.02  | 0.024 |
| 1302251        | Soil |     | 16.49 | 44.91 | 31.30 | 78.7  | 1024 | 15.9 | 2.7  | 24   | 2.91 | 16.6 | 0.5  | 3.4  | 2.7  | 116.5 | 0.21 | 5.82  | 0.25 | 79   | 0.02  | 0.050 |
| 1302252        | Soil |     | 4.31  | 25.50 | 12.76 | 79.3  | 299  | 16.0 | 3.5  | 58   | 1.79 | 8.3  | 0.2  | 1.5  | 1.3  | 31.1  | 0.41 | 0.92  | 0.18 | 46   | 0.02  | 0.033 |
| 1302253        | Soil |     | 10.77 | 28.33 | 14.96 | 113.8 | 318  | 12.2 | 2.7  | 44   | 2.40 | 14.0 | 0.3  | 0.8  | 1.4  | 18.5  | 0.48 | 4.79  | 0.17 | 71   | 0.03  | 0.038 |
| 1302254        | Soil |     | 8.62  | 22.13 | 19.32 | 115.0 | 445  | 15.6 | 3.6  | 68   | 2.19 | 16.9 | 0.4  | 0.8  | 1.6  | 64.5  | 0.41 | 2.29  | 0.18 | 149  | 0.02  | 0.049 |
| 1302255        | Soil |     | 8.21  | 48.20 | 19.58 | 108.2 | 421  | 17.6 | 2.1  | 56   | 1.43 | 15.4 | 3.0  | 3.5  | 0.8  | 52.3  | 1.10 | 3.47  | 0.13 | 263  | 0.08  | 0.064 |
| 1302256        | Soil |     | 29.29 | 45.12 | 23.94 | 84.4  | 1539 | 13.0 | 1.1  | 7    | 2.46 | 25.5 | 1.1  | 10.6 | 0.5  | 124.8 | 2.62 | 13.39 | 0.16 | 185  | <0.01 | 0.048 |
| 1302257        | Soil |     | 8.55  | 90.50 | 18.34 | 264.4 | 762  | 53.6 | 7.9  | 477  | 2.75 | 16.8 | 1.7  | 4.5  | 2.2  | 191.2 | 5.85 | 3.32  | 0.19 | 58   | 0.52  | 0.112 |
| 1302258        | Soil |     | 10.54 | 63.73 | 16.03 | 161.7 | 541  | 36.3 | 5.7  | 72   | 2.58 | 14.8 | 1.0  | 5.8  | 2.5  | 57.3  | 0.80 | 3.23  | 0.18 | 81   | 0.03  | 0.048 |

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Project: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302229 | Soil    | 7.4  | 35.4 | 0.46 | 143.1 | 0.019  | 2    | 2.64 | 0.002 | 0.06 | 0.2  | 3.7  | 0.21 | <0.02 | 35   | 0.4  | 0.04  | 6.6 |
| 1302230 | Soil    | 9.4  | 32.2 | 0.44 | 289.9 | 0.016  | 2    | 1.86 | 0.003 | 0.07 | 0.1  | 3.1  | 0.19 | 0.02  | 39   | 0.4  | 0.04  | 6.6 |
| 1302231 | Soil    | 8.1  | 26.9 | 0.26 | 127.9 | 0.023  | 1    | 1.79 | 0.005 | 0.04 | 0.1  | 3.8  | 0.13 | <0.02 | 27   | 0.4  | 0.05  | 6.7 |
| 1302232 | Soil    | 12.3 | 28.5 | 0.14 | 351.7 | 0.022  | 1    | 1.13 | 0.009 | 0.05 | 0.2  | 2.6  | 0.54 | 0.04  | 91   | 1.1  | 0.13  | 5.4 |
| 1302233 | Soil    | 8.8  | 31.8 | 0.34 | 370.7 | 0.022  | <1   | 2.22 | 0.005 | 0.04 | 0.2  | 2.9  | 0.18 | 0.03  | 34   | 0.4  | 0.06  | 7.6 |
| 1302234 | Soil    | 7.7  | 17.7 | 0.16 | 367.7 | 0.018  | <1   | 1.01 | 0.010 | 0.05 | 0.1  | 1.4  | 0.18 | 0.06  | 31   | 0.3  | 0.03  | 5.7 |
| 1302235 | Soil    | 9.6  | 33.0 | 0.29 | 749.6 | 0.013  | 2    | 2.12 | 0.008 | 0.08 | 0.1  | 3.9  | 0.26 | 0.08  | 295  | 1.3  | 0.09  | 5.0 |
| 1302236 | Soil    | 7.3  | 27.3 | 0.25 | 491.4 | 0.007  | 2    | 1.87 | 0.008 | 0.15 | 0.1  | 3.1  | 0.43 | 0.24  | 94   | 2.4  | 0.23  | 6.1 |
| 1302237 | Soil    | 6.0  | 20.1 | 0.25 | 105.5 | 0.017  | 1    | 1.27 | 0.002 | 0.05 | 0.1  | 3.7  | 0.11 | <0.02 | 31   | 0.3  | 0.07  | 2.9 |
| 1302238 | Soil    | 24.1 | 49.7 | 0.40 | 306.4 | 0.018  | 3    | 2.31 | 0.007 | 0.05 | 0.2  | 7.8  | 0.25 | <0.02 | 96   | 0.8  | 0.10  | 6.3 |
| 1302239 | Soil    | 64.4 | 95.0 | 0.85 | 357.2 | 0.004  | 6    | 2.32 | 0.004 | 0.27 | <0.1 | 12.1 | 0.31 | 0.03  | 234  | 1.5  | 0.05  | 6.7 |
| 1302240 | Soil    | 16.0 | 41.8 | 0.37 | 126.8 | 0.019  | 1    | 1.49 | 0.005 | 0.07 | 0.1  | 3.3  | 0.30 | 0.03  | 40   | 0.5  | 0.03  | 6.0 |
| 1302241 | Soil    | 12.3 | 13.9 | 0.13 | 149.1 | 0.011  | <1   | 0.95 | 0.007 | 0.07 | <0.1 | 1.5  | 0.13 | <0.02 | 16   | 0.2  | 0.04  | 5.0 |
| 1302242 | Soil    | 9.0  | 17.1 | 0.24 | 123.3 | 0.006  | 1    | 1.16 | 0.002 | 0.09 | <0.1 | 2.0  | 0.14 | <0.02 | 22   | <0.1 | 0.04  | 4.8 |
| 1302243 | Soil    | 10.1 | 32.9 | 0.39 | 192.8 | 0.008  | 4    | 2.13 | 0.007 | 0.14 | <0.1 | 2.8  | 0.16 | 0.02  | 60   | 0.4  | 0.18  | 6.6 |
| 1302244 | Soil    | 12.9 | 19.3 | 0.19 | 123.2 | 0.017  | 1    | 1.03 | 0.004 | 0.07 | 0.1  | 1.6  | 0.20 | <0.02 | 29   | 0.3  | 0.05  | 6.2 |
| 1302245 | Soil    | 8.6  | 39.3 | 0.34 | 153.1 | 0.004  | 3    | 2.27 | 0.003 | 0.14 | <0.1 | 3.8  | 0.23 | 0.03  | 45   | 1.0  | 0.05  | 6.7 |
| 1302246 | Soil    | 7.0  | 11.9 | 0.10 | 89.9  | 0.018  | <1   | 0.82 | 0.008 | 0.03 | <0.1 | 1.0  | 0.11 | <0.02 | 12   | <0.1 | <0.02 | 4.5 |
| 1302247 | Soil    | 3.6  | 19.3 | 0.16 | 525.2 | 0.002  | 1    | 1.15 | 0.010 | 0.08 | <0.1 | 2.1  | 0.40 | 0.07  | 35   | 1.3  | 0.06  | 4.0 |
| 1302248 | Soil    | 1.4  | 17.6 | 0.24 | 301.1 | <0.001 | 3    | 1.03 | 0.004 | 0.12 | <0.1 | 2.7  | 0.33 | 0.07  | 28   | 1.2  | 0.07  | 3.0 |
| 1302249 | Soil    | 2.2  | 19.0 | 0.24 | 795.6 | <0.001 | 3    | 1.07 | 0.015 | 0.14 | <0.1 | 3.1  | 0.46 | 0.14  | 64   | 1.4  | 0.07  | 2.8 |
| 1302250 | Soil    | 3.5  | 14.1 | 0.13 | 356.5 | 0.004  | 2    | 0.91 | 0.006 | 0.09 | <0.1 | 1.7  | 0.26 | 0.06  | 12   | 0.8  | 0.07  | 3.6 |
| 1302251 | Soil    | 3.9  | 19.9 | 0.18 | 410.2 | <0.001 | 2    | 1.12 | 0.029 | 0.20 | <0.1 | 2.6  | 2.30 | 0.51  | 73   | 6.0  | 0.15  | 3.6 |
| 1302252 | Soil    | 2.1  | 17.8 | 0.20 | 647.7 | 0.002  | 3    | 0.97 | 0.006 | 0.12 | <0.1 | 2.4  | 0.55 | 0.10  | 19   | 0.7  | 0.10  | 3.7 |
| 1302253 | Soil    | 2.9  | 17.5 | 0.14 | 605.8 | 0.003  | 2    | 0.96 | 0.016 | 0.11 | <0.1 | 1.9  | 0.94 | 0.13  | 25   | 3.4  | 0.08  | 3.4 |
| 1302254 | Soil    | 4.7  | 19.7 | 0.13 | 752.7 | 0.005  | 2    | 1.00 | 0.021 | 0.11 | <0.1 | 1.9  | 0.63 | 0.17  | 19   | 1.8  | 0.09  | 3.6 |
| 1302255 | Soil    | 7.1  | 28.0 | 0.12 | 1530  | 0.006  | 3    | 0.96 | 0.004 | 0.07 | <0.1 | 2.6  | 0.68 | 0.06  | 88   | 3.4  | 0.11  | 3.9 |
| 1302256 | Soil    | 1.5  | 14.3 | 0.02 | 263.3 | <0.001 | 4    | 0.42 | 0.008 | 0.18 | <0.1 | 1.9  | 1.83 | 0.49  | 360  | 16.7 | 0.39  | 2.8 |
| 1302257 | Soil    | 3.5  | 18.0 | 0.19 | 1435  | 0.001  | 5    | 0.84 | 0.020 | 0.23 | <0.1 | 5.9  | 0.93 | 0.21  | 167  | 4.9  | 0.09  | 2.3 |
| 1302258 | Soil    | 4.4  | 22.4 | 0.20 | 1084  | 0.002  | 3    | 1.04 | 0.013 | 0.14 | <0.1 | 5.0  | 0.71 | 0.18  | 60   | 4.1  | 0.13  | 3.1 |

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Project: FACE  
 Report Date: August 09, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302259 | Soil    |      |     | 4.80    | 24.63   | 12.82   | 138.5   | 240     | 23.1    | 5.1     | 59      | 2.48    | 16.0    | 0.2    | 0.9     | 1.1     | 41.6    | 0.35    | 1.94    | 0.17    | 64     | 0.02    | 0.057  |
| 1302260 | Soil    |      |     | 14.16   | 43.46   | 49.23   | 233.4   | 855     | 24.4    | 3.3     | 35      | 4.66    | 68.3    | 0.5    | 1.7     | 2.1     | 95.7    | 0.80    | 5.44    | 0.19    | 100    | 0.03    | 0.153  |
| 1302261 | Soil    |      |     | 17.29   | 32.19   | 21.21   | 132.5   | 2071    | 17.2    | 3.0     | 52      | 4.09    | 93.2    | 0.4    | 2.3     | 1.9     | 137.9   | 0.63    | 6.01    | 0.22    | 99     | 0.04    | 0.154  |
| 1302262 | Soil    |      |     | 5.07    | 12.77   | 9.70    | 40.1    | 155     | 6.1     | 1.3     | 27      | 0.95    | 7.2     | 0.3    | 1.4     | <0.1    | 11.7    | 0.40    | 1.02    | 0.12    | 108    | 0.03    | 0.035  |
| 1302263 | Soil    |      |     | 96.82   | 25.69   | 23.73   | 665.2   | 212     | 243.0   | 5.2     | 71      | 2.31    | 56.9    | 2.0    | 0.9     | 1.2     | 25.9    | 0.76    | 15.73   | 0.13    | 1320   | <0.01   | 0.030  |
| 1302264 | Soil    |      |     | 19.40   | 11.35   | 26.44   | 78.8    | 218     | 9.1     | 1.2     | 27      | 1.37    | 19.1    | 0.7    | 1.0     | 0.2     | 12.8    | 0.66    | 5.32    | 0.12    | 606    | 0.01    | 0.030  |
| 1302265 | Soil    |      |     | 20.30   | 25.76   | 33.00   | 130.6   | 294     | 16.9    | 1.8     | 46      | 1.91    | 28.2    | 1.0    | 3.6     | 0.9     | 17.7    | 0.62    | 7.23    | 0.20    | 785    | 0.03    | 0.042  |
| 1302266 | Soil    |      |     | 12.23   | 45.52   | 31.07   | 205.9   | 256     | 35.5    | 4.5     | 129     | 3.79    | 25.8    | 1.7    | 4.9     | 1.7     | 100.3   | 0.91    | 4.49    | 0.20    | 457    | 0.05    | 0.117  |
| 1302267 | Soil    |      |     | 15.49   | 60.09   | 12.55   | 264.2   | 1043    | 67.0    | 7.6     | 345     | 2.28    | 18.2    | 3.2    | 5.0     | 2.9     | 66.9    | 3.78    | 7.37    | 0.17    | 256    | 0.60    | 0.108  |
| 1302268 | Soil    |      |     | 1.99    | 42.37   | 12.74   | 146.3   | 445     | 82.9    | 16.2    | 433     | 2.87    | 8.0     | 0.5    | 3.3     | 3.1     | 34.7    | 1.08    | 1.49    | 0.17    | 79     | 0.93    | 0.099  |
| 1302269 | Soil    |      |     | 7.24    | 13.53   | 33.11   | 17.8    | 1358    | 2.8     | 0.4     | 12      | 3.17    | 47.8    | 0.8    | 40.9    | 0.2     | 166.5   | 0.18    | 4.54    | 0.20    | 138    | 0.01    | 0.163  |
| 1302270 | Soil    |      |     | 24.86   | 216.7   | 19.64   | 2768    | 4585    | 331.5   | 13.9    | 529     | 2.22    | 31.7    | 18.6   | 6.7     | 0.4     | 321.9   | 29.81   | 17.53   | 0.17    | 508    | 1.82    | 0.410  |
| 1302271 | Soil    |      |     | 42.84   | 69.11   | 10.60   | 747.8   | 1905    | 207.1   | 5.3     | 54      | 1.25    | 22.8    | 13.3   | 2.5     | 0.4     | 116.3   | 16.07   | 14.33   | 0.13    | 699    | 0.93    | 0.076  |
| 1302272 | Soil    |      |     | 16.18   | 42.02   | 21.86   | 113.5   | 1131    | 34.6    | 1.2     | 27      | 0.86    | 11.8    | 2.9    | 2.4     | 0.2     | 43.8    | 1.64    | 5.57    | 0.17    | 368    | 0.11    | 0.059  |
| 1302273 | Soil    |      |     | 9.36    | 103.0   | 171.1   | 263.7   | 294     | 48.2    | 6.0     | 57      | 3.53    | 24.2    | 15.8   | 3.4     | 6.2     | 208.6   | 1.50    | 2.64    | 0.44    | 434    | 2.21    | 1.520  |
| 1302274 | Soil    |      |     | 2.29    | 28.42   | 9.92    | 123.6   | 168     | 81.5    | 14.8    | 261     | 2.97    | 7.6     | 0.6    | 2.1     | 2.9     | 22.1    | 0.41    | 0.97    | 0.14    | 77     | 0.37    | 0.084  |
| 1302275 | Soil    |      |     | 1.63    | 28.85   | 14.83   | 109.6   | 460     | 42.8    | 9.0     | 213     | 1.74    | 4.3     | 1.7    | 2.7     | 1.3     | 60.4    | 0.70    | 0.90    | 0.14    | 57     | 1.12    | 0.083  |
| 1302276 | Soil    |      |     | 1.65    | 30.60   | 18.15   | 62.3    | 589     | 14.2    | 3.2     | 49      | 1.89    | 5.8     | 0.9    | 3.1     | 0.4     | 13.9    | 0.54    | 0.58    | 0.19    | 41     | 0.16    | 0.087  |
| 1302277 | Soil    |      |     | 4.16    | 31.69   | 19.87   | 189.7   | 269     | 80.3    | 14.9    | 687     | 2.93    | 9.7     | 1.3    | 1.5     | 1.5     | 47.5    | 1.45    | 2.15    | 0.14    | 78     | 1.52    | 0.103  |
| 1302278 | Soil    |      |     | 2.14    | 31.19   | 16.29   | 152.1   | 365     | 56.8    | 13.3    | 366     | 2.18    | 5.2     | 1.1    | 1.8     | 1.7     | 40.7    | 1.13    | 0.99    | 0.15    | 63     | 1.04    | 0.084  |
| 1302279 | Soil    |      |     | 1.92    | 43.60   | 10.50   | 112.0   | 620     | 32.0    | 5.6     | 121     | 1.46    | 5.2     | 0.7    | 5.2     | 0.4     | 40.7    | 1.40    | 1.09    | 0.12    | 61     | 0.59    | 0.078  |
| 1302280 | Soil    |      |     | 3.70    | 35.63   | 15.58   | 101.5   | 828     | 28.7    | 4.7     | 77      | 1.85    | 9.1     | 1.7    | 3.7     | 0.2     | 30.0    | 0.88    | 1.63    | 0.17    | 107    | 0.24    | 0.112  |
| 1302281 | Soil    |      |     | 4.47    | 41.91   | 14.33   | 114.5   | 543     | 24.6    | 3.7     | 45      | 1.48    | 8.0     | 2.2    | 4.2     | 0.2     | 33.4    | 1.41    | 1.18    | 0.16    | 124    | 0.21    | 0.073  |
| 1302282 | Soil    |      |     | 4.85    | 47.58   | 10.06   | 55.7    | 473     | 18.4    | 2.9     | 65      | 1.83    | 10.1    | 1.8    | 3.0     | 1.3     | 74.0    | 0.42    | 1.27    | 0.19    | 94     | 0.09    | 0.059  |
| 1302283 | Soil    |      |     | 6.58    | 24.92   | 11.89   | 87.4    | 912     | 23.0    | 4.4     | 100     | 3.65    | 17.3    | 0.7    | 1.8     | 2.2     | 45.2    | 0.26    | 2.00    | 0.25    | 149    | 0.05    | 0.043  |
| 1302284 | Soil    |      |     | 10.31   | 48.53   | 11.74   | 517.3   | 922     | 59.8    | 8.3     | 207     | 2.02    | 11.3    | 2.1    | 3.1     | 2.6     | 41.1    | 5.73    | 4.78    | 0.15    | 150    | 0.48    | 0.092  |
| 1302285 | Soil    |      |     | 4.79    | 38.43   | 13.22   | 168.0   | 471     | 47.2    | 11.9    | 625     | 2.47    | 9.8     | 1.8    | 8.9     | 2.2     | 44.5    | 1.35    | 2.32    | 0.15    | 92     | 0.83    | 0.089  |
| 1302286 | Soil    |      |     | 4.05    | 43.33   | 12.47   | 111.2   | 300     | 30.8    | 5.7     | 74      | 2.43    | 23.8    | 0.6    | 2.6     | 2.1     | 79.9    | 1.15    | 1.52    | 0.22    | 52     | 0.04    | 0.060  |
| 1302287 | Soil    |      |     | 7.45    | 23.86   | 12.12   | 110.4   | 381     | 23.9    | 4.4     | 69      | 2.10    | 12.6    | 0.4    | 1.8     | 1.8     | 30.4    | 0.64    | 2.76    | 0.16    | 106    | 0.05    | 0.029  |
| 1302288 | Soil    |      |     | 15.67   | 49.20   | 13.46   | 150.4   | 807     | 33.7    | 3.7     | 64      | 1.58    | 14.1    | 2.3    | 3.2     | 1.4     | 62.6    | 1.21    | 4.19    | 0.19    | 178    | 0.13    | 0.070  |

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Project: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |      |
|---------|------|------|-------|------|-------|-------|------|-------|--------|------|------|------|------|-------|------|------|------|------|
| Analyte | La   | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga   |      |
| Unit    | ppm  | ppm  | %     | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |      |
| MDL     | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1  |      |
| 1302259 | Soil | 2.7  | 18.0  | 0.11 | 760.1 | 0.001 | 2    | 1.09  | 0.007  | 0.12 | <0.1 | 1.9  | 0.28 | 0.09  | 31   | 1.2  | 0.09 | 3.7  |
| 1302260 | Soil | 5.1  | 21.2  | 0.12 | 785.0 | 0.002 | 2    | 1.19  | 0.052  | 0.16 | <0.1 | 2.7  | 0.92 | 0.34  | 55   | 6.6  | 0.11 | 4.1  |
| 1302261 | Soil | 6.5  | 20.3  | 0.09 | 648.7 | 0.003 | 3    | 0.97  | 0.083  | 0.20 | <0.1 | 2.0  | 0.78 | 0.46  | 128  | 8.1  | 0.13 | 4.2  |
| 1302262 | Soil | 6.5  | 15.4  | 0.07 | 260.4 | 0.006 | 1    | 0.87  | 0.004  | 0.05 | <0.1 | 0.5  | 0.31 | 0.03  | 26   | 0.7  | 0.05 | 4.7  |
| 1302263 | Soil | 3.1  | 33.7  | 0.07 | 286.2 | 0.005 | 3    | 1.07  | <0.001 | 0.07 | 0.2  | 1.9  | 1.94 | 0.02  | 68   | 13.7 | 0.23 | 5.0  |
| 1302264 | Soil | 3.1  | 33.4  | 0.08 | 222.3 | 0.006 | 2    | 0.82  | 0.003  | 0.06 | 0.1  | 0.8  | 1.14 | 0.03  | 22   | 2.4  | 0.13 | 4.3  |
| 1302265 | Soil | 4.8  | 52.3  | 0.12 | 340.2 | 0.008 | 3    | 1.36  | <0.001 | 0.06 | 0.2  | 1.7  | 1.36 | 0.04  | 30   | 2.4  | 0.15 | 5.6  |
| 1302266 | Soil | 8.5  | 48.7  | 0.13 | 347.7 | 0.010 | 2    | 1.76  | <0.001 | 0.06 | 0.2  | 2.7  | 0.79 | 0.05  | 37   | 2.6  | 0.10 | 5.7  |
| 1302267 | Soil | 10.3 | 38.7  | 0.36 | 977.3 | 0.027 | 5    | 0.92  | 0.011  | 0.08 | 0.2  | 4.6  | 0.43 | 0.05  | 144  | 4.6  | 0.09 | 3.3  |
| 1302268 | Soil | 14.9 | 60.3  | 0.62 | 544.6 | 0.036 | 5    | 1.52  | 0.014  | 0.19 | 0.1  | 6.6  | 0.27 | 0.03  | 57   | 0.7  | 0.06 | 5.2  |
| 1302269 | Soil | 2.1  | 28.9  | 0.02 | 191.7 | 0.003 | 10   | 0.31  | 0.007  | 0.29 | 0.1  | 1.2  | 1.10 | 0.76  | 430  | 8.9  | 0.28 | 2.9  |
| 1302270 | Soil | 11.2 | 200.7 | 0.86 | 788.5 | 0.005 | 5    | 0.85  | 0.009  | 0.09 | 0.3  | 2.8  | 1.18 | 0.24  | 251  | 20.3 | 0.26 | 3.7  |
| 1302271 | Soil | 8.5  | 44.4  | 0.13 | 1846  | 0.007 | 7    | 0.66  | 0.002  | 0.08 | 0.3  | 3.3  | 2.85 | 0.12  | 451  | 9.9  | 0.15 | 3.5  |
| 1302272 | Soil | 6.5  | 36.8  | 0.06 | 278.5 | 0.009 | 2    | 0.62  | 0.002  | 0.07 | 0.2  | 1.0  | 1.09 | 0.07  | 49   | 4.2  | 0.11 | 3.9  |
| 1302273 | Soil | 36.3 | 125.9 | 0.19 | 725.4 | 0.013 | 27   | 3.22  | 0.008  | 0.55 | 0.1  | 4.5  | 1.02 | 0.17  | 60   | 2.7  | 0.25 | 11.0 |
| 1302274 | Soil | 15.9 | 69.7  | 0.69 | 441.8 | 0.030 | 3    | 1.67  | 0.007  | 0.10 | <0.1 | 4.9  | 0.17 | <0.02 | 40   | 0.3  | 0.04 | 5.6  |
| 1302275 | Soil | 8.3  | 42.2  | 0.45 | 441.3 | 0.010 | 4    | 1.18  | 0.014  | 0.08 | <0.1 | 3.6  | 0.23 | 0.06  | 132  | 1.5  | 0.04 | 4.4  |
| 1302276 | Soil | 5.4  | 19.4  | 0.24 | 185.3 | 0.005 | 3    | 1.11  | 0.005  | 0.09 | <0.1 | 1.4  | 0.29 | 0.04  | 177  | 1.2  | 0.04 | 3.7  |
| 1302277 | Soil | 10.3 | 55.3  | 0.50 | 453.8 | 0.011 | 5    | 1.40  | 0.008  | 0.14 | <0.1 | 4.4  | 0.30 | 0.08  | 123  | 1.0  | 0.06 | 4.9  |
| 1302278 | Soil | 9.9  | 45.7  | 0.52 | 560.4 | 0.010 | 6    | 1.44  | 0.008  | 0.14 | <0.1 | 4.3  | 0.33 | 0.06  | 98   | 0.8  | 0.04 | 4.7  |
| 1302279 | Soil | 7.1  | 29.4  | 0.37 | 365.4 | 0.011 | 3    | 1.19  | 0.012  | 0.09 | <0.1 | 1.8  | 0.26 | 0.02  | 124  | 0.8  | 0.03 | 4.8  |
| 1302280 | Soil | 11.3 | 32.0  | 0.28 | 297.7 | 0.009 | 3    | 1.39  | 0.004  | 0.07 | 0.1  | 0.9  | 0.24 | 0.02  | 246  | 2.2  | 0.07 | 4.5  |
| 1302281 | Soil | 9.0  | 24.9  | 0.17 | 640.8 | 0.005 | 3    | 1.05  | 0.003  | 0.07 | <0.1 | 0.7  | 0.52 | 0.05  | 270  | 1.6  | 0.03 | 4.0  |
| 1302282 | Soil | 7.3  | 30.3  | 0.17 | 738.3 | 0.016 | 4    | 1.12  | 0.010  | 0.10 | 0.1  | 3.2  | 0.38 | 0.15  | 66   | 2.7  | 0.07 | 4.6  |
| 1302283 | Soil | 5.7  | 45.8  | 0.23 | 773.4 | 0.016 | 4    | 2.14  | 0.020  | 0.15 | 0.1  | 3.3  | 0.49 | 0.27  | 56   | 3.1  | 0.15 | 7.5  |
| 1302284 | Soil | 12.1 | 30.4  | 0.41 | 863.5 | 0.030 | 4    | 1.22  | 0.009  | 0.08 | 0.2  | 3.9  | 0.50 | 0.05  | 234  | 2.5  | 0.04 | 3.8  |
| 1302285 | Soil | 11.1 | 32.9  | 0.48 | 618.0 | 0.022 | 5    | 1.20  | 0.013  | 0.10 | 0.1  | 4.0  | 0.29 | 0.06  | 117  | 2.0  | 0.04 | 4.0  |
| 1302286 | Soil | 3.8  | 24.5  | 0.20 | 1156  | 0.001 | 4    | 1.39  | 0.017  | 0.15 | <0.1 | 3.6  | 0.32 | 0.17  | 37   | 2.1  | 0.08 | 3.5  |
| 1302287 | Soil | 4.9  | 20.4  | 0.18 | 668.3 | 0.005 | 2    | 1.08  | 0.008  | 0.10 | <0.1 | 2.2  | 0.38 | 0.08  | 21   | 1.9  | 0.08 | 3.2  |
| 1302288 | Soil | 4.3  | 23.1  | 0.09 | 1366  | 0.003 | 4    | 0.62  | 0.013  | 0.13 | <0.1 | 2.3  | 0.68 | 0.15  | 138  | 3.1  | 0.06 | 2.2  |

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 Report Date: August 09, 2012

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# CERTIFICATE OF ANALYSIS

# DAW1200088.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |       |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302289 | Soil | 17.04 | 22.35 | 13.33 | 138.7 | 291  | 31.3  | 5.5  | 117  | 2.63 | 25.7 | 0.8  | 11.7 | 1.1  | 31.8  | 1.29  | 6.91  | 0.18 | 364  | 0.12  | 0.113 |
| 1302290 | Soil | 17.29 | 19.19 | 10.75 | 217.0 | 400  | 35.1  | 5.0  | 127  | 2.30 | 23.7 | 0.9  | 1.9  | 2.0  | 38.5  | 1.17  | 5.40  | 0.15 | 534  | 0.18  | 0.051 |
| 1302291 | Soil | 15.10 | 8.84  | 11.15 | 42.1  | 520  | 10.4  | 1.5  | 35   | 1.22 | 5.6  | 0.4  | 2.0  | 0.4  | 24.8  | 0.62  | 3.98  | 0.14 | 203  | 0.08  | 0.081 |
| 1302292 | Soil | 15.56 | 12.10 | 11.63 | 71.0  | 293  | 18.1  | 3.9  | 94   | 1.99 | 15.1 | 0.5  | 0.9  | 1.6  | 34.5  | 0.69  | 4.29  | 0.15 | 221  | 0.15  | 0.047 |
| 1302293 | Soil | 9.86  | 19.27 | 15.80 | 40.5  | 1050 | 10.4  | 1.5  | 67   | 1.07 | 3.4  | 0.5  | 1.9  | 0.5  | 17.6  | 0.87  | 3.62  | 0.11 | 148  | 0.07  | 0.042 |
| 1302294 | Soil | 10.61 | 26.65 | 16.85 | 81.5  | 359  | 22.3  | 4.6  | 109  | 2.29 | 24.2 | 0.9  | 7.1  | 1.7  | 85.5  | 0.70  | 4.97  | 0.15 | 160  | 0.17  | 0.080 |
| 1302295 | Soil | 17.66 | 22.17 | 27.94 | 48.0  | 633  | 10.0  | 1.8  | 51   | 1.71 | 28.8 | 0.8  | 12.6 | 1.1  | 114.5 | 0.42  | 6.94  | 0.18 | 242  | 0.08  | 0.047 |
| 1302296 | Soil | 7.40  | 50.05 | 17.44 | 92.6  | 1180 | 25.7  | 3.4  | 50   | 2.34 | 22.0 | 1.4  | 8.4  | 1.4  | 105.1 | 1.73  | 4.67  | 0.19 | 106  | 0.17  | 0.110 |
| 1302297 | Soil | 4.04  | 13.10 | 9.65  | 71.0  | 322  | 12.8  | 3.4  | 78   | 1.65 | 9.3  | 0.4  | 1.5  | 1.1  | 20.4  | 0.51  | 1.21  | 0.15 | 94   | 0.06  | 0.030 |
| 1302298 | Soil | 80.37 | 44.74 | 55.49 | 76.5  | 774  | 18.7  | 1.1  | 18   | 2.64 | 30.4 | 2.7  | 3.8  | 0.2  | 83.5  | 0.92  | 15.52 | 0.27 | 593  | 0.03  | 0.080 |
| 1302299 | Soil | 5.17  | 33.74 | 13.82 | 159.1 | 344  | 28.2  | 5.9  | 69   | 1.81 | 10.8 | 0.6  | 3.1  | 1.2  | 43.2  | 0.98  | 2.29  | 0.19 | 59   | 0.05  | 0.038 |
| 1302300 | Soil | 27.58 | 21.71 | 19.04 | 302.9 | 534  | 46.9  | 4.2  | 97   | 2.13 | 24.3 | 1.3  | 1.4  | 1.5  | 32.2  | 1.52  | 6.36  | 0.16 | 790  | 0.10  | 0.064 |
| 1302301 | Soil | 2.66  | 16.02 | 10.75 | 64.8  | 42   | 48.7  | 15.2 | 162  | 3.21 | 14.1 | 0.4  | 4.3  | 2.7  | 5.5   | 0.25  | 0.80  | 0.23 | 69   | 0.06  | 0.028 |
| 1302302 | Soil | 2.17  | 26.17 | 11.80 | 68.6  | 52   | 37.2  | 14.6 | 225  | 2.80 | 13.9 | 0.5  | 3.2  | 4.0  | 8.9   | 0.30  | 0.89  | 0.16 | 62   | 0.07  | 0.026 |
| 1302303 | Soil | 1.67  | 17.58 | 32.32 | 68.3  | 24   | 17.1  | 7.7  | 200  | 2.17 | 7.4  | 0.4  | 1.4  | 1.9  | 6.5   | 0.23  | 0.54  | 0.21 | 46   | 0.05  | 0.025 |
| 1302304 | Soil | 1.55  | 12.95 | 17.68 | 55.2  | 23   | 13.8  | 6.3  | 238  | 2.54 | 9.0  | 0.3  | 1.2  | 1.6  | 6.6   | 0.20  | 0.60  | 0.19 | 68   | 0.06  | 0.024 |
| 1302305 | Soil | 1.33  | 9.74  | 15.13 | 38.0  | 44   | 12.4  | 5.0  | 133  | 2.24 | 7.3  | 0.3  | 1.7  | 2.2  | 9.8   | 0.17  | 0.56  | 0.22 | 63   | 0.09  | 0.021 |
| 1302306 | Soil | 1.31  | 14.28 | 12.57 | 82.9  | 33   | 18.7  | 8.7  | 346  | 2.26 | 6.9  | 0.3  | 1.0  | 2.0  | 9.5   | 0.56  | 0.51  | 0.20 | 50   | 0.09  | 0.024 |
| 1302307 | Soil | 0.81  | 23.58 | 8.77  | 65.8  | 62   | 18.5  | 9.0  | 117  | 2.76 | 4.9  | 0.3  | 0.3  | 2.2  | 5.8   | 0.21  | 0.30  | 0.30 | 31   | 0.06  | 0.034 |
| 1302308 | Soil | 0.18  | 10.06 | 3.87  | 66.1  | 21   | 150.3 | 47.5 | 798  | 6.17 | 2.5  | 0.1  | 0.4  | 2.1  | 26.2  | 0.05  | 0.12  | 0.02 | 15   | 3.19  | 0.101 |
| 1302309 | Soil | 1.49  | 28.25 | 16.77 | 77.7  | 69   | 23.8  | 10.8 | 317  | 2.89 | 4.6  | 0.4  | 0.6  | 1.1  | 9.5   | 0.86  | 0.65  | 0.27 | 40   | 0.11  | 0.071 |
| 1302310 | Soil | 1.15  | 16.16 | 18.33 | 58.1  | 29   | 13.8  | 8.0  | 239  | 2.35 | 5.3  | 0.3  | 1.1  | 1.7  | 6.8   | 0.22  | 0.37  | 0.27 | 41   | 0.08  | 0.030 |
| 1302311 | Soil | 1.26  | 20.55 | 19.54 | 49.5  | 74   | 12.4  | 8.6  | 301  | 2.26 | 6.8  | 0.4  | 1.1  | 1.5  | 4.5   | 0.21  | 0.40  | 0.28 | 29   | 0.04  | 0.033 |
| 1302312 | Soil | 1.55  | 20.32 | 28.20 | 82.4  | 75   | 14.7  | 11.0 | 279  | 2.48 | 9.1  | 0.4  | 0.5  | 2.6  | 5.3   | 0.27  | 0.46  | 0.29 | 29   | 0.10  | 0.029 |
| 1302313 | Soil | 1.33  | 38.85 | 17.88 | 117.5 | 103  | 89.0  | 35.8 | 336  | 2.62 | 8.3  | 0.5  | 1.2  | 2.5  | 21.0  | 1.21  | 0.41  | 0.26 | 24   | 1.13  | 0.053 |
| 1302314 | Soil | 2.04  | 74.41 | 7.44  | 66.0  | 122  | 189.4 | 48.7 | 834  | 6.73 | 5.1  | 0.6  | 0.6  | 1.3  | 43.2  | 0.32  | 0.39  | 0.07 | 129  | 1.85  | 0.071 |
| 1302315 | Soil | 0.63  | 24.32 | 29.82 | 53.2  | 45   | 26.0  | 14.1 | 572  | 2.47 | 4.1  | 0.5  | 0.3  | 3.3  | 13.7  | 0.11  | 0.33  | 0.26 | 22   | 1.29  | 0.024 |
| 1302316 | Soil | 48.75 | 158.5 | 12.77 | 950.8 | 1094 | 254.8 | 35.9 | 599  | 2.81 | 44.1 | 11.2 | 1.0  | 2.3  | 73.7  | 44.51 | 32.04 | 0.18 | 493  | 0.27  | 0.118 |
| 1302317 | Soil | 6.94  | 14.71 | 8.73  | 96.0  | 912  | 19.9  | 1.8  | 49   | 1.21 | 8.3  | 0.7  | 1.3  | 1.7  | 10.0  | 0.61  | 1.77  | 0.12 | 180  | 0.07  | 0.032 |
| 1302318 | Soil | 42.20 | 185.5 | 7.84  | 407.4 | 3016 | 150.8 | 2.1  | 33   | 1.62 | 33.1 | 19.9 | 3.4  | 0.8  | 46.5  | 5.47  | 18.59 | 0.12 | 581  | 0.25  | 0.211 |



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 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|------|------|-------|------|-------|-------|------|-------|--------|------|------|------|------|-------|------|------|-------|-----|
| Analyte | La   | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit    | ppm  | ppm  | %     | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302289 | Soil | 8.2  | 34.9  | 0.29 | 450.3 | 0.019 | 3    | 1.65  | 0.003  | 0.09 | 0.2  | 2.6  | 0.78 | 0.07  | 24   | 5.2  | 0.13  | 5.8 |
| 1302290 | Soil | 7.4  | 37.2  | 0.30 | 902.9 | 0.023 | 3    | 1.55  | 0.004  | 0.08 | 0.2  | 2.9  | 0.81 | 0.08  | 47   | 3.1  | 0.08  | 5.2 |
| 1302291 | Soil | 3.8  | 15.2  | 0.08 | 541.5 | 0.009 | 2    | 0.78  | 0.006  | 0.10 | 0.1  | 1.2  | 0.71 | 0.12  | 59   | 10.4 | 0.18  | 3.3 |
| 1302292 | Soil | 6.5  | 23.5  | 0.21 | 530.9 | 0.021 | 3    | 1.01  | 0.005  | 0.09 | 0.2  | 2.2  | 0.69 | 0.10  | 26   | 3.1  | 0.11  | 4.2 |
| 1302293 | Soil | 4.4  | 15.1  | 0.05 | 377.7 | 0.015 | 2    | 0.67  | 0.011  | 0.09 | <0.1 | 1.1  | 0.82 | 0.08  | 48   | 2.4  | 0.11  | 3.6 |
| 1302294 | Soil | 7.2  | 26.4  | 0.24 | 726.5 | 0.019 | 3    | 0.97  | 0.008  | 0.12 | 0.1  | 2.4  | 0.65 | 0.15  | 82   | 3.7  | 0.15  | 3.4 |
| 1302295 | Soil | 4.1  | 23.7  | 0.11 | 910.4 | 0.007 | 5    | 0.72  | 0.007  | 0.12 | 0.1  | 1.8  | 0.91 | 0.20  | 182  | 5.0  | 0.24  | 3.4 |
| 1302296 | Soil | 6.3  | 20.8  | 0.17 | 1981  | 0.005 | 6    | 0.84  | 0.006  | 0.12 | <0.1 | 3.6  | 0.64 | 0.09  | 224  | 5.6  | 0.17  | 2.6 |
| 1302297 | Soil | 6.9  | 17.2  | 0.16 | 471.2 | 0.012 | 1    | 0.98  | 0.011  | 0.07 | <0.1 | 1.5  | 0.27 | 0.06  | 12   | 0.7  | 0.05  | 3.5 |
| 1302298 | Soil | 2.3  | 15.9  | 0.04 | 341.8 | 0.003 | 4    | 0.54  | 0.003  | 0.19 | 0.2  | 1.1  | 3.70 | 0.55  | 67   | 18.6 | 0.37  | 3.6 |
| 1302299 | Soil | 3.8  | 11.6  | 0.09 | 1081  | 0.002 | 4    | 0.69  | 0.017  | 0.12 | <0.1 | 2.4  | 0.45 | 0.15  | 40   | 2.0  | 0.06  | 2.0 |
| 1302300 | Soil | 8.1  | 42.8  | 0.25 | 334.0 | 0.013 | 3    | 1.42  | 0.001  | 0.09 | 0.2  | 2.3  | 1.28 | 0.06  | 36   | 4.1  | 0.11  | 4.6 |
| 1302301 | Soil | 9.9  | 52.7  | 0.38 | 95.4  | 0.022 | 1    | 2.41  | 0.001  | 0.06 | 0.1  | 2.8  | 0.17 | <0.02 | 27   | 0.4  | 0.05  | 6.1 |
| 1302302 | Soil | 8.2  | 38.4  | 0.46 | 178.2 | 0.038 | 2    | 2.60  | 0.004  | 0.07 | 0.2  | 3.7  | 0.16 | <0.02 | 54   | 0.6  | 0.05  | 5.0 |
| 1302303 | Soil | 6.3  | 19.4  | 0.22 | 94.4  | 0.013 | 2    | 1.31  | 0.005  | 0.08 | 0.1  | 1.8  | 0.14 | <0.02 | 21   | 0.4  | 0.05  | 4.6 |
| 1302304 | Soil | 8.8  | 23.3  | 0.26 | 120.6 | 0.025 | 1    | 1.45  | 0.003  | 0.05 | 0.1  | 2.0  | 0.15 | <0.02 | 14   | 0.4  | 0.08  | 6.3 |
| 1302305 | Soil | 9.6  | 22.8  | 0.21 | 172.1 | 0.021 | <1   | 1.26  | 0.003  | 0.03 | 0.2  | 1.7  | 0.16 | <0.02 | 15   | 0.2  | 0.06  | 5.1 |
| 1302306 | Soil | 6.8  | 21.9  | 0.28 | 268.9 | 0.009 | 2    | 1.64  | 0.003  | 0.08 | <0.1 | 2.0  | 0.13 | <0.02 | 16   | 0.2  | 0.04  | 5.1 |
| 1302307 | Soil | 3.7  | 20.7  | 0.27 | 213.4 | 0.004 | 3    | 1.43  | 0.002  | 0.17 | <0.1 | 2.1  | 0.13 | <0.02 | 18   | 0.2  | 0.07  | 4.6 |
| 1302308 | Soil | 28.0 | 103.6 | 0.74 | 236.9 | 0.043 | 7    | 1.78  | 0.002  | 0.41 | <0.1 | 12.3 | 0.27 | <0.02 | 12   | <0.1 | <0.02 | 6.6 |
| 1302309 | Soil | 5.0  | 27.4  | 0.35 | 287.7 | 0.008 | 4    | 1.56  | 0.008  | 0.15 | <0.1 | 2.5  | 0.17 | 0.03  | 28   | 0.4  | 0.08  | 5.7 |
| 1302310 | Soil | 6.5  | 19.5  | 0.19 | 232.2 | 0.009 | 2    | 1.28  | 0.005  | 0.12 | <0.1 | 2.0  | 0.14 | <0.02 | 21   | 0.2  | 0.06  | 4.8 |
| 1302311 | Soil | 3.6  | 16.0  | 0.14 | 111.3 | 0.006 | 3    | 1.01  | 0.007  | 0.14 | <0.1 | 1.8  | 0.20 | <0.02 | 35   | 0.2  | 0.05  | 4.0 |
| 1302312 | Soil | 5.6  | 18.5  | 0.20 | 163.0 | 0.005 | 4    | 1.15  | 0.005  | 0.15 | <0.1 | 2.0  | 0.20 | 0.02  | 31   | 0.1  | 0.02  | 4.2 |
| 1302313 | Soil | 10.6 | 55.0  | 0.33 | 308.7 | 0.004 | 5    | 1.49  | 0.009  | 0.26 | <0.1 | 4.9  | 0.65 | 0.03  | 44   | 0.2  | 0.07  | 5.1 |
| 1302314 | Soil | 22.4 | 132.7 | 0.79 | 680.3 | 0.010 | 4    | 2.20  | 0.011  | 0.10 | <0.1 | 16.4 | 0.19 | 0.18  | 23   | 0.5  | 0.03  | 8.3 |
| 1302315 | Soil | 6.9  | 21.8  | 0.44 | 162.8 | 0.002 | 4    | 0.83  | 0.002  | 0.13 | <0.1 | 5.0  | 0.11 | <0.02 | 27   | 0.1  | <0.02 | 2.2 |
| 1302316 | Soil | 10.3 | 28.5  | 0.05 | 993.2 | 0.003 | 7    | 0.86  | 0.005  | 0.17 | 0.2  | 3.6  | 2.05 | 0.21  | 554  | 8.7  | 0.09  | 2.7 |
| 1302317 | Soil | 8.0  | 28.8  | 0.07 | 138.5 | 0.018 | <1   | 0.87  | 0.003  | 0.03 | 0.1  | 1.1  | 0.31 | <0.02 | 29   | 1.1  | 0.09  | 4.3 |
| 1302318 | Soil | 11.3 | 214.4 | 0.02 | 364.6 | 0.004 | 2    | 0.61  | <0.001 | 0.04 | 0.3  | 3.4  | 1.57 | 0.10  | 117  | 17.2 | 0.33  | 3.6 |

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 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method Analyte | Unit | MDL | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|----------------|------|-----|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|------|
|                |      |     | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |      |
|                |      |     | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |      |
| 1302319        | Soil |     | 4.46  | 77.58 | 9.71  | 145.4 | 1347 | 36.6 | 2.0  | 31   | 1.25 | 9.0  | 2.7  | 2.8  | 0.9  | 50.8 | 2.26  | 1.82  | 0.13  | 67   | 0.21 | 0.040 |      |
| 1302320        | Soil |     | 0.10  | 5.05  | 0.29  | 4.8   | 26   | 1.3  | 0.9  | 17   | 0.31 | 0.4  | <0.1 | 0.4  | <0.1 | 10.6 | <0.01 | 0.04  | <0.02 | 11   | 0.11 | 0.022 |      |
| 1302321        | Soil |     | 38.22 | 110.5 | 34.06 | 216.0 | 1850 | 80.5 | 4.9  | 75   | 2.66 | 38.5 | 9.0  | 6.0  | 2.0  | 62.5 | 1.78  | 13.09 | 0.20  | 757  | 0.28 | 0.189 |      |
| 1302322        | Soil |     | 36.07 | 53.16 | 40.19 | 179.0 | 4788 | 46.7 | 2.3  | 41   | 2.32 | 28.6 | 7.6  | 2.9  | 1.9  | 93.0 | 2.35  | 7.23  | 0.20  | 567  | 0.17 | 0.236 |      |
| 1302323        | Soil |     | 15.23 | 111.4 | 23.23 | 270.3 | 9430 | 75.3 | 3.1  | 29   | 3.78 | 21.5 | 4.1  | 9.6  | 3.6  | 92.0 | 2.99  | 6.19  | 0.31  | 247  | 0.60 | 0.500 |      |
| 1302324        | Soil |     | 6.55  | 39.05 | 18.32 | 145.8 | 725  | 41.9 | 5.9  | 105  | 2.68 | 13.9 | 1.2  | 6.6  | 2.0  | 56.5 | 0.43  | 2.17  | 0.13  | 141  | 0.18 | 0.083 |      |
| 1302325        | Soil |     | 7.69  | 92.13 | 16.38 | 230.7 | 2413 | 61.1 | 2.0  | 10   | 0.93 | 10.6 | 4.9  | 3.1  | 1.7  | 66.9 | 4.78  | 3.56  | 0.16  | 104  | 0.63 | 0.328 |      |
| 1302326        | Soil |     | 3.63  | 53.02 | 10.56 | 17.6  | 680  | 10.9 | 0.4  | 6    | 2.41 | 8.9  | 1.7  | 2.6  | 1.0  | 33.1 | 0.33  | 0.50  | 0.18  | 24   | 0.01 | 0.037 |      |
| 1302327        | Soil |     | 40.96 | 149.7 | 32.08 | 217.1 | 7932 | 47.6 | 1.6  | 25   | 2.20 | 29.5 | 18.0 | 3.9  | 1.6  | 98.7 | 2.26  | 11.16 | 0.15  | 616  | 0.40 | 0.285 |      |
| 1302328        | Soil |     | 28.95 | 35.26 | 19.87 | 171.8 | 305  | 22.4 | 6.6  | 200  | 2.66 | 17.0 | 1.3  | 2.3  | 2.9  | 28.3 | 1.26  | 6.30  | 0.18  | 261  | 0.05 | 0.041 |      |
| 1302329        | Soil |     | 6.75  | 22.20 | 18.27 | 112.2 | 148  | 22.7 | 6.7  | 150  | 2.94 | 17.3 | 0.5  | 2.3  | 2.1  | 21.1 | 0.45  | 1.72  | 0.18  | 166  | 0.07 | 0.039 |      |
| 1302330        | Soil |     | 0.08  | 4.44  | 0.25  | 4.6   | 19   | 0.7  | 1.0  | 16   | 0.32 | 0.1  | <0.1 | 0.2  | <0.1 | 10.3 | <0.01 | 0.02  | <0.02 | 11   | 0.09 | 0.021 |      |
| 1302401        | Soil |     | 4.87  | 76.63 | 16.41 | 168.9 | 399  | 81.8 | 4.4  | 58   | 2.04 | 8.7  | 1.0  | 4.4  | 2.1  | 64.2 | 1.19  | 1.07  | 0.16  | 45   | 0.40 | 0.033 |      |
| 1302402        | Soil |     | 11.71 | 30.56 | 17.35 | 144.8 | 1027 | 21.3 | 3.2  | 78   | 3.30 | 39.0 | 0.4  | 1.9  | 1.9  | 69.3 | 1.79  | 3.88  | 0.17  | 92   | 0.10 | 0.118 |      |
| 1302403        | Soil |     | 6.75  | 41.97 | 17.48 | 146.2 | 644  | 33.9 | 4.4  | 63   | 2.00 | 13.5 | 0.4  | 2.4  | 2.1  | 59.6 | 1.79  | 2.82  | 0.16  | 45   | 0.24 | 0.055 |      |
| 1302404        | Soil |     | 5.29  | 20.15 | 14.08 | 80.4  | 194  | 16.6 | 4.0  | 78   | 2.07 | 10.9 | 0.4  | 2.4  | 1.8  | 19.1 | 0.32  | 1.67  | 0.14  | 78   | 0.06 | 0.028 |      |
| 1302405        | Soil |     | 6.86  | 40.57 | 20.08 | 374.6 | 346  | 55.8 | 9.2  | 198  | 3.16 | 10.7 | 0.6  | 2.2  | 1.7  | 54.7 | 2.30  | 1.68  | 0.16  | 50   | 0.14 | 0.049 |      |
| 1302406        | Soil |     | 5.65  | 49.09 | 20.23 | 101.6 | 248  | 29.0 | 5.0  | 45   | 1.67 | 8.5  | 0.7  | 1.8  | 2.2  | 34.2 | 0.50  | 1.57  | 0.17  | 25   | 0.06 | 0.031 |      |
| 1302407        | Soil |     | 2.91  | 67.94 | 20.11 | 91.3  | 1615 | 28.3 | 2.9  | 38   | 2.22 | 9.5  | 1.2  | 14.3 | 1.4  | 33.6 | 1.85  | 1.12  | 0.30  | 49   | 0.16 | 0.103 |      |
| 1302408        | Soil |     | 3.72  | 63.41 | 20.85 | 121.2 | 1193 | 29.7 | 9.5  | 301  | 2.09 | 9.8  | 1.3  | 10.8 | 1.7  | 30.7 | 2.34  | 1.38  | 0.26  | 52   | 0.10 | 0.078 |      |
| 1302409        | Soil |     | 3.15  | 69.65 | 17.37 | 150.6 | 1319 | 48.5 | 6.4  | 76   | 2.42 | 11.9 | 1.1  | 8.0  | 1.9  | 46.0 | 3.64  | 1.60  | 0.23  | 43   | 0.32 | 0.087 |      |
| 1302410        | Soil |     | 2.95  | 39.53 | 16.13 | 88.4  | 1076 | 24.5 | 3.8  | 53   | 1.53 | 5.9  | 0.7  | 5.3  | 1.0  | 31.4 | 0.86  | 0.97  | 0.20  | 35   | 0.09 | 0.058 |      |
| 1302411        | Soil |     | 4.77  | 33.11 | 22.32 | 117.3 | 240  | 27.2 | 6.4  | 114  | 2.41 | 12.9 | 0.4  | 3.2  | 1.8  | 32.5 | 0.60  | 1.88  | 0.20  | 65   | 0.05 | 0.047 |      |
| 1302412        | Soil |     | 6.31  | 42.15 | 23.89 | 145.0 | 401  | 33.9 | 6.7  | 120  | 2.60 | 15.7 | 0.5  | 3.7  | 1.8  | 57.8 | 0.80  | 2.33  | 0.22  | 54   | 0.05 | 0.061 |      |
| 1302413        | Soil |     | 8.35  | 47.78 | 24.55 | 112.4 | 422  | 26.4 | 6.1  | 105  | 3.57 | 23.7 | 1.0  | 5.7  | 3.3  | 60.8 | 0.36  | 4.05  | 0.18  | 103  | 0.07 | 0.066 |      |
| 1302414        | Soil |     | 4.99  | 28.79 | 16.12 | 132.8 | 399  | 25.7 | 6.5  | 147  | 2.22 | 10.5 | 0.4  | 1.6  | 1.8  | 35.6 | 0.73  | 1.77  | 0.16  | 78   | 0.08 | 0.043 |      |
| 1302415        | Soil |     | 5.31  | 29.37 | 15.18 | 160.8 | 341  | 28.0 | 5.8  | 104  | 2.32 | 11.3 | 0.5  | 1.8  | 1.9  | 27.2 | 0.92  | 2.06  | 0.16  | 82   | 0.06 | 0.033 |      |
| 1302416        | Soil |     | 12.19 | 41.04 | 20.64 | 142.5 | 321  | 37.6 | 5.2  | 109  | 2.50 | 19.9 | 3.0  | 11.1 | 2.2  | 45.0 | 1.80  | 5.01  | 0.15  | 277  | 0.09 | 0.071 |      |
| 1302417        | Soil |     | 84.28 | 28.62 | 26.84 | 437.7 | 247  | 95.8 | 3.8  | 75   | 2.11 | 34.5 | 4.2  | 2.8  | 1.4  | 54.5 | 1.92  | 9.38  | 0.12  | 1019 | 0.07 | 0.045 |      |
| 1302418        | Soil |     | 72.25 | 27.19 | 21.71 | 124.4 | 688  | 31.9 | 1.7  | 42   | 1.94 | 35.7 | 3.1  | 1.4  | 1.5  | 27.0 | 0.79  | 11.76 | 0.12  | 1448 | 0.03 | 0.034 |      |



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Project: FACE  
 Report Date: August 09, 2012

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CERTIFICATE OF ANALYSIS

DAW12000088.2

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|-------|------|-------|--------|------|------|--------|------|------|------|-------|-------|------|------|-------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302319 | Soil    | 2.6  | 29.0  | 0.06 | 691.4 | 0.002  | 4    | 0.35 | 0.004  | 0.17 | <0.1 | 2.9  | 0.68  | 0.28  | 229  | 2.5  | 0.05  | 1.5 |
| 1302320 | Soil    | 1.0  | 2.7   | 0.02 | 12.6  | 0.016  | <1   | 0.13 | 0.093  | 0.04 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.6 |
| 1302321 | Soil    | 9.6  | 98.2  | 0.19 | 321.6 | 0.012  | 2    | 1.53 | <0.001 | 0.10 | 0.3  | 4.1  | 1.24  | 0.15  | 261  | 15.6 | 0.20  | 4.8 |
| 1302322 | Soil    | 6.7  | 102.7 | 0.11 | 535.2 | 0.007  | 2    | 1.28 | 0.013  | 0.13 | 0.2  | 3.1  | 1.91  | 0.34  | 170  | 11.0 | 0.21  | 6.6 |
| 1302323 | Soil    | 5.5  | 104.5 | 0.05 | 120.5 | 0.004  | 9    | 0.88 | 0.049  | 0.28 | 0.2  | 5.2  | 1.66  | 1.06  | 521  | 30.4 | 0.25  | 3.7 |
| 1302324 | Soil    | 6.1  | 41.8  | 0.25 | 463.6 | 0.011  | 3    | 1.39 | 0.009  | 0.13 | 0.1  | 2.5  | 0.51  | 0.23  | 65   | 4.3  | 0.07  | 4.0 |
| 1302325 | Soil    | 6.0  | 74.8  | 0.04 | 595.4 | 0.003  | 5    | 0.66 | 0.007  | 0.10 | 0.1  | 2.6  | 0.46  | 0.13  | 110  | 7.2  | 0.19  | 2.6 |
| 1302326 | Soil    | 2.4  | 26.3  | 0.03 | 163.0 | 0.003  | 8    | 0.40 | 0.043  | 0.34 | <0.1 | 3.3  | 0.55  | 0.86  | 196  | 4.8  | 0.06  | 2.6 |
| 1302327 | Soil    | 9.3  | 179.1 | 0.05 | 409.8 | 0.002  | 3    | 1.02 | <0.001 | 0.15 | 0.2  | 4.2  | 1.59  | 0.45  | 248  | 20.6 | 0.32  | 4.7 |
| 1302328 | Soil    | 7.4  | 38.3  | 0.30 | 555.5 | 0.016  | 2    | 1.82 | 0.004  | 0.08 | 0.2  | 3.2  | 1.05  | 0.13  | 47   | 7.3  | 0.16  | 5.5 |
| 1302329 | Soil    | 5.7  | 27.9  | 0.24 | 437.4 | 0.010  | 1    | 1.50 | 0.008  | 0.08 | 0.1  | 2.1  | 0.37  | 0.07  | 19   | 1.2  | 0.10  | 4.8 |
| 1302330 | Soil    | 1.0  | 1.8   | 0.02 | 13.1  | 0.015  | <1   | 0.11 | 0.093  | 0.04 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.6 |
| 1302401 | Soil    | 5.2  | 21.5  | 0.31 | 717.7 | 0.003  | 5    | 1.15 | 0.008  | 0.12 | <0.1 | 3.5  | 0.72  | 0.11  | 151  | 3.1  | 0.04  | 3.2 |
| 1302402 | Soil    | 4.6  | 25.7  | 0.20 | 680.3 | 0.003  | 3    | 1.12 | 0.054  | 0.16 | <0.1 | 2.1  | 0.88  | 0.44  | 45   | 4.4  | 0.11  | 3.9 |
| 1302403 | Soil    | 3.7  | 19.9  | 0.24 | 711.2 | 0.003  | 3    | 0.84 | 0.023  | 0.13 | <0.1 | 2.7  | 0.65  | 0.18  | 76   | 2.9  | 0.05  | 2.7 |
| 1302404 | Soil    | 5.8  | 20.1  | 0.21 | 358.4 | 0.007  | 2    | 0.95 | 0.009  | 0.07 | <0.1 | 1.7  | 0.35  | 0.06  | 27   | 1.3  | 0.07  | 3.5 |
| 1302405 | Soil    | 2.8  | 20.1  | 0.21 | 667.3 | 0.002  | 3    | 1.10 | 0.026  | 0.12 | <0.1 | 2.7  | 0.84  | 0.18  | 39   | 2.1  | 0.17  | 3.5 |
| 1302406 | Soil    | 2.1  | 13.9  | 0.18 | 716.5 | <0.001 | 3    | 0.56 | 0.019  | 0.14 | <0.1 | 2.9  | 0.84  | 0.25  | 86   | 1.6  | 0.05  | 2.1 |
| 1302407 | Soil    | 3.5  | 20.2  | 0.16 | 972.9 | 0.001  | 4    | 1.15 | 0.009  | 0.11 | <0.1 | 4.2  | 0.81  | 0.07  | 482  | 3.0  | 0.06  | 3.4 |
| 1302408 | Soil    | 4.3  | 21.5  | 0.19 | 707.3 | 0.002  | 3    | 1.12 | 0.005  | 0.10 | <0.1 | 4.4  | 0.87  | 0.05  | 352  | 2.3  | 0.07  | 3.3 |
| 1302409 | Soil    | 3.8  | 19.1  | 0.20 | 795.4 | 0.002  | 3    | 0.86 | 0.013  | 0.09 | <0.1 | 4.4  | 0.67  | 0.17  | 318  | 3.2  | 0.06  | 2.4 |
| 1302410 | Soil    | 3.4  | 18.4  | 0.16 | 572.8 | 0.002  | 3    | 0.85 | 0.007  | 0.10 | <0.1 | 2.8  | 0.66  | 0.07  | 310  | 1.3  | 0.06  | 2.9 |
| 1302411 | Soil    | 3.7  | 19.3  | 0.18 | 363.0 | 0.002  | 2    | 1.23 | 0.013  | 0.10 | <0.1 | 2.1  | 0.64  | 0.14  | 36   | 1.5  | 0.06  | 3.7 |
| 1302412 | Soil    | 3.4  | 20.2  | 0.19 | 611.6 | 0.002  | 3    | 0.99 | 0.020  | 0.13 | <0.1 | 2.5  | 0.93  | 0.20  | 59   | 2.1  | 0.07  | 3.5 |
| 1302413 | Soil    | 6.6  | 30.7  | 0.24 | 442.1 | 0.006  | 2    | 1.20 | 0.063  | 0.14 | <0.1 | 3.7  | 1.41  | 0.46  | 88   | 2.8  | 0.07  | 3.7 |
| 1302414 | Soil    | 4.4  | 23.2  | 0.25 | 632.3 | 0.004  | 3    | 1.17 | 0.014  | 0.10 | <0.1 | 2.6  | 0.47  | 0.10  | 37   | 1.2  | 0.05  | 3.8 |
| 1302415 | Soil    | 4.4  | 24.1  | 0.28 | 439.7 | 0.004  | 1    | 1.22 | 0.010  | 0.11 | <0.1 | 2.8  | 0.46  | 0.09  | 34   | 1.3  | 0.04  | 3.8 |
| 1302416 | Soil    | 8.2  | 32.1  | 0.25 | 578.8 | 0.009  | 2    | 1.40 | 0.009  | 0.07 | 0.2  | 2.9  | 0.56  | 0.09  | 90   | 2.5  | 0.07  | 4.2 |
| 1302417 | Soil    | 5.5  | 29.8  | 0.17 | 308.5 | 0.007  | 2    | 1.10 | 0.004  | 0.06 | 0.3  | 2.1  | 1.75  | 0.06  | 138  | 7.0  | 0.15  | 3.9 |
| 1302418 | Soil    | 3.9  | 50.4  | 0.12 | 231.2 | 0.008  | 5    | 1.01 | 0.003  | 0.10 | 0.3  | 2.0  | 3.91  | 0.12  | 115  | 6.3  | 0.25  | 4.2 |

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Project: FACE  
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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|-------|-------|------|--------|-------|-------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni    | Co    | Mn   | Fe     | As    | U     | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm   | ppm   | ppm  | %      | ppm   | ppm   | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1   | 0.1   | 1    | 0.01   | 0.1   | 0.1   | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302419 | Soil | 83.56 | 23.07 | 22.31 | 279.2 | 770   | 74.9  | 2.1  | 41     | 1.80  | 25.8  | 4.8  | 1.3  | 1.4  | 52.6  | 1.93  | 11.74 | 0.14 | 1323 | 0.04  | 0.066 |
| 1302420 | Soil | 17.81 | 20.26 | 15.53 | 473.7 | 1676  | 38.2  | 5.8  | 100    | 1.55  | 17.0  | 4.8  | <0.2 | 1.6  | 98.1  | 2.94  | 10.54 | 0.25 | 733  | 0.30  | 0.306 |
| 1302421 | Soil | 18.48 | 15.29 | 30.04 | 110.3 | 770   | 12.7  | 1.3  | 43     | 1.19  | 12.3  | 0.8  | 1.0  | 0.2  | 91.0  | 1.12  | 5.52  | 0.16 | 127  | 0.08  | 0.067 |
| 1302422 | Soil | 24.85 | 94.89 | 43.12 | 16.9  | 256   | 6.0   | 0.9  | 41     | 0.46  | 7.3   | 3.8  | 2.0  | 1.0  | 30.5  | 1.32  | 6.13  | 0.09 | 184  | 0.01  | 0.021 |
| 1302423 | Soil | 33.95 | 72.15 | 11.71 | 73.7  | 1145  | 22.5  | 1.3  | 21     | 1.43  | 22.8  | 3.2  | 6.4  | 0.8  | 37.7  | 4.62  | 10.01 | 0.15 | 329  | 0.07  | 0.028 |
| 1302424 | Soil | 118.4 | 196.8 | 579.9 | 566.4 | 11380 | 190.8 | 5.0  | 71     | 3.53  | 132.4 | 34.4 | 12.4 | 2.6  | 93.3  | 2.19  | 47.50 | 0.22 | 3045 | 0.04  | 0.107 |
| 1302425 | Soil | 7.48  | 55.65 | 27.98 | 341.9 | 2160  | 64.3  | 3.5  | 56     | 1.92  | 18.5  | 4.3  | 5.4  | 2.5  | 72.3  | 2.70  | 4.18  | 0.17 | 211  | 0.36  | 0.354 |
| 1302426 | Soil | 33.70 | 172.8 | 13.95 | 589.1 | 3709  | 136.1 | 3.9  | 28     | 2.53  | 37.2  | 10.7 | 2.4  | 1.3  | 143.6 | 1.48  | 14.02 | 0.15 | 546  | 0.46  | 0.055 |
| 1302427 | Soil | 11.62 | 29.06 | 18.16 | 139.6 | 1331  | 24.4  | 2.6  | 49     | 2.66  | 16.5  | 2.3  | 4.0  | 2.1  | 71.3  | 0.53  | 3.32  | 0.22 | 161  | 0.11  | 0.097 |
| 1302428 | Soil | 3.76  | 50.77 | 12.99 | 128.3 | 2041  | 33.8  | 1.0  | 14     | 0.91  | 5.9   | 4.0  | 1.8  | 0.8  | 103.8 | 2.35  | 1.91  | 0.16 | 108  | 0.61  | 0.213 |
| 1302429 | Soil | 279.1 | 246.1 | 22.83 | 5742  | 6525  | 2651  | 1582 | >10000 | 12.17 | 77.6  | 46.5 | 6.5  | 6.3  | 179.8 | 32.04 | 17.38 | 0.14 | 685  | 0.38  | 1.123 |
| 1302501 | Soil | 11.73 | 26.46 | 16.58 | 339.3 | 3170  | 33.1  | 3.0  | 58     | 1.82  | 17.8  | 3.2  | 9.7  | 1.9  | 40.3  | 1.75  | 4.35  | 0.12 | 333  | 0.17  | 0.186 |
| 1302502 | Soil | 21.98 | 27.40 | 25.42 | 499.0 | 2069  | 56.6  | 3.8  | 89     | 2.57  | 26.8  | 4.4  | 2.4  | 2.0  | 85.1  | 2.45  | 7.44  | 0.15 | 417  | 0.21  | 0.314 |
| 1302503 | Soil | 4.57  | 69.16 | 7.88  | 164.6 | 2722  | 71.1  | 2.7  | 21     | 1.09  | 8.6   | 14.5 | 4.2  | 0.1  | 91.3  | 6.89  | 4.45  | 0.13 | 228  | 1.08  | 0.118 |
| 1302504 | Soil | 15.21 | 15.40 | 6.10  | 152.3 | 309   | 49.0  | 2.8  | 36     | 4.61  | 22.2  | 1.8  | 1.3  | <0.1 | 25.7  | 2.54  | 2.52  | 0.04 | 121  | 0.53  | 0.160 |
| 1302505 | Soil | 25.40 | 63.98 | 21.71 | 236.1 | 2013  | 47.0  | 1.9  | 60     | 1.47  | 18.5  | 6.5  | 13.9 | 0.2  | 117.0 | 28.16 | 9.48  | 0.14 | 222  | 0.12  | 0.086 |
| 1302506 | Soil | 36.98 | 117.4 | 16.51 | 629.8 | 2249  | 126.3 | 2.4  | 48     | 1.44  | 27.2  | 9.8  | 3.9  | 1.6  | 132.3 | 10.75 | 14.83 | 0.13 | 677  | 0.42  | 0.142 |
| 1302507 | Soil | 43.18 | 109.4 | 14.30 | 254.9 | 1483  | 51.1  | 1.4  | 31     | 1.68  | 29.4  | 6.8  | 6.4  | 0.2  | 73.3  | 3.62  | 19.49 | 0.14 | 450  | 0.16  | 0.056 |
| 1302508 | Soil | 6.07  | 55.68 | 9.06  | 57.0  | 651   | 26.3  | 0.3  | 2      | 0.56  | 4.2   | 7.5  | 2.8  | <0.1 | 33.3  | 2.91  | 3.74  | 0.09 | 377  | 0.13  | 0.083 |
| 1302509 | Soil | 39.75 | 27.44 | 16.77 | 84.7  | 246   | 8.7   | 1.1  | 49     | 1.19  | 12.9  | 1.4  | 3.9  | 0.7  | 21.5  | 0.78  | 8.45  | 0.14 | 414  | 0.04  | 0.031 |





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CERTIFICATE OF ANALYSIS

DAW1200088.2

| Method  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |      |
|---------|------|------|-------|------|-------|--------|------|-------|-------|------|------|------|------|------|------|------|-------|------|
| Analyte | La   | Cr   | Mg    | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga    |      |
| Unit    | ppm  | ppm  | %     | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   |      |
| MDL     | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   |      |
| 1302419 | Soil | 4.9  | 55.9  | 0.08 | 312.4 | 0.010  | 4    | 1.04  | 0.007 | 0.10 | 0.3  | 2.1  | 5.32 | 0.13 | 45   | 8.3  | 0.19  | 5.9  |
| 1302420 | Soil | 6.6  | 80.9  | 0.16 | 623.2 | 0.009  | 5    | 1.06  | 0.007 | 0.13 | 0.2  | 3.8  | 1.54 | 0.10 | 49   | 7.8  | 0.15  | 5.2  |
| 1302421 | Soil | 2.7  | 15.6  | 0.03 | 451.6 | 0.004  | 3    | 0.35  | 0.006 | 0.11 | 0.1  | 1.0  | 1.44 | 0.21 | 31   | 10.1 | 0.15  | 2.7  |
| 1302422 | Soil | 5.4  | 18.0  | 0.02 | 302.2 | <0.001 | 4    | 0.50  | 0.001 | 0.07 | 0.2  | 1.9  | 0.71 | 0.08 | 47   | 5.1  | 0.10  | 1.7  |
| 1302423 | Soil | 3.1  | 23.6  | 0.05 | 467.5 | 0.004  | 4    | 0.44  | 0.011 | 0.14 | 0.2  | 3.1  | 1.55 | 0.40 | 122  | 5.4  | 0.13  | 2.4  |
| 1302424 | Soil | 7.8  | 295.5 | 0.13 | 798.4 | 0.006  | 5    | 1.71  | 0.010 | 0.14 | 0.7  | 9.1  | 8.06 | 0.23 | 683  | 58.9 | 0.79  | 10.0 |
| 1302425 | Soil | 8.9  | 68.4  | 0.12 | 1171  | 0.009  | 4    | 1.21  | 0.005 | 0.07 | 0.1  | 4.2  | 0.50 | 0.10 | 261  | 7.5  | 0.08  | 3.9  |
| 1302426 | Soil | 4.1  | 50.4  | 0.08 | 1224  | 0.002  | 4    | 0.82  | 0.007 | 0.11 | 0.2  | 4.2  | 0.75 | 0.19 | 373  | 12.3 | 0.16  | 3.0  |
| 1302427 | Soil | 5.5  | 49.1  | 0.12 | 455.7 | 0.005  | 3    | 0.96  | 0.019 | 0.17 | <0.1 | 3.4  | 0.43 | 0.41 | 66   | 5.5  | 0.04  | 3.9  |
| 1302428 | Soil | 6.7  | 39.8  | 0.09 | 1382  | 0.004  | 4    | 0.59  | 0.008 | 0.08 | <0.1 | 2.0  | 0.47 | 0.14 | 166  | 5.0  | 0.10  | 2.8  |
| 1302429 | Soil | 9.0  | 230.9 | 0.03 | 1081  | 0.004  | 6    | 4.43  | 0.010 | 0.11 | 0.2  | 30.4 | 1.97 | 0.43 | 1118 | 23.2 | 0.26  | 8.6  |
| 1302501 | Soil | 8.1  | 76.6  | 0.12 | 341.1 | 0.008  | 2    | 1.10  | 0.005 | 0.08 | 0.1  | 2.3  | 1.03 | 0.12 | 103  | 7.2  | 0.08  | 4.4  |
| 1302502 | Soil | 6.7  | 73.2  | 0.16 | 480.6 | 0.007  | 3    | 1.17  | 0.006 | 0.12 | 0.2  | 3.1  | 1.23 | 0.18 | 48   | 8.9  | 0.14  | 4.5  |
| 1302503 | Soil | 8.0  | 34.4  | 0.10 | 1502  | 0.007  | 3    | 0.81  | 0.017 | 0.05 | 0.1  | 1.3  | 0.45 | 0.12 | 433  | 9.0  | <0.02 | 3.0  |
| 1302504 | Soil | 2.5  | 12.4  | 0.03 | 374.4 | 0.003  | <1   | 0.40  | 0.009 | 0.01 | 0.1  | 0.6  | 0.12 | 0.17 | 58   | 9.4  | 0.04  | 0.9  |
| 1302505 | Soil | 2.3  | 17.0  | 0.02 | 429.5 | 0.001  | 4    | 0.39  | 0.010 | 0.16 | <0.1 | 1.6  | 1.59 | 0.35 | 608  | 10.6 | 0.26  | 1.3  |
| 1302506 | Soil | 4.3  | 47.9  | 0.06 | 900.9 | 0.003  | 8    | 0.54  | 0.006 | 0.15 | 0.1  | 3.7  | 1.60 | 0.22 | 343  | 10.8 | 0.17  | 2.6  |
| 1302507 | Soil | 2.3  | 31.4  | 0.04 | 462.2 | 0.002  | 7    | 0.34  | 0.005 | 0.17 | 0.2  | 2.0  | 2.06 | 0.51 | 414  | 16.0 | 0.17  | 2.6  |
| 1302508 | Soil | 2.4  | 28.0  | 0.02 | 1742  | 0.002  | 5    | 0.42  | 0.003 | 0.05 | <0.1 | 0.7  | 0.86 | 0.12 | 186  | 4.2  | 0.09  | 2.0  |
| 1302509 | Soil | 3.2  | 21.2  | 0.06 | 420.6 | 0.005  | 3    | 0.82  | 0.003 | 0.09 | 0.1  | 1.2  | 1.42 | 0.11 | 69   | 9.2  | 0.26  | 3.9  |



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Project: FACE  
Report Date: August 09, 2012

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QUALITY CONTROL REPORT

DAW1200088.2

| Method          | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |       |
|-----------------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|-------|
| Analyte         | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi    | V    | Ca   | P     |       |
| Unit            | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm   | ppm  | %    | %     |       |
| MDL             | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02  | 2    | 0.01 | 0.001 |       |
| Pulp Duplicates |      |       |       |       |       |      |       |      |      |      |      |      |      |      |      |      |       |      |      |       |       |
| 1302073         | Soil | 1.74  | 30.68 | 54.75 | 439.2 | 35   | 26.3  | 9.9  | 508  | 1.84 | 8.5  | 0.3  | <0.2 | 1.8  | 12.2 | 3.75 | 0.34  | 0.19 | 20   | 0.44  | 0.051 |
| REP 1302073     | QC   | 1.77  | 29.88 | 56.40 | 436.6 | 36   | 25.6  | 10.1 | 501  | 1.85 | 8.7  | 0.3  | <0.2 | 1.7  | 12.7 | 3.80 | 0.32  | 0.18 | 20   | 0.47  | 0.051 |
| 1302084         | Soil | 1.02  | 71.91 | 131.9 | 1109  | 35   | 211.7 | 39.9 | 1474 | 7.48 | 1.9  | 0.3  | 0.3  | 4.1  | 59.0 | 9.10 | 0.31  | 0.06 | 115  | 3.30  | 0.145 |
| REP 1302084     | QC   | 0.97  | 68.38 | 127.1 | 1102  | 47   | 210.1 | 39.2 | 1483 | 7.51 | 1.8  | 0.3  | 1.2  | 4.1  | 57.1 | 8.82 | 0.29  | 0.04 | 114  | 3.29  | 0.130 |
| 1302359         | Soil | 1.49  | 10.84 | 8.72  | 55.8  | 43   | 13.1  | 7.6  | 536  | 2.64 | 5.0  | 0.4  | 0.6  | 2.2  | 8.1  | 0.14 | 0.55  | 0.26 | 52   | 0.07  | 0.028 |
| REP 1302359     | QC   | 1.47  | 10.77 | 8.47  | 57.2  | 40   | 12.6  | 7.7  | 530  | 2.63 | 5.3  | 0.3  | 1.6  | 2.1  | 8.0  | 0.14 | 0.55  | 0.25 | 53   | 0.07  | 0.028 |
| 1302369         | Soil | 1.31  | 21.74 | 9.62  | 52.9  | 46   | 28.8  | 12.1 | 292  | 2.38 | 6.5  | 0.5  | 0.7  | 2.6  | 12.7 | 0.15 | 0.60  | 0.19 | 37   | 0.14  | 0.032 |
| REP 1302369     | QC   | 1.30  | 20.83 | 8.95  | 52.2  | 45   | 29.1  | 11.8 | 293  | 2.38 | 6.7  | 0.5  | 0.4  | 2.5  | 13.1 | 0.15 | 0.59  | 0.20 | 37   | 0.13  | 0.033 |
| 1302395         | Soil | 1.28  | 17.09 | 9.85  | 47.5  | 36   | 12.0  | 5.3  | 123  | 2.27 | 3.5  | 0.3  | 0.7  | 1.8  | 7.4  | 0.18 | 0.54  | 0.23 | 38   | 0.06  | 0.022 |
| REP 1302395     | QC   | 1.26  | 17.19 | 9.71  | 48.0  | 39   | 12.0  | 5.6  | 122  | 2.29 | 3.4  | 0.3  | <0.2 | 1.8  | 7.9  | 0.19 | 0.53  | 0.22 | 39   | 0.07  | 0.024 |
| 1302130         | Soil | 1.88  | 14.67 | 15.85 | 68.0  | 74   | 13.2  | 5.9  | 128  | 2.32 | 6.0  | 0.3  | 0.2  | 2.3  | 6.9  | 0.31 | 0.79  | 0.21 | 57   | 0.06  | 0.019 |
| REP 1302130     | QC   | 1.84  | 14.39 | 15.00 | 67.2  | 72   | 13.0  | 5.7  | 126  | 2.30 | 6.0  | 0.3  | 0.4  | 2.3  | 6.9  | 0.35 | 0.74  | 0.20 | 58   | 0.07  | 0.019 |
| 1302156         | Soil | 3.35  | 13.60 | 19.38 | 184.1 | 90   | 25.2  | 8.3  | 263  | 2.96 | 13.7 | 0.5  | 2.6  | 3.0  | 9.2  | 0.29 | 0.82  | 0.21 | 67   | 0.08  | 0.043 |
| REP 1302156     | QC   | 3.58  | 13.49 | 20.39 | 184.8 | 90   | 26.2  | 8.3  | 269  | 2.95 | 14.6 | 0.5  | 1.2  | 3.2  | 10.2 | 0.30 | 0.83  | 0.21 | 67   | 0.08  | 0.047 |
| 1302166         | Soil | 1.46  | 18.21 | 16.80 | 84.2  | 70   | 22.5  | 12.0 | 492  | 2.83 | 7.5  | 0.4  | 1.2  | 3.0  | 11.5 | 0.18 | 0.50  | 0.25 | 50   | 0.12  | 0.026 |
| REP 1302166     | QC   | 1.44  | 18.25 | 17.24 | 80.5  | 72   | 23.0  | 12.8 | 491  | 2.92 | 7.7  | 0.4  | 0.5  | 3.1  | 11.7 | 0.15 | 0.50  | 0.26 | 52   | 0.13  | 0.027 |
| 1302192         | Soil | 16.11 | 71.17 | 51.90 | 45.5  | 236  | 14.4  | 1.5  | 28   | 0.49 | 3.3  | 4.7  | 2.2  | 1.5  | 16.1 | 4.75 | 13.59 | 0.19 | 361  | 0.06  | 0.017 |
| REP 1302192     | QC   | 16.00 | 71.41 | 51.92 | 45.3  | 231  | 14.0  | 1.5  | 27   | 0.49 | 3.1  | 4.5  | 2.1  | 1.5  | 15.9 | 4.74 | 13.72 | 0.18 | 358  | 0.07  | 0.017 |
| 1302226         | Soil | 1.76  | 18.32 | 18.90 | 71.3  | 49   | 22.3  | 12.9 | 572  | 2.97 | 11.9 | 0.6  | 1.3  | 3.5  | 14.1 | 0.15 | 0.87  | 0.23 | 54   | 0.10  | 0.032 |
| REP 1302226     | QC   | 1.78  | 18.02 | 19.16 | 67.4  | 45   | 22.9  | 13.2 | 592  | 2.98 | 11.9 | 0.6  | 1.2  | 3.6  | 14.1 | 0.14 | 0.85  | 0.24 | 55   | 0.10  | 0.032 |
| 1302252         | Soil | 4.31  | 25.50 | 12.76 | 79.3  | 299  | 16.0  | 3.5  | 58   | 1.79 | 8.3  | 0.2  | 1.5  | 1.3  | 31.1 | 0.41 | 0.92  | 0.18 | 46   | 0.02  | 0.033 |
| REP 1302252     | QC   | 4.28  | 25.15 | 12.56 | 78.6  | 285  | 15.9  | 3.6  | 57   | 1.78 | 8.1  | 0.2  | 0.7  | 1.2  | 31.2 | 0.42 | 0.90  | 0.17 | 46   | 0.02  | 0.034 |
| 1302262         | Soil | 5.07  | 12.77 | 9.70  | 40.1  | 155  | 6.1   | 1.3  | 27   | 0.95 | 7.2  | 0.3  | 1.4  | <0.1 | 11.7 | 0.40 | 1.02  | 0.12 | 108  | 0.03  | 0.035 |
| REP 1302262     | QC   | 5.08  | 12.95 | 9.54  | 40.8  | 145  | 5.9   | 1.2  | 27   | 0.96 | 7.5  | 0.3  | 1.9  | <0.1 | 12.7 | 0.37 | 0.98  | 0.12 | 108  | 0.03  | 0.035 |
| 1302288         | Soil | 15.67 | 49.20 | 13.46 | 150.4 | 807  | 33.7  | 3.7  | 64   | 1.58 | 14.1 | 2.3  | 3.2  | 1.4  | 62.6 | 1.21 | 4.19  | 0.19 | 178  | 0.13  | 0.070 |
| REP 1302288     | QC   | 15.89 | 49.57 | 13.53 | 153.4 | 808  | 34.5  | 3.6  | 63   | 1.59 | 14.0 | 2.3  | 4.1  | 1.4  | 63.1 | 1.18 | 4.11  | 0.19 | 185  | 0.13  | 0.071 |
| 1302298         | Soil | 80.37 | 44.74 | 55.49 | 76.5  | 774  | 18.7  | 1.1  | 18   | 2.64 | 30.4 | 2.7  | 3.8  | 0.2  | 83.5 | 0.92 | 15.52 | 0.27 | 593  | 0.03  | 0.080 |
| REP 1302298     | QC   | 79.78 | 45.22 | 55.99 | 76.1  | 768  | 18.6  | 1.1  | 18   | 2.65 | 30.7 | 2.9  | 3.1  | 0.2  | 83.0 | 0.85 | 15.49 | 0.28 | 606  | 0.03  | 0.078 |



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Project: FACE  
Report Date: August 09, 2012

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## QUALITY CONTROL REPORT

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| Method          | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |      |
|-----------------|------|------|-------|------|-------|-------|------|-------|-------|------|------|------|------|-------|------|------|-------|------|
| Analyte         | La   | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |      |
| Unit            | ppm  | ppm  | %     | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |      |
| MDL             | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates |      |      |       |      |       |       |      |       |       |      |      |      |      |       |      |      |       |      |
| 1302073         | Soil | 3.4  | 15.4  | 0.14 | 297.6 | 0.002 | 4    | 0.87  | 0.004 | 0.16 | <0.1 | 3.2  | 0.21 | 0.03  | 21   | 0.2  | 0.02  | 2.6  |
| REP 1302073     | QC   | 3.5  | 15.2  | 0.14 | 306.1 | 0.002 | 5    | 0.90  | 0.004 | 0.17 | <0.1 | 3.3  | 0.22 | 0.03  | 25   | 0.1  | <0.02 | 2.5  |
| 1302084         | Soil | 65.0 | 302.4 | 0.74 | 631.5 | 0.009 | 7    | 3.11  | 0.002 | 0.24 | <0.1 | 18.8 | 1.00 | 0.04  | 77   | 0.2  | <0.02 | 12.6 |
| REP 1302084     | QC   | 62.5 | 287.2 | 0.73 | 631.8 | 0.007 | 6    | 3.10  | 0.002 | 0.23 | <0.1 | 18.7 | 0.95 | 0.04  | 79   | 0.2  | <0.02 | 11.8 |
| 1302359         | Soil | 7.0  | 20.4  | 0.22 | 228.6 | 0.010 | <1   | 1.60  | 0.007 | 0.07 | 0.1  | 2.2  | 0.13 | <0.02 | 25   | 0.2  | 0.05  | 6.3  |
| REP 1302359     | QC   | 7.0  | 20.4  | 0.21 | 227.4 | 0.011 | <1   | 1.62  | 0.007 | 0.07 | 0.1  | 2.3  | 0.13 | <0.02 | 34   | 0.2  | 0.04  | 6.3  |
| 1302369         | Soil | 7.5  | 32.3  | 0.45 | 242.3 | 0.022 | 2    | 1.31  | 0.004 | 0.08 | 0.2  | 2.4  | 0.08 | <0.02 | 14   | 0.3  | <0.02 | 3.5  |
| REP 1302369     | QC   | 7.4  | 31.7  | 0.45 | 243.3 | 0.021 | 2    | 1.30  | 0.004 | 0.08 | 0.1  | 2.5  | 0.08 | <0.02 | 13   | 0.2  | <0.02 | 3.6  |
| 1302395         | Soil | 6.6  | 16.3  | 0.15 | 133.2 | 0.008 | 2    | 1.17  | 0.005 | 0.14 | <0.1 | 2.3  | 0.15 | <0.02 | 33   | 0.2  | 0.04  | 5.0  |
| REP 1302395     | QC   | 6.5  | 16.7  | 0.15 | 130.9 | 0.008 | 2    | 1.22  | 0.005 | 0.14 | <0.1 | 2.2  | 0.16 | <0.02 | 31   | 0.2  | 0.04  | 5.0  |
| 1302130         | Soil | 9.1  | 20.7  | 0.22 | 134.3 | 0.015 | <1   | 1.15  | 0.004 | 0.05 | 0.1  | 2.0  | 0.13 | <0.02 | 9    | 0.2  | 0.03  | 5.0  |
| REP 1302130     | QC   | 9.0  | 19.8  | 0.22 | 138.4 | 0.014 | <1   | 1.18  | 0.004 | 0.06 | 0.1  | 2.0  | 0.12 | <0.02 | 5    | 0.2  | 0.06  | 4.7  |
| 1302156         | Soil | 8.3  | 32.2  | 0.35 | 153.4 | 0.019 | <1   | 2.24  | 0.004 | 0.07 | 0.1  | 3.0  | 0.24 | 0.03  | 35   | 0.3  | 0.05  | 7.7  |
| REP 1302156     | QC   | 8.8  | 31.7  | 0.39 | 161.6 | 0.020 | <1   | 2.28  | 0.004 | 0.07 | 0.2  | 3.2  | 0.26 | 0.03  | 30   | 0.3  | 0.04  | 8.0  |
| 1302166         | Soil | 7.5  | 29.8  | 0.34 | 343.5 | 0.015 | 2    | 1.84  | 0.004 | 0.13 | 0.1  | 3.1  | 0.20 | <0.02 | 32   | 0.4  | 0.04  | 6.8  |
| REP 1302166     | QC   | 8.1  | 30.6  | 0.38 | 367.1 | 0.016 | 3    | 1.91  | 0.004 | 0.14 | 0.1  | 3.3  | 0.20 | <0.02 | 33   | 0.3  | 0.04  | 6.7  |
| 1302192         | Soil | 5.3  | 16.6  | 0.06 | 296.2 | 0.003 | 5    | 0.74  | 0.002 | 0.11 | 0.1  | 2.9  | 0.65 | 0.06  | 110  | 12.3 | 0.15  | 2.0  |
| REP 1302192     | QC   | 5.2  | 16.3  | 0.06 | 293.4 | 0.002 | 4    | 0.73  | 0.002 | 0.11 | 0.1  | 3.0  | 0.66 | 0.06  | 100  | 12.2 | 0.14  | 2.1  |
| 1302226         | Soil | 10.3 | 31.2  | 0.44 | 197.6 | 0.023 | 2    | 1.84  | 0.004 | 0.09 | 0.1  | 3.6  | 0.20 | 0.02  | 21   | 0.4  | 0.04  | 5.4  |
| REP 1302226     | QC   | 10.5 | 31.5  | 0.45 | 192.0 | 0.024 | 2    | 1.89  | 0.004 | 0.09 | 0.1  | 3.6  | 0.21 | 0.02  | 27   | 0.4  | 0.04  | 5.4  |
| 1302252         | Soil | 2.1  | 17.8  | 0.20 | 647.7 | 0.002 | 3    | 0.97  | 0.006 | 0.12 | <0.1 | 2.4  | 0.55 | 0.10  | 19   | 0.7  | 0.10  | 3.7  |
| REP 1302252     | QC   | 2.0  | 17.8  | 0.19 | 643.5 | 0.002 | 3    | 0.96  | 0.006 | 0.12 | <0.1 | 2.2  | 0.55 | 0.10  | 26   | 0.9  | 0.13  | 3.6  |
| 1302262         | Soil | 6.5  | 15.4  | 0.07 | 260.4 | 0.006 | 1    | 0.87  | 0.004 | 0.05 | <0.1 | 0.5  | 0.31 | 0.03  | 26   | 0.7  | 0.05  | 4.7  |
| REP 1302262     | QC   | 6.6  | 15.5  | 0.07 | 264.4 | 0.006 | 1    | 0.89  | 0.005 | 0.05 | <0.1 | 0.5  | 0.33 | 0.03  | 39   | 0.8  | 0.06  | 4.8  |
| 1302288         | Soil | 4.3  | 23.1  | 0.09 | 1366  | 0.003 | 4    | 0.62  | 0.013 | 0.13 | <0.1 | 2.3  | 0.68 | 0.15  | 138  | 3.1  | 0.06  | 2.2  |
| REP 1302288     | QC   | 4.5  | 23.8  | 0.09 | 1388  | 0.003 | 4    | 0.64  | 0.013 | 0.13 | <0.1 | 2.4  | 0.69 | 0.15  | 132  | 3.1  | 0.10  | 2.3  |
| 1302298         | Soil | 2.3  | 15.9  | 0.04 | 341.8 | 0.003 | 4    | 0.54  | 0.003 | 0.19 | 0.2  | 1.1  | 3.70 | 0.55  | 67   | 18.6 | 0.37  | 3.6  |
| REP 1302298     | QC   | 2.5  | 16.1  | 0.04 | 309.2 | 0.003 | 5    | 0.56  | 0.003 | 0.19 | 0.2  | 1.2  | 3.70 | 0.55  | 57   | 19.0 | 0.39  | 3.7  |



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QUALITY CONTROL REPORT

DAW12000088.2

|                     |          | 1F15<br>Mo<br>ppm<br>0.01 | 1F15<br>Cu<br>ppm<br>0.01 | 1F15<br>Pb<br>ppm<br>0.01 | 1F15<br>Zn<br>ppm<br>0.1 | 1F15<br>Ag<br>ppb<br>2 | 1F15<br>Ni<br>ppm<br>0.1 | 1F15<br>Co<br>ppm<br>0.1 | 1F15<br>Mn<br>ppm<br>1 | 1F15<br>Fe<br>%<br>0.01 | 1F15<br>As<br>ppm<br>0.1 | 1F15<br>U<br>ppm<br>0.1 | 1F15<br>Au<br>ppb<br>0.2 | 1F15<br>Th<br>ppm<br>0.1 | 1F15<br>Sr<br>ppm<br>0.5 | 1F15<br>Cd<br>ppm<br>0.01 | 1F15<br>Sb<br>ppm<br>0.02 | 1F15<br>Bi<br>ppm<br>0.02 | 1F15<br>V<br>ppm<br>2 | 1F15<br>Ca<br>%<br>0.01 | 1F15<br>P<br>%<br>0.001 |
|---------------------|----------|---------------------------|---------------------------|---------------------------|--------------------------|------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-----------------------|-------------------------|-------------------------|
| 1302324             | Soil     | 6.55                      | 39.05                     | 18.32                     | 145.8                    | 725                    | 41.9                     | 5.9                      | 105                    | 2.68                    | 13.9                     | 1.2                     | 6.6                      | 2.0                      | 56.5                     | 0.43                      | 2.17                      | 0.13                      | 141                   | 0.18                    | 0.083                   |
| REP 1302324         | QC       | 6.78                      | 39.19                     | 19.11                     | 145.8                    | 755                    | 44.4                     | 5.9                      | 104                    | 2.73                    | 13.9                     | 1.2                     | 15.1                     | 2.2                      | 56.1                     | 0.46                      | 2.22                      | 0.14                      | 148                   | 0.18                    | 0.086                   |
| Reference Materials |          |                           |                           |                           |                          |                        |                          |                          |                        |                         |                          |                         |                          |                          |                          |                           |                           |                           |                       |                         |                         |
| STD DS9             | Standard | 12.59                     | 105.2                     | 127.9                     | 314.2                    | 1972                   | 40.2                     | 7.4                      | 598                    | 2.30                    | 26.0                     | 2.6                     | 135.9                    | 6.0                      | 68.7                     | 2.34                      | 5.69                      | 6.05                      | 40                    | 0.72                    | 0.086                   |
| STD DS9             | Standard | 13.24                     | 103.2                     | 130.6                     | 312.9                    | 1974                   | 42.5                     | 7.4                      | 579                    | 2.34                    | 22.6                     | 2.6                     | 125.5                    | 6.2                      | 64.0                     | 2.11                      | 5.21                      | 6.13                      | 40                    | 0.72                    | 0.075                   |
| STD DS9             | Standard | 14.59                     | 111.4                     | 118.4                     | 311.6                    | 1843                   | 41.0                     | 8.3                      | 603                    | 2.35                    | 25.4                     | 2.6                     | 115.0                    | 6.4                      | 65.2                     | 2.30                      | 5.09                      | 5.62                      | 40                    | 0.76                    | 0.081                   |
| STD DS9             | Standard | 12.85                     | 106.4                     | 110.4                     | 280.6                    | 1692                   | 39.4                     | 7.5                      | 554                    | 2.14                    | 23.3                     | 2.3                     | 106.4                    | 5.4                      | 58.7                     | 2.21                      | 4.61                      | 5.08                      | 38                    | 0.69                    | 0.074                   |
| STD DS9             | Standard | 13.86                     | 114.3                     | 126.4                     | 307.5                    | 1790                   | 43.0                     | 7.8                      | 572                    | 2.26                    | 24.9                     | 2.4                     | 126.8                    | 5.8                      | 71.3                     | 2.44                      | 5.82                      | 7.13                      | 38                    | 0.72                    | 0.081                   |
| STD DS9             | Standard | 13.95                     | 113.8                     | 127.2                     | 303.9                    | 1766                   | 42.8                     | 7.7                      | 578                    | 2.29                    | 25.1                     | 2.5                     | 137.3                    | 6.1                      | 70.6                     | 2.42                      | 6.06                      | 7.21                      | 39                    | 0.73                    | 0.079                   |
| STD DS9             | Standard | 14.81                     | 117.6                     | 138.6                     | 320.2                    | 1951                   | 45.5                     | 8.1                      | 593                    | 2.36                    | 25.6                     | 2.9                     | 143.5                    | 7.2                      | 76.9                     | 2.60                      | 6.31                      | 7.39                      | 41                    | 0.77                    | 0.079                   |
| STD DS9             | Standard | 13.12                     | 107.6                     | 111.4                     | 308.2                    | 1866                   | 40.0                     | 7.5                      | 589                    | 2.25                    | 25.6                     | 2.3                     | 114.9                    | 5.3                      | 61.4                     | 2.48                      | 5.21                      | 5.62                      | 38                    | 0.72                    | 0.082                   |
| STD DS9             | Standard | 13.52                     | 103.6                     | 122.6                     | 304.1                    | 1899                   | 40.9                     | 7.7                      | 591                    | 2.28                    | 25.0                     | 2.6                     | 113.9                    | 6.3                      | 74.4                     | 2.29                      | 5.54                      | 6.65                      | 38                    | 0.75                    | 0.082                   |
| STD DS9             | Standard | 12.71                     | 109.6                     | 126.1                     | 309.1                    | 1880                   | 39.8                     | 7.7                      | 569                    | 2.32                    | 25.5                     | 2.8                     | 119.3                    | 5.7                      | 58.4                     | 2.26                      | 5.05                      | 4.62                      | 41                    | 0.72                    | 0.078                   |
| STD DS9 Expected    |          | 12.84                     | 108                       | 126                       | 317                      | 1830                   | 40.3                     | 7.6                      | 575                    | 2.33                    | 25.5                     | 2.69                    | 118                      | 6.38                     | 69.6                     | 2.4                       | 4.94                      | 6.32                      | 40                    | 0.7201                  | 0.0819                  |
| BLK                 | Blank    | <0.01                     | 0.16                      | 0.03                      | 0.2                      | 9                      | <0.1                     | <0.1                     | <1                     | 0.01                    | 0.2                      | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | 0.06                      | 0.03                      | <0.1                     | <2                     | 0.3                      | <0.1                     | 2                      | <0.01                   | 0.2                      | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | 0.03                      | <0.01                     | <0.1                     | <2                     | 0.2                      | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | 0.02                      | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | 0.02                      | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | 0.08                      | 0.13                      | <0.1                     | 4                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | 0.01                      | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | <0.01                     | <0.1                     | 4                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK                 | Blank    | <0.01                     | <0.01                     | <0.01                     | <0.1                     | 9                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |



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Project: FACE  
 Report Date: August 09, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000088.2

|                     |          | 1F15<br>La<br>ppm | 1F15<br>Cr<br>ppm | 1F15<br>Mg<br>% | 1F15<br>Ba<br>ppm | 1F15<br>Ti<br>% | 1F15<br>B<br>ppm | 1F15<br>Al<br>% | 1F15<br>Na<br>% | 1F15<br>K<br>% | 1F15<br>W<br>ppm | 1F15<br>Sc<br>ppm | 1F15<br>Ti<br>ppm | 1F15<br>S<br>% | 1F15<br>Hg<br>ppb | 1F15<br>Se<br>ppm | 1F15<br>Te<br>ppm | 1F15<br>Ga<br>ppm |
|---------------------|----------|-------------------|-------------------|-----------------|-------------------|-----------------|------------------|-----------------|-----------------|----------------|------------------|-------------------|-------------------|----------------|-------------------|-------------------|-------------------|-------------------|
|                     |          | 0.5               | 0.5               | 0.01            | 0.5               | 0.001           | 1                | 0.01            | 0.001           | 0.01           | 0.1              | 0.1               | 0.02              | 0.02           | 5                 | 0.1               | 0.02              | 0.1               |
| 1302324             | Soil     | 6.1               | 41.8              | 0.25            | 463.6             | 0.011           | 3                | 1.39            | 0.009           | 0.13           | 0.1              | 2.5               | 0.51              | 0.23           | 65                | 4.3               | 0.07              | 4.0               |
| REP 1302324         | QC       | 6.6               | 42.0              | 0.26            | 494.7             | 0.012           | 3                | 1.48            | 0.012           | 0.13           | 0.1              | 2.6               | 0.52              | 0.23           | 55                | 4.4               | 0.09              | 4.3               |
| Reference Materials |          |                   |                   |                 |                   |                 |                  |                 |                 |                |                  |                   |                   |                |                   |                   |                   |                   |
| STD DS9             | Standard | 12.7              | 113.7             | 0.63            | 304.0             | 0.102           | 2                | 0.95            | 0.084           | 0.40           | 3.1              | 2.5               | 5.87              | 0.17           | 215               | 5.2               | 5.03              | 4.5               |
| STD DS9             | Standard | 12.2              | 118.7             | 0.63            | 259.8             | 0.111           | 3                | 0.95            | 0.086           | 0.40           | 3.1              | 2.6               | 5.90              | 0.17           | 226               | 5.5               | 5.50              | 4.9               |
| STD DS9             | Standard | 14.7              | 123.2             | 0.62            | 307.2             | 0.118           | 3                | 1.00            | 0.096           | 0.42           | 3.2              | 2.7               | 5.73              | 0.17           | 200               | 5.6               | 5.61              | 4.7               |
| STD DS9             | Standard | 12.7              | 114.3             | 0.58            | 276.1             | 0.107           | 2                | 0.92            | 0.080           | 0.37           | 2.9              | 2.3               | 5.30              | 0.15           | 205               | 4.9               | 4.85              | 4.5               |
| STD DS9             | Standard | 13.2              | 117.7             | 0.61            | 314.6             | 0.122           | 3                | 0.95            | 0.083           | 0.39           | 2.9              | 2.4               | 5.48              | 0.16           | 203               | 5.1               | 4.93              | 4.3               |
| STD DS9             | Standard | 13.3              | 119.0             | 0.61            | 316.5             | 0.124           | 2                | 0.95            | 0.084           | 0.40           | 3.1              | 2.4               | 5.54              | 0.16           | 197               | 5.2               | 5.13              | 4.2               |
| STD DS9             | Standard | 15.8              | 124.2             | 0.64            | 333.2             | 0.134           | 3                | 1.01            | 0.088           | 0.41           | 3.5              | 2.6               | 6.06              | 0.16           | 225               | 5.4               | 5.61              | 4.8               |
| STD DS9             | Standard | 12.5              | 116.8             | 0.61            | 313.3             | 0.101           | 3                | 0.94            | 0.085           | 0.40           | 3.3              | 2.6               | 5.69              | 0.16           | 217               | 5.3               | 5.53              | 4.7               |
| STD DS9             | Standard | 13.6              | 118.0             | 0.62            | 303.5             | 0.116           | 3                | 0.99            | 0.084           | 0.39           | 3.2              | 2.9               | 5.57              | 0.16           | 195               | 5.0               | 5.07              | 4.8               |
| STD DS9             | Standard | 13.1              | 115.8             | 0.62            | 293.7             | 0.109           | 2                | 0.96            | 0.088           | 0.40           | 3.1              | 2.0               | 5.64              | 0.17           | 178               | 5.4               | 5.08              | 4.8               |
| STD DS9 Expected    |          | 13.3              | 121               | 0.6165          | 295               | 0.1108          |                  | 0.9577          | 0.0853          | 0.395          | 2.89             | 2.5               | 5.3               | 0.1615         | 200               | 5.2               | 5.02              | 4.59              |
| BLK                 | Blank    | <0.5              | 0.7               | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | 1.1               | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | 0.5               | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | <0.1              |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 03, 2012  
Report Date: August 10, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000089.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-1  
P.O. Number  
Number of Samples: 17

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 17                | Dry at 60C  |              |               | DAW |
| SS80        | 17                | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 17                | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 17                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 10, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW1200089.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd    | Sb    | Bi   | V    | Ca   | P     |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | ppm  | %    | %     |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.01  | 0.02  | 0.02  | 0.02 | 2    | 0.01 | 0.001 |
| 1302510 | Soil    | 7.91  | 69.61 | 11.61 | 314.8 | 2280 | 67.9  | 2.2  | 14   | 1.41 | 13.0 | 6.9  | 4.5  | 1.4  | 100.7 | 6.59  | 4.54  | 0.20 | 156  | 0.38 | 0.301 |
| 1302511 | Soil    | 32.76 | 39.37 | 31.32 | 559.4 | 2050 | 73.5  | 3.7  | 121  | 2.52 | 40.0 | 3.0  | 2.5  | 1.1  | 69.2  | 2.39  | 14.91 | 0.24 | 891  | 0.18 | 0.233 |
| 1302512 | Soil    | 9.97  | 72.49 | 47.53 | 569.5 | 4326 | 115.1 | 5.4  | 93   | 1.84 | 16.5 | 4.9  | 3.3  | 0.3  | 89.7  | 4.64  | 5.27  | 0.23 | 150  | 0.46 | 0.347 |
| 1302513 | Soil    | 44.22 | 305.6 | 8.43  | 124.9 | 8431 | 37.3  | 0.4  | 8    | 1.30 | 34.6 | 38.6 | 10.3 | 1.8  | 124.8 | 34.40 | 19.80 | 0.20 | 683  | 0.13 | 0.107 |
| 1302601 | Soil    | 24.85 | 200.8 | 10.28 | 250.0 | 4351 | 82.8  | 0.9  | 11   | 1.35 | 30.0 | 16.0 | 2.8  | 0.7  | 181.0 | 11.15 | 15.27 | 0.14 | 536  | 0.44 | 0.274 |
| 1302602 | Soil    | 4.34  | 25.65 | 11.41 | 118.0 | 758  | 9.4   | 1.1  | 24   | 1.34 | 4.9  | 0.9  | 4.2  | 1.1  | 73.5  | 0.96  | 0.62  | 0.25 | 22   | 0.01 | 0.023 |
| 1302603 | Soil    | 4.65  | 44.63 | 30.65 | 155.5 | 111  | 36.9  | 12.6 | 350  | 3.36 | 11.3 | 1.0  | 1.4  | 3.7  | 13.9  | 0.70  | 1.54  | 0.28 | 60   | 0.09 | 0.069 |
| 1302604 | Soil    | 3.83  | 44.78 | 26.83 | 146.6 | 488  | 35.3  | 10.3 | 165  | 2.47 | 10.7 | 1.8  | 2.9  | 3.3  | 32.7  | 1.19  | 1.47  | 0.24 | 64   | 0.30 | 0.071 |
| 1302605 | Soil    | 2.09  | 18.65 | 14.80 | 80.3  | 41   | 39.7  | 13.0 | 190  | 2.78 | 8.2  | 0.5  | <0.2 | 3.1  | 10.5  | 0.33  | 0.76  | 0.17 | 58   | 0.06 | 0.024 |
| 1302606 | Soil    | 2.72  | 46.75 | 23.78 | 112.6 | 405  | 32.2  | 9.0  | 191  | 2.36 | 7.2  | 1.6  | 4.8  | 3.9  | 29.3  | 0.74  | 1.03  | 0.23 | 49   | 0.29 | 0.067 |
| 1302607 | Soil    | 4.54  | 40.76 | 30.15 | 172.0 | 157  | 28.2  | 10.1 | 289  | 4.43 | 15.8 | 1.0  | 5.8  | 3.4  | 26.9  | 0.56  | 1.84  | 0.25 | 88   | 0.13 | 0.093 |
| 1302608 | Soil    | 2.65  | 23.34 | 17.62 | 72.5  | 241  | 37.8  | 15.4 | 321  | 3.02 | 12.3 | 0.6  | 6.2  | 4.3  | 15.5  | 0.48  | 1.26  | 0.20 | 71   | 0.10 | 0.038 |
| 1302609 | Soil    | 2.01  | 20.80 | 21.54 | 79.0  | 139  | 18.1  | 7.8  | 196  | 3.17 | 9.0  | 0.6  | 4.5  | 2.4  | 13.9  | 0.22  | 0.71  | 0.24 | 61   | 0.11 | 0.047 |
| 1302610 | Soil    | 4.70  | 27.84 | 31.83 | 93.8  | 385  | 20.5  | 9.2  | 185  | 2.80 | 11.2 | 1.1  | 2.0  | 0.9  | 20.2  | 0.31  | 0.75  | 0.20 | 39   | 0.14 | 0.097 |
| 1302611 | Soil    | 6.27  | 38.43 | 19.65 | 98.6  | 225  | 26.8  | 10.2 | 242  | 2.56 | 8.6  | 1.7  | 2.7  | 2.3  | 29.0  | 0.15  | 0.97  | 0.18 | 45   | 0.23 | 0.039 |
| 1302612 | Soil    | 2.36  | 18.52 | 13.07 | 48.5  | 45   | 14.5  | 5.6  | 152  | 3.19 | 11.3 | 0.4  | 2.7  | 3.0  | 12.6  | 0.13  | 0.91  | 0.23 | 83   | 0.11 | 0.016 |
| 1300952 | Soil    | 4.50  | 31.67 | 17.43 | 538.1 | 732  | 65.3  | 11.8 | 356  | 2.49 | 18.2 | 0.9  | 2.2  | 4.9  | 27.9  | 10.47 | 3.42  | 0.20 | 27   | 0.16 | 0.102 |



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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000089.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302510 | Soil    | 7.6  | 49.5  | 0.03 | 1302  | 0.005 | 4    | 0.66 | 0.007  | 0.08 | <0.1 | 3.0  | 0.35 | 0.14  | 180  | 10.1 | 0.05  | 2.6 |
| 1302511 | Soil    | 6.0  | 99.7  | 0.21 | 565.0 | 0.007 | 2    | 1.34 | <0.001 | 0.07 | 0.2  | 2.5  | 1.49 | 0.09  | 36   | 10.5 | 0.12  | 5.7 |
| 1302512 | Soil    | 6.5  | 67.3  | 0.03 | 834.8 | 0.004 | 4    | 0.61 | 0.007  | 0.07 | 0.1  | 1.0  | 0.43 | 0.14  | 109  | 14.4 | 0.06  | 3.0 |
| 1302513 | Soil    | 7.8  | 236.3 | 0.02 | 492.6 | 0.002 | 2    | 0.53 | 0.016  | 0.05 | 0.4  | 5.9  | 1.13 | 0.34  | 714  | 26.9 | 0.25  | 4.0 |
| 1302601 | Soil    | 9.4  | 133.8 | 0.03 | 452.4 | 0.003 | 4    | 0.62 | 0.003  | 0.08 | 0.2  | 1.8  | 0.61 | 0.22  | 466  | 13.0 | 0.14  | 3.1 |
| 1302602 | Soil    | 1.9  | 18.1  | 0.02 | 312.3 | 0.001 | 5    | 0.68 | 0.016  | 0.16 | <0.1 | 2.4  | 0.50 | 0.30  | 36   | 2.8  | 0.08  | 2.0 |
| 1302603 | Soil    | 7.0  | 31.9  | 0.45 | 201.9 | 0.010 | 3    | 1.51 | 0.002  | 0.12 | <0.1 | 4.0  | 0.25 | <0.02 | 24   | 0.9  | <0.02 | 4.4 |
| 1302604 | Soil    | 10.4 | 31.1  | 0.47 | 602.9 | 0.011 | 2    | 1.32 | 0.007  | 0.08 | <0.1 | 5.0  | 0.20 | <0.02 | 92   | 1.7  | <0.02 | 4.2 |
| 1302605 | Soil    | 8.5  | 36.8  | 0.46 | 252.1 | 0.016 | <1   | 1.64 | 0.002  | 0.07 | <0.1 | 2.5  | 0.12 | <0.02 | 14   | 0.5  | <0.02 | 4.4 |
| 1302606 | Soil    | 11.6 | 30.5  | 0.47 | 334.0 | 0.030 | 2    | 1.27 | 0.007  | 0.07 | <0.1 | 4.8  | 0.19 | <0.02 | 90   | 0.5  | 0.05  | 4.1 |
| 1302607 | Soil    | 9.2  | 35.7  | 0.42 | 193.4 | 0.019 | 1    | 2.15 | 0.005  | 0.07 | 0.1  | 3.2  | 0.28 | 0.04  | 53   | 1.4  | 0.08  | 5.0 |
| 1302608 | Soil    | 8.5  | 39.7  | 0.42 | 207.0 | 0.027 | 3    | 2.70 | 0.004  | 0.06 | 0.1  | 3.6  | 0.17 | <0.02 | 49   | 0.4  | 0.05  | 4.4 |
| 1302609 | Soil    | 8.9  | 26.9  | 0.41 | 151.4 | 0.019 | 1    | 1.51 | 0.004  | 0.07 | 0.1  | 2.5  | 0.18 | <0.02 | 32   | 0.7  | 0.03  | 4.7 |
| 1302610 | Soil    | 6.8  | 20.1  | 0.31 | 207.2 | 0.006 | 2    | 0.92 | 0.004  | 0.12 | <0.1 | 2.3  | 0.26 | 0.05  | 98   | 0.9  | <0.02 | 3.3 |
| 1302611 | Soil    | 8.0  | 17.7  | 0.23 | 279.2 | 0.016 | 1    | 1.10 | 0.017  | 0.06 | 0.1  | 3.1  | 0.27 | 0.07  | 87   | 0.8  | <0.02 | 3.9 |
| 1302612 | Soil    | 10.2 | 26.2  | 0.30 | 210.4 | 0.026 | <1   | 1.74 | 0.003  | 0.03 | 0.2  | 2.4  | 0.13 | <0.02 | 8    | 0.1  | <0.02 | 6.6 |
| 1300952 | Soil    | 14.3 | 38.9  | 0.28 | 288.1 | 0.016 | <1   | 0.80 | 0.007  | 0.04 | 0.1  | 1.9  | 0.11 | <0.02 | 7    | 1.8  | <0.02 | 2.7 |





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**Report Date:** August 10, 2012

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Part: 1 of 2

## QUALITY CONTROL REPORT

DAW12000089.1

| Method              | 1F15     | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15   |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|-------|-------|-------|-------|------|--------|--------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd    | Sb    | Bi    | V     | Ca   | P      |        |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm   | ppm   | ppm   | ppm   | %    | %      |        |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01  | 0.02  | 0.02  | 2     | 0.01 | 0.001  |        |
| Pulp Duplicates     |          |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| 1302601             | Soil     | 24.85 | 200.8 | 10.28 | 250.0 | 4351 | 82.8 | 0.9  | 11   | 1.35  | 30.0 | 16.0 | 2.8   | 0.7  | 181.0 | 11.15 | 15.27 | 0.14  | 536  | 0.44   | 0.274  |
| REP 1302601         | QC       | 24.06 | 201.3 | 10.32 | 249.0 | 4292 | 80.7 | 0.9  | 11   | 1.36  | 30.2 | 15.4 | 1.2   | 0.3  | 177.8 | 10.99 | 14.98 | 0.13  | 561  | 0.43   | 0.253  |
| 1300952             | Soil     | 4.50  | 31.67 | 17.43 | 538.1 | 732  | 65.3 | 11.8 | 356  | 2.49  | 18.2 | 0.9  | 2.2   | 4.9  | 27.9  | 10.47 | 3.42  | 0.20  | 27   | 0.16   | 0.102  |
| REP 1300952         | QC       | 4.20  | 29.37 | 17.15 | 490.4 | 664  | 63.6 | 10.9 | 341  | 2.44  | 17.8 | 0.8  | 2.3   | 4.5  | 24.7  | 9.49  | 3.16  | 0.17  | 26   | 0.15   | 0.097  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |        |        |
| STD DS9             | Standard | 12.33 | 106.8 | 121.6 | 305.4 | 1893 | 37.4 | 7.1  | 581  | 2.33  | 27.4 | 2.8  | 122.3 | 6.5  | 76.3  | 2.33  | 6.04  | 7.18  | 40   | 0.70   | 0.086  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6  | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | 0.01  | 0.03  | <0.1  | 3    | <0.1 | <0.1 | <1   | <0.01 | 0.1  | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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**Project:** FACE  
**Report Date:** August 10, 2012

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**Part:** 2 of 2

QUALITY CONTROL REPORT

DAW12000089.1

| Method              | 1F15     | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|----------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | La       | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | ppm      | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302601             | Soil     | 9.4  | 133.8 | 0.03   | 452.4 | 0.003  | 4    | 0.62   | 0.003  | 0.08  | 0.2  | 1.8  | 0.61  | 0.22   | 466  | 13.0 | 0.14  | 3.1  |
| REP 1302601         | QC       | 9.4  | 128.9 | 0.03   | 458.6 | 0.003  | 4    | 0.64   | 0.003  | 0.08  | 0.2  | 1.5  | 0.52  | 0.23   | 415  | 13.0 | 0.29  | 3.2  |
| 1300952             | Soil     | 14.3 | 38.9  | 0.28   | 288.1 | 0.016  | <1   | 0.80   | 0.007  | 0.04  | 0.1  | 1.9  | 0.11  | <0.02  | 7    | 1.8  | <0.02 | 2.7  |
| REP 1300952         | QC       | 12.4 | 35.7  | 0.25   | 265.0 | 0.014  | <1   | 0.77   | 0.007  | 0.04  | 0.1  | 1.8  | 0.10  | <0.02  | 28   | 1.4  | <0.02 | 2.6  |
| Reference Materials |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 12.5 | 111.7 | 0.62   | 296.6 | 0.108  | <1   | 0.93   | 0.076  | 0.39  | 2.8  | 2.4  | 5.59  | 0.17   | 216  | 5.9  | 5.14  | 4.5  |
| STD DS9 Expected    |          | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 09, 2012  
Report Date: August 10, 2012  
Page: 1 of 12

## CERTIFICATE OF ANALYSIS

## DAW12000117.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-4  
P.O. Number  
Number of Samples: 320

### SAMPLE DISPOSAL

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

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

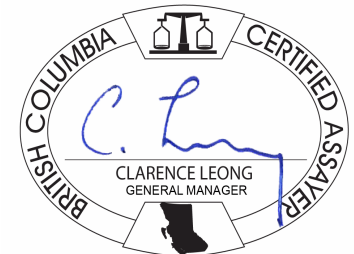
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 320               | Dry at 60C  |              |               | DAW |
| SS80        | 320               | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 320               | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 320               | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
Report Date: August 10, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method Analyte | Unit | MDL | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |       |
|----------------|------|-----|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|
|                |      |     | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb    | Bi   | V    | Ca   | P     |
|                |      |     | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm  | ppm  | %    | %     |
| 1302331        | Soil |     | 1.54  | 22.64 | 17.78 | 72.1  | 103  | 26.1 | 10.2 | 422  | 2.88 | 11.7 | 0.5  | 2.5  | 1.9  | 10.8 | 0.14 | 0.80  | 0.26 | 48   | 0.12 | 0.037 |
| 1302332        | Soil |     | 3.75  | 59.69 | 18.34 | 71.8  | 91   | 23.6 | 15.1 | 794  | 3.09 | 4.9  | 0.5  | 1.3  | 1.7  | 10.8 | 0.12 | 0.43  | 0.42 | 20   | 0.14 | 0.051 |
| 1302333        | Soil |     | 1.59  | 13.86 | 9.96  | 49.8  | 33   | 21.7 | 10.7 | 306  | 2.85 | 11.4 | 0.4  | 1.9  | 3.5  | 12.2 | 0.05 | 0.73  | 0.18 | 52   | 0.12 | 0.026 |
| 1302334        | Soil |     | 1.69  | 46.18 | 8.57  | 27.0  | 65   | 10.8 | 5.8  | 153  | 2.58 | 17.1 | 0.5  | 1.6  | 3.1  | 5.9  | 0.04 | 0.60  | 0.33 | 51   | 0.06 | 0.025 |
| 1302335        | Soil |     | 1.02  | 28.65 | 21.07 | 54.1  | 201  | 16.4 | 12.8 | 658  | 2.13 | 9.6  | 0.6  | 1.2  | 0.7  | 13.2 | 0.17 | 0.44  | 0.23 | 29   | 0.16 | 0.058 |
| 1302336        | Soil |     | 4.25  | 52.90 | 21.11 | 81.8  | 177  | 30.2 | 12.5 | 290  | 3.28 | 11.4 | 0.9  | 2.1  | 3.2  | 15.2 | 0.29 | 1.12  | 0.19 | 53   | 0.20 | 0.115 |
| 1302337        | Soil |     | 2.01  | 21.33 | 20.72 | 78.9  | 77   | 20.6 | 9.3  | 406  | 3.41 | 15.0 | 0.4  | 2.0  | 2.7  | 10.6 | 0.26 | 0.84  | 0.24 | 59   | 0.11 | 0.054 |
| 1302338        | Soil |     | 2.62  | 23.93 | 12.62 | 57.1  | 70   | 24.9 | 11.6 | 225  | 2.77 | 11.7 | 0.9  | 4.0  | 4.6  | 13.6 | 0.21 | 1.00  | 0.15 | 60   | 0.08 | 0.042 |
| 1302339        | Soil |     | 1.37  | 25.60 | 15.25 | 81.4  | 81   | 26.4 | 13.3 | 383  | 3.16 | 9.1  | 0.4  | 0.5  | 2.7  | 10.4 | 0.20 | 0.65  | 0.22 | 49   | 0.12 | 0.050 |
| 1302340        | Soil |     | 1.22  | 17.35 | 10.70 | 49.0  | 49   | 20.9 | 8.9  | 194  | 3.37 | 7.9  | 0.3  | 1.1  | 2.5  | 7.8  | 0.13 | 0.66  | 0.18 | 49   | 0.07 | 0.020 |
| 1302341        | Soil |     | 1.91  | 31.48 | 13.28 | 62.5  | 142  | 28.1 | 11.5 | 179  | 4.55 | 12.1 | 0.6  | 1.1  | 1.7  | 16.3 | 0.18 | 0.73  | 0.23 | 41   | 0.08 | 0.090 |
| 1302342        | Soil |     | 6.94  | 61.04 | 22.72 | 109.1 | 490  | 34.7 | 12.6 | 256  | 3.76 | 9.1  | 1.3  | 3.2  | 3.3  | 42.9 | 0.49 | 0.84  | 0.17 | 40   | 1.03 | 0.110 |
| 1302343        | Soil |     | 2.43  | 104.1 | 20.38 | 172.5 | 508  | 42.7 | 20.8 | 650  | 5.61 | 6.1  | 0.8  | 2.5  | 3.0  | 51.8 | 0.36 | 0.90  | 0.22 | 36   | 1.20 | 0.082 |
| 1302344        | Soil |     | 0.73  | 16.82 | 7.57  | 39.1  | 60   | 16.8 | 8.4  | 184  | 2.43 | 5.6  | 0.3  | 2.4  | 2.5  | 9.1  | 0.09 | 0.29  | 0.23 | 26   | 0.11 | 0.031 |
| 1302345        | Soil |     | 0.61  | 21.65 | 4.70  | 31.1  | 33   | 17.7 | 11.5 | 309  | 2.59 | 9.5  | 0.4  | 1.0  | 3.4  | 7.3  | 0.02 | 0.25  | 0.33 | 18   | 0.04 | 0.026 |
| 1302346        | Soil |     | 1.16  | 16.35 | 8.16  | 39.3  | 67   | 13.4 | 8.4  | 478  | 2.71 | 5.6  | 0.4  | 0.8  | 1.4  | 9.4  | 0.07 | 0.37  | 0.22 | 36   | 0.10 | 0.037 |
| 1302347        | Soil |     | 1.51  | 32.01 | 17.26 | 72.3  | 123  | 23.7 | 18.7 | 1079 | 3.24 | 11.3 | 0.8  | 1.2  | 1.5  | 15.6 | 0.12 | 0.45  | 0.31 | 29   | 0.19 | 0.097 |
| 1302348        | Soil |     | 2.57  | 28.58 | 14.74 | 73.6  | 179  | 23.1 | 7.2  | 142  | 3.32 | 12.2 | 0.5  | 1.8  | 3.0  | 14.0 | 0.23 | 1.09  | 0.22 | 62   | 0.06 | 0.053 |
| 1302349        | Soil |     | 4.12  | 43.57 | 12.35 | 194.6 | 131  | 29.8 | 8.1  | 255  | 3.32 | 7.2  | 0.5  | 1.3  | 2.7  | 10.5 | 0.71 | 0.75  | 0.14 | 51   | 0.13 | 0.041 |
| 1302350        | Soil |     | 88.43 | 143.4 | 75.62 | 371.2 | 2541 | 47.9 | 2.5  | 288  | 3.06 | 68.4 | 19.3 | 4.4  | 0.8  | 82.6 | 7.56 | 30.70 | 0.21 | 1091 | 0.10 | 0.143 |
| 1302430        | Soil |     | 1.63  | 20.86 | 15.15 | 50.9  | 141  | 16.6 | 7.9  | 120  | 2.71 | 13.9 | 0.5  | 0.9  | 1.5  | 8.6  | 0.24 | 0.62  | 0.25 | 45   | 0.07 | 0.034 |
| 1302431        | Soil |     | 4.05  | 41.94 | 20.78 | 128.2 | 681  | 31.8 | 9.8  | 289  | 2.38 | 8.6  | 1.0  | 5.1  | 1.6  | 32.5 | 0.72 | 1.23  | 0.20 | 37   | 0.30 | 0.102 |
| 1302432        | Soil |     | 2.28  | 30.27 | 29.80 | 68.9  | 168  | 30.8 | 13.9 | 317  | 4.12 | 12.3 | 0.6  | <0.2 | 1.1  | 10.1 | 0.11 | 0.87  | 0.21 | 31   | 0.17 | 0.110 |
| 1302433        | Soil |     | 1.97  | 30.69 | 10.86 | 53.0  | 502  | 15.7 | 7.4  | 239  | 2.59 | 6.8  | 0.4  | 0.9  | 2.3  | 3.1  | 0.11 | 0.70  | 0.15 | 33   | 0.05 | 0.040 |
| 1302434        | Soil |     | 2.58  | 17.09 | 14.42 | 47.9  | 167  | 11.0 | 4.8  | 89   | 2.50 | 17.6 | 0.4  | 0.6  | 2.2  | 15.2 | 0.15 | 0.72  | 0.19 | 43   | 0.06 | 0.037 |
| 1302435        | Soil |     | 1.20  | 15.89 | 9.90  | 48.8  | 87   | 13.8 | 10.8 | 799  | 2.95 | 4.2  | 0.3  | 0.7  | 2.3  | 5.8  | 0.12 | 0.49  | 0.23 | 46   | 0.06 | 0.034 |
| 1302436        | Soil |     | 1.81  | 17.97 | 11.49 | 61.1  | 68   | 21.8 | 11.3 | 300  | 2.76 | 11.0 | 0.4  | 2.4  | 2.4  | 10.4 | 0.18 | 0.73  | 0.17 | 51   | 0.11 | 0.032 |
| 1302437        | Soil |     | 1.55  | 24.26 | 9.18  | 51.2  | 46   | 26.9 | 9.0  | 317  | 2.78 | 8.8  | 0.4  | 1.6  | 3.9  | 11.1 | 0.10 | 0.79  | 0.15 | 55   | 0.12 | 0.018 |
| 1302438        | Soil |     | 1.17  | 23.00 | 11.80 | 85.1  | 64   | 24.2 | 17.8 | 1066 | 3.73 | 3.3  | 0.4  | 1.0  | 4.0  | 16.3 | 0.24 | 0.38  | 0.34 | 39   | 0.20 | 0.060 |
| 1302439        | Soil |     | 1.67  | 14.69 | 13.05 | 84.3  | 67   | 15.3 | 7.6  | 365  | 3.49 | 6.2  | 0.3  | 1.0  | 1.3  | 10.9 | 0.40 | 0.57  | 0.20 | 53   | 0.13 | 0.051 |

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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302331 | Soil    | 8.5  | 30.8 | 0.44 | 132.1 | 0.026 | 2    | 1.65 | 0.003  | 0.07 | 0.2  | 2.2  | 0.11 | 0.03  | 64   | 0.3  | 0.05  | 5.2 |
| 1302332 | Soil    | 4.0  | 20.7 | 0.36 | 275.8 | 0.005 | 2    | 1.35 | 0.002  | 0.09 | <0.1 | 1.7  | 0.07 | 0.03  | 53   | <0.1 | 0.04  | 3.9 |
| 1302333 | Soil    | 9.0  | 26.2 | 0.40 | 302.4 | 0.029 | 2    | 1.40 | 0.004  | 0.04 | 0.2  | 2.5  | 0.10 | <0.02 | 44   | 0.3  | 0.04  | 4.7 |
| 1302334 | Soil    | 7.3  | 15.5 | 0.16 | 164.4 | 0.012 | 1    | 1.09 | 0.002  | 0.05 | 0.1  | 1.5  | 0.10 | <0.02 | 40   | 0.1  | 0.04  | 5.7 |
| 1302335 | Soil    | 7.9  | 18.1 | 0.25 | 175.7 | 0.008 | 2    | 1.10 | 0.011  | 0.06 | 0.1  | 1.7  | 0.10 | 0.02  | 57   | 0.1  | 0.04  | 3.9 |
| 1302336 | Soil    | 17.0 | 23.9 | 0.31 | 267.4 | 0.019 | 2    | 1.42 | 0.003  | 0.06 | 0.2  | 3.1  | 0.12 | <0.02 | 46   | 0.8  | 0.03  | 5.0 |
| 1302337 | Soil    | 9.3  | 27.4 | 0.37 | 183.7 | 0.013 | 1    | 1.61 | 0.003  | 0.07 | 0.2  | 2.5  | 0.12 | <0.02 | 39   | 0.2  | 0.06  | 5.6 |
| 1302338 | Soil    | 9.7  | 34.5 | 0.42 | 208.1 | 0.026 | 2    | 2.03 | 0.003  | 0.04 | 0.2  | 3.6  | 0.12 | <0.02 | 46   | 0.4  | 0.04  | 4.4 |
| 1302339 | Soil    | 6.4  | 27.7 | 0.35 | 316.5 | 0.009 | 2    | 2.04 | 0.004  | 0.08 | <0.1 | 2.9  | 0.13 | <0.02 | 31   | 0.2  | 0.05  | 6.5 |
| 1302340 | Soil    | 7.2  | 25.3 | 0.31 | 192.4 | 0.010 | <1   | 1.72 | 0.002  | 0.06 | 0.1  | 2.2  | 0.10 | <0.02 | 28   | 0.2  | 0.02  | 5.2 |
| 1302341 | Soil    | 4.5  | 24.4 | 0.22 | 191.6 | 0.006 | 1    | 1.92 | 0.005  | 0.09 | <0.1 | 2.0  | 0.12 | 0.07  | 59   | 0.4  | 0.03  | 5.1 |
| 1302342 | Soil    | 24.1 | 21.9 | 0.38 | 496.5 | 0.008 | 2    | 1.24 | 0.018  | 0.09 | 0.1  | 8.1  | 0.17 | 0.15  | 157  | 3.4  | 0.03  | 2.9 |
| 1302343 | Soil    | 28.3 | 22.2 | 0.62 | 332.9 | 0.003 | 2    | 1.42 | 0.002  | 0.09 | <0.1 | 6.9  | 0.19 | 0.04  | 139  | 1.3  | 0.05  | 4.1 |
| 1302344 | Soil    | 5.6  | 16.8 | 0.26 | 234.1 | 0.008 | 1    | 1.00 | 0.007  | 0.06 | <0.1 | 1.4  | 0.05 | <0.02 | 25   | 0.2  | <0.02 | 3.4 |
| 1302345 | Soil    | 5.0  | 14.7 | 0.20 | 137.2 | 0.003 | <1   | 0.89 | 0.001  | 0.05 | <0.1 | 1.8  | 0.06 | <0.02 | 48   | <0.1 | 0.04  | 2.8 |
| 1302346 | Soil    | 5.9  | 16.9 | 0.18 | 211.3 | 0.010 | <1   | 0.93 | 0.004  | 0.06 | 0.1  | 1.4  | 0.07 | <0.02 | 43   | 0.2  | 0.06  | 5.0 |
| 1302347 | Soil    | 10.4 | 22.1 | 0.37 | 211.9 | 0.011 | 2    | 1.32 | 0.008  | 0.09 | <0.1 | 1.8  | 0.09 | 0.05  | 66   | 0.2  | 0.07  | 4.0 |
| 1302348 | Soil    | 7.1  | 30.1 | 0.22 | 244.8 | 0.018 | <1   | 2.28 | 0.005  | 0.05 | 0.2  | 2.9  | 0.15 | 0.07  | 64   | 0.6  | 0.07  | 5.2 |
| 1302349 | Soil    | 11.6 | 21.9 | 0.32 | 313.4 | 0.009 | <1   | 1.47 | 0.003  | 0.05 | 0.1  | 2.6  | 0.11 | <0.02 | 31   | 0.8  | 0.03  | 4.3 |
| 1302350 | Soil    | 29.5 | 71.8 | 0.04 | 221.5 | 0.007 | 3    | 0.77 | <0.001 | 0.32 | 0.4  | 2.1  | 2.23 | 0.62  | 1148 | 96.0 | 0.34  | 4.3 |
| 1302430 | Soil    | 7.6  | 20.1 | 0.19 | 238.2 | 0.008 | 1    | 1.35 | 0.005  | 0.07 | 0.1  | 1.8  | 0.10 | <0.02 | 28   | 0.3  | 0.03  | 5.1 |
| 1302431 | Soil    | 13.6 | 20.8 | 0.32 | 586.3 | 0.009 | 2    | 1.18 | 0.008  | 0.08 | 0.1  | 2.6  | 0.17 | 0.04  | 157  | 0.8  | 0.04  | 3.4 |
| 1302432 | Soil    | 4.2  | 12.5 | 0.08 | 95.0  | 0.003 | <1   | 0.75 | 0.003  | 0.10 | <0.1 | 2.3  | 0.11 | 0.02  | 24   | 0.4  | 0.03  | 2.6 |
| 1302433 | Soil    | 7.0  | 17.4 | 0.11 | 41.3  | 0.004 | <1   | 0.90 | 0.001  | 0.07 | <0.1 | 2.8  | 0.14 | 0.02  | 71   | 0.3  | 0.04  | 3.4 |
| 1302434 | Soil    | 6.2  | 20.1 | 0.21 | 153.0 | 0.010 | 1    | 1.28 | 0.012  | 0.08 | 0.1  | 1.9  | 0.19 | 0.06  | 36   | 0.5  | 0.06  | 5.6 |
| 1302435 | Soil    | 5.2  | 21.6 | 0.25 | 168.0 | 0.011 | 2    | 1.83 | 0.007  | 0.08 | <0.1 | 2.5  | 0.17 | <0.02 | 27   | <0.1 | 0.05  | 6.8 |
| 1302436 | Soil    | 7.7  | 24.9 | 0.31 | 178.7 | 0.016 | 2    | 1.38 | 0.004  | 0.05 | 0.1  | 2.0  | 0.17 | <0.02 | 20   | 0.3  | 0.02  | 5.3 |
| 1302437 | Soil    | 8.3  | 29.9 | 0.41 | 240.9 | 0.020 | 1    | 1.95 | 0.004  | 0.05 | 0.2  | 2.4  | 0.14 | <0.02 | 20   | 0.3  | 0.03  | 5.1 |
| 1302438 | Soil    | 11.4 | 26.7 | 0.38 | 807.2 | 0.004 | 3    | 2.11 | 0.005  | 0.18 | <0.1 | 3.6  | 0.19 | <0.02 | 18   | <0.1 | 0.05  | 6.4 |
| 1302439 | Soil    | 8.4  | 24.2 | 0.23 | 263.2 | 0.016 | 2    | 1.51 | 0.006  | 0.09 | 0.1  | 1.8  | 0.12 | <0.02 | 13   | 0.2  | 0.04  | 6.4 |



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**Project:** FACE  
**Report Date:** August 10, 2012

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| Method<br>Analyte<br>Unit<br>MDL |      | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |
|----------------------------------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                                  |      | Mo   | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |
|                                  |      | ppm  | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |
|                                  |      | 0.01 | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| 1302440                          | Soil | 2.54 | 9.95  | 14.77 | 74.9  | 303  | 14.4 | 6.4  | 152  | 2.79 | 8.8  | 0.3  | 0.9  | 2.2  | 9.7  | 0.45 | 0.70 | 0.17 | 65   | 0.11 | 0.038 |
| 1302441                          | Soil | 1.13 | 29.16 | 18.08 | 110.0 | 251  | 26.5 | 9.5  | 114  | 2.93 | 5.2  | 0.3  | 0.5  | 2.2  | 4.6  | 0.40 | 0.52 | 0.19 | 40   | 0.06 | 0.039 |
| 1302442                          | Soil | 2.24 | 28.52 | 12.60 | 81.5  | 245  | 18.3 | 6.8  | 106  | 2.95 | 7.9  | 0.4  | 2.6  | 2.5  | 10.0 | 0.43 | 0.84 | 0.17 | 67   | 0.06 | 0.031 |
| 1302443                          | Soil | 1.80 | 54.87 | 19.48 | 300.8 | 149  | 37.2 | 13.7 | 261  | 3.07 | 7.4  | 0.6  | 1.3  | 2.2  | 12.6 | 0.65 | 0.83 | 0.27 | 42   | 0.14 | 0.075 |
| 1302444                          | Soil | 3.04 | 39.82 | 20.42 | 154.9 | 474  | 32.5 | 13.8 | 295  | 2.52 | 6.4  | 0.8  | 2.0  | 3.5  | 14.9 | 0.88 | 0.73 | 0.19 | 34   | 0.20 | 0.066 |
| 1302445                          | Soil | 1.83 | 15.02 | 19.02 | 89.8  | 95   | 15.6 | 7.1  | 245  | 2.62 | 8.3  | 0.4  | 1.8  | 2.2  | 11.5 | 0.21 | 0.57 | 0.20 | 55   | 0.16 | 0.073 |
| 1302446                          | Soil | 5.44 | 15.54 | 16.35 | 58.0  | 91   | 12.9 | 4.6  | 94   | 2.41 | 12.7 | 0.4  | 2.3  | 2.6  | 7.8  | 0.13 | 1.04 | 0.27 | 56   | 0.04 | 0.027 |
| 1302447                          | Soil | 3.81 | 40.43 | 15.14 | 256.1 | 438  | 48.0 | 9.6  | 220  | 2.36 | 6.3  | 1.9  | 6.2  | 2.6  | 56.0 | 1.72 | 1.19 | 0.17 | 53   | 0.53 | 0.036 |
| 1302448                          | Soil | 2.39 | 19.46 | 10.23 | 182.5 | 47   | 30.4 | 10.6 | 267  | 2.87 | 9.7  | 0.8  | 3.0  | 3.3  | 17.1 | 0.90 | 0.80 | 0.18 | 66   | 0.11 | 0.027 |
| 1302449                          | Soil | 2.63 | 13.94 | 8.78  | 135.9 | 69   | 20.3 | 3.7  | 99   | 2.42 | 5.3  | 0.4  | 1.9  | 1.3  | 8.7  | 0.50 | 0.72 | 0.21 | 55   | 0.08 | 0.033 |
| 1302450                          | Soil | 2.21 | 11.07 | 9.38  | 133.3 | 37   | 17.4 | 4.6  | 206  | 2.55 | 3.4  | 0.2  | 1.0  | 0.6  | 6.5  | 0.56 | 0.55 | 0.17 | 47   | 0.06 | 0.048 |
| 1302514                          | Soil | 1.74 | 11.62 | 10.02 | 53.7  | 90   | 16.7 | 7.3  | 325  | 2.98 | 10.2 | 0.4  | 0.7  | 2.8  | 9.5  | 0.05 | 0.75 | 0.24 | 73   | 0.10 | 0.034 |
| 1302515                          | Soil | 1.56 | 17.68 | 9.65  | 51.2  | 46   | 31.5 | 10.9 | 255  | 3.31 | 23.6 | 0.4  | 1.0  | 2.8  | 12.1 | 0.11 | 0.79 | 0.25 | 64   | 0.12 | 0.029 |
| 1302516                          | Soil | 1.54 | 14.31 | 8.84  | 33.8  | 118  | 15.2 | 6.5  | 143  | 3.23 | 18.0 | 0.4  | 1.9  | 2.1  | 8.9  | 0.07 | 1.04 | 0.28 | 57   | 0.07 | 0.029 |
| 1302517                          | Soil | 1.21 | 16.14 | 6.40  | 32.6  | 66   | 14.7 | 7.8  | 375  | 2.65 | 15.8 | 0.4  | 0.9  | 1.4  | 9.8  | 0.06 | 0.41 | 0.36 | 36   | 0.08 | 0.046 |
| 1302518                          | Soil | 1.73 | 15.59 | 8.32  | 45.9  | 57   | 20.6 | 20.3 | 2413 | 4.15 | 6.5  | 0.5  | 1.9  | 3.6  | 13.5 | 0.10 | 0.54 | 0.34 | 55   | 0.14 | 0.033 |
| 1302519                          | Soil | 1.23 | 38.55 | 5.06  | 63.4  | 71   | 31.6 | 20.8 | 439  | 4.59 | 16.7 | 0.4  | 0.8  | 4.1  | 8.1  | 0.04 | 0.30 | 0.48 | 18   | 0.04 | 0.031 |
| 1302520                          | Soil | 0.57 | 21.54 | 2.80  | 47.0  | 67   | 26.1 | 18.2 | 203  | 3.12 | 14.3 | 0.3  | 0.7  | 4.1  | 8.0  | 0.03 | 0.35 | 0.45 | 9    | 0.01 | 0.015 |
| 1302521                          | Soil | 2.69 | 29.06 | 18.45 | 59.5  | 92   | 28.3 | 13.9 | 690  | 3.97 | 6.9  | 0.6  | 0.9  | 2.5  | 11.5 | 0.16 | 0.57 | 0.29 | 34   | 0.13 | 0.075 |
| 1302522                          | Soil | 1.85 | 23.24 | 13.18 | 81.6  | 143  | 23.8 | 14.6 | 1142 | 3.60 | 7.9  | 0.8  | 1.4  | 2.3  | 15.3 | 0.22 | 0.67 | 0.37 | 51   | 0.13 | 0.066 |
| 1302523                          | Soil | 1.56 | 24.21 | 10.42 | 79.3  | 100  | 24.6 | 15.5 | 1259 | 3.14 | 8.4  | 0.6  | 1.3  | 2.0  | 13.4 | 0.18 | 0.62 | 0.26 | 47   | 0.16 | 0.065 |
| 1302524                          | Soil | 1.49 | 21.23 | 8.02  | 59.3  | 61   | 23.9 | 11.9 | 582  | 2.94 | 10.5 | 0.6  | 1.9  | 2.0  | 12.7 | 0.19 | 0.60 | 0.25 | 44   | 0.12 | 0.045 |
| 1302525                          | Soil | 1.56 | 26.93 | 10.30 | 63.3  | 89   | 32.6 | 11.5 | 275  | 2.84 | 13.0 | 0.5  | 3.7  | 3.1  | 13.2 | 0.10 | 0.84 | 0.18 | 58   | 0.14 | 0.025 |
| 1302526                          | Soil | 1.69 | 35.42 | 7.75  | 54.0  | 86   | 23.9 | 13.3 | 480  | 3.47 | 9.2  | 0.7  | 0.5  | 5.0  | 6.9  | 0.09 | 0.33 | 0.52 | 24   | 0.06 | 0.033 |
| 1302527                          | Soil | 1.33 | 13.08 | 7.63  | 50.5  | 77   | 21.4 | 8.7  | 261  | 3.04 | 9.1  | 0.4  | 0.6  | 3.6  | 7.3  | 0.09 | 0.55 | 0.21 | 54   | 0.07 | 0.022 |
| 1302528                          | Soil | 0.95 | 33.20 | 3.67  | 42.2  | 38   | 26.5 | 12.9 | 300  | 3.78 | 1.3  | 0.6  | 0.3  | 7.4  | 3.9  | 0.05 | 0.31 | 0.32 | 16   | 0.03 | 0.016 |
| 1302529                          | Soil | 1.69 | 20.31 | 8.34  | 47.8  | 97   | 26.3 | 12.2 | 760  | 2.87 | 6.6  | 0.6  | 0.6  | 3.2  | 13.0 | 0.09 | 0.48 | 0.22 | 30   | 0.16 | 0.042 |
| 1302530                          | Soil | 0.97 | 23.79 | 5.18  | 45.6  | 95   | 18.2 | 10.6 | 242  | 2.86 | 7.9  | 0.7  | 0.4  | 3.7  | 5.2  | 0.06 | 0.42 | 0.58 | 25   | 0.05 | 0.023 |
| 1302531                          | Soil | 1.47 | 14.00 | 10.02 | 65.3  | 57   | 14.3 | 6.7  | 289  | 2.97 | 9.3  | 0.4  | 0.9  | 2.4  | 9.6  | 0.09 | 0.56 | 0.28 | 54   | 0.12 | 0.031 |
| 1302532                          | Soil | 1.24 | 11.23 | 5.04  | 53.6  | 63   | 14.0 | 7.8  | 1132 | 3.22 | 6.1  | 0.3  | 1.0  | 0.9  | 15.6 | 0.13 | 0.41 | 0.20 | 41   | 0.20 | 0.065 |

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Project: FACE  
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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302440 | Soil    | 8.6  | 26.1 | 0.27 | 157.7 | 0.022  | <1   | 1.46 | 0.004  | 0.04 | 0.2  | 1.7  | 0.17 | <0.02 | 30   | 0.3  | 0.02  | 5.3 |
| 1302441 | Soil    | 6.8  | 35.7 | 0.41 | 186.4 | 0.003  | 3    | 1.90 | 0.002  | 0.09 | <0.1 | 2.6  | 0.16 | <0.02 | 30   | 0.3  | 0.02  | 5.8 |
| 1302442 | Soil    | 9.3  | 22.7 | 0.22 | 155.2 | 0.021  | <1   | 1.39 | 0.003  | 0.04 | 0.1  | 1.9  | 0.14 | <0.02 | 38   | 0.3  | 0.03  | 6.3 |
| 1302443 | Soil    | 6.2  | 29.6 | 0.41 | 136.9 | 0.008  | 2    | 1.43 | 0.001  | 0.10 | <0.1 | 2.6  | 0.12 | <0.02 | 18   | 0.8  | 0.05  | 4.6 |
| 1302444 | Soil    | 11.0 | 28.3 | 0.46 | 233.3 | 0.011  | 2    | 1.26 | 0.004  | 0.10 | <0.1 | 3.3  | 0.26 | 0.02  | 83   | 0.6  | <0.02 | 3.8 |
| 1302445 | Soil    | 9.3  | 24.2 | 0.30 | 162.2 | 0.016  | 2    | 1.28 | 0.004  | 0.07 | 0.2  | 1.9  | 0.17 | <0.02 | 18   | 0.4  | 0.07  | 5.4 |
| 1302446 | Soil    | 7.4  | 16.6 | 0.14 | 99.2  | 0.009  | 1    | 1.06 | 0.005  | 0.07 | 0.1  | 1.7  | 0.21 | 0.03  | 30   | 0.3  | 0.04  | 4.8 |
| 1302447 | Soil    | 10.9 | 26.2 | 0.37 | 997.0 | 0.015  | 2    | 1.39 | 0.011  | 0.07 | 0.2  | 3.2  | 0.18 | 0.04  | 141  | 1.6  | 0.05  | 4.4 |
| 1302448 | Soil    | 10.3 | 31.2 | 0.37 | 274.7 | 0.027  | <1   | 1.92 | 0.005  | 0.04 | 0.2  | 3.0  | 0.15 | 0.02  | 28   | 0.5  | 0.04  | 5.3 |
| 1302449 | Soil    | 7.0  | 15.0 | 0.10 | 128.4 | 0.016  | <1   | 1.17 | 0.007  | 0.03 | 0.2  | 1.4  | 0.11 | <0.02 | 28   | 0.2  | 0.05  | 5.8 |
| 1302450 | Soil    | 6.1  | 15.9 | 0.13 | 120.5 | 0.013  | <1   | 1.15 | 0.008  | 0.03 | 0.1  | 1.5  | 0.11 | <0.02 | 18   | 0.2  | 0.04  | 5.1 |
| 1302514 | Soil    | 9.8  | 30.1 | 0.36 | 153.1 | 0.023  | <1   | 2.03 | 0.002  | 0.03 | 0.2  | 2.5  | 0.16 | <0.02 | 19   | 0.2  | 0.05  | 7.2 |
| 1302515 | Soil    | 8.9  | 31.6 | 0.42 | 234.6 | 0.020  | 1    | 2.07 | 0.002  | 0.04 | 0.1  | 2.6  | 0.13 | <0.02 | 27   | 0.3  | 0.05  | 6.5 |
| 1302516 | Soil    | 7.7  | 22.4 | 0.21 | 116.8 | 0.014  | <1   | 1.41 | 0.002  | 0.04 | 0.1  | 1.8  | 0.13 | <0.02 | 36   | 0.2  | 0.04  | 6.7 |
| 1302517 | Soil    | 6.7  | 22.4 | 0.22 | 132.0 | 0.005  | <1   | 1.48 | 0.004  | 0.04 | 0.1  | 1.6  | 0.14 | 0.02  | 27   | 0.3  | 0.04  | 4.9 |
| 1302518 | Soil    | 7.7  | 25.4 | 0.23 | 400.0 | 0.007  | <1   | 2.05 | 0.003  | 0.06 | <0.1 | 2.8  | 0.16 | <0.02 | 45   | 0.3  | 0.06  | 8.1 |
| 1302519 | Soil    | 3.0  | 31.8 | 0.63 | 95.4  | <0.001 | <1   | 2.28 | <0.001 | 0.07 | <0.1 | 2.3  | 0.08 | <0.02 | 27   | 0.2  | 0.05  | 6.0 |
| 1302520 | Soil    | 3.4  | 19.5 | 0.44 | 41.2  | <0.001 | <1   | 1.41 | <0.001 | 0.05 | <0.1 | 1.4  | 0.04 | <0.02 | 18   | 0.2  | 0.03  | 3.9 |
| 1302521 | Soil    | 8.2  | 33.4 | 0.25 | 200.8 | 0.011  | 2    | 1.43 | 0.004  | 0.09 | 0.1  | 1.9  | 0.12 | 0.03  | 73   | 0.2  | 0.03  | 5.3 |
| 1302522 | Soil    | 11.1 | 30.2 | 0.42 | 193.4 | 0.023  | 2    | 1.80 | 0.006  | 0.09 | 0.2  | 2.9  | 0.15 | 0.04  | 62   | 0.4  | 0.04  | 6.1 |
| 1302523 | Soil    | 9.1  | 26.9 | 0.40 | 228.0 | 0.020  | 2    | 1.73 | 0.009  | 0.10 | 0.1  | 2.6  | 0.14 | 0.04  | 53   | 0.4  | 0.06  | 5.6 |
| 1302524 | Soil    | 8.9  | 24.3 | 0.34 | 177.8 | 0.018  | 2    | 1.51 | 0.006  | 0.08 | 0.1  | 2.4  | 0.12 | 0.03  | 44   | 0.4  | 0.05  | 4.6 |
| 1302525 | Soil    | 10.6 | 32.4 | 0.50 | 171.9 | 0.046  | 2    | 1.92 | 0.004  | 0.07 | 0.2  | 3.0  | 0.13 | <0.02 | 54   | 0.5  | 0.04  | 5.4 |
| 1302526 | Soil    | 7.0  | 23.1 | 0.34 | 115.1 | 0.002  | 2    | 1.93 | 0.002  | 0.09 | <0.1 | 2.3  | 0.15 | <0.02 | 28   | 0.2  | 0.04  | 5.6 |
| 1302527 | Soil    | 9.8  | 28.1 | 0.37 | 152.8 | 0.014  | 1    | 2.10 | 0.002  | 0.06 | 0.1  | 2.7  | 0.16 | <0.02 | 35   | 0.2  | <0.02 | 6.0 |
| 1302528 | Soil    | 9.3  | 21.0 | 0.33 | 141.4 | 0.001  | 2    | 2.04 | <0.001 | 0.09 | <0.1 | 2.0  | 0.11 | <0.02 | 17   | 0.2  | 0.03  | 4.5 |
| 1302529 | Soil    | 6.8  | 24.4 | 0.27 | 206.6 | 0.006  | 2    | 1.41 | 0.006  | 0.11 | <0.1 | 2.3  | 0.12 | 0.02  | 39   | 0.3  | 0.04  | 4.2 |
| 1302530 | Soil    | 7.2  | 19.2 | 0.27 | 110.0 | 0.003  | 2    | 1.59 | 0.002  | 0.09 | <0.1 | 2.2  | 0.13 | <0.02 | 25   | 0.2  | 0.02  | 4.4 |
| 1302531 | Soil    | 9.8  | 23.2 | 0.30 | 137.8 | 0.013  | 1    | 1.56 | 0.002  | 0.06 | 0.1  | 2.2  | 0.14 | <0.02 | 22   | 0.2  | 0.05  | 6.4 |
| 1302532 | Soil    | 4.9  | 20.6 | 0.23 | 316.0 | 0.006  | 1    | 1.47 | 0.003  | 0.09 | <0.1 | 1.6  | 0.12 | 0.02  | 46   | 0.2  | 0.06  | 6.0 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

## DAW12000117.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|-------|------|------|------|------|-------|-------|------|------|------|------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe    | As   | U    | Au   | Th   | Sr    | Cd    | Sb   | Bi   | V    | Ca   | P     |
| Unit    | MDL     | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm  | %     | ppm  | ppm  | ppb  | ppm  | ppm   | ppm   | ppm  | ppm  | ppm  | %    | %     |
| 1302533 | Soil    | 1.10  | 10.34 | 6.84  | 53.8  | 80   | 12.2  | 7.2  | 351  | 2.50  | 4.1  | 0.3  | 0.9  | 1.3  | 14.3  | 0.10  | 0.44 | 0.19 | 51   | 0.16 | 0.026 |
| 1302534 | Soil    | 3.78  | 26.47 | 15.26 | 102.6 | 48   | 27.5  | 9.2  | 229  | 3.68  | 12.0 | 0.6  | 2.6  | 3.0  | 8.1   | 0.34  | 1.09 | 0.22 | 69   | 0.06 | 0.036 |
| 1302535 | Soil    | 1.72  | 15.67 | 8.31  | 28.2  | 56   | 10.9  | 3.8  | 103  | 2.32  | 6.6  | 0.4  | 0.7  | 1.3  | 7.9   | 0.18  | 0.60 | 0.18 | 60   | 0.05 | 0.022 |
| 1302536 | Soil    | 2.21  | 19.02 | 10.89 | 54.6  | 57   | 25.5  | 10.3 | 214  | 2.93  | 10.7 | 0.6  | 5.0  | 3.9  | 12.5  | 0.19  | 0.87 | 0.19 | 74   | 0.09 | 0.024 |
| 1302537 | Soil    | 2.12  | 83.57 | 11.82 | 117.3 | 57   | 75.4  | 14.3 | 253  | 3.35  | 7.4  | 1.0  | 1.0  | 3.0  | 9.6   | 0.57  | 1.01 | 0.27 | 47   | 0.05 | 0.048 |
| 1302538 | Soil    | 1.92  | 8.55  | 7.58  | 32.1  | 39   | 7.5   | 3.3  | 164  | 1.68  | 6.6  | 0.4  | 1.6  | 1.9  | 8.6   | 0.21  | 0.47 | 0.16 | 59   | 0.08 | 0.042 |
| 1302539 | Soil    | 8.58  | 17.01 | 11.93 | 52.0  | 384  | 8.4   | 1.4  | 41   | 1.22  | 10.3 | 1.4  | 1.1  | 0.6  | 13.8  | 0.62  | 3.55 | 0.11 | 257  | 0.06 | 0.110 |
| 1302540 | Soil    | 2.25  | 12.60 | 10.09 | 77.0  | 34   | 24.6  | 9.8  | 243  | 2.75  | 11.6 | 0.6  | 2.8  | 3.6  | 13.5  | 0.24  | 1.19 | 0.15 | 79   | 0.13 | 0.038 |
| 1302541 | Soil    | 2.44  | 7.80  | 3.73  | 14.7  | 313  | 3.3   | 1.1  | 25   | 0.66  | 2.0  | 0.3  | 0.9  | <0.1 | 5.9   | 0.17  | 1.17 | 0.07 | 65   | 0.03 | 0.024 |
| 1302542 | Soil    | 1.35  | 11.86 | 10.86 | 37.8  | 43   | 12.5  | 4.4  | 124  | 2.71  | 8.9  | 0.5  | 1.9  | 2.2  | 10.0  | 0.11  | 0.62 | 0.22 | 63   | 0.09 | 0.029 |
| 1302543 | Soil    | 1.88  | 36.63 | 13.65 | 88.3  | 65   | 34.1  | 13.1 | 244  | 3.20  | 9.6  | 1.5  | 0.9  | 1.4  | 12.1  | 0.10  | 0.92 | 0.23 | 58   | 0.06 | 0.056 |
| 1302544 | Soil    | 6.16  | 24.59 | 23.38 | 53.4  | 810  | 34.8  | 15.0 | 289  | 3.35  | 20.9 | 1.3  | 4.2  | 4.8  | 26.0  | 0.09  | 1.14 | 0.16 | 61   | 0.09 | 0.055 |
| 1302545 | Soil    | 18.73 | 70.83 | 28.51 | 172.8 | 726  | 38.4  | 8.0  | 180  | 3.08  | 31.1 | 2.2  | 4.2  | 6.5  | 28.8  | 0.66  | 4.91 | 0.33 | 40   | 0.12 | 0.083 |
| 1302546 | Soil    | 2.86  | 105.7 | 37.23 | 349.6 | 290  | 67.5  | 22.3 | 4103 | 8.92  | 29.1 | 4.8  | 5.7  | 1.8  | 32.7  | 1.16  | 2.17 | 0.41 | 19   | 0.08 | 0.100 |
| 1302547 | Soil    | 2.63  | 23.94 | 13.74 | 37.9  | 234  | 22.0  | 6.7  | 149  | 3.47  | 14.0 | 0.7  | 5.7  | 2.5  | 17.3  | 0.17  | 0.91 | 0.22 | 75   | 0.07 | 0.064 |
| 1302548 | Soil    | 2.74  | 34.35 | 19.03 | 67.2  | 376  | 30.5  | 9.4  | 235  | 3.28  | 11.4 | 1.3  | 5.0  | 2.6  | 31.1  | 0.16  | 0.96 | 0.23 | 67   | 0.10 | 0.059 |
| 1302549 | Soil    | 7.95  | 53.40 | 23.71 | 110.2 | 552  | 38.0  | 11.2 | 380  | 2.81  | 14.1 | 1.7  | 2.1  | 3.4  | 35.6  | 0.81  | 2.66 | 0.29 | 36   | 0.31 | 0.112 |
| 1302550 | Soil    | 3.54  | 17.67 | 9.17  | 54.9  | 337  | 22.3  | 5.7  | 139  | 2.69  | 15.1 | 0.9  | 2.2  | 0.4  | 13.2  | 0.53  | 1.43 | 0.16 | 92   | 0.09 | 0.064 |
| 1302551 | Soil    | 9.81  | 14.53 | 20.63 | 83.3  | 494  | 15.1  | 3.9  | 127  | 2.54  | 15.9 | 1.3  | 2.7  | 3.0  | 23.6  | 0.76  | 3.29 | 0.22 | 421  | 0.06 | 0.055 |
| 1302552 | Soil    | 11.26 | 16.62 | 15.09 | 75.4  | 341  | 16.1  | 3.2  | 92   | 1.95  | 20.9 | 1.2  | 2.2  | 0.4  | 25.1  | 1.16  | 3.86 | 0.18 | 344  | 0.07 | 0.067 |
| 1302553 | Soil    | 3.59  | 142.8 | 11.02 | 665.4 | 84   | 79.6  | 17.6 | 1749 | 7.87  | 6.9  | 2.3  | 6.5  | 4.0  | 9.5   | 7.15  | 2.42 | 0.30 | 40   | 0.05 | 0.049 |
| 1302554 | Soil    | 35.39 | 318.3 | 23.13 | 1197  | 197  | 143.7 | 23.9 | 1333 | 10.83 | 9.1  | 2.8  | 8.6  | 3.3  | 242.3 | 17.35 | 3.84 | 0.31 | 112  | 0.10 | 0.190 |
| 1302555 | Soil    | 2.40  | 17.86 | 9.75  | 45.2  | 84   | 18.3  | 5.5  | 147  | 2.15  | 8.8  | 0.6  | 1.9  | 1.4  | 20.7  | 0.25  | 1.55 | 0.15 | 94   | 0.16 | 0.043 |
| 1302556 | Soil    | 2.47  | 29.10 | 10.96 | 97.2  | 30   | 34.9  | 11.1 | 218  | 3.09  | 12.2 | 1.0  | 3.7  | 4.4  | 10.7  | 0.68  | 0.91 | 0.19 | 67   | 0.08 | 0.028 |
| 1302557 | Soil    | 1.86  | 14.03 | 11.32 | 63.5  | 38   | 20.5  | 10.0 | 379  | 3.05  | 10.2 | 0.5  | 1.3  | 2.7  | 12.3  | 0.18  | 0.79 | 0.23 | 67   | 0.10 | 0.028 |
| 1302558 | Soil    | 1.01  | 12.88 | 8.53  | 30.4  | 82   | 7.9   | 4.8  | 391  | 2.13  | 5.2  | 0.3  | 0.6  | 1.2  | 10.8  | 0.14  | 0.26 | 0.22 | 35   | 0.09 | 0.029 |
| 1302559 | Soil    | 1.48  | 10.33 | 9.78  | 32.8  | 64   | 9.8   | 5.2  | 316  | 2.88  | 6.0  | 0.3  | 0.7  | 1.2  | 10.1  | 0.11  | 0.49 | 0.21 | 47   | 0.08 | 0.040 |
| 1302560 | Soil    | 1.82  | 17.24 | 15.23 | 68.7  | 77   | 15.5  | 7.1  | 205  | 2.82  | 13.4 | 0.3  | 1.2  | 2.4  | 10.6  | 0.16  | 0.90 | 0.26 | 44   | 0.07 | 0.027 |
| 1302561 | Soil    | 5.61  | 31.44 | 42.34 | 151.5 | 452  | 27.1  | 8.0  | 98   | 3.01  | 11.5 | 0.8  | 0.9  | 3.9  | 23.3  | 0.66  | 0.57 | 0.18 | 23   | 0.19 | 0.097 |
| 1302562 | Soil    | 0.71  | 10.29 | 7.88  | 37.5  | 163  | 7.0   | 3.4  | 115  | 1.23  | 2.1  | 0.2  | 0.4  | 1.0  | 9.5   | 0.20  | 0.27 | 0.10 | 35   | 0.10 | 0.018 |

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 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302533 | Soil    | 7.7  | 19.2 | 0.20 | 362.4 | 0.016 | <1   | 1.42 | 0.011  | 0.06 | <0.1 | 1.9  | 0.13 | <0.02 | 19   | 0.2  | 0.03  | 6.6 |
| 1302534 | Soil    | 8.4  | 29.3 | 0.26 | 173.0 | 0.029 | 1    | 2.15 | 0.005  | 0.04 | 0.2  | 3.0  | 0.16 | 0.03  | 42   | 0.7  | 0.06  | 6.6 |
| 1302535 | Soil    | 7.3  | 18.0 | 0.15 | 156.7 | 0.030 | <1   | 1.24 | 0.010  | 0.03 | 0.1  | 1.7  | 0.11 | <0.02 | 16   | 0.3  | 0.04  | 6.1 |
| 1302536 | Soil    | 10.7 | 36.7 | 0.42 | 284.7 | 0.042 | 1    | 2.37 | 0.003  | 0.04 | 0.2  | 3.4  | 0.14 | <0.02 | 30   | 0.5  | 0.04  | 5.7 |
| 1302537 | Soil    | 8.2  | 23.7 | 0.20 | 233.1 | 0.012 | 1    | 2.53 | 0.004  | 0.07 | 0.1  | 4.1  | 0.16 | <0.02 | 51   | 0.5  | 0.09  | 5.3 |
| 1302538 | Soil    | 10.6 | 18.4 | 0.15 | 111.6 | 0.032 | <1   | 1.16 | 0.005  | 0.02 | 0.1  | 1.6  | 0.14 | <0.02 | 13   | 0.3  | 0.03  | 5.4 |
| 1302539 | Soil    | 6.2  | 29.8 | 0.06 | 160.4 | 0.025 | <1   | 0.71 | 0.014  | 0.04 | 0.1  | 1.1  | 0.40 | 0.04  | 49   | 2.3  | 0.06  | 4.3 |
| 1302540 | Soil    | 10.9 | 30.1 | 0.42 | 122.7 | 0.041 | 1    | 1.68 | 0.004  | 0.04 | 0.2  | 2.7  | 0.15 | <0.02 | 36   | 0.6  | 0.05  | 4.8 |
| 1302541 | Soil    | 3.7  | 7.3  | 0.03 | 88.2  | 0.014 | <1   | 0.31 | 0.019  | 0.02 | <0.1 | 0.2  | 0.15 | <0.02 | 24   | 0.7  | <0.02 | 2.2 |
| 1302542 | Soil    | 12.0 | 23.8 | 0.24 | 192.0 | 0.037 | 1    | 1.36 | 0.002  | 0.04 | 0.2  | 2.0  | 0.14 | <0.02 | 32   | 0.5  | 0.05  | 6.5 |
| 1302543 | Soil    | 8.9  | 23.8 | 0.17 | 103.3 | 0.022 | <1   | 1.51 | 0.002  | 0.05 | 0.2  | 2.4  | 0.14 | 0.03  | 44   | 0.5  | 0.06  | 5.8 |
| 1302544 | Soil    | 14.0 | 38.8 | 0.43 | 278.3 | 0.037 | 2    | 2.94 | 0.004  | 0.08 | 0.1  | 4.4  | 0.19 | 0.07  | 106  | 0.9  | 0.03  | 5.3 |
| 1302545 | Soil    | 42.5 | 16.5 | 0.41 | 109.7 | 0.002 | 2    | 0.94 | 0.003  | 0.10 | <0.1 | 2.9  | 0.32 | 0.07  | 104  | 4.3  | 0.06  | 3.3 |
| 1302546 | Soil    | 8.1  | 14.6 | 0.12 | 919.8 | 0.003 | 2    | 1.29 | 0.020  | 0.08 | <0.1 | 9.9  | 0.30 | 0.17  | 304  | 2.1  | 0.18  | 3.3 |
| 1302547 | Soil    | 11.0 | 27.2 | 0.27 | 168.2 | 0.028 | <1   | 1.57 | 0.002  | 0.05 | 0.2  | 2.1  | 0.14 | 0.04  | 57   | 0.4  | 0.06  | 6.5 |
| 1302548 | Soil    | 15.6 | 30.8 | 0.36 | 1295  | 0.025 | 1    | 1.78 | 0.006  | 0.07 | 0.1  | 3.9  | 0.18 | 0.06  | 70   | 0.9  | 0.06  | 5.7 |
| 1302549 | Soil    | 23.5 | 21.2 | 0.44 | 259.5 | 0.005 | 2    | 1.06 | 0.003  | 0.09 | <0.1 | 2.7  | 0.17 | 0.05  | 80   | 2.2  | 0.07  | 3.2 |
| 1302550 | Soil    | 8.6  | 31.8 | 0.28 | 141.2 | 0.030 | <1   | 1.65 | 0.006  | 0.04 | 0.2  | 1.6  | 0.15 | 0.02  | 77   | 1.7  | 0.07  | 5.5 |
| 1302551 | Soil    | 14.5 | 43.7 | 0.21 | 198.8 | 0.028 | <1   | 1.68 | <0.001 | 0.05 | 0.2  | 2.6  | 0.62 | 0.03  | 33   | 3.4  | 0.08  | 7.5 |
| 1302552 | Soil    | 10.6 | 26.2 | 0.20 | 306.6 | 0.021 | 2    | 1.10 | 0.005  | 0.06 | 0.1  | 1.3  | 0.39 | 0.06  | 66   | 5.9  | 0.05  | 4.9 |
| 1302553 | Soil    | 8.0  | 18.6 | 0.16 | 296.1 | 0.005 | 2    | 1.89 | 0.004  | 0.09 | <0.1 | 12.3 | 0.24 | 0.03  | 91   | 1.4  | 0.08  | 4.4 |
| 1302554 | Soil    | 9.9  | 41.9 | 0.15 | 703.5 | 0.005 | 2    | 1.96 | 0.047  | 0.23 | <0.1 | 12.1 | 0.61 | 0.50  | 128  | 16.0 | 0.20  | 4.4 |
| 1302555 | Soil    | 10.7 | 22.4 | 0.31 | 236.1 | 0.036 | 1    | 1.28 | 0.006  | 0.04 | 0.2  | 2.1  | 0.18 | <0.02 | 47   | 1.2  | 0.03  | 4.9 |
| 1302556 | Soil    | 10.6 | 35.9 | 0.45 | 228.0 | 0.052 | 1    | 2.48 | 0.003  | 0.05 | 0.2  | 4.7  | 0.17 | <0.02 | 31   | 0.8  | 0.05  | 5.7 |
| 1302557 | Soil    | 8.9  | 29.3 | 0.39 | 160.0 | 0.030 | 2    | 1.87 | 0.004  | 0.05 | 0.1  | 2.9  | 0.16 | <0.02 | 24   | 0.5  | 0.05  | 5.3 |
| 1302558 | Soil    | 4.3  | 13.8 | 0.11 | 159.8 | 0.010 | 1    | 1.03 | 0.013  | 0.06 | <0.1 | 1.4  | 0.09 | <0.02 | 27   | 0.1  | 0.03  | 4.8 |
| 1302559 | Soil    | 5.0  | 17.8 | 0.17 | 151.5 | 0.019 | 1    | 1.05 | 0.011  | 0.04 | 0.1  | 1.5  | 0.10 | <0.02 | 25   | 0.3  | 0.03  | 4.4 |
| 1302560 | Soil    | 5.4  | 22.4 | 0.30 | 239.1 | 0.006 | 3    | 1.52 | 0.003  | 0.11 | <0.1 | 2.3  | 0.16 | 0.03  | 18   | 0.3  | 0.05  | 4.6 |
| 1302561 | Soil    | 19.7 | 24.5 | 0.43 | 194.5 | 0.003 | 5    | 1.08 | 0.004  | 0.17 | <0.1 | 4.4  | 0.32 | 0.02  | 144  | 0.9  | 0.03  | 3.5 |
| 1302562 | Soil    | 4.6  | 10.8 | 0.10 | 149.6 | 0.016 | <1   | 0.71 | 0.018  | 0.05 | <0.1 | 1.2  | 0.09 | <0.02 | 20   | 0.2  | 0.03  | 3.4 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

**CERTIFICATE OF ANALYSIS**

**DAW12000117.1**

| Method<br>Analyte | Unit | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  |
|-------------------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|------|-------|
|                   |      | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd    | Sb    | Bi   | V    | Ca   | P     |
| MDL               | MDL  | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm   | ppm   | ppm   | ppm  | ppm  | %    | %     |
| 1302563           | Soil | 13.98 | 30.52 | 21.89 | 109.4 | 249  | 33.3 | 6.0  | 150  | 2.48 | 21.0 | 1.5  | 2.3  | 3.2  | 24.9  | 0.87  | 5.35  | 0.17 | 372  | 0.07 | 0.051 |
| 1302564           | Soil | 4.03  | 26.38 | 29.67 | 43.7  | 1223 | 15.1 | 4.8  | 132  | 3.55 | 39.2 | 0.7  | 18.1 | 2.6  | 56.6  | 0.18  | 2.68  | 0.19 | 125  | 0.06 | 0.062 |
| 1302565           | Soil | 38.99 | 209.5 | 87.33 | 469.2 | 1678 | 65.0 | 5.2  | 196  | 2.37 | 23.6 | 5.5  | 2.6  | 2.2  | 223.3 | 20.36 | 15.25 | 0.26 | 203  | 0.57 | 0.201 |
| 1302566           | Soil | 2.20  | 35.33 | 21.09 | 137.3 | 370  | 28.8 | 13.0 | 317  | 2.54 | 7.4  | 0.7  | 2.3  | 1.4  | 18.4  | 0.78  | 0.87  | 0.20 | 55   | 0.20 | 0.061 |
| 1302567           | Soil | 1.92  | 15.68 | 13.61 | 107.1 | 142  | 19.0 | 7.5  | 195  | 2.77 | 7.2  | 0.3  | 1.0  | 2.3  | 12.2  | 0.53  | 0.74  | 0.17 | 75   | 0.14 | 0.025 |
| 1302568           | Soil | 2.10  | 11.99 | 12.85 | 100.1 | 110  | 15.5 | 6.9  | 220  | 2.69 | 8.0  | 0.4  | 0.8  | 2.6  | 11.9  | 0.45  | 0.74  | 0.20 | 81   | 0.14 | 0.037 |
| 1302569           | Soil | 1.69  | 12.66 | 12.82 | 74.1  | 364  | 13.5 | 6.2  | 312  | 2.45 | 6.9  | 0.3  | 1.0  | 2.1  | 10.7  | 0.37  | 0.64  | 0.18 | 68   | 0.10 | 0.024 |
| 1302570           | Soil | 2.19  | 22.00 | 10.26 | 97.1  | 38   | 20.1 | 10.8 | 636  | 2.50 | 17.6 | 0.5  | 0.6  | 2.9  | 9.0   | 0.28  | 0.67  | 0.27 | 56   | 0.09 | 0.024 |
| 1302571           | Soil | 1.67  | 17.52 | 10.33 | 70.5  | 137  | 15.6 | 15.8 | 1836 | 2.86 | 5.0  | 0.4  | 0.6  | 2.3  | 9.2   | 0.15  | 0.36  | 0.28 | 56   | 0.10 | 0.038 |
| 1302572           | Soil | 2.45  | 16.93 | 11.64 | 78.2  | 50   | 24.3 | 9.0  | 408  | 3.41 | 13.4 | 0.5  | 1.4  | 2.9  | 11.2  | 0.17  | 0.98  | 0.28 | 86   | 0.09 | 0.032 |
| 1302573           | Soil | 3.25  | 26.00 | 14.69 | 70.2  | 80   | 35.1 | 11.9 | 485  | 3.28 | 13.7 | 0.7  | 2.1  | 4.3  | 14.4  | 0.25  | 1.20  | 0.24 | 94   | 0.13 | 0.032 |
| 1302574           | Soil | 1.06  | 25.51 | 9.73  | 99.2  | 56   | 28.3 | 14.9 | 713  | 3.53 | 10.4 | 0.5  | 1.6  | 3.2  | 19.4  | 0.16  | 0.36  | 0.47 | 28   | 0.29 | 0.030 |
| 1302575           | Soil | 1.02  | 14.41 | 6.40  | 41.8  | 47   | 12.4 | 6.9  | 291  | 2.38 | 3.4  | 0.4  | 0.9  | 1.6  | 6.5   | 0.23  | 0.25  | 0.26 | 33   | 0.08 | 0.040 |
| 1302576           | Soil | 2.32  | 15.25 | 13.49 | 32.6  | 281  | 13.3 | 6.1  | 170  | 3.21 | 15.2 | 0.4  | 1.2  | 2.8  | 14.4  | 0.08  | 0.64  | 0.23 | 66   | 0.10 | 0.033 |
| 1302577           | Soil | 1.63  | 7.69  | 8.85  | 29.5  | 64   | 11.5 | 4.8  | 163  | 2.81 | 8.4  | 0.3  | 1.2  | 2.5  | 10.2  | 0.07  | 0.58  | 0.18 | 63   | 0.10 | 0.018 |
| 1302578           | Soil | 1.40  | 11.04 | 8.07  | 36.6  | 70   | 9.8  | 7.0  | 588  | 2.42 | 6.1  | 0.4  | 6.6  | 2.8  | 8.6   | 0.06  | 0.47  | 0.22 | 63   | 0.09 | 0.019 |
| 1302579           | Soil | 2.09  | 13.94 | 9.66  | 39.6  | 89   | 17.4 | 7.5  | 221  | 3.30 | 12.8 | 0.4  | 0.6  | 2.7  | 10.3  | 0.06  | 0.76  | 0.24 | 66   | 0.11 | 0.028 |
| 1302580           | Soil | 1.42  | 15.23 | 7.17  | 41.5  | 91   | 12.4 | 6.3  | 393  | 2.92 | 6.9  | 0.4  | 1.5  | 2.0  | 7.8   | 0.09  | 0.51  | 0.29 | 57   | 0.09 | 0.032 |
| 1302581           | Soil | 1.92  | 15.41 | 11.40 | 42.7  | 75   | 22.1 | 9.2  | 265  | 3.15 | 12.7 | 0.5  | 3.9  | 3.7  | 8.3   | 0.10  | 0.81  | 0.27 | 68   | 0.08 | 0.020 |
| 1302582           | Soil | 1.72  | 22.92 | 8.55  | 52.4  | 60   | 23.7 | 12.2 | 440  | 3.26 | 9.7  | 0.5  | 3.9  | 3.5  | 5.7   | 0.10  | 0.51  | 0.22 | 55   | 0.05 | 0.035 |
| 1302583           | Soil | 1.22  | 16.62 | 8.29  | 44.4  | 23   | 23.0 | 11.6 | 217  | 2.76 | 11.2 | 0.5  | 1.5  | 3.9  | 8.5   | 0.08  | 0.52  | 0.18 | 50   | 0.08 | 0.022 |
| 1302584           | Soil | 1.40  | 23.24 | 10.08 | 37.6  | 8    | 19.9 | 8.8  | 207  | 2.59 | 9.5  | 0.6  | 2.9  | 4.9  | 8.2   | 0.04  | 0.71  | 0.14 | 59   | 0.08 | 0.018 |
| 1302585           | Soil | 0.65  | 7.89  | 6.94  | 13.8  | 70   | 3.8  | 3.7  | 204  | 1.00 | 2.3  | 0.3  | 0.8  | 0.3  | 9.9   | 0.10  | 0.12  | 0.14 | 35   | 0.11 | 0.021 |
| 1302586           | Soil | 14.26 | 36.93 | 14.16 | 20.1  | 307  | 19.6 | 67.1 | 1148 | 8.91 | 31.7 | 1.6  | 2.9  | 8.6  | 275.2 | 0.04  | 1.11  | 0.23 | 28   | 6.99 | 0.953 |
| 1302587           | Soil | 1.09  | 18.11 | 16.55 | 45.2  | 121  | 25.5 | 10.9 | 418  | 2.80 | 9.9  | 0.9  | 2.5  | 3.0  | 44.5  | 0.13  | 0.46  | 0.19 | 56   | 1.27 | 0.036 |
| 1302588           | Soil | 0.96  | 17.33 | 16.29 | 44.6  | 113  | 21.6 | 9.4  | 427  | 2.82 | 8.9  | 1.0  | 0.9  | 3.0  | 37.4  | 0.20  | 0.41  | 0.21 | 59   | 0.78 | 0.033 |
| 1302589           | Soil | 0.90  | 23.66 | 17.37 | 49.4  | 203  | 28.0 | 12.8 | 600  | 2.88 | 9.1  | 0.7  | 1.1  | 2.8  | 50.7  | 0.19  | 0.45  | 0.19 | 49   | 1.69 | 0.038 |
| 1302590           | Soil | 1.14  | 22.87 | 14.05 | 49.0  | 163  | 26.0 | 10.9 | 439  | 2.74 | 10.5 | 0.7  | 1.9  | 3.8  | 27.1  | 0.12  | 0.55  | 0.24 | 55   | 0.60 | 0.023 |
| 1302591           | Soil | 0.85  | 19.38 | 19.22 | 47.1  | 105  | 26.9 | 12.0 | 767  | 3.10 | 9.7  | 0.8  | 3.6  | 2.0  | 41.4  | 0.13  | 0.42  | 0.20 | 51   | 0.89 | 0.049 |
| 1302592           | Soil | 0.74  | 23.04 | 15.76 | 38.6  | 229  | 24.8 | 12.8 | 694  | 2.80 | 8.0  | 0.8  | 1.3  | 2.1  | 91.0  | 0.17  | 0.41  | 0.22 | 37   | 2.41 | 0.068 |

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 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302563 | Soil    | 8.3  | 43.1 | 0.31 | 248.6 | 0.024 | 3    | 1.77 | 0.002 | 0.06 | 0.2  | 3.3  | 0.56 | 0.07  | 45   | 4.1  | 0.11  | 5.8 |
| 1302564 | Soil    | 8.8  | 49.5 | 0.31 | 366.8 | 0.035 | 2    | 1.76 | 0.015 | 0.14 | 0.1  | 3.8  | 0.44 | 0.26  | 154  | 4.3  | 0.14  | 7.9 |
| 1302565 | Soil    | 7.6  | 22.5 | 0.16 | 471.4 | 0.008 | 5    | 0.73 | 0.012 | 0.19 | 0.2  | 4.0  | 0.80 | 0.28  | 303  | 23.3 | 0.46  | 2.1 |
| 1302566 | Soil    | 10.9 | 26.1 | 0.41 | 268.4 | 0.019 | 2    | 1.43 | 0.006 | 0.10 | 0.1  | 2.6  | 0.19 | <0.02 | 43   | 0.8  | 0.03  | 4.7 |
| 1302567 | Soil    | 8.3  | 27.9 | 0.36 | 162.5 | 0.020 | 1    | 1.77 | 0.004 | 0.05 | 0.1  | 2.7  | 0.19 | <0.02 | 15   | 0.3  | 0.03  | 6.3 |
| 1302568 | Soil    | 10.1 | 27.0 | 0.36 | 178.9 | 0.027 | <1   | 1.70 | 0.004 | 0.05 | 0.2  | 2.5  | 0.19 | <0.02 | 15   | 0.3  | 0.04  | 6.4 |
| 1302569 | Soil    | 9.9  | 22.6 | 0.29 | 182.3 | 0.024 | <1   | 1.48 | 0.005 | 0.05 | 0.1  | 2.4  | 0.20 | <0.02 | 10   | 0.2  | 0.04  | 5.9 |
| 1302570 | Soil    | 8.4  | 23.1 | 0.31 | 209.4 | 0.015 | 2    | 1.46 | 0.003 | 0.07 | 0.1  | 2.4  | 0.15 | <0.02 | 12   | 0.4  | 0.03  | 4.7 |
| 1302571 | Soil    | 6.3  | 23.4 | 0.23 | 473.5 | 0.010 | 1    | 2.31 | 0.006 | 0.08 | <0.1 | 2.9  | 0.15 | <0.02 | 46   | 0.3  | 0.04  | 7.9 |
| 1302572 | Soil    | 8.7  | 32.3 | 0.46 | 237.2 | 0.022 | 2    | 2.29 | 0.003 | 0.06 | 0.1  | 3.2  | 0.20 | <0.02 | 26   | 0.6  | 0.07  | 7.2 |
| 1302573 | Soil    | 9.5  | 38.3 | 0.45 | 288.4 | 0.037 | 2    | 2.72 | 0.003 | 0.09 | 0.2  | 3.6  | 0.22 | <0.02 | 39   | 0.6  | 0.07  | 6.3 |
| 1302574 | Soil    | 3.6  | 25.1 | 0.54 | 547.4 | 0.003 | 3    | 2.06 | 0.004 | 0.19 | <0.1 | 3.3  | 0.10 | 0.02  | 37   | 0.3  | 0.04  | 5.5 |
| 1302575 | Soil    | 3.8  | 19.1 | 0.21 | 252.8 | 0.004 | 2    | 1.52 | 0.007 | 0.09 | 0.1  | 2.3  | 0.13 | <0.02 | 25   | 0.2  | 0.03  | 5.5 |
| 1302576 | Soil    | 9.6  | 26.3 | 0.32 | 208.8 | 0.017 | 1    | 1.82 | 0.003 | 0.06 | 0.1  | 2.7  | 0.18 | 0.04  | 22   | 0.3  | 0.04  | 6.2 |
| 1302577 | Soil    | 9.3  | 21.3 | 0.24 | 169.6 | 0.043 | 1    | 1.23 | 0.004 | 0.05 | 0.2  | 1.8  | 0.11 | <0.02 | 13   | 0.1  | 0.04  | 6.1 |
| 1302578 | Soil    | 10.6 | 21.3 | 0.22 | 207.2 | 0.020 | <1   | 1.69 | 0.003 | 0.04 | 0.1  | 2.5  | 0.17 | <0.02 | 14   | 0.2  | 0.02  | 7.3 |
| 1302579 | Soil    | 10.4 | 25.4 | 0.34 | 170.3 | 0.024 | 2    | 1.68 | 0.002 | 0.06 | 0.2  | 2.4  | 0.14 | <0.02 | 24   | 0.2  | 0.05  | 6.7 |
| 1302580 | Soil    | 7.6  | 21.0 | 0.23 | 183.1 | 0.015 | 1    | 1.63 | 0.004 | 0.06 | 0.1  | 2.3  | 0.14 | <0.02 | 27   | 0.2  | 0.05  | 7.0 |
| 1302581 | Soil    | 8.0  | 30.3 | 0.36 | 276.4 | 0.021 | 2    | 1.98 | 0.004 | 0.06 | 0.2  | 2.8  | 0.13 | <0.02 | 32   | 0.2  | 0.05  | 5.8 |
| 1302582 | Soil    | 5.7  | 28.7 | 0.37 | 166.5 | 0.010 | 1    | 2.00 | 0.002 | 0.07 | 0.2  | 2.2  | 0.13 | <0.02 | 43   | 0.3  | 0.03  | 5.6 |
| 1302583 | Soil    | 8.0  | 28.5 | 0.40 | 229.6 | 0.018 | 1    | 1.92 | 0.004 | 0.05 | 0.1  | 2.6  | 0.10 | <0.02 | 30   | 0.1  | 0.03  | 4.4 |
| 1302584 | Soil    | 9.0  | 34.6 | 0.46 | 162.6 | 0.028 | 2    | 2.18 | 0.005 | 0.04 | 0.2  | 3.0  | 0.13 | <0.02 | 35   | 0.4  | 0.05  | 4.7 |
| 1302585 | Soil    | 8.8  | 11.2 | 0.07 | 249.8 | 0.014 | <1   | 0.90 | 0.003 | 0.03 | <0.1 | 0.8  | 0.11 | <0.02 | 17   | <0.1 | <0.02 | 4.5 |
| 1302586 | Soil    | 61.7 | 3.5  | 0.36 | 64.7  | 0.006 | 5    | 0.55 | 0.008 | 0.14 | <0.1 | 5.1  | 0.14 | 0.49  | 100  | 0.8  | 0.05  | 2.3 |
| 1302587 | Soil    | 16.5 | 27.3 | 0.30 | 173.8 | 0.020 | 1    | 1.77 | 0.006 | 0.03 | 0.2  | 4.1  | 0.12 | 0.02  | 46   | 0.2  | 0.07  | 4.8 |
| 1302588 | Soil    | 19.9 | 31.4 | 0.37 | 139.9 | 0.016 | <1   | 1.80 | 0.007 | 0.03 | 0.1  | 4.9  | 0.11 | <0.02 | 40   | 0.3  | 0.04  | 5.4 |
| 1302589 | Soil    | 19.5 | 26.2 | 0.29 | 224.9 | 0.013 | <1   | 1.50 | 0.007 | 0.03 | 0.1  | 4.6  | 0.11 | 0.03  | 65   | 0.3  | 0.07  | 4.0 |
| 1302590 | Soil    | 15.3 | 32.1 | 0.41 | 199.7 | 0.020 | <1   | 1.83 | 0.007 | 0.03 | 0.2  | 4.8  | 0.10 | <0.02 | 45   | 0.3  | 0.07  | 4.8 |
| 1302591 | Soil    | 17.8 | 29.0 | 0.29 | 204.3 | 0.016 | 1    | 1.90 | 0.005 | 0.03 | 0.2  | 4.0  | 0.11 | 0.04  | 49   | 0.3  | 0.09  | 4.2 |
| 1302592 | Soil    | 23.6 | 19.7 | 0.32 | 133.9 | 0.013 | <1   | 1.05 | 0.007 | 0.04 | 0.1  | 3.7  | 0.09 | 0.04  | 69   | 0.3  | 0.10  | 3.2 |



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Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

# DAW12000117.1

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |       |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302593 | Soil | 0.97  | 16.18 | 12.17 | 48.5  | 163  | 25.7  | 10.3 | 380  | 2.73 | 10.9 | 0.8  | 2.4  | 3.8  | 32.3  | 0.10  | 0.44  | 0.17 | 63   | 0.73  | 0.026 |
| 1302594 | Soil | 0.92  | 15.88 | 11.38 | 50.1  | 113  | 27.8  | 10.7 | 486  | 2.72 | 10.9 | 0.7  | 2.2  | 3.9  | 28.2  | 0.07  | 0.44  | 0.17 | 58   | 0.57  | 0.026 |
| 1302595 | Soil | 0.87  | 13.48 | 9.29  | 38.6  | 40   | 20.0  | 8.1  | 244  | 2.51 | 9.0  | 0.5  | 2.4  | 3.5  | 12.2  | 0.04  | 0.49  | 0.13 | 56   | 0.22  | 0.031 |
| 1302596 | Soil | 1.00  | 25.35 | 15.00 | 49.0  | 348  | 29.5  | 11.7 | 1062 | 2.92 | 10.2 | 0.5  | 4.3  | 2.6  | 42.7  | 0.16  | 0.81  | 0.18 | 41   | 1.56  | 0.040 |
| 1302597 | Soil | 0.88  | 17.57 | 14.82 | 51.0  | 217  | 25.6  | 11.0 | 822  | 3.08 | 9.5  | 0.5  | 3.6  | 3.2  | 44.7  | 0.13  | 0.62  | 0.19 | 61   | 1.04  | 0.032 |
| 1302598 | Soil | 0.64  | 15.62 | 7.78  | 46.7  | 137  | 17.6  | 7.8  | 858  | 1.97 | 7.4  | 0.3  | 3.7  | 0.9  | 83.4  | 0.23  | 0.42  | 0.10 | 40   | 7.87  | 0.058 |
| 1302599 | Soil | 0.81  | 18.65 | 7.91  | 28.4  | 335  | 10.1  | 7.3  | 699  | 1.88 | 5.9  | 0.6  | 4.3  | 0.3  | 450.7 | 0.15  | 0.71  | 0.12 | 18   | 19.14 | 0.123 |
| 1302600 | Soil | 0.67  | 21.28 | 9.90  | 39.0  | 237  | 18.5  | 7.9  | 550  | 2.23 | 8.1  | 0.3  | 2.1  | 1.0  | 104.3 | 0.19  | 0.66  | 0.13 | 34   | 4.37  | 0.065 |
| 1302613 | Soil | 19.82 | 116.0 | 42.27 | 154.6 | 1379 | 24.7  | 1.4  | 19   | 0.96 | 9.9  | 3.9  | 3.2  | 2.2  | 94.3  | 4.17  | 11.42 | 0.14 | 387  | 0.19  | 0.118 |
| 1302614 | Soil | 32.61 | 228.2 | 55.31 | 301.9 | 2764 | 60.1  | 4.5  | 61   | 1.93 | 24.0 | 10.0 | 4.0  | 1.2  | 167.0 | 20.51 | 17.38 | 0.19 | 390  | 0.31  | 0.087 |
| 1302615 | Soil | 5.20  | 18.70 | 10.84 | 340.0 | 156  | 36.6  | 8.3  | 158  | 2.42 | 10.6 | 0.6  | 8.0  | 3.9  | 9.4   | 1.35  | 1.77  | 0.13 | 89   | 0.08  | 0.021 |
| 1302616 | Soil | 4.63  | 16.43 | 43.76 | 92.8  | 1276 | 17.1  | 1.4  | 23   | 2.19 | 14.8 | 0.4  | 1.0  | 1.0  | 70.9  | 0.33  | 0.66  | 0.16 | 27   | 0.02  | 0.078 |
| 1302617 | Soil | 18.59 | 72.33 | 49.55 | 641.4 | 2255 | 111.9 | 8.4  | 120  | 4.52 | 29.3 | 2.1  | 3.0  | 2.2  | 72.8  | 3.24  | 14.84 | 0.19 | 268  | 0.11  | 0.117 |
| 1302618 | Soil | 15.05 | 62.25 | 72.57 | 201.0 | 885  | 62.7  | 15.3 | 187  | 3.41 | 24.7 | 1.4  | 1.7  | 5.3  | 81.9  | 1.78  | 2.04  | 0.19 | 40   | 0.70  | 0.104 |
| 1302619 | Soil | 48.46 | 73.37 | 36.84 | 411.4 | 1171 | 114.9 | 13.4 | 277  | 2.74 | 28.1 | 4.0  | 3.0  | 4.2  | 156.6 | 4.71  | 6.43  | 0.17 | 319  | 1.01  | 0.129 |
| 1302620 | Soil | 2.09  | 29.35 | 11.74 | 76.8  | 461  | 31.7  | 11.3 | 207  | 3.28 | 10.2 | 0.7  | 4.3  | 3.6  | 8.5   | 0.24  | 0.74  | 0.16 | 70   | 0.07  | 0.029 |
| 1302621 | Soil | 2.18  | 9.47  | 18.76 | 50.4  | 74   | 11.5  | 4.6  | 132  | 2.60 | 8.6  | 0.4  | 1.1  | 1.2  | 8.7   | 0.22  | 0.52  | 0.15 | 68   | 0.09  | 0.031 |
| 1302622 | Soil | 1.90  | 14.99 | 15.36 | 57.2  | 37   | 19.5  | 8.4  | 242  | 3.37 | 11.6 | 0.5  | 3.4  | 4.0  | 13.9  | 0.14  | 0.83  | 0.18 | 62   | 0.16  | 0.031 |
| 1302623 | Soil | 6.87  | 90.26 | 50.70 | 123.3 | 549  | 37.9  | 13.8 | 167  | 3.78 | 14.9 | 1.3  | 2.0  | 2.0  | 55.7  | 0.28  | 3.03  | 0.29 | 25   | 0.14  | 0.132 |
| 1302624 | Soil | 1.20  | 21.38 | 7.34  | 45.0  | 78   | 19.5  | 10.1 | 379  | 2.79 | 6.3  | 0.6  | 0.7  | 4.0  | 7.0   | 0.08  | 0.49  | 0.23 | 37   | 0.07  | 0.029 |
| 1302625 | Soil | 2.36  | 49.15 | 8.06  | 70.8  | 59   | 21.4  | 14.4 | 869  | 3.22 | 3.5  | 0.4  | 0.4  | 2.0  | 12.3  | 0.08  | 0.29  | 0.45 | 28   | 0.16  | 0.042 |
| 1302626 | Soil | 1.46  | 18.32 | 8.53  | 53.3  | 63   | 18.1  | 10.0 | 691  | 3.14 | 7.9  | 0.5  | 0.3  | 1.0  | 9.4   | 0.14  | 0.54  | 0.21 | 50   | 0.11  | 0.052 |
| 1302627 | Soil | 1.44  | 17.08 | 9.90  | 41.6  | 124  | 15.9  | 6.3  | 181  | 2.34 | 11.0 | 0.8  | 2.7  | 2.2  | 9.1   | 0.14  | 0.46  | 0.19 | 50   | 0.10  | 0.025 |
| 1302628 | Soil | 1.27  | 14.70 | 10.30 | 65.2  | 63   | 18.6  | 9.3  | 373  | 2.78 | 8.7  | 0.5  | 1.7  | 1.0  | 13.5  | 0.11  | 0.53  | 0.17 | 52   | 0.18  | 0.034 |
| 1302629 | Soil | 19.62 | 38.76 | 13.86 | 212.5 | 828  | 65.3  | 9.1  | 95   | 2.16 | 15.4 | 2.8  | 2.6  | 2.3  | 88.7  | 3.06  | 3.45  | 0.20 | 238  | 1.02  | 0.076 |
| 1302630 | Soil | 3.50  | 37.10 | 13.16 | 203.4 | 244  | 55.6  | 16.1 | 580  | 3.28 | 10.4 | 0.9  | 2.0  | 3.9  | 8.6   | 0.34  | 1.13  | 0.26 | 84   | 0.09  | 0.030 |
| 1302631 | Soil | 28.57 | 372.4 | 20.39 | 316.7 | 2542 | 58.8  | 4.6  | 81   | 3.66 | 28.0 | 13.9 | 38.2 | 5.2  | 220.3 | 1.67  | 7.05  | 0.24 | 462  | 2.02  | 1.332 |
| 1302632 | Soil | 5.71  | 201.6 | 16.98 | 94.6  | 1387 | 41.9  | 7.7  | 314  | 2.38 | 4.5  | 4.3  | 27.4 | 4.3  | 196.3 | 0.55  | 1.58  | 0.30 | 81   | 10.95 | 0.424 |
| 1302633 | Soil | 4.52  | 31.75 | 16.23 | 118.0 | 111  | 38.3  | 9.7  | 556  | 3.58 | 14.5 | 0.8  | 2.5  | 2.5  | 17.6  | 0.71  | 1.69  | 0.20 | 72   | 0.11  | 0.070 |
| 1302634 | Soil | 5.12  | 67.79 | 19.06 | 266.7 | 1408 | 53.5  | 8.1  | 133  | 1.81 | 10.5 | 2.7  | 6.0  | 0.8  | 126.7 | 1.82  | 2.49  | 0.10 | 30   | 10.54 | 0.249 |



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 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|-------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   | ppm  |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.01 | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1302593 | Soil    | 18.1 | 34.1 | 0.44 | 221.1 | 0.022  | <1   | 1.92 | 0.009 | 0.03 | 0.2  | 4.5  | 0.11 | <0.02 | 57   | 0.3  | 0.07  | 5.4  |
| 1302594 | Soil    | 18.0 | 33.0 | 0.41 | 201.5 | 0.021  | <1   | 1.81 | 0.008 | 0.03 | 0.2  | 4.5  | 0.10 | <0.02 | 66   | 0.2  | 0.03  | 5.3  |
| 1302595 | Soil    | 11.3 | 25.6 | 0.37 | 161.7 | 0.030  | <1   | 1.62 | 0.004 | 0.03 | 0.2  | 3.0  | 0.13 | <0.02 | 21   | 0.2  | 0.04  | 5.0  |
| 1302596 | Soil    | 19.6 | 24.3 | 0.43 | 147.5 | 0.019  | <1   | 1.22 | 0.011 | 0.04 | 0.1  | 4.6  | 0.12 | 0.04  | 100  | 0.3  | 0.08  | 3.3  |
| 1302597 | Soil    | 18.7 | 32.8 | 0.42 | 229.5 | 0.019  | <1   | 1.99 | 0.010 | 0.04 | 0.1  | 5.3  | 0.12 | 0.02  | 47   | 0.3  | 0.07  | 5.6  |
| 1302598 | Soil    | 10.0 | 21.3 | 0.37 | 182.3 | 0.019  | 2    | 1.10 | 0.010 | 0.03 | 0.1  | 2.2  | 0.06 | 0.04  | 32   | 0.2  | 0.03  | 3.3  |
| 1302599 | Soil    | 6.9  | 9.8  | 0.21 | 184.0 | 0.010  | 4    | 0.50 | 0.014 | 0.05 | <0.1 | 1.1  | 0.11 | 0.08  | 64   | 0.4  | 0.04  | 1.1  |
| 1302600 | Soil    | 10.7 | 18.0 | 0.31 | 174.1 | 0.017  | 2    | 0.96 | 0.010 | 0.05 | 0.1  | 2.4  | 0.07 | 0.06  | 122  | 0.4  | 0.05  | 2.7  |
| 1302613 | Soil    | 5.2  | 34.8 | 0.06 | 486.3 | 0.002  | 4    | 0.78 | 0.001 | 0.12 | 0.1  | 2.8  | 1.19 | 0.15  | 77   | 10.3 | 0.21  | 2.3  |
| 1302614 | Soil    | 5.7  | 35.7 | 0.09 | 1314  | 0.009  | 2    | 0.93 | 0.002 | 0.12 | 0.2  | 4.2  | 1.23 | 0.21  | 451  | 14.5 | 0.20  | 3.1  |
| 1302615 | Soil    | 9.8  | 31.2 | 0.34 | 205.3 | 0.030  | <1   | 1.61 | 0.003 | 0.05 | 0.1  | 2.7  | 0.15 | <0.02 | 32   | 0.9  | 0.05  | 4.6  |
| 1302616 | Soil    | 1.4  | 19.4 | 0.02 | 287.3 | 0.001  | 2    | 0.28 | 0.005 | 0.22 | <0.1 | 1.8  | 0.29 | 0.55  | 21   | 4.4  | 0.18  | 1.9  |
| 1302617 | Soil    | 6.8  | 40.6 | 0.12 | 498.7 | 0.004  | 1    | 1.74 | 0.003 | 0.16 | 0.1  | 2.7  | 0.56 | 0.47  | 75   | 10.0 | 0.17  | 4.7  |
| 1302618 | Soil    | 23.9 | 13.9 | 0.11 | 481.4 | 0.001  | 3    | 0.48 | 0.004 | 0.15 | <0.1 | 6.3  | 0.39 | 0.09  | 596  | 1.4  | 0.04  | 1.3  |
| 1302619 | Soil    | 33.4 | 36.8 | 0.24 | 493.5 | 0.013  | 1    | 1.92 | 0.003 | 0.06 | 0.2  | 5.9  | 0.35 | <0.02 | 282  | 1.9  | 0.13  | 4.1  |
| 1302620 | Soil    | 9.0  | 33.5 | 0.35 | 148.0 | 0.026  | <1   | 2.21 | 0.005 | 0.05 | 0.1  | 3.2  | 0.15 | <0.02 | 66   | 0.3  | 0.04  | 5.9  |
| 1302621 | Soil    | 9.9  | 24.7 | 0.25 | 144.1 | 0.021  | <1   | 1.45 | 0.004 | 0.03 | 0.1  | 1.8  | 0.15 | <0.02 | 32   | 0.3  | 0.04  | 6.0  |
| 1302622 | Soil    | 10.0 | 32.0 | 0.42 | 145.2 | 0.026  | 2    | 1.83 | 0.005 | 0.05 | 0.2  | 2.5  | 0.14 | <0.02 | 34   | 0.5  | 0.05  | 5.1  |
| 1302623 | Soil    | 24.2 | 15.0 | 0.26 | 252.5 | 0.002  | 1    | 0.98 | 0.016 | 0.13 | <0.1 | 2.0  | 0.14 | 0.15  | 60   | 3.5  | 0.09  | 2.5  |
| 1302624 | Soil    | 7.2  | 21.0 | 0.27 | 155.8 | 0.011  | 1    | 1.33 | 0.004 | 0.07 | 0.1  | 2.1  | 0.10 | <0.02 | 49   | 0.3  | <0.02 | 4.1  |
| 1302625 | Soil    | 5.3  | 24.6 | 0.44 | 157.5 | 0.007  | <1   | 1.64 | 0.006 | 0.06 | <0.1 | 1.8  | 0.08 | 0.02  | 39   | 0.2  | 0.03  | 5.2  |
| 1302626 | Soil    | 8.0  | 24.3 | 0.28 | 171.8 | 0.019  | <1   | 1.47 | 0.005 | 0.06 | <0.1 | 1.6  | 0.09 | 0.04  | 58   | 0.2  | 0.03  | 5.3  |
| 1302627 | Soil    | 10.6 | 24.5 | 0.29 | 113.6 | 0.024  | <1   | 1.52 | 0.004 | 0.05 | 0.2  | 2.3  | 0.13 | <0.02 | 56   | 0.4  | 0.03  | 4.5  |
| 1302628 | Soil    | 9.3  | 24.4 | 0.35 | 190.0 | 0.019  | <1   | 1.41 | 0.005 | 0.06 | 0.2  | 1.9  | 0.11 | <0.02 | 50   | 0.1  | 0.05  | 4.7  |
| 1302629 | Soil    | 16.2 | 33.6 | 0.17 | 350.9 | 0.012  | 2    | 1.47 | 0.004 | 0.05 | 0.2  | 3.9  | 0.43 | 0.03  | 389  | 1.1  | 0.12  | 4.8  |
| 1302630 | Soil    | 10.7 | 36.5 | 0.38 | 194.9 | 0.046  | 1    | 2.42 | 0.003 | 0.05 | 0.2  | 5.3  | 0.20 | <0.02 | 48   | 0.4  | 0.06  | 6.9  |
| 1302631 | Soil    | 22.9 | 91.0 | 0.32 | 523.3 | 0.023  | 14   | 2.29 | 0.005 | 0.31 | 0.2  | 7.0  | 0.86 | 0.13  | 1537 | 7.2  | 0.37  | 7.8  |
| 1302632 | Soil    | 17.1 | 15.3 | 3.80 | 832.2 | 0.004  | 18   | 0.89 | 0.009 | 0.40 | <0.1 | 8.3  | 0.17 | 0.08  | 460  | 2.6  | 0.10  | 3.0  |
| 1302633 | Soil    | 10.2 | 28.3 | 0.36 | 147.3 | 0.037  | <1   | 1.56 | 0.004 | 0.06 | 0.2  | 3.2  | 0.17 | 0.03  | 45   | 0.9  | 0.07  | 5.1  |
| 1302634 | Soil    | 16.7 | 11.6 | 0.39 | 142.7 | <0.001 | 3    | 0.57 | 0.006 | 0.11 | <0.1 | 3.1  | 0.15 | 0.07  | 205  | 2.8  | 0.03  | 1.1  |



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**Project:** FACE  
**Report Date:** August 10, 2012

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**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# DAW12000117.1

| Method  | Analyte | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |       |
|---------|---------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|         |         | Mo   | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |
| Unit    | MDL     | ppm  | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |
| MDL     |         | 0.01 | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| 1302635 | Soil    | 2.00 | 18.74 | 23.80 | 123.0 | 132  | 25.2 | 10.8 | 233  | 3.35 | 6.9  | 0.3  | 3.3  | 3.0  | 13.0 | 0.50 | 0.62 | 0.21 | 53   | 0.23 | 0.046 |
| 1302636 | Soil    | 3.01 | 18.20 | 16.55 | 106.8 | 193  | 22.0 | 7.8  | 180  | 2.82 | 10.3 | 0.4  | 0.3  | 2.4  | 10.6 | 0.62 | 1.18 | 0.21 | 69   | 0.14 | 0.042 |
| 1302637 | Soil    | 1.21 | 27.53 | 12.84 | 66.6  | 52   | 21.4 | 13.5 | 485  | 2.71 | 9.2  | 0.6  | <0.2 | 2.4  | 12.9 | 0.10 | 0.34 | 0.46 | 23   | 0.15 | 0.024 |
| 1302638 | Soil    | 1.48 | 32.76 | 13.70 | 88.0  | 260  | 32.3 | 13.3 | 372  | 3.12 | 10.4 | 0.5  | 4.7  | 3.7  | 19.1 | 0.24 | 0.96 | 0.19 | 56   | 0.15 | 0.030 |
| 1302639 | Soil    | 1.89 | 31.68 | 17.21 | 89.3  | 343  | 31.1 | 13.2 | 309  | 3.39 | 10.8 | 0.6  | 5.3  | 3.8  | 17.4 | 0.50 | 0.87 | 0.21 | 60   | 0.12 | 0.024 |
| 1302640 | Soil    | 2.65 | 40.87 | 21.19 | 86.8  | 286  | 22.2 | 7.8  | 158  | 4.13 | 9.8  | 0.5  | 5.2  | 2.1  | 16.6 | 0.55 | 1.00 | 0.22 | 68   | 0.08 | 0.041 |
| 1302641 | Soil    | 1.95 | 18.41 | 14.67 | 87.9  | 356  | 23.6 | 11.1 | 249  | 2.86 | 8.8  | 0.6  | 3.4  | 3.3  | 16.9 | 0.58 | 0.63 | 0.14 | 56   | 0.17 | 0.057 |
| 1302642 | Soil    | 4.68 | 52.26 | 19.81 | 156.8 | 986  | 47.3 | 13.8 | 278  | 3.31 | 10.7 | 2.0  | 17.1 | 4.4  | 45.4 | 0.61 | 1.26 | 0.16 | 67   | 0.21 | 0.045 |
| 1302643 | Soil    | 1.86 | 17.82 | 10.32 | 50.6  | 34   | 14.7 | 5.7  | 194  | 2.20 | 7.6  | 0.5  | 2.3  | 1.0  | 12.7 | 0.28 | 0.54 | 0.16 | 56   | 0.11 | 0.049 |
| 1302644 | Soil    | 5.78 | 39.06 | 20.30 | 322.6 | 100  | 50.2 | 12.2 | 252  | 3.89 | 14.0 | 1.6  | 4.4  | 3.0  | 55.1 | 0.94 | 0.98 | 0.17 | 64   | 0.12 | 0.101 |
| 1302645 | Soil    | 2.03 | 20.00 | 10.11 | 56.5  | 142  | 21.2 | 6.4  | 147  | 2.57 | 10.8 | 0.5  | 20.3 | 2.9  | 17.4 | 0.25 | 0.86 | 0.19 | 63   | 0.11 | 0.048 |
| 1302646 | Soil    | 2.92 | 18.13 | 12.42 | 54.3  | 138  | 17.8 | 5.6  | 122  | 2.14 | 8.8  | 0.6  | 10.6 | 3.0  | 17.6 | 0.26 | 1.06 | 0.22 | 67   | 0.11 | 0.023 |
| 1302647 | Soil    | 1.51 | 19.80 | 9.57  | 57.7  | 132  | 26.6 | 9.9  | 287  | 2.42 | 9.9  | 0.7  | 3.5  | 3.2  | 16.6 | 0.14 | 0.76 | 0.18 | 55   | 0.20 | 0.072 |
| 1302648 | Soil    | 2.97 | 24.35 | 11.83 | 117.1 | 204  | 32.4 | 11.1 | 239  | 2.80 | 13.8 | 1.1  | 4.2  | 4.5  | 10.6 | 1.07 | 1.20 | 0.15 | 92   | 0.08 | 0.037 |
| 1302649 | Soil    | 4.34 | 39.76 | 14.36 | 173.7 | 160  | 28.7 | 10.5 | 316  | 2.58 | 18.9 | 1.0  | 3.9  | 3.9  | 43.8 | 1.15 | 1.46 | 0.18 | 48   | 0.08 | 0.051 |
| 1302650 | Soil    | 2.00 | 30.88 | 11.42 | 86.1  | 101  | 26.7 | 9.9  | 221  | 2.73 | 13.1 | 0.6  | 2.5  | 3.5  | 19.1 | 0.42 | 0.95 | 0.15 | 52   | 0.10 | 0.044 |
| 1302651 | Soil    | 1.58 | 13.03 | 11.17 | 47.6  | 28   | 23.0 | 10.3 | 236  | 3.56 | 11.5 | 0.4  | 2.9  | 3.7  | 9.7  | 0.07 | 0.71 | 0.19 | 61   | 0.09 | 0.030 |
| 1302652 | Soil    | 1.25 | 8.86  | 7.93  | 27.1  | 42   | 10.8 | 4.8  | 185  | 2.78 | 8.1  | 0.5  | 5.4  | 3.0  | 4.9  | 0.06 | 0.44 | 0.19 | 45   | 0.04 | 0.033 |
| 1302653 | Soil    | 1.45 | 14.00 | 7.96  | 31.8  | 38   | 9.9  | 5.2  | 233  | 2.94 | 8.0  | 0.4  | 1.6  | 3.6  | 7.7  | 0.03 | 0.44 | 0.21 | 48   | 0.08 | 0.028 |
| 1302654 | Soil    | 1.27 | 15.27 | 8.74  | 29.9  | 74   | 10.9 | 5.5  | 153  | 3.16 | 9.1  | 0.4  | 1.5  | 3.0  | 5.9  | 0.04 | 0.52 | 0.21 | 50   | 0.06 | 0.027 |
| 1302655 | Soil    | 1.39 | 15.28 | 10.06 | 38.9  | 37   | 15.4 | 7.3  | 285  | 2.77 | 10.2 | 0.5  | 1.9  | 1.5  | 8.5  | 0.07 | 0.49 | 0.18 | 54   | 0.08 | 0.036 |
| 1302656 | Soil    | 1.05 | 28.01 | 8.73  | 46.8  | 42   | 25.0 | 10.4 | 287  | 2.36 | 10.2 | 0.8  | 2.6  | 4.5  | 9.2  | 0.06 | 0.63 | 0.14 | 46   | 0.09 | 0.022 |
| 1302657 | Soil    | 0.78 | 12.66 | 6.33  | 19.7  | 78   | 8.3  | 3.2  | 74   | 1.33 | 4.4  | 0.5  | 3.1  | 0.3  | 9.6  | 0.13 | 0.20 | 0.17 | 29   | 0.12 | 0.050 |
| 1302658 | Soil    | 0.90 | 26.09 | 8.99  | 53.9  | 38   | 21.8 | 11.8 | 450  | 2.88 | 3.4  | 0.6  | 0.9  | 3.5  | 4.9  | 0.02 | 0.34 | 0.21 | 20   | 0.05 | 0.032 |
| 1302659 | Soil    | 0.89 | 5.77  | 7.48  | 21.4  | 9    | 7.5  | 3.4  | 93   | 2.02 | 7.5  | 0.3  | 1.3  | 2.3  | 7.2  | 0.03 | 0.47 | 0.14 | 55   | 0.07 | 0.012 |
| 1302660 | Soil    | 1.02 | 25.47 | 6.57  | 61.8  | 28   | 24.7 | 14.3 | 1186 | 3.06 | 7.3  | 0.5  | 0.8  | 3.0  | 6.6  | 0.05 | 0.35 | 0.30 | 28   | 0.07 | 0.034 |
| 1302661 | Soil    | 1.10 | 25.50 | 5.18  | 35.7  | 29   | 14.1 | 10.0 | 362  | 2.59 | 19.6 | 0.3  | 0.5  | 1.9  | 3.9  | 0.05 | 0.38 | 0.11 | 33   | 0.03 | 0.029 |
| 1302662 | Soil    | 1.06 | 10.85 | 7.72  | 37.7  | 31   | 10.7 | 9.6  | 871  | 2.58 | 12.5 | 0.3  | 1.8  | 1.7  | 8.2  | 0.14 | 0.34 | 0.19 | 47   | 0.09 | 0.026 |
| 1302663 | Soil    | 2.03 | 22.84 | 7.43  | 39.0  | 26   | 11.4 | 4.9  | 278  | 2.95 | 6.5  | 0.3  | 1.3  | 2.7  | 5.2  | 0.08 | 0.50 | 0.22 | 55   | 0.04 | 0.028 |
| 1302664 | Soil    | 1.41 | 28.95 | 14.09 | 44.4  | 58   | 27.1 | 12.7 | 271  | 3.02 | 13.9 | 0.5  | 1.2  | 3.4  | 7.9  | 0.08 | 0.59 | 0.38 | 54   | 0.07 | 0.028 |

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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302635 | Soil    | 14.8 | 33.8 | 0.39 | 226.7 | 0.006 | <1   | 1.51 | 0.002 | 0.10 | <0.1 | 3.3  | 0.18 | <0.02 | 23   | 0.2  | 0.05 | 6.2 |
| 1302636 | Soil    | 8.7  | 28.4 | 0.31 | 181.7 | 0.014 | 1    | 1.52 | 0.003 | 0.10 | <0.1 | 2.6  | 0.17 | <0.02 | 20   | 0.4  | 0.03 | 5.5 |
| 1302637 | Soil    | 3.6  | 17.1 | 0.30 | 451.3 | 0.003 | 1    | 1.37 | 0.003 | 0.18 | <0.1 | 3.0  | 0.11 | <0.02 | 15   | <0.1 | 0.04 | 4.2 |
| 1302638 | Soil    | 9.9  | 32.6 | 0.49 | 1990  | 0.036 | 2    | 1.91 | 0.006 | 0.08 | 0.1  | 3.9  | 0.15 | 0.02  | 52   | 0.4  | 0.07 | 5.5 |
| 1302639 | Soil    | 11.4 | 34.8 | 0.48 | 2145  | 0.038 | 2    | 2.09 | 0.006 | 0.06 | 0.2  | 4.1  | 0.20 | 0.03  | 77   | 0.6  | 0.07 | 5.7 |
| 1302640 | Soil    | 9.4  | 31.3 | 0.25 | 1246  | 0.020 | 1    | 1.78 | 0.005 | 0.06 | 0.1  | 3.3  | 0.16 | 0.05  | 41   | 0.9  | 0.06 | 7.1 |
| 1302641 | Soil    | 10.9 | 29.1 | 0.38 | 1540  | 0.036 | <1   | 1.92 | 0.009 | 0.06 | 0.2  | 3.0  | 0.14 | 0.04  | 40   | 0.4  | 0.07 | 4.9 |
| 1302642 | Soil    | 15.8 | 36.1 | 0.45 | 2232  | 0.026 | 1    | 2.03 | 0.013 | 0.09 | 0.1  | 7.1  | 0.24 | 0.07  | 377  | 1.1  | 0.07 | 5.2 |
| 1302643 | Soil    | 10.8 | 21.2 | 0.22 | 132.7 | 0.035 | <1   | 1.13 | 0.010 | 0.05 | 0.1  | 1.7  | 0.12 | 0.02  | 35   | 0.2  | 0.03 | 5.6 |
| 1302644 | Soil    | 11.4 | 31.1 | 0.33 | 264.9 | 0.024 | <1   | 2.01 | 0.011 | 0.08 | 0.1  | 4.0  | 0.26 | 0.06  | 57   | 0.9  | 0.07 | 6.0 |
| 1302645 | Soil    | 8.3  | 28.4 | 0.36 | 283.5 | 0.025 | 1    | 1.55 | 0.007 | 0.04 | 0.2  | 2.6  | 0.15 | 0.02  | 38   | 0.4  | 0.05 | 5.0 |
| 1302646 | Soil    | 9.3  | 25.3 | 0.31 | 406.9 | 0.025 | 1    | 1.29 | 0.007 | 0.04 | 0.2  | 2.6  | 0.16 | <0.02 | 45   | 0.6  | 0.02 | 4.5 |
| 1302647 | Soil    | 12.1 | 28.0 | 0.42 | 161.1 | 0.035 | 2    | 1.49 | 0.006 | 0.04 | 0.2  | 3.3  | 0.13 | <0.02 | 56   | 0.6  | 0.05 | 4.0 |
| 1302648 | Soil    | 9.0  | 40.3 | 0.44 | 247.1 | 0.035 | 1    | 2.11 | 0.005 | 0.04 | 0.2  | 3.6  | 0.18 | <0.02 | 78   | 1.0  | 0.04 | 5.6 |
| 1302649 | Soil    | 7.5  | 26.1 | 0.30 | 460.5 | 0.017 | 3    | 1.28 | 0.009 | 0.09 | 0.1  | 4.9  | 0.17 | 0.08  | 48   | 1.3  | 0.09 | 3.4 |
| 1302650 | Soil    | 8.7  | 31.3 | 0.42 | 220.7 | 0.022 | 2    | 1.62 | 0.007 | 0.06 | 0.1  | 3.3  | 0.18 | 0.04  | 32   | 0.7  | 0.03 | 3.9 |
| 1302651 | Soil    | 8.3  | 33.9 | 0.38 | 207.1 | 0.024 | 1    | 1.97 | 0.004 | 0.05 | 0.3  | 2.5  | 0.12 | <0.02 | 40   | 0.3  | 0.04 | 5.5 |
| 1302652 | Soil    | 6.1  | 18.1 | 0.15 | 65.1  | 0.011 | <1   | 1.05 | 0.004 | 0.06 | 0.1  | 1.5  | 0.09 | <0.02 | 23   | <0.1 | 0.07 | 4.4 |
| 1302653 | Soil    | 9.8  | 19.0 | 0.19 | 106.7 | 0.008 | <1   | 1.37 | 0.006 | 0.05 | 0.1  | 1.8  | 0.12 | <0.02 | 12   | 0.1  | 0.03 | 6.0 |
| 1302654 | Soil    | 9.1  | 19.8 | 0.21 | 78.5  | 0.016 | <1   | 1.47 | 0.007 | 0.04 | 0.2  | 1.9  | 0.10 | <0.02 | 23   | 0.2  | 0.05 | 5.9 |
| 1302655 | Soil    | 8.4  | 24.8 | 0.32 | 147.1 | 0.020 | 1    | 1.44 | 0.007 | 0.05 | 0.1  | 1.9  | 0.12 | <0.02 | 36   | 0.2  | 0.03 | 5.4 |
| 1302656 | Soil    | 13.1 | 29.3 | 0.43 | 121.2 | 0.041 | 1    | 1.55 | 0.005 | 0.05 | 0.2  | 3.5  | 0.10 | <0.02 | 44   | 0.2  | 0.04 | 3.8 |
| 1302657 | Soil    | 8.5  | 16.3 | 0.13 | 98.3  | 0.010 | 1    | 0.80 | 0.004 | 0.05 | 0.1  | 0.7  | 0.09 | 0.04  | 43   | 0.1  | 0.03 | 2.9 |
| 1302658 | Soil    | 2.9  | 18.8 | 0.28 | 67.3  | 0.010 | 1    | 0.79 | 0.003 | 0.06 | <0.1 | 1.4  | 0.05 | <0.02 | 32   | <0.1 | 0.02 | 2.4 |
| 1302659 | Soil    | 8.4  | 15.4 | 0.16 | 125.0 | 0.029 | <1   | 0.75 | 0.003 | 0.03 | 0.1  | 1.3  | 0.08 | <0.02 | 21   | <0.1 | 0.04 | 5.1 |
| 1302660 | Soil    | 5.2  | 22.0 | 0.47 | 226.2 | 0.005 | 1    | 1.77 | 0.005 | 0.07 | <0.1 | 2.4  | 0.12 | <0.02 | 47   | 0.1  | 0.06 | 5.0 |
| 1302661 | Soil    | 4.4  | 14.8 | 0.24 | 141.0 | 0.006 | <1   | 1.19 | 0.002 | 0.05 | <0.1 | 1.3  | 0.08 | <0.02 | 15   | <0.1 | 0.03 | 5.3 |
| 1302662 | Soil    | 6.0  | 17.2 | 0.19 | 266.7 | 0.007 | <1   | 1.43 | 0.006 | 0.05 | <0.1 | 1.5  | 0.10 | <0.02 | 16   | <0.1 | 0.05 | 5.9 |
| 1302663 | Soil    | 6.2  | 18.5 | 0.17 | 108.6 | 0.009 | <1   | 1.51 | 0.004 | 0.04 | <0.1 | 1.6  | 0.15 | <0.02 | 22   | 0.1  | 0.05 | 7.0 |
| 1302664 | Soil    | 7.6  | 30.5 | 0.37 | 156.2 | 0.018 | 1    | 2.27 | 0.003 | 0.07 | 0.1  | 2.9  | 0.12 | <0.02 | 42   | 0.2  | 0.02 | 5.3 |

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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

|         | Method<br>Analyte<br>Unit<br>MDL | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|----------------------------------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|------|------|------|-------|-------|
|         |                                  | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd    | Sb   | Bi   | V    | Ca    | P     |
|         |                                  | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm   | ppm   | ppm  | ppm  | ppm  | %     | %     |
| 1302665 | Soil                             | 2.18  | 21.78 | 19.66 | 45.8  | 126  | 18.1  | 12.0 | 683  | 2.78 | 20.7 | 0.6  | 7.1  | 1.7  | 12.0  | 0.17  | 0.49 | 0.28 | 49   | 0.11  | 0.050 |
| 1302666 | Soil                             | 1.99  | 13.41 | 12.92 | 23.0  | 109  | 9.3   | 4.3  | 325  | 1.70 | 8.5  | 0.4  | 0.8  | 0.7  | 8.6   | 0.07  | 0.45 | 0.19 | 49   | 0.09  | 0.034 |
| 1302667 | Soil                             | 7.98  | 106.0 | 39.19 | 85.6  | 746  | 52.1  | 17.4 | 381  | 4.23 | 18.0 | 1.7  | 6.8  | 3.3  | 34.7  | 0.39  | 1.38 | 0.20 | 43   | 1.45  | 0.163 |
| 1302668 | Soil                             | 7.17  | 120.7 | 23.79 | 101.2 | 920  | 76.6  | 26.4 | 630  | 5.69 | 11.1 | 2.2  | 5.9  | 6.2  | 66.9  | 0.50  | 0.94 | 0.26 | 39   | 1.00  | 0.301 |
| 1302669 | Soil                             | 11.33 | 168.0 | 25.64 | 152.8 | 369  | 111.3 | 31.8 | 538  | 5.21 | 17.7 | 5.1  | 5.5  | 4.5  | 140.7 | 0.33  | 2.88 | 0.37 | 54   | 0.23  | 0.249 |
| 1302670 | Soil                             | 18.78 | 251.0 | 46.55 | 304.4 | 2443 | 70.5  | 15.3 | 664  | 4.53 | 26.9 | 13.0 | 23.7 | 4.2  | 225.1 | 0.58  | 7.56 | 0.52 | 138  | 1.08  | 0.676 |
| 1302671 | Soil                             | 1.66  | 16.22 | 19.23 | 52.4  | 111  | 17.7  | 9.7  | 192  | 3.59 | 9.6  | 0.5  | 3.3  | 3.4  | 9.9   | 0.12  | 0.62 | 0.19 | 68   | 0.11  | 0.045 |
| 1302672 | Soil                             | 0.09  | 5.19  | 0.53  | 5.8   | 25   | 1.0   | 1.1  | 22   | 0.37 | <0.1 | <0.1 | <0.2 | 0.1  | 11.1  | <0.01 | 0.05 | 0.02 | 14   | 0.10  | 0.028 |
| 1302673 | Soil                             | 1.93  | 39.31 | 20.13 | 64.5  | 191  | 20.0  | 15.0 | 305  | 4.81 | 9.1  | 0.5  | 0.8  | 3.3  | 4.3   | 0.16  | 0.77 | 0.24 | 46   | 0.05  | 0.055 |
| 1302674 | Soil                             | 26.38 | 99.69 | 55.04 | 730.8 | 1944 | 127.0 | 32.2 | 800  | 4.07 | 35.7 | 2.5  | 6.0  | 2.4  | 50.9  | 4.63  | 5.37 | 0.28 | 100  | 2.79  | 0.134 |
| 1302675 | Soil                             | 2.10  | 11.80 | 10.91 | 30.0  | 48   | 8.5   | 3.4  | 114  | 2.27 | 9.2  | 0.5  | 18.7 | 2.3  | 9.3   | 0.10  | 0.58 | 0.17 | 80   | 0.08  | 0.027 |
| 1302676 | Soil                             | 1.75  | 10.76 | 12.67 | 41.2  | 178  | 8.4   | 2.7  | 56   | 1.30 | 4.8  | 0.5  | 4.0  | 2.1  | 11.2  | 0.09  | 0.41 | 0.17 | 55   | 0.14  | 0.031 |
| 1302677 | Soil                             | 4.01  | 52.82 | 22.14 | 97.4  | 533  | 29.8  | 10.1 | 270  | 2.60 | 8.4  | 1.3  | 2.4  | 1.9  | 39.9  | 0.51  | 0.87 | 0.17 | 33   | 0.73  | 0.159 |
| 1302678 | Soil                             | 3.18  | 26.17 | 28.16 | 60.0  | 169  | 19.8  | 17.3 | 1070 | 3.39 | 19.6 | 0.6  | 1.3  | 2.0  | 10.9  | 0.14  | 0.64 | 0.31 | 53   | 0.10  | 0.057 |
| 1302679 | Soil                             | 1.44  | 21.62 | 16.35 | 50.7  | 48   | 20.0  | 14.4 | 885  | 2.87 | 13.3 | 0.5  | 0.5  | 1.7  | 8.6   | 0.11  | 0.42 | 0.27 | 43   | 0.08  | 0.048 |
| 1302680 | Soil                             | 0.76  | 12.04 | 5.17  | 29.4  | 40   | 26.6  | 15.7 | 943  | 3.20 | 4.9  | 0.7  | 0.4  | 4.3  | 4.0   | <0.01 | 0.25 | 1.06 | 11   | 0.04  | 0.015 |
| 1302681 | Soil                             | 1.41  | 24.12 | 11.84 | 38.0  | 36   | 11.8  | 7.4  | 441  | 2.75 | 5.9  | 0.6  | 2.1  | 1.9  | 4.0   | 0.09  | 0.43 | 0.34 | 38   | 0.14  | 0.041 |
| 1302682 | Soil                             | 1.46  | 18.74 | 9.98  | 51.8  | 37   | 20.3  | 10.7 | 432  | 2.96 | 7.7  | 0.5  | 2.4  | 3.8  | 12.6  | 0.08  | 0.62 | 0.21 | 52   | 0.15  | 0.019 |
| 1302683 | Soil                             | 1.58  | 20.95 | 10.11 | 53.8  | 39   | 26.0  | 13.1 | 359  | 2.72 | 10.4 | 0.7  | 2.3  | 5.1  | 9.9   | 0.13  | 0.67 | 0.18 | 53   | 0.11  | 0.028 |
| 1302684 | Soil                             | 2.09  | 20.85 | 8.78  | 58.8  | 55   | 21.5  | 16.1 | 1039 | 4.72 | 9.0  | 0.5  | 1.6  | 2.9  | 7.4   | 0.09  | 0.50 | 0.38 | 51   | 0.09  | 0.048 |
| 1302685 | Soil                             | 1.34  | 25.67 | 10.17 | 56.3  | 61   | 25.8  | 11.8 | 248  | 2.70 | 13.0 | 0.8  | 5.8  | 5.4  | 9.3   | 0.06  | 0.76 | 0.17 | 56   | 0.09  | 0.016 |
| 1302686 | Soil                             | 1.79  | 12.88 | 12.00 | 45.7  | 31   | 20.8  | 10.4 | 279  | 2.95 | 9.7  | 0.6  | 1.9  | 3.4  | 6.8   | 0.09  | 0.71 | 0.19 | 64   | 0.06  | 0.032 |
| 1302687 | Soil                             | 1.03  | 24.18 | 9.42  | 56.3  | 27   | 28.8  | 12.1 | 256  | 2.42 | 10.6 | 0.6  | 3.0  | 5.1  | 10.4  | 0.09  | 0.64 | 0.15 | 47   | 0.10  | 0.024 |
| 1302688 | Soil                             | 0.55  | 33.96 | 9.90  | 77.2  | 68   | 31.5  | 20.4 | 432  | 3.67 | 17.9 | 0.4  | <0.2 | 3.8  | 6.6   | 0.10  | 0.28 | 0.47 | 19   | 0.08  | 0.033 |
| 1302689 | Soil                             | 1.26  | 29.31 | 15.89 | 63.2  | 60   | 24.6  | 17.0 | 580  | 2.86 | 22.2 | 0.9  | 2.8  | 4.3  | 9.6   | 0.09  | 0.56 | 0.38 | 34   | 0.09  | 0.030 |
| 1302690 | Soil                             | 0.51  | 20.09 | 1.74  | 36.4  | 25   | 19.7  | 10.9 | 286  | 2.53 | 9.9  | 0.4  | 0.6  | 3.2  | 2.9   | <0.01 | 0.08 | 0.13 | 10   | <0.01 | 0.010 |
| 1302691 | Soil                             | 1.28  | 21.86 | 5.71  | 57.5  | 27   | 20.4  | 12.0 | 571  | 2.83 | 4.2  | 0.4  | 0.9  | 2.3  | 8.5   | 0.06  | 0.25 | 0.18 | 30   | 0.09  | 0.040 |
| 1302692 | Soil                             | 1.21  | 13.20 | 7.52  | 48.7  | 44   | 26.7  | 12.4 | 269  | 2.87 | 6.9  | 0.5  | 2.4  | 3.4  | 8.8   | 0.07  | 0.59 | 0.15 | 40   | 0.11  | 0.027 |
| 1302693 | Soil                             | 1.41  | 16.79 | 7.30  | 30.3  | 45   | 12.6  | 9.0  | 674  | 3.17 | 5.7  | 0.5  | 2.1  | 3.5  | 4.6   | 0.06  | 0.35 | 0.23 | 45   | 0.04  | 0.028 |
| 1302694 | Soil                             | 0.71  | 24.88 | 5.66  | 46.8  | 59   | 23.0  | 13.5 | 324  | 3.32 | 2.8  | 0.6  | 0.7  | 4.3  | 4.4   | 0.03  | 0.28 | 0.54 | 17   | 0.04  | 0.027 |

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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

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| Method<br>Analyte<br>Unit<br>MDL | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |     |
|----------------------------------|------|------|------|------|-------|--------|------|-------|--------|------|------|------|-------|-------|------|------|-------|-----|
|                                  | La   | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K      | W    | Sc   | Tl   | S     | Hg    | Se   | Te   | Ga    |     |
|                                  | ppm  | ppm  | %    | ppm  | %     | ppm    | %    | %     | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |     |
|                                  | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02  | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302665                          | Soil | 8.7  | 22.5 | 0.23 | 231.9 | 0.016  | 1    | 1.30  | 0.009  | 0.06 | 0.1  | 2.1  | 0.12  | 0.02  | 35   | <0.1 | 0.03  | 5.3 |
| 1302666                          | Soil | 11.0 | 15.4 | 0.10 | 97.1  | 0.021  | <1   | 0.77  | 0.010  | 0.05 | 0.1  | 1.1  | 0.12  | 0.02  | 17   | 0.2  | 0.04  | 5.0 |
| 1302667                          | Soil | 28.6 | 17.8 | 0.55 | 871.1 | 0.004  | 4    | 0.83  | 0.004  | 0.12 | <0.1 | 7.4  | 0.17  | 0.08  | 195  | 1.5  | 0.07  | 2.1 |
| 1302668                          | Soil | 44.6 | 25.0 | 0.38 | 770.7 | 0.003  | 5    | 1.63  | 0.005  | 0.17 | <0.1 | 11.6 | 0.15  | 0.08  | 208  | 1.6  | 0.07  | 2.5 |
| 1302669                          | Soil | 8.0  | 21.6 | 0.24 | 793.5 | <0.001 | 1    | 2.09  | 0.024  | 0.18 | <0.1 | 6.3  | 0.30  | 0.30  | 211  | 2.9  | 0.29  | 3.7 |
| 1302670                          | Soil | 20.3 | 33.6 | 0.23 | 729.5 | 0.004  | 4    | 1.40  | 0.014  | 0.29 | <0.1 | 5.2  | 0.50  | 0.41  | 256  | 8.8  | 0.42  | 4.1 |
| 1302671                          | Soil | 9.7  | 27.4 | 0.30 | 108.3 | 0.023  | 1    | 1.58  | 0.003  | 0.06 | 0.2  | 2.5  | 0.13  | <0.02 | 30   | 0.3  | 0.03  | 5.4 |
| 1302672                          | Soil | 1.1  | 2.0  | 0.03 | 13.9  | 0.017  | <1   | 0.13  | 0.085  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.7 |
| 1302673                          | Soil | 9.7  | 22.0 | 0.16 | 82.3  | 0.003  | 1    | 1.47  | <0.001 | 0.13 | <0.1 | 2.8  | 0.15  | <0.02 | 44   | 0.4  | 0.06  | 4.9 |
| 1302674                          | Soil | 28.1 | 19.2 | 0.35 | 708.1 | 0.004  | 3    | 0.93  | 0.005  | 0.06 | <0.1 | 7.5  | 0.19  | 0.05  | 842  | 2.0  | 0.19  | 1.8 |
| 1302675                          | Soil | 10.5 | 22.6 | 0.22 | 83.3  | 0.034  | <1   | 1.18  | 0.004  | 0.03 | 0.2  | 1.8  | 0.16  | <0.02 | 31   | 0.3  | 0.06  | 6.5 |
| 1302676                          | Soil | 11.3 | 15.7 | 0.16 | 194.5 | 0.017  | 1    | 1.08  | 0.006  | 0.04 | 0.1  | 1.6  | 0.14  | 0.02  | 37   | 0.5  | 0.06  | 5.0 |
| 1302677                          | Soil | 21.0 | 20.4 | 0.31 | 346.2 | 0.012  | 3    | 1.00  | 0.009  | 0.08 | 0.1  | 4.7  | 0.13  | 0.05  | 114  | 1.1  | 0.04  | 2.9 |
| 1302678                          | Soil | 9.4  | 22.0 | 0.23 | 197.1 | 0.014  | 2    | 1.34  | 0.009  | 0.08 | 0.1  | 2.1  | 0.17  | 0.02  | 30   | 0.3  | 0.06  | 5.6 |
| 1302679                          | Soil | 7.8  | 26.2 | 0.38 | 185.9 | 0.017  | 1    | 1.45  | 0.005  | 0.06 | 0.1  | 2.1  | 0.10  | <0.02 | 38   | 0.2  | 0.07  | 5.1 |
| 1302680                          | Soil | 2.4  | 18.7 | 0.37 | 138.8 | <0.001 | 2    | 1.40  | 0.003  | 0.11 | <0.1 | 2.7  | 0.06  | <0.02 | 34   | 0.1  | 0.02  | 4.0 |
| 1302681                          | Soil | 7.8  | 15.5 | 0.16 | 149.4 | 0.007  | 1    | 1.02  | 0.002  | 0.08 | <0.1 | 1.5  | 0.11  | <0.02 | 17   | <0.1 | 0.05  | 4.3 |
| 1302682                          | Soil | 10.3 | 26.2 | 0.39 | 436.1 | 0.010  | 1    | 1.66  | 0.003  | 0.05 | 0.2  | 2.5  | 0.13  | <0.02 | 14   | 0.2  | 0.05  | 5.2 |
| 1302683                          | Soil | 9.9  | 31.4 | 0.48 | 152.1 | 0.024  | 1    | 1.73  | 0.003  | 0.05 | 0.2  | 2.7  | 0.13  | <0.02 | 19   | 0.4  | 0.04  | 4.8 |
| 1302684                          | Soil | 5.4  | 33.1 | 0.40 | 246.7 | 0.007  | <1   | 2.12  | <0.001 | 0.05 | <0.1 | 2.4  | 0.15  | <0.02 | 17   | 0.2  | 0.07  | 7.6 |
| 1302685                          | Soil | 10.2 | 35.1 | 0.46 | 181.3 | 0.035  | 1    | 1.79  | 0.004  | 0.05 | 0.1  | 3.2  | 0.14  | <0.02 | 48   | 0.4  | 0.03  | 4.7 |
| 1302686                          | Soil | 7.7  | 31.9 | 0.34 | 160.4 | 0.028  | 2    | 2.13  | <0.001 | 0.04 | 0.3  | 2.6  | 0.13  | <0.02 | 36   | 0.4  | 0.07  | 6.0 |
| 1302687                          | Soil | 9.3  | 31.8 | 0.47 | 150.2 | 0.044  | 2    | 1.59  | 0.005  | 0.05 | 0.2  | 3.2  | 0.11  | <0.02 | 16   | 0.3  | 0.03  | 3.7 |
| 1302688                          | Soil | 4.5  | 25.6 | 0.57 | 92.7  | 0.005  | <1   | 1.74  | <0.001 | 0.06 | <0.1 | 1.8  | <0.02 | <0.02 | 9    | <0.1 | 0.03  | 5.0 |
| 1302689                          | Soil | 7.8  | 23.8 | 0.37 | 121.9 | 0.013  | 1    | 1.28  | 0.002  | 0.07 | <0.1 | 2.0  | 0.10  | <0.02 | 28   | 0.1  | 0.06  | 3.6 |
| 1302690                          | Soil | 2.8  | 16.0 | 0.33 | 209.0 | <0.001 | 1    | 1.18  | <0.001 | 0.08 | <0.1 | 1.6  | 0.05  | <0.02 | 13   | <0.1 | 0.04  | 3.4 |
| 1302691                          | Soil | 5.4  | 21.5 | 0.42 | 205.6 | 0.008  | <1   | 1.32  | 0.001  | 0.07 | 0.5  | 1.7  | 0.08  | <0.02 | 22   | <0.1 | 0.04  | 4.6 |
| 1302692                          | Soil | 6.9  | 26.9 | 0.40 | 195.9 | 0.020  | 1    | 1.41  | 0.003  | 0.08 | 0.1  | 2.0  | 0.09  | <0.02 | 33   | 0.1  | <0.02 | 4.0 |
| 1302693                          | Soil | 6.7  | 22.4 | 0.20 | 210.7 | 0.006  | <1   | 1.57  | <0.001 | 0.07 | <0.1 | 2.2  | 0.17  | <0.02 | 17   | 0.2  | 0.02  | 5.6 |
| 1302694                          | Soil | 4.8  | 19.9 | 0.32 | 135.4 | 0.002  | 2    | 1.49  | <0.001 | 0.10 | <0.1 | 2.1  | 0.11  | <0.02 | 24   | <0.1 | 0.04  | 4.0 |



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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302695 | Soil    |      |     | 1.69    | 14.35   | 11.82   | 35.7    | 47      | 14.0    | 6.8     | 225     | 2.85    | 7.7     | 0.6    | 2.8     | 3.3     | 11.1    | 0.05    | 0.57    | 0.22    | 68     | 0.12    | 0.021  |
| 1302696 | Soil    |      |     | 1.65    | 26.61   | 12.61   | 70.3    | 172     | 33.1    | 12.6    | 492     | 3.25    | 10.3    | 0.6    | 0.7     | 4.3     | 13.1    | 0.16    | 0.72    | 0.25    | 59     | 0.16    | 0.039  |
| 1302697 | Soil    |      |     | 1.70    | 13.94   | 11.42   | 49.3    | 50      | 18.8    | 8.6     | 300     | 3.46    | 10.2    | 0.6    | 2.6     | 3.5     | 10.9    | 0.10    | 0.66    | 0.20    | 64     | 0.13    | 0.023  |
| 1302698 | Soil    |      |     | 1.86    | 15.60   | 11.72   | 50.5    | 49      | 17.9    | 8.5     | 374     | 3.13    | 10.2    | 0.5    | 1.4     | 3.0     | 8.7     | 0.07    | 0.68    | 0.19    | 70     | 0.10    | 0.022  |
| 1302699 | Soil    |      |     | 18.92   | 70.73   | 21.53   | 38.1    | 465     | 54.6    | 13.1    | 480     | 3.61    | 18.5    | 1.1    | 3.0     | 3.8     | 14.0    | 0.06    | 4.25    | 0.23    | 128    | 0.17    | 0.085  |
| 1302700 | Soil    |      |     | 5.31    | 32.94   | 11.35   | 38.4    | 135     | 28.6    | 9.9     | 333     | 2.85    | 20.1    | 0.6    | <0.2    | 3.0     | 8.9     | 0.04    | 1.49    | 0.31    | 72     | 0.10    | 0.045  |
| 1302701 | Soil    |      |     | 1.63    | 14.17   | 11.57   | 62.8    | 144     | 16.8    | 6.3     | 156     | 2.92    | 7.6     | 0.3    | 0.9     | 1.6     | 8.8     | 0.39    | 0.65    | 0.26    | 81     | 0.09    | 0.050  |
| 1302702 | Soil    |      |     | 2.10    | 30.01   | 10.97   | 60.4    | 332     | 36.3    | 13.6    | 213     | 2.85    | 12.6    | 0.7    | 9.7     | 4.4     | 27.6    | 0.21    | 1.13    | 0.16    | 64     | 0.10    | 0.038  |
| 1302703 | Soil    |      |     | 3.03    | 13.12   | 14.25   | 74.2    | 163     | 16.5    | 5.1     | 133     | 2.33    | 7.8     | 0.3    | 1.6     | 2.2     | 13.0    | 0.37    | 0.85    | 0.16    | 63     | 0.09    | 0.036  |
| 1302704 | Soil    |      |     | 10.19   | 88.24   | 70.37   | 334.7   | 2581    | 82.1    | 32.9    | 539     | 5.77    | 11.9    | 1.0    | 51.5    | 4.2     | 67.9    | 0.79    | 3.63    | 0.19    | 112    | 0.10    | 0.084  |
| 1302705 | Soil    |      |     | 2.46    | 57.78   | 20.25   | 127.6   | 280     | 30.7    | 14.6    | 590     | 4.28    | 8.1     | 0.7    | 11.0    | 3.1     | 15.7    | 0.20    | 1.08    | 0.21    | 70     | 0.14    | 0.076  |
| 1302706 | Soil    |      |     | 2.05    | 23.98   | 13.75   | 70.1    | 63      | 23.4    | 9.5     | 218     | 3.42    | 11.3    | 0.5    | 3.5     | 4.3     | 10.9    | 0.13    | 0.86    | 0.17    | 69     | 0.08    | 0.024  |
| 1302707 | Soil    |      |     | 2.02    | 25.02   | 13.20   | 47.6    | 136     | 16.1    | 6.7     | 144     | 3.41    | 9.8     | 0.5    | 2.7     | 3.3     | 10.0    | 0.17    | 0.75    | 0.19    | 72     | 0.08    | 0.029  |
| 1302708 | Soil    |      |     | 2.37    | 70.98   | 27.76   | 154.8   | 305     | 44.5    | 33.8    | 623     | 4.30    | 8.0     | 0.8    | 4.8     | 4.2     | 30.6    | 0.54    | 1.16    | 0.21    | 62     | 0.22    | 0.064  |
| 1302709 | Soil    |      |     | 1.45    | 36.83   | 18.87   | 167.5   | 265     | 35.3    | 22.9    | 758     | 3.19    | 6.1     | 0.6    | 2.3     | 2.0     | 35.7    | 1.39    | 0.75    | 0.18    | 56     | 0.38    | 0.066  |
| 1302710 | Soil    |      |     | 1.92    | 20.60   | 12.76   | 70.6    | 778     | 29.7    | 9.2     | 202     | 2.98    | 9.8     | 0.4    | 2.6     | 3.2     | 11.4    | 0.28    | 0.82    | 0.14    | 68     | 0.10    | 0.026  |
| 1302711 | Soil    |      |     | 4.13    | 17.59   | 13.02   | 55.8    | 78      | 11.7    | 4.0     | 115     | 2.28    | 8.9     | 0.5    | 0.7     | 1.4     | 13.5    | 0.46    | 0.77    | 0.16    | 79     | 0.08    | 0.036  |
| 1302712 | Soil    |      |     | 6.42    | 26.83   | 13.19   | 126.5   | 222     | 44.9    | 13.3    | 259     | 2.92    | 15.4    | 1.0    | 4.0     | 5.3     | 16.2    | 1.28    | 2.20    | 0.13    | 183    | 0.11    | 0.057  |
| 1302713 | Soil    |      |     | 3.38    | 24.80   | 15.89   | 51.0    | 286     | 15.7    | 5.3     | 118     | 2.37    | 13.6    | 0.6    | 3.5     | 3.0     | 18.7    | 0.57    | 1.71    | 0.14    | 77     | 0.09    | 0.039  |
| 1302714 | Soil    |      |     | 1.57    | 31.11   | 14.78   | 116.1   | 290     | 20.0    | 12.5    | 241     | 2.74    | 5.6     | 0.5    | 2.0     | 1.8     | 9.5     | 0.34    | 0.55    | 0.17    | 53     | 0.18    | 0.065  |
| 1302715 | Soil    |      |     | 8.00    | 64.68   | 33.28   | 353.0   | 786     | 56.8    | 12.7    | 328     | 2.61    | 13.7    | 2.2    | 6.0     | 1.6     | 51.2    | 1.44    | 2.12    | 0.12    | 81     | 3.47    | 0.210  |
| 1302716 | Soil    |      |     | 7.19    | 64.77   | 16.20   | 148.2   | 863     | 52.5    | 12.3    | 143     | 2.92    | 19.2    | 2.1    | 3.7     | 4.1     | 40.7    | 0.66    | 2.03    | 0.15    | 159    | 2.00    | 0.140  |
| 1302717 | Soil    |      |     | 4.33    | 27.77   | 16.37   | 88.6    | 197     | 22.0    | 8.4     | 147     | 2.51    | 8.1     | 0.7    | 4.9     | 2.2     | 14.2    | 0.72    | 0.84    | 0.24    | 62     | 0.23    | 0.053  |
| 1302718 | Soil    |      |     | 1.70    | 21.55   | 14.41   | 95.0    | 73      | 27.3    | 10.8    | 184     | 2.59    | 5.7     | 0.4    | 1.6     | 3.0     | 12.4    | 0.52    | 0.74    | 0.21    | 61     | 0.18    | 0.021  |
| 1302719 | Soil    |      |     | 4.11    | 22.36   | 17.25   | 96.7    | 256     | 23.7    | 8.0     | 157     | 2.39    | 8.7     | 0.5    | 2.0     | 2.5     | 13.1    | 0.53    | 1.05    | 0.18    | 51     | 0.15    | 0.034  |
| 1302720 | Soil    |      |     | 7.45    | 82.93   | 22.25   | 168.9   | 553     | 53.4    | 12.4    | 191     | 2.80    | 12.7    | 7.7    | 22.9    | 5.3     | 81.3    | 0.66    | 2.35    | 0.26    | 245    | 1.88    | 0.617  |
| 1302721 | Soil    |      |     | 3.94    | 29.69   | 16.90   | 89.4    | 232     | 36.8    | 9.5     | 151     | 2.75    | 12.6    | 0.8    | 2.5     | 5.4     | 26.8    | 0.28    | 1.29    | 0.20    | 92     | 0.79    | 0.044  |
| 1302722 | Soil    |      |     | 6.23    | 53.41   | 20.59   | 180.7   | 396     | 36.4    | 12.1    | 168     | 2.75    | 13.9    | 4.8    | 2.5     | 3.1     | 51.9    | 0.72    | 1.93    | 0.26    | 155    | 1.11    | 0.465  |
| 1302723 | Soil    |      |     | 21.05   | 92.74   | 23.44   | 138.0   | 435     | 66.5    | 23.5    | 277     | 6.20    | 53.5    | 3.6    | 5.3     | 4.1     | 44.6    | 0.79    | 1.65    | 0.24    | 73     | 0.66    | 0.328  |
| 1302724 | Soil    |      |     | 4.39    | 53.25   | 32.14   | 162.5   | 858     | 50.3    | 27.5    | 784     | 3.43    | 20.8    | 4.1    | 1.3     | 4.4     | 40.3    | 0.65    | 1.02    | 0.18    | 72     | 1.24    | 0.177  |

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 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302695 | Soil    | 10.0 | 29.4 | 0.31 | 254.7 | 0.023 | <1   | 1.92 | 0.003  | 0.04 | 0.2  | 2.7  | 0.20 | <0.02 | 28   | 0.3  | 0.03 | 7.2 |
| 1302696 | Soil    | 9.4  | 34.0 | 0.43 | 280.5 | 0.020 | 2    | 2.37 | 0.002  | 0.09 | 0.2  | 2.9  | 0.15 | 0.03  | 45   | 0.3  | 0.02 | 6.0 |
| 1302697 | Soil    | 10.5 | 30.8 | 0.42 | 297.7 | 0.027 | <1   | 1.64 | 0.003  | 0.04 | 0.2  | 2.6  | 0.13 | <0.02 | 33   | 0.2  | 0.04 | 6.0 |
| 1302698 | Soil    | 9.4  | 32.1 | 0.37 | 205.9 | 0.021 | <1   | 1.94 | 0.002  | 0.05 | 0.2  | 2.8  | 0.16 | <0.02 | 18   | 0.2  | 0.05 | 6.7 |
| 1302699 | Soil    | 14.3 | 37.1 | 0.37 | 150.1 | 0.006 | <1   | 1.92 | <0.001 | 0.08 | <0.1 | 3.1  | 0.31 | 0.03  | 21   | 4.0  | 0.07 | 5.4 |
| 1302700 | Soil    | 10.6 | 28.4 | 0.34 | 219.6 | 0.009 | 1    | 1.76 | 0.002  | 0.07 | <0.1 | 2.8  | 0.22 | <0.02 | 9    | 0.7  | 0.04 | 5.8 |
| 1302701 | Soil    | 9.7  | 29.5 | 0.28 | 199.5 | 0.025 | <1   | 1.81 | 0.003  | 0.04 | 0.2  | 2.7  | 0.16 | <0.02 | 17   | 0.2  | 0.03 | 7.8 |
| 1302702 | Soil    | 11.0 | 36.0 | 0.44 | 204.0 | 0.056 | 2    | 2.09 | 0.005  | 0.06 | 0.2  | 3.8  | 0.18 | 0.03  | 91   | 0.6  | 0.09 | 5.2 |
| 1302703 | Soil    | 9.6  | 22.4 | 0.29 | 423.8 | 0.025 | <1   | 1.14 | 0.006  | 0.06 | 0.1  | 2.1  | 0.17 | <0.02 | 12   | 0.4  | 0.03 | 5.7 |
| 1302704 | Soil    | 15.8 | 40.0 | 0.23 | 1162  | 0.004 | 4    | 2.07 | 0.025  | 0.19 | <0.1 | 4.3  | 0.58 | 0.26  | 373  | 3.1  | 0.12 | 6.0 |
| 1302705 | Soil    | 13.5 | 37.7 | 0.44 | 1728  | 0.033 | 5    | 2.26 | 0.008  | 0.14 | <0.1 | 4.2  | 0.25 | 0.05  | 57   | 0.6  | 0.10 | 8.0 |
| 1302706 | Soil    | 9.4  | 37.8 | 0.42 | 373.7 | 0.046 | 2    | 2.18 | 0.004  | 0.06 | 0.2  | 3.4  | 0.18 | 0.02  | 25   | 0.4  | 0.03 | 6.3 |
| 1302707 | Soil    | 11.5 | 29.0 | 0.26 | 725.8 | 0.039 | <1   | 1.81 | 0.003  | 0.05 | 0.2  | 2.5  | 0.15 | 0.02  | 49   | 0.3  | 0.03 | 7.1 |
| 1302708 | Soil    | 14.4 | 35.9 | 0.46 | 2781  | 0.050 | 5    | 1.99 | 0.017  | 0.14 | 0.1  | 5.3  | 0.25 | 0.10  | 89   | 0.7  | 0.06 | 6.1 |
| 1302709 | Soil    | 11.1 | 31.4 | 0.44 | 2214  | 0.030 | 3    | 2.07 | 0.013  | 0.13 | 0.1  | 3.8  | 0.21 | 0.05  | 48   | 0.3  | 0.03 | 6.5 |
| 1302710 | Soil    | 8.6  | 30.9 | 0.40 | 346.4 | 0.035 | 2    | 1.93 | 0.005  | 0.08 | 0.2  | 3.1  | 0.15 | <0.02 | 42   | 0.3  | 0.09 | 6.3 |
| 1302711 | Soil    | 10.2 | 21.6 | 0.17 | 169.5 | 0.040 | <1   | 1.12 | 0.008  | 0.04 | 0.2  | 1.9  | 0.11 | 0.04  | 27   | 1.3  | 0.05 | 6.5 |
| 1302712 | Soil    | 11.2 | 44.9 | 0.44 | 251.4 | 0.047 | 2    | 2.65 | 0.003  | 0.06 | 0.2  | 3.9  | 0.28 | 0.03  | 66   | 1.5  | 0.05 | 5.3 |
| 1302713 | Soil    | 9.6  | 27.2 | 0.26 | 491.0 | 0.017 | 1    | 1.54 | 0.006  | 0.06 | 0.1  | 3.0  | 0.26 | 0.05  | 62   | 2.0  | 0.13 | 5.5 |
| 1302714 | Soil    | 9.8  | 34.5 | 0.41 | 161.5 | 0.003 | 2    | 1.73 | <0.001 | 0.10 | <0.1 | 3.1  | 0.16 | 0.03  | 36   | 0.2  | 0.06 | 6.0 |
| 1302715 | Soil    | 24.9 | 34.8 | 0.31 | 423.3 | 0.004 | 7    | 1.29 | 0.010  | 0.20 | <0.1 | 5.8  | 0.27 | 0.06  | 154  | 1.3  | 0.06 | 3.4 |
| 1302716 | Soil    | 33.0 | 63.8 | 0.31 | 350.0 | 0.006 | 5    | 1.94 | 0.003  | 0.15 | <0.1 | 9.0  | 0.31 | 0.03  | 128  | 1.5  | 0.08 | 5.4 |
| 1302717 | Soil    | 13.8 | 25.0 | 0.28 | 176.5 | 0.021 | 2    | 1.12 | 0.004  | 0.08 | 0.1  | 2.3  | 0.17 | <0.02 | 26   | 0.4  | 0.04 | 4.4 |
| 1302718 | Soil    | 11.8 | 37.4 | 0.44 | 293.9 | 0.014 | 2    | 1.80 | 0.003  | 0.06 | 0.1  | 2.9  | 0.16 | <0.02 | 17   | 0.2  | 0.02 | 5.6 |
| 1302719 | Soil    | 10.7 | 25.3 | 0.33 | 153.3 | 0.015 | 2    | 1.23 | 0.004  | 0.09 | 0.1  | 2.1  | 0.15 | <0.02 | 19   | 0.5  | 0.05 | 4.0 |
| 1302720 | Soil    | 25.3 | 56.6 | 0.48 | 455.1 | 0.036 | 6    | 2.41 | 0.005  | 0.13 | 0.2  | 6.7  | 0.31 | 0.02  | 71   | 1.6  | 0.08 | 7.1 |
| 1302721 | Soil    | 23.7 | 41.2 | 0.37 | 340.9 | 0.016 | 2    | 1.99 | 0.005  | 0.07 | 0.1  | 7.0  | 0.16 | <0.02 | 35   | 0.6  | 0.05 | 5.3 |
| 1302722 | Soil    | 19.4 | 42.2 | 0.35 | 286.3 | 0.031 | 4    | 1.95 | 0.004  | 0.11 | 0.2  | 4.1  | 0.21 | <0.02 | 39   | 1.0  | 0.05 | 6.4 |
| 1302723 | Soil    | 37.4 | 65.3 | 0.56 | 182.1 | 0.007 | 5    | 2.13 | 0.003  | 0.18 | <0.1 | 5.3  | 0.87 | 0.04  | 136  | 2.1  | 0.06 | 5.9 |
| 1302724 | Soil    | 67.0 | 38.9 | 0.49 | 412.8 | 0.005 | 5    | 2.49 | 0.001  | 0.16 | <0.1 | 8.5  | 0.19 | 0.05  | 126  | 1.9  | 0.05 | 4.3 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000117.1

| Method  | Analyte | Unit | MDL | 1F15<br>Mo | 1F15<br>Cu | 1F15<br>Pb | 1F15<br>Zn | 1F15<br>Ag | 1F15<br>Ni | 1F15<br>Co | 1F15<br>Mn | 1F15<br>Fe | 1F15<br>As | 1F15<br>U | 1F15<br>Au | 1F15<br>Th | 1F15<br>Sr | 1F15<br>Cd | 1F15<br>Sb | 1F15<br>Bi | 1F15<br>V | 1F15<br>Ca | 1F15<br>P |
|---------|---------|------|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|-----------|
|         |         |      |     | ppm        | ppm        | ppm        | ppm        | ppb        | ppm        | ppm        | ppm        | %          | ppm        | ppm       | ppb        | ppm        | ppm        | ppm        | ppm        | ppm        | ppm       | %          | %         |
|         |         |      |     | 0.01       | 0.01       | 0.01       | 0.1        | 2          | 0.1        | 0.1        | 1          | 0.01       | 0.1        | 0.1       | 0.2        | 0.1        | 0.5        | 0.01       | 0.02       | 0.02       | 2         | 0.01       | 0.001     |
| 1302725 | Soil    |      |     | 2.29       | 22.62      | 12.69      | 88.4       | 180        | 23.1       | 10.1       | 298        | 2.83       | 9.4        | 0.5       | 0.8        | 1.3        | 15.6       | 0.48       | 0.80       | 0.24       | 71        | 0.17       | 0.056     |
| 1302726 | Soil    |      |     | 2.86       | 27.54      | 16.47      | 92.1       | 332        | 35.4       | 13.1       | 411        | 3.22       | 9.5        | 0.7       | 2.1        | 4.0        | 21.0       | 0.59       | 0.90       | 0.19       | 53        | 0.26       | 0.067     |
| 1302727 | Soil    |      |     | 2.74       | 25.51      | 26.14      | 129.5      | 142        | 38.0       | 13.6       | 282        | 3.94       | 9.6        | 0.4       | 1.7        | 2.5        | 15.3       | 0.35       | 0.84       | 0.20       | 61        | 0.15       | 0.081     |
| 1302728 | Soil    |      |     | 1.82       | 24.56      | 16.68      | 83.2       | 290        | 21.1       | 12.2       | 413        | 4.51       | 5.1        | 0.7       | 0.9        | 3.4        | 14.3       | 0.83       | 0.47       | 0.22       | 57        | 0.29       | 0.131     |
| 1302729 | Soil    |      |     | 0.05       | 5.46       | 0.28       | 8.0        | 19         | 1.2        | 1.7        | 33         | 0.48       | 0.2        | <0.1      | <0.2       | <0.1       | 14.2       | <0.01      | <0.02      | <0.02      | 17        | 0.12       | 0.030     |
| 1302730 | Soil    |      |     | 2.23       | 83.21      | 11.92      | 85.5       | 59         | 64.3       | 19.0       | 539        | 3.97       | 20.5       | 0.6       | 1.6        | 4.5        | 14.0       | 0.31       | 0.72       | 0.16       | 96        | 0.17       | 0.029     |
| 1302731 | Soil    |      |     | 2.84       | 68.43      | 11.34      | 127.6      | 87         | 67.0       | 32.9       | 1159       | 5.50       | 8.3        | 0.5       | 0.4        | 2.5        | 18.1       | 0.33       | 0.64       | 0.15       | 138       | 0.46       | 0.053     |
| 1302732 | Soil    |      |     | 1.71       | 71.61      | 39.65      | 231.2      | 151        | 47.2       | 24.7       | 1471       | 4.39       | 7.4        | 0.6       | 1.2        | 3.7        | 26.8       | 0.74       | 0.71       | 0.18       | 116       | 0.55       | 0.043     |
| 1302733 | Soil    |      |     | 1.92       | 32.86      | 16.15      | 76.5       | 96         | 27.4       | 13.7       | 465        | 4.09       | 6.3        | 0.4       | 0.6        | 1.8        | 10.3       | 0.36       | 0.51       | 0.16       | 112       | 0.16       | 0.036     |
| 1302734 | Soil    |      |     | 3.37       | 30.36      | 26.52      | 128.7      | 107        | 24.7       | 8.7        | 235        | 2.95       | 9.2        | 0.6       | 1.3        | 0.7        | 10.6       | 0.78       | 1.02       | 0.21       | 75        | 0.07       | 0.045     |
| 1302735 | Soil    |      |     | 2.04       | 26.16      | 17.38      | 130.5      | 136        | 18.6       | 8.3        | 185        | 2.47       | 7.0        | 0.4       | 0.2        | 2.2        | 11.9       | 0.83       | 0.80       | 0.22       | 61        | 0.10       | 0.042     |
| 1302736 | Soil    |      |     | 2.34       | 19.73      | 14.57      | 135.4      | 267        | 12.2       | 4.1        | 264        | 2.28       | 4.9        | 0.4       | 1.0        | 0.5        | 19.4       | 2.04       | 0.93       | 0.21       | 51        | 0.11       | 0.081     |
| 1302737 | Soil    |      |     | 3.05       | 21.16      | 17.29      | 77.1       | 54         | 28.6       | 13.8       | 288        | 3.72       | 13.2       | 0.6       | 1.3        | 4.2        | 12.6       | 0.37       | 1.06       | 0.27       | 93        | 0.09       | 0.033     |
| 1302738 | Soil    |      |     | 1.77       | 34.14      | 12.48      | 70.6       | 78         | 32.3       | 12.7       | 202        | 3.39       | 10.9       | 0.6       | 1.1        | 5.2        | 8.6        | 0.09       | 0.90       | 0.31       | 61        | 0.07       | 0.026     |
| 1302739 | Soil    |      |     | 2.36       | 15.54      | 13.17      | 60.0       | 82         | 15.3       | 8.7        | 308        | 3.52       | 19.2       | 0.4       | 0.3        | 2.7        | 8.4        | 0.23       | 0.79       | 0.46       | 54        | 0.09       | 0.046     |
| 1302740 | Soil    |      |     | 7.19       | 37.31      | 47.96      | 348.9      | 229        | 36.3       | 14.0       | 433        | 3.29       | 14.2       | 1.1       | 5.1        | 1.2        | 30.1       | 1.11       | 2.76       | 0.26       | 69        | 0.33       | 0.123     |
| 1302741 | Soil    |      |     | 2.69       | 47.34      | 39.05      | 164.6      | 34         | 43.2       | 38.2       | 1659       | 4.36       | 11.8       | 0.7       | 1.0        | 5.8        | 7.5        | 0.96       | 0.87       | 0.37       | 70        | 0.07       | 0.057     |
| 1302742 | Soil    |      |     | 1.72       | 44.62      | 9.72       | 71.3       | 42         | 30.8       | 13.3       | 1119       | 4.05       | 7.6        | 0.6       | 0.5        | 4.7        | 8.0        | 0.13       | 0.74       | 0.30       | 55        | 0.07       | 0.033     |
| 1302743 | Soil    |      |     | 2.61       | 45.53      | 37.11      | 267.6      | 154        | 50.0       | 19.9       | 297        | 3.72       | 16.4       | 1.0       | 2.1        | 5.0        | 8.0        | 0.68       | 1.84       | 0.34       | 66        | 0.07       | 0.037     |
| 1302744 | Soil    |      |     | 2.19       | 76.45      | 60.68      | 232.1      | 74         | 55.6       | 17.5       | 317        | 4.20       | 11.6       | 0.5       | 1.3        | 2.9        | 12.5       | 1.25       | 0.90       | 0.18       | 122       | 0.21       | 0.031     |
| 1302745 | Soil    |      |     | 1.47       | 14.23      | 8.32       | 80.9       | 42         | 26.4       | 14.2       | 1179       | 2.64       | 7.0        | 0.5       | 0.4        | 5.4        | 13.8       | 0.21       | 0.51       | 0.26       | 38        | 0.18       | 0.032     |
| 1302746 | Soil    |      |     | 1.56       | 37.53      | 12.87      | 83.3       | 41         | 35.6       | 12.8       | 321        | 2.96       | 6.8        | 0.4       | 0.3        | 3.6        | 13.7       | 0.23       | 0.70       | 0.17       | 67        | 0.18       | 0.017     |
| 1302747 | Soil    |      |     | 1.95       | 21.19      | 13.41      | 58.2       | 173        | 26.7       | 11.4       | 186        | 3.04       | 10.6       | 0.8       | 4.9        | 4.4        | 9.7        | 0.22       | 0.93       | 0.23       | 75        | 0.08       | 0.029     |
| 1302748 | Soil    |      |     | 2.47       | 24.03      | 12.37      | 65.0       | 159        | 37.9       | 10.7       | 210        | 2.92       | 12.5       | 0.7       | 6.2        | 3.8        | 23.2       | 0.22       | 1.01       | 0.21       | 75        | 0.17       | 0.102     |
| 1302749 | Soil    |      |     | 5.15       | 114.1      | 16.78      | 217.7      | 214        | 91.2       | 20.1       | 128        | 3.78       | 10.9       | 2.4       | 1.8        | 5.9        | 37.4       | 0.33       | 2.39       | 0.31       | 54        | 0.07       | 0.084     |
| 1302750 | Soil    |      |     | 1.80       | 26.44      | 14.02      | 58.5       | 1066       | 19.8       | 8.2        | 189        | 3.26       | 10.4       | 0.8       | 9.0        | 4.4        | 11.5       | 0.24       | 0.73       | 0.25       | 78        | 0.11       | 0.045     |
| 1302751 | Soil    |      |     | 2.52       | 17.47      | 13.55      | 43.3       | 64         | 10.6       | 3.9        | 167        | 2.94       | 14.4       | 0.6       | 2.3        | 2.3        | 31.4       | 0.15       | 1.67       | 0.28       | 100       | 0.09       | 0.058     |
| 1302752 | Soil    |      |     | 1.45       | 105.1      | 15.06      | 56.5       | 493        | 57.0       | 24.9       | 1976       | 5.89       | 6.4        | 0.7       | 10.3       | 3.1        | 63.9       | 0.38       | 1.12       | 0.33       | 43        | 0.89       | 0.062     |
| 1302753 | Soil    |      |     | 1.85       | 42.64      | 16.90      | 61.4       | 74         | 39.1       | 13.6       | 548        | 3.86       | 11.4       | 0.6       | 9.8        | 2.9        | 16.9       | 0.31       | 1.46       | 0.26       | 62        | 0.11       | 0.042     |
| 1302754 | Soil    |      |     | 4.36       | 50.40      | 15.39      | 61.7       | 416        | 36.2       | 10.0       | 282        | 3.10       | 10.8       | 1.3       | 6.1        | 3.7        | 41.6       | 0.14       | 1.39       | 0.18       | 62        | 0.36       | 0.071     |

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**Project:** FACE  
**Report Date:** August 10, 2012

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**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

# DAW12000117.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|-------|-------|------|------|-------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga   |
|         |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | %    | ppm  | ppm  | ppm   | %     | ppb  | ppm  | ppm   | ppm  |
|         |         | MDL  | MDL   | MDL  | MDL   | MDL   | MDL  | MDL  | MDL    | MDL  | MDL  | MDL  | MDL   | MDL   | MDL  | MDL  | MDL   | MDL  |
| 1302725 | Soil    | 12.8 | 30.7  | 0.32 | 233.5 | 0.021 | 1    | 1.59 | 0.003  | 0.07 | 0.1  | 2.4  | 0.16  | 0.03  | 31   | 0.3  | 0.03  | 6.0  |
| 1302726 | Soil    | 17.0 | 32.3  | 0.44 | 338.1 | 0.014 | 2    | 1.56 | 0.004  | 0.13 | <0.1 | 3.5  | 0.14  | 0.02  | 36   | 0.5  | 0.03  | 4.7  |
| 1302727 | Soil    | 16.6 | 37.6  | 0.28 | 167.0 | 0.012 | 1    | 1.41 | 0.003  | 0.07 | <0.1 | 3.0  | 0.14  | 0.03  | 47   | 0.4  | 0.02  | 5.2  |
| 1302728 | Soil    | 21.3 | 34.4  | 0.38 | 190.4 | 0.011 | 3    | 2.78 | <0.001 | 0.10 | <0.1 | 4.0  | 0.12  | 0.05  | 55   | 0.6  | 0.06  | 6.0  |
| 1302729 | Soil    | 1.4  | 1.5   | 0.03 | 13.7  | 0.032 | <1   | 0.14 | 0.090  | 0.03 | <0.1 | 0.4  | <0.02 | <0.02 | 6    | <0.1 | <0.02 | 0.8  |
| 1302730 | Soil    | 18.3 | 97.6  | 0.71 | 325.2 | 0.045 | 2    | 2.84 | 0.005  | 0.06 | 0.1  | 8.8  | 0.18  | <0.02 | 37   | 0.4  | 0.06  | 7.8  |
| 1302731 | Soil    | 11.3 | 118.1 | 1.73 | 221.7 | 0.193 | 3    | 3.27 | 0.006  | 0.05 | 0.1  | 7.5  | 0.60  | 0.02  | 28   | 0.2  | 0.04  | 12.1 |
| 1302732 | Soil    | 13.9 | 63.9  | 1.24 | 319.1 | 0.123 | 4    | 2.81 | 0.007  | 0.08 | 0.1  | 9.6  | 0.22  | <0.02 | 30   | 0.5  | 0.03  | 9.8  |
| 1302733 | Soil    | 8.3  | 71.4  | 0.63 | 144.1 | 0.121 | 2    | 1.75 | 0.011  | 0.04 | 0.1  | 4.5  | 0.17  | <0.02 | 26   | 0.3  | 0.03  | 8.8  |
| 1302734 | Soil    | 10.0 | 29.4  | 0.27 | 164.4 | 0.025 | 2    | 1.88 | 0.005  | 0.05 | 0.2  | 2.1  | 0.13  | <0.02 | 33   | 0.4  | 0.08  | 6.1  |
| 1302735 | Soil    | 12.0 | 25.4  | 0.35 | 171.5 | 0.021 | 1    | 1.55 | 0.002  | 0.05 | 0.1  | 2.7  | 0.13  | <0.02 | 12   | 0.2  | 0.05  | 6.0  |
| 1302736 | Soil    | 9.4  | 17.2  | 0.13 | 207.3 | 0.023 | 1    | 0.83 | 0.017  | 0.08 | 0.1  | 1.5  | 0.12  | 0.10  | 28   | 0.5  | 0.10  | 4.8  |
| 1302737 | Soil    | 11.2 | 42.8  | 0.41 | 228.0 | 0.037 | 2    | 2.92 | 0.002  | 0.06 | 0.2  | 3.5  | 0.17  | <0.02 | 30   | 0.4  | 0.06  | 6.9  |
| 1302738 | Soil    | 8.4  | 35.9  | 0.46 | 228.9 | 0.018 | 3    | 2.55 | 0.001  | 0.12 | 0.1  | 4.1  | 0.18  | <0.02 | 29   | 0.2  | 0.05  | 6.2  |
| 1302739 | Soil    | 7.7  | 25.4  | 0.21 | 141.2 | 0.010 | 1    | 1.88 | 0.002  | 0.09 | 0.1  | 2.4  | 0.14  | <0.02 | 43   | 0.3  | 0.06  | 6.4  |
| 1302740 | Soil    | 10.1 | 26.1  | 0.21 | 217.4 | 0.006 | 3    | 1.39 | 0.006  | 0.13 | <0.1 | 3.1  | 0.31  | 0.06  | 39   | 1.1  | 0.07  | 4.3  |
| 1302741 | Soil    | 9.1  | 40.4  | 0.33 | 167.1 | 0.028 | 3    | 3.23 | 0.002  | 0.10 | 0.1  | 5.2  | 0.25  | 0.02  | 64   | 0.6  | 0.04  | 7.7  |
| 1302742 | Soil    | 9.1  | 38.8  | 0.42 | 198.6 | 0.014 | 4    | 2.68 | 0.002  | 0.10 | <0.1 | 4.5  | 0.22  | <0.02 | 38   | 0.2  | 0.06  | 6.6  |
| 1302743 | Soil    | 13.1 | 39.0  | 0.45 | 175.6 | 0.012 | 3    | 2.35 | <0.001 | 0.15 | <0.1 | 4.4  | 0.27  | <0.02 | 43   | 0.6  | 0.08  | 6.2  |
| 1302744 | Soil    | 10.7 | 79.7  | 0.78 | 277.1 | 0.103 | 3    | 2.96 | 0.002  | 0.05 | 0.2  | 4.7  | 0.35  | <0.02 | 45   | 0.3  | 0.04  | 8.8  |
| 1302745 | Soil    | 22.0 | 28.6  | 0.45 | 211.8 | 0.006 | 3    | 1.85 | 0.002  | 0.18 | <0.1 | 3.1  | 0.15  | <0.02 | 25   | 0.2  | 0.05  | 5.5  |
| 1302746 | Soil    | 13.7 | 54.5  | 0.72 | 229.7 | 0.042 | 2    | 2.02 | 0.004  | 0.06 | 0.1  | 4.0  | 0.13  | <0.02 | 17   | 0.2  | 0.03  | 6.1  |
| 1302747 | Soil    | 12.5 | 38.0  | 0.38 | 188.6 | 0.050 | 1    | 2.29 | 0.002  | 0.05 | 0.2  | 3.6  | 0.15  | <0.02 | 26   | 0.1  | 0.05  | 6.4  |
| 1302748 | Soil    | 11.9 | 32.7  | 0.42 | 242.6 | 0.038 | 1    | 2.09 | 0.005  | 0.06 | 0.2  | 3.3  | 0.15  | 0.02  | 38   | 0.7  | 0.07  | 5.5  |
| 1302749 | Soil    | 13.7 | 30.5  | 0.42 | 390.8 | 0.005 | 1    | 2.61 | 0.006  | 0.11 | <0.1 | 5.1  | 0.16  | 0.06  | 130  | 1.9  | 0.08  | 5.9  |
| 1302750 | Soil    | 12.5 | 40.8  | 0.40 | 169.7 | 0.043 | <1   | 2.47 | 0.002  | 0.03 | 0.2  | 3.4  | 0.20  | <0.02 | 77   | 0.5  | 0.03  | 6.2  |
| 1302751 | Soil    | 14.0 | 25.6  | 0.25 | 256.0 | 0.054 | <1   | 1.15 | 0.006  | 0.05 | 0.2  | 2.1  | 0.12  | 0.05  | 20   | 1.9  | 0.09  | 7.4  |
| 1302752 | Soil    | 18.7 | 24.3  | 0.45 | 985.3 | 0.013 | 2    | 1.57 | 0.004  | 0.09 | <0.1 | 9.4  | 0.12  | 0.06  | 103  | 0.3  | 0.05  | 4.7  |
| 1302753 | Soil    | 12.9 | 30.2  | 0.39 | 332.2 | 0.022 | 1    | 2.30 | 0.003  | 0.06 | 0.2  | 3.4  | 0.14  | 0.03  | 72   | 0.6  | 0.11  | 5.7  |
| 1302754 | Soil    | 19.9 | 30.4  | 0.57 | 1278  | 0.013 | 2    | 1.63 | 0.007  | 0.08 | <0.1 | 5.5  | 0.14  | 0.04  | 123  | 0.7  | 0.05  | 4.2  |



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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

# DAW12000117.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302755 | Soil    |      |     | 1.56    | 26.80   | 11.86   | 50.4    | 105     | 13.8    | 12.6    | 1158    | 2.45    | 18.5    | 0.8    | 1.8     | 1.9     | 9.6     | 0.14    | 0.40    | 0.42    | 38     | 0.09    | 0.058  |
| 1302756 | Soil    |      |     | 1.63    | 18.22   | 9.54    | 46.6    | 106     | 19.8    | 10.8    | 476     | 2.97    | 22.8    | 0.5    | 1.4     | 2.3     | 8.9     | 0.11    | 0.59    | 0.36    | 47     | 0.09    | 0.035  |
| 1302757 | Soil    |      |     | 1.38    | 16.60   | 8.07    | 43.8    | 114     | 19.4    | 8.6     | 321     | 3.07    | 8.1     | 0.4    | 1.0     | 2.8     | 7.5     | 0.05    | 0.66    | 0.23    | 53     | 0.07    | 0.018  |
| 1302758 | Soil    |      |     | 1.21    | 33.68   | 27.76   | 51.0    | 128     | 25.5    | 12.8    | 1269    | 3.10    | 12.0    | 0.5    | 0.8     | 3.6     | 10.1    | 0.15    | 0.52    | 0.31    | 41     | 0.14    | 0.041  |
| 1302759 | Soil    |      |     | 1.25    | 23.13   | 10.73   | 55.7    | 40      | 20.2    | 11.7    | 423     | 2.93    | 7.4     | 0.6    | 0.8     | 3.3     | 6.5     | 0.12    | 0.49    | 0.23    | 37     | 0.05    | 0.038  |
| 1302760 | Soil    |      |     | 1.08    | 13.15   | 6.25    | 54.9    | 51      | 21.6    | 11.2    | 320     | 3.30    | 7.7     | 0.5    | 1.1     | 3.0     | 5.2     | 0.07    | 0.34    | 0.38    | 26     | 0.04    | 0.027  |
| 1302761 | Soil    |      |     | 1.57    | 9.64    | 8.15    | 34.0    | 34      | 11.3    | 5.3     | 300     | 3.59    | 10.0    | 0.4    | 1.7     | 2.5     | 8.6     | 0.05    | 0.65    | 0.25    | 58     | 0.08    | 0.034  |
| 1302762 | Soil    |      |     | 0.80    | 23.68   | 4.75    | 43.0    | 65      | 21.7    | 10.5    | 337     | 2.96    | 11.3    | 0.6    | <0.2    | 4.0     | 4.2     | 0.05    | 0.32    | 0.30    | 23     | 0.04    | 0.032  |
| 1302763 | Soil    |      |     | 1.11    | 27.08   | 10.35   | 41.8    | 124     | 20.5    | 11.5    | 213     | 2.85    | 22.3    | 0.6    | 0.9     | 2.3     | 7.7     | 0.09    | 0.45    | 0.43    | 33     | 0.08    | 0.050  |
| 1302764 | Soil    |      |     | 0.69    | 27.06   | 5.34    | 25.7    | 51      | 16.7    | 11.1    | 229     | 2.42    | 15.3    | 0.5    | 5.5     | 3.4     | 3.7     | 0.08    | 0.37    | 0.52    | 25     | 0.03    | 0.022  |
| 1302765 | Soil    |      |     | 1.83    | 17.49   | 10.56   | 52.4    | 113     | 21.2    | 9.4     | 372     | 3.56    | 16.5    | 0.6    | 1.1     | 1.6     | 12.5    | 0.13    | 0.82    | 0.27    | 60     | 0.14    | 0.056  |
| 1302766 | Soil    |      |     | 0.06    | 4.98    | 0.57    | 4.5     | 17      | 0.9     | 0.9     | 19      | 0.30    | 0.3     | <0.1   | <0.2    | <0.1    | 11.7    | <0.01   | 0.03    | <0.02   | 11     | 0.10    | 0.025  |
| 1302767 | Soil    |      |     | 4.65    | 28.33   | 14.05   | 106.1   | 679     | 20.8    | 5.4     | 175     | 2.28    | 15.1    | 0.5    | 3.8     | 2.2     | 31.3    | 0.73    | 5.04    | 0.13    | 61     | 0.10    | 0.049  |
| 1302768 | Soil    |      |     | 3.89    | 33.19   | 16.72   | 106.7   | 227     | 21.9    | 5.4     | 309     | 2.32    | 31.0    | 0.6    | 8.5     | 2.1     | 64.3    | 1.11    | 2.61    | 0.18    | 53     | 0.19    | 0.089  |
| 1302769 | Soil    |      |     | 5.89    | 28.32   | 17.77   | 41.5    | 295     | 20.0    | 7.3     | 183     | 2.67    | 16.7    | 1.3    | 10.8    | 3.7     | 47.0    | 0.34    | 4.58    | 0.16    | 97     | 0.09    | 0.040  |
| 1302770 | Soil    |      |     | 4.48    | 13.52   | 9.58    | 49.3    | 89      | 22.5    | 10.5    | 277     | 3.19    | 15.5    | 0.7    | 4.6     | 3.8     | 16.4    | 0.28    | 2.03    | 0.16    | 82     | 0.16    | 0.067  |
| 1302771 | Soil    |      |     | 17.78   | 104.7   | 18.89   | 132.9   | 899     | 60.1    | 6.2     | 153     | 2.02    | 25.8    | 6.2    | 6.2     | 1.8     | 56.6    | 1.53    | 10.65   | 0.13    | 456    | 0.35    | 0.162  |
| 1302772 | Soil    |      |     | 1.79    | 33.17   | 16.54   | 63.5    | 459     | 26.1    | 7.7     | 238     | 2.40    | 9.8     | 1.1    | 4.5     | 2.2     | 41.0    | 0.38    | 1.05    | 0.16    | 53     | 0.28    | 0.101  |
| 1302773 | Soil    |      |     | 2.14    | 57.16   | 16.20   | 114.6   | 472     | 34.0    | 11.0    | 341     | 4.36    | 10.8    | 1.8    | 4.8     | 4.1     | 28.4    | 0.39    | 1.42    | 0.17    | 61     | 0.06    | 0.057  |
| 1302774 | Soil    |      |     | 40.09   | 192.7   | 155.5   | 296.0   | 2524    | 150.8   | 7.0     | 362     | 3.08    | 48.3    | 18.1   | 8.7     | 2.8     | 130.0   | 2.30    | 15.50   | 0.21    | 932    | 0.89    | 0.502  |
| 1302775 | Soil    |      |     | 2.08    | 18.42   | 12.60   | 48.0    | 66      | 19.5    | 7.8     | 197     | 4.11    | 12.8    | 0.5    | 5.3     | 2.8     | 11.1    | 0.21    | 0.99    | 0.19    | 73     | 0.09    | 0.048  |
| 1302776 | Soil    |      |     | 2.56    | 33.67   | 19.75   | 61.3    | 227     | 33.4    | 14.9    | 279     | 4.01    | 12.8    | 0.6    | 1.3     | 3.3     | 26.8    | 0.11    | 1.28    | 0.20    | 107    | 0.19    | 0.055  |
| 1302777 | Soil    |      |     | 0.72    | 18.47   | 4.94    | 23.7    | 44      | 15.5    | 8.0     | 256     | 2.63    | 6.5     | 0.4    | 0.2     | 6.3     | 4.5     | 0.05    | 0.32    | 0.28    | 26     | 0.04    | 0.022  |
| 1302778 | Soil    |      |     | 0.61    | 26.65   | 6.80    | 70.6    | 36      | 27.2    | 14.4    | 419     | 3.72    | 5.4     | 0.3    | 0.6     | 3.2     | 3.8     | 0.06    | 0.21    | 0.10    | 23     | 0.02    | 0.013  |
| 1302779 | Soil    |      |     | 0.51    | 6.13    | 3.39    | 70.3    | 34      | 24.9    | 12.4    | 348     | 3.15    | 1.9     | 0.4    | 0.2     | 2.6     | 5.1     | 0.04    | 0.32    | 0.16    | 20     | 0.03    | 0.026  |
| 1302780 | Soil    |      |     | 1.20    | 14.77   | 8.48    | 40.8    | 69      | 16.6    | 6.9     | 276     | 2.73    | 9.5     | 0.5    | 1.9     | 1.9     | 10.3    | 0.11    | 0.55    | 0.19    | 48     | 0.10    | 0.042  |
| 1302781 | Soil    |      |     | 1.20    | 15.74   | 7.73    | 31.3    | 37      | 13.5    | 4.6     | 158     | 2.22    | 7.6     | 0.5    | 1.6     | 0.4     | 7.9     | 0.07    | 0.55    | 0.18    | 53     | 0.06    | 0.034  |
| 1302782 | Soil    |      |     | 1.21    | 31.58   | 8.04    | 50.9    | 103     | 19.5    | 14.1    | 562     | 2.60    | 9.1     | 0.7    | 0.6     | 2.1     | 7.3     | 0.09    | 0.39    | 0.32    | 25     | 0.07    | 0.050  |
| 1302783 | Soil    |      |     | 0.34    | 13.18   | 4.42    | 55.4    | 53      | 22.7    | 10.8    | 251     | 2.88    | 3.3     | 0.5    | 0.2     | 3.9     | 6.3     | 0.02    | 0.21    | 0.21    | 15     | 0.05    | 0.016  |
| 1302784 | Soil    |      |     | 1.28    | 13.88   | 7.92    | 39.6    | 32      | 16.0    | 7.6     | 285     | 2.66    | 8.8     | 0.5    | 1.6     | 2.7     | 8.3     | 0.12    | 0.61    | 0.20    | 49     | 0.08    | 0.034  |



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Project: FACE  
 Report Date: August 10, 2012

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| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|-------|-------|------|------|-------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   | ppm  |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1302755 | Soil    | 6.4  | 20.6  | 0.23 | 268.9 | 0.010 | 2    | 1.41 | 0.008  | 0.07 | 0.1  | 2.1  | 0.10  | <0.02 | 41   | 0.2  | 0.03  | 4.9  |
| 1302756 | Soil    | 6.9  | 25.0  | 0.34 | 166.1 | 0.014 | 1    | 1.59 | 0.003  | 0.07 | 0.2  | 2.2  | 0.11  | <0.02 | 41   | 0.2  | 0.03  | 5.1  |
| 1302757 | Soil    | 7.4  | 27.3  | 0.37 | 192.6 | 0.013 | 1    | 1.83 | 0.002  | 0.06 | 0.2  | 2.6  | 0.12  | <0.02 | 36   | 0.2  | 0.05  | 5.6  |
| 1302758 | Soil    | 12.3 | 28.0  | 0.39 | 184.8 | 0.011 | 1    | 1.74 | 0.004  | 0.07 | 0.1  | 3.9  | 0.10  | <0.02 | 47   | 0.2  | 0.05  | 4.7  |
| 1302759 | Soil    | 5.9  | 21.8  | 0.35 | 102.5 | 0.019 | 2    | 1.29 | 0.003  | 0.07 | 0.1  | 1.7  | 0.07  | <0.02 | 35   | 0.1  | 0.04  | 4.1  |
| 1302760 | Soil    | 4.6  | 21.5  | 0.45 | 98.4  | 0.007 | 1    | 1.42 | 0.002  | 0.07 | <0.1 | 1.6  | 0.09  | <0.02 | 23   | <0.1 | 0.07  | 4.5  |
| 1302761 | Soil    | 8.4  | 23.1  | 0.25 | 172.1 | 0.021 | <1   | 1.26 | 0.003  | 0.06 | 0.2  | 1.7  | 0.09  | <0.02 | 30   | 0.2  | 0.04  | 5.7  |
| 1302762 | Soil    | 6.6  | 19.1  | 0.33 | 69.8  | 0.006 | 2    | 1.16 | 0.002  | 0.10 | <0.1 | 1.4  | 0.06  | <0.02 | 49   | <0.1 | 0.03  | 3.2  |
| 1302763 | Soil    | 16.5 | 22.0  | 0.36 | 112.3 | 0.009 | 3    | 1.45 | 0.003  | 0.10 | 0.1  | 1.4  | 0.09  | 0.03  | 48   | 0.1  | 0.05  | 4.0  |
| 1302764 | Soil    | 6.8  | 14.7  | 0.19 | 64.4  | 0.008 | <1   | 1.06 | 0.001  | 0.08 | <0.1 | 1.8  | 0.07  | <0.02 | 17   | 0.1  | 0.03  | 3.2  |
| 1302765 | Soil    | 7.9  | 28.3  | 0.35 | 111.9 | 0.034 | 1    | 1.60 | 0.003  | 0.07 | 0.2  | 2.3  | 0.12  | 0.03  | 66   | 0.4  | 0.04  | 5.9  |
| 1302766 | Soil    | 1.0  | 1.3   | 0.02 | 13.4  | 0.016 | <1   | 0.13 | 0.087  | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.5  |
| 1302767 | Soil    | 6.1  | 19.5  | 0.27 | 412.1 | 0.010 | 2    | 1.05 | 0.003  | 0.08 | <0.1 | 2.4  | 0.32  | 0.11  | 24   | 3.7  | 0.08  | 2.8  |
| 1302768 | Soil    | 7.5  | 19.4  | 0.21 | 964.7 | 0.011 | 3    | 0.99 | 0.002  | 0.08 | <0.1 | 2.8  | 0.20  | 0.05  | 53   | 2.1  | 0.17  | 2.5  |
| 1302769 | Soil    | 10.8 | 39.0  | 0.39 | 594.7 | 0.039 | 1    | 1.81 | 0.005  | 0.04 | 0.2  | 3.8  | 0.17  | 0.03  | 149  | 2.4  | 0.07  | 4.5  |
| 1302770 | Soil    | 10.7 | 37.0  | 0.42 | 342.8 | 0.039 | 3    | 2.19 | 0.005  | 0.04 | 0.2  | 3.7  | 0.14  | <0.02 | 65   | 1.4  | 0.06  | 4.6  |
| 1302771 | Soil    | 16.6 | 73.2  | 0.36 | 489.4 | 0.029 | 3    | 1.27 | 0.003  | 0.07 | 0.2  | 3.5  | 0.37  | 0.05  | 387  | 6.7  | 0.13  | 3.8  |
| 1302772 | Soil    | 14.1 | 29.3  | 0.44 | 902.7 | 0.029 | 2    | 1.39 | 0.007  | 0.06 | 0.2  | 3.5  | 0.13  | 0.03  | 204  | 1.7  | 0.06  | 4.0  |
| 1302773 | Soil    | 12.0 | 36.6  | 0.43 | 413.8 | 0.034 | 1    | 2.14 | 0.011  | 0.08 | 0.2  | 5.0  | 0.17  | 0.11  | 70   | 0.5  | 0.04  | 5.4  |
| 1302774 | Soil    | 21.6 | 117.9 | 0.16 | 716.5 | 0.008 | 5    | 1.54 | <0.001 | 0.20 | 0.2  | 5.6  | 1.06  | 0.24  | 321  | 24.3 | 0.33  | 4.0  |
| 1302775 | Soil    | 10.0 | 36.3  | 0.36 | 167.9 | 0.043 | <1   | 2.14 | 0.004  | 0.05 | 0.2  | 3.0  | 0.10  | <0.02 | 32   | 0.4  | 0.04  | 5.9  |
| 1302776 | Soil    | 17.9 | 60.6  | 0.67 | 241.2 | 0.026 | 1    | 2.23 | 0.005  | 0.06 | 0.1  | 4.1  | 0.20  | 0.05  | 38   | 0.9  | 0.05  | 7.2  |
| 1302777 | Soil    | 32.3 | 18.6  | 0.26 | 71.4  | 0.003 | 2    | 1.58 | <0.001 | 0.12 | <0.1 | 2.0  | 0.12  | <0.02 | 26   | <0.1 | 0.05  | 4.2  |
| 1302778 | Soil    | 4.3  | 27.3  | 0.64 | 228.3 | 0.002 | <1   | 2.21 | <0.001 | 0.08 | <0.1 | 2.1  | 0.08  | <0.02 | 11   | <0.1 | 0.03  | 5.5  |
| 1302779 | Soil    | 4.0  | 20.5  | 0.50 | 102.4 | 0.006 | 1    | 1.44 | 0.002  | 0.08 | <0.1 | 1.4  | 0.07  | <0.02 | 39   | <0.1 | 0.04  | 3.8  |
| 1302780 | Soil    | 8.9  | 22.5  | 0.32 | 96.8  | 0.020 | 2    | 1.40 | 0.004  | 0.06 | 0.2  | 1.9  | 0.09  | 0.02  | 46   | 0.2  | 0.03  | 4.3  |
| 1302781 | Soil    | 9.4  | 21.1  | 0.22 | 109.2 | 0.018 | 1    | 1.17 | 0.003  | 0.05 | 0.1  | 1.4  | 0.10  | 0.02  | 44   | 0.2  | 0.02  | 4.7  |
| 1302782 | Soil    | 7.7  | 16.3  | 0.29 | 106.0 | 0.009 | 1    | 1.12 | 0.005  | 0.09 | 0.1  | 1.4  | 0.09  | 0.03  | 46   | <0.1 | 0.03  | 3.2  |
| 1302783 | Soil    | 5.9  | 18.5  | 0.40 | 70.2  | 0.005 | 1    | 0.91 | 0.001  | 0.09 | <0.1 | 1.2  | 0.03  | <0.02 | 7    | <0.1 | 0.02  | 2.3  |
| 1302784 | Soil    | 8.7  | 24.0  | 0.26 | 122.1 | 0.019 | 2    | 1.58 | 0.003  | 0.05 | 0.2  | 2.4  | 0.10  | <0.02 | 37   | 0.2  | 0.03  | 4.7  |

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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| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |       |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|-------|------|------|------|------|-------|------|------|------|------|------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe    | As   | U    | Au   | Th   | Sr    | Cd   | Sb   | Bi   | V    | Ca   | P     |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | %    | ppm   | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  | %    | %    |       |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2  | 0.1  | 0.5   | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| 1302785 | Soil    | 1.38  | 23.83 | 10.33 | 59.0  | 52   | 26.4  | 14.6 | 305  | 2.66  | 10.6 | 0.6  | 1.7  | 4.0  | 12.4  | 0.16 | 0.68 | 0.24 | 42   | 0.10 | 0.035 |
| 1302786 | Soil    | 11.02 | 64.78 | 24.00 | 160.3 | 900  | 51.5  | 14.8 | 412  | 3.05  | 15.9 | 1.4  | 1.8  | 3.1  | 20.3  | 1.05 | 4.66 | 0.20 | 63   | 0.21 | 0.113 |
| 1302787 | Soil    | 2.37  | 89.86 | 28.96 | 154.8 | 243  | 27.1  | 9.7  | 733  | 10.86 | 28.0 | 1.0  | 4.3  | 2.8  | 10.2  | 0.23 | 1.87 | 0.46 | 21   | 0.05 | 0.082 |
| 1302788 | Soil    | 3.72  | 95.77 | 34.72 | 198.6 | 279  | 272.9 | 70.0 | 2762 | 10.62 | 45.9 | 0.9  | 0.4  | 9.0  | 68.3  | 0.24 | 0.34 | 0.87 | 162  | 0.59 | 0.113 |
| 1302789 | Soil    | 0.38  | 6.46  | 5.58  | 4.5   | 137  | 13.1  | 12.5 | 328  | 1.83  | 4.8  | 0.3  | <0.2 | 2.8  | 2.5   | 0.02 | 0.34 | 0.20 | 8    | 0.02 | 0.025 |
| 1302790 | Soil    | 1.08  | 19.43 | 10.21 | 51.8  | 264  | 24.9  | 10.8 | 727  | 2.79  | 10.8 | 0.8  | 2.1  | 1.8  | 44.6  | 0.16 | 1.12 | 0.14 | 43   | 1.05 | 0.053 |
| 1302791 | Soil    | 0.65  | 19.15 | 9.49  | 32.0  | 365  | 21.3  | 10.0 | 723  | 2.38  | 7.8  | 0.4  | 1.5  | 1.0  | 229.4 | 0.15 | 1.49 | 0.13 | 23   | 8.42 | 0.049 |
| 1302792 | Soil    | 1.28  | 15.75 | 10.74 | 55.7  | 100  | 22.4  | 10.0 | 588  | 2.72  | 11.5 | 0.7  | 1.9  | 3.2  | 22.5  | 0.07 | 0.70 | 0.14 | 51   | 0.49 | 0.039 |
| 1302793 | Soil    | 2.29  | 26.92 | 25.58 | 181.4 | 147  | 33.7  | 13.7 | 311  | 3.72  | 9.0  | 0.5  | 1.8  | 4.2  | 11.9  | 0.46 | 0.81 | 0.16 | 47   | 0.11 | 0.052 |
| 1302794 | Soil    | 1.43  | 16.45 | 13.25 | 135.8 | 239  | 15.5  | 11.6 | 588  | 3.18  | 4.9  | 0.4  | <0.2 | 1.8  | 9.5   | 0.89 | 0.53 | 0.22 | 62   | 0.12 | 0.056 |
| 1302795 | Soil    | 3.04  | 68.26 | 50.17 | 128.3 | 405  | 20.2  | 8.0  | 84   | 4.10  | 10.6 | 0.9  | 2.2  | 2.9  | 31.9  | 0.30 | 1.09 | 0.26 | 38   | 0.07 | 0.114 |
| 1302796 | Soil    | 1.43  | 31.71 | 23.58 | 81.2  | 122  | 17.2  | 10.5 | 248  | 3.15  | 5.2  | 0.4  | 1.2  | 1.3  | 14.6  | 0.17 | 0.55 | 0.28 | 58   | 0.23 | 0.055 |
| 1302797 | Soil    | 2.11  | 46.99 | 26.38 | 117.6 | 269  | 25.9  | 11.2 | 156  | 3.85  | 9.8  | 0.5  | 1.3  | 2.9  | 9.5   | 0.34 | 0.89 | 0.33 | 49   | 0.14 | 0.044 |
| 1302798 | Soil    | 6.60  | 61.46 | 76.50 | 426.1 | 392  | 121.4 | 37.7 | 828  | 6.84  | 24.8 | 1.1  | 1.2  | 6.3  | 60.0  | 1.84 | 1.47 | 0.25 | 53   | 0.15 | 0.149 |
| 1302799 | Soil    | 1.92  | 22.95 | 18.09 | 62.7  | 96   | 17.9  | 8.3  | 188  | 3.23  | 10.5 | 0.5  | 0.5  | 2.3  | 17.0  | 0.19 | 0.80 | 0.22 | 66   | 0.14 | 0.049 |
| 1302800 | Soil    | 1.71  | 19.95 | 10.57 | 60.5  | 40   | 22.7  | 9.3  | 414  | 2.80  | 9.0  | 0.5  | 3.2  | 4.5  | 8.5   | 0.13 | 0.79 | 0.17 | 57   | 0.08 | 0.017 |
| 1302801 | Soil    | 0.70  | 32.09 | 9.64  | 81.6  | 47   | 26.8  | 13.9 | 838  | 4.00  | 3.4  | 0.4  | 0.8  | 4.8  | 5.4   | 0.14 | 0.42 | 0.28 | 27   | 0.07 | 0.035 |
| 1302802 | Soil    | 0.78  | 11.15 | 4.65  | 62.5  | 78   | 21.8  | 10.4 | 562  | 3.13  | 4.4  | 0.3  | <0.2 | 4.0  | 8.1   | 0.19 | 0.35 | 0.31 | 28   | 0.08 | 0.039 |
| 1302803 | Soil    | 0.82  | 22.52 | 10.01 | 58.8  | 51   | 17.2  | 11.8 | 720  | 2.51  | 5.5  | 0.2  | <0.2 | 2.6  | 5.0   | 0.14 | 0.39 | 0.31 | 22   | 0.07 | 0.031 |
| 1302804 | Soil    | 1.20  | 12.24 | 9.92  | 54.7  | 67   | 11.6  | 7.9  | 327  | 3.43  | 4.1  | 0.4  | <0.2 | 2.2  | 4.9   | 0.10 | 0.33 | 0.24 | 33   | 0.05 | 0.038 |





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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000117.1

|         | Method | 1F15    |       |      |       |        |      |       |        |      |      |      |      |       |     |      |       |      |
|---------|--------|---------|-------|------|-------|--------|------|-------|--------|------|------|------|------|-------|-----|------|-------|------|
|         |        | Analyte |       |      |       |        |      |       |        |      |      |      |      |       |     |      |       |      |
|         |        | La      | Cr    | Mg   | Ba    | Ti     | B    | Al    | Na     | K    | W    | Sc   | Tl   | S     | Hg  | Se   | Te    | Ga   |
|         |        | ppm     | ppm   | %    | ppm   | %      | ppm  | %     | %      | %    | ppm  | ppm  | ppm  | %     | ppb | ppm  | ppm   | ppm  |
| MDL     | 0.5    | 0.5     | 0.01  | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1 | 0.02 | 0.1   |      |
| 1302785 | Soil   | 12.9    | 27.0  | 0.43 | 146.2 | 0.026  | 1    | 1.45  | 0.005  | 0.06 | 0.2  | 2.5  | 0.11 | <0.02 | 32  | 0.3  | 0.05  | 3.5  |
| 1302786 | Soil   | 23.0    | 26.1  | 0.46 | 178.2 | 0.014  | 2    | 1.24  | 0.004  | 0.09 | <0.1 | 3.7  | 0.20 | 0.02  | 104 | 2.2  | 0.05  | 3.1  |
| 1302787 | Soil   | 15.7    | 17.3  | 0.10 | 600.8 | 0.006  | <1   | 0.94  | 0.009  | 0.08 | <0.1 | 5.9  | 0.17 | 0.08  | 154 | 1.8  | 0.17  | 4.9  |
| 1302788 | Soil   | 92.1    | 307.5 | 1.77 | 129.1 | 0.008  | <1   | 4.20  | <0.001 | 0.08 | <0.1 | 33.3 | 0.16 | <0.02 | 61  | 0.1  | 0.02  | 13.9 |
| 1302789 | Soil   | 17.6    | 5.3   | 0.03 | 73.0  | <0.001 | <1   | 0.31  | 0.001  | 0.10 | <0.1 | 1.9  | 0.07 | <0.02 | 59  | <0.1 | 0.02  | 0.7  |
| 1302790 | Soil   | 12.8    | 23.2  | 0.42 | 202.8 | 0.024  | 1    | 1.26  | 0.009  | 0.05 | 0.2  | 4.2  | 0.11 | 0.03  | 90  | <0.1 | 0.10  | 3.6  |
| 1302791 | Soil   | 11.6    | 12.0  | 0.33 | 131.9 | 0.013  | 2    | 0.65  | 0.009  | 0.04 | 0.2  | 2.6  | 0.06 | <0.02 | 112 | 0.4  | <0.02 | 1.6  |
| 1302792 | Soil   | 13.7    | 28.2  | 0.49 | 279.2 | 0.025  | 1    | 1.60  | 0.009  | 0.04 | 0.2  | 4.2  | 0.14 | <0.02 | 35  | 0.3  | 0.04  | 4.6  |
| 1302793 | Soil   | 11.6    | 35.5  | 0.44 | 151.5 | 0.014  | 1    | 1.84  | 0.003  | 0.07 | 0.1  | 4.0  | 0.16 | 0.04  | 45  | 0.6  | <0.02 | 4.6  |
| 1302794 | Soil   | 9.7     | 27.4  | 0.35 | 288.3 | 0.008  | <1   | 1.70  | 0.003  | 0.08 | 0.1  | 2.4  | 0.15 | <0.02 | 18  | 0.2  | <0.02 | 6.6  |
| 1302795 | Soil   | 16.5    | 24.3  | 0.38 | 354.9 | 0.003  | 2    | 1.34  | 0.010  | 0.21 | <0.1 | 3.2  | 0.23 | 0.34  | 63  | 1.7  | 0.04  | 4.9  |
| 1302796 | Soil   | 13.7    | 25.9  | 0.37 | 424.1 | 0.007  | 2    | 1.53  | 0.006  | 0.11 | <0.1 | 2.6  | 0.17 | 0.03  | 42  | 0.3  | 0.04  | 7.1  |
| 1302797 | Soil   | 9.3     | 28.2  | 0.44 | 158.8 | 0.003  | 3    | 1.94  | 0.001  | 0.10 | <0.1 | 3.3  | 0.19 | 0.03  | 38  | 1.0  | <0.02 | 5.8  |
| 1302798 | Soil   | 33.1    | 84.7  | 0.58 | 333.6 | 0.006  | 2    | 1.52  | 0.009  | 0.14 | <0.1 | 6.8  | 0.30 | 0.19  | 159 | 1.0  | 0.04  | 4.9  |
| 1302799 | Soil   | 9.4     | 25.2  | 0.39 | 205.2 | 0.024  | 1    | 1.36  | 0.004  | 0.08 | 0.2  | 2.6  | 0.18 | 0.05  | 26  | 0.5  | 0.05  | 5.7  |
| 1302800 | Soil   | 14.7    | 32.8  | 0.49 | 191.9 | 0.022  | <1   | 1.88  | 0.002  | 0.07 | <0.1 | 3.3  | 0.15 | <0.02 | 28  | 0.3  | 0.04  | 5.3  |
| 1302801 | Soil   | 12.8    | 28.8  | 0.72 | 138.0 | 0.003  | 3    | 2.42  | 0.001  | 0.13 | <0.1 | 4.0  | 0.21 | <0.02 | 26  | <0.1 | 0.06  | 6.0  |
| 1302802 | Soil   | 14.3    | 22.6  | 0.45 | 211.3 | 0.004  | 3    | 1.84  | 0.002  | 0.18 | <0.1 | 3.4  | 0.15 | <0.02 | 23  | <0.1 | 0.06  | 5.7  |
| 1302803 | Soil   | 3.2     | 18.6  | 0.30 | 171.6 | 0.004  | 2    | 1.31  | 0.003  | 0.17 | <0.1 | 3.2  | 0.17 | <0.02 | 35  | <0.1 | 0.09  | 4.4  |
| 1302804 | Soil   | 3.3     | 20.6  | 0.22 | 112.5 | 0.004  | 2    | 1.75  | 0.005  | 0.10 | <0.1 | 2.2  | 0.13 | <0.02 | 31  | 0.2  | 0.05  | 6.1  |



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Project: FACE  
 Report Date: August 10, 2012

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QUALITY CONTROL REPORT

DAW12000117.1

| Method          | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  |       |
|-----------------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|-------|
| Analyte         | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb    | Bi   | V    | Ca   | P     |       |
| Unit            | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm  | ppm  | %    | %     |       |
| MDL             | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02  | 0.02 | 2    | 0.01 | 0.001 |       |
| Pulp Duplicates |      |      |       |       |       |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |       |
| 1302332         | Soil | 3.75 | 59.69 | 18.34 | 71.8  | 91   | 23.6 | 15.1 | 794  | 3.09 | 4.9  | 0.5  | 1.3  | 1.7  | 10.8 | 0.12  | 0.43 | 0.42 | 20   | 0.14  | 0.051 |
| REP 1302332     | QC   | 3.79 | 58.83 | 18.01 | 75.1  | 88   | 23.9 | 15.0 | 797  | 3.12 | 4.7  | 0.5  | 1.0  | 1.7  | 10.9 | 0.11  | 0.40 | 0.40 | 21   | 0.14  | 0.052 |
| 1302341         | Soil | 1.91 | 31.48 | 13.28 | 62.5  | 142  | 28.1 | 11.5 | 179  | 4.55 | 12.1 | 0.6  | 1.1  | 1.7  | 16.3 | 0.18  | 0.73 | 0.23 | 41   | 0.08  | 0.090 |
| REP 1302341     | QC   | 1.86 | 30.53 | 12.89 | 61.5  | 149  | 28.0 | 11.4 | 185  | 4.59 | 12.2 | 0.6  | 0.7  | 1.6  | 16.1 | 0.17  | 0.73 | 0.22 | 42   | 0.09  | 0.089 |
| 1302447         | Soil | 3.81 | 40.43 | 15.14 | 256.1 | 438  | 48.0 | 9.6  | 220  | 2.36 | 6.3  | 1.9  | 6.2  | 2.6  | 56.0 | 1.72  | 1.19 | 0.17 | 53   | 0.53  | 0.036 |
| REP 1302447     | QC   | 3.93 | 40.18 | 14.98 | 241.7 | 448  | 47.2 | 9.5  | 218  | 2.34 | 6.4  | 2.0  | 6.6  | 2.6  | 57.1 | 1.71  | 1.17 | 0.17 | 53   | 0.53  | 0.037 |
| 1302520         | Soil | 0.57 | 21.54 | 2.80  | 47.0  | 67   | 26.1 | 18.2 | 203  | 3.12 | 14.3 | 0.3  | 0.7  | 4.1  | 8.0  | 0.03  | 0.35 | 0.45 | 9    | 0.01  | 0.015 |
| REP 1302520     | QC   | 0.55 | 21.35 | 2.83  | 48.5  | 63   | 26.2 | 18.4 | 202  | 3.12 | 14.4 | 0.3  | 0.7  | 4.0  | 7.6  | 0.03  | 0.36 | 0.44 | 10   | 0.01  | 0.015 |
| 1302546         | Soil | 2.86 | 105.7 | 37.23 | 349.6 | 290  | 67.5 | 22.3 | 4103 | 8.92 | 29.1 | 4.8  | 5.7  | 1.8  | 32.7 | 1.16  | 2.17 | 0.41 | 19   | 0.08  | 0.100 |
| REP 1302546     | QC   | 2.98 | 108.5 | 39.21 | 353.9 | 283  | 66.7 | 23.5 | 4122 | 9.23 | 29.2 | 4.6  | 6.2  | 1.8  | 32.3 | 1.08  | 2.09 | 0.39 | 19   | 0.08  | 0.100 |
| 1302555         | Soil | 2.40 | 17.86 | 9.75  | 45.2  | 84   | 18.3 | 5.5  | 147  | 2.15 | 8.8  | 0.6  | 1.9  | 1.4  | 20.7 | 0.25  | 1.55 | 0.15 | 94   | 0.16  | 0.043 |
| REP 1302555     | QC   | 2.37 | 16.73 | 10.01 | 43.7  | 80   | 17.7 | 5.1  | 150  | 2.15 | 9.0  | 0.6  | 2.3  | 1.5  | 22.6 | 0.29  | 1.64 | 0.16 | 96   | 0.17  | 0.046 |
| 1302582         | Soil | 1.72 | 22.92 | 8.55  | 52.4  | 60   | 23.7 | 12.2 | 440  | 3.26 | 9.7  | 0.5  | 3.9  | 3.5  | 5.7  | 0.10  | 0.51 | 0.22 | 55   | 0.05  | 0.035 |
| REP 1302582     | QC   | 1.81 | 22.90 | 8.20  | 53.1  | 62   | 24.3 | 11.5 | 435  | 3.24 | 9.7  | 0.4  | 1.2  | 3.5  | 5.6  | 0.08  | 0.51 | 0.18 | 55   | 0.05  | 0.034 |
| 1302591         | Soil | 0.85 | 19.38 | 19.22 | 47.1  | 105  | 26.9 | 12.0 | 767  | 3.10 | 9.7  | 0.8  | 3.6  | 2.0  | 41.4 | 0.13  | 0.42 | 0.20 | 51   | 0.89  | 0.049 |
| REP 1302591     | QC   | 0.85 | 19.65 | 19.93 | 45.9  | 100  | 27.5 | 12.1 | 753  | 3.12 | 10.0 | 0.8  | 1.0  | 2.1  | 40.2 | 0.14  | 0.40 | 0.18 | 51   | 0.89  | 0.049 |
| 1302644         | Soil | 5.78 | 39.06 | 20.30 | 322.6 | 100  | 50.2 | 12.2 | 252  | 3.89 | 14.0 | 1.6  | 4.4  | 3.0  | 55.1 | 0.94  | 0.98 | 0.17 | 64   | 0.12  | 0.101 |
| REP 1302644     | QC   | 5.98 | 39.95 | 20.41 | 323.1 | 101  | 51.1 | 12.6 | 258  | 3.90 | 13.9 | 1.5  | 2.0  | 3.0  | 53.3 | 0.99  | 0.95 | 0.16 | 66   | 0.13  | 0.102 |
| 1302676         | Soil | 1.75 | 10.76 | 12.67 | 41.2  | 178  | 8.4  | 2.7  | 56   | 1.30 | 4.8  | 0.5  | 4.0  | 2.1  | 11.2 | 0.09  | 0.41 | 0.17 | 55   | 0.14  | 0.031 |
| REP 1302676     | QC   | 1.73 | 10.47 | 12.36 | 41.5  | 170  | 7.8  | 2.7  | 55   | 1.29 | 4.9  | 0.4  | 0.8  | 2.0  | 11.2 | 0.12  | 0.43 | 0.15 | 54   | 0.14  | 0.032 |
| 1302680         | Soil | 0.76 | 12.04 | 5.17  | 29.4  | 40   | 26.6 | 15.7 | 943  | 3.20 | 4.9  | 0.7  | 0.4  | 4.3  | 4.0  | <0.01 | 0.25 | 1.06 | 11   | 0.04  | 0.015 |
| REP 1302680     | QC   | 0.76 | 11.87 | 5.49  | 29.9  | 42   | 25.9 | 15.3 | 914  | 3.15 | 4.6  | 0.7  | 0.4  | 4.3  | 3.9  | 0.01  | 0.26 | 1.10 | 11   | 0.04  | 0.015 |
| 1302683         | Soil | 1.58 | 20.95 | 10.11 | 53.8  | 39   | 26.0 | 13.1 | 359  | 2.72 | 10.4 | 0.7  | 2.3  | 5.1  | 9.9  | 0.13  | 0.67 | 0.18 | 53   | 0.11  | 0.028 |
| REP 1302683     | QC   | 1.46 | 19.65 | 9.86  | 51.4  | 35   | 23.9 | 12.8 | 347  | 2.70 | 9.8  | 0.7  | 1.9  | 5.0  | 9.0  | 0.12  | 0.63 | 0.18 | 51   | 0.10  | 0.026 |
| 1302712         | Soil | 6.42 | 26.83 | 13.19 | 126.5 | 222  | 44.9 | 13.3 | 259  | 2.92 | 15.4 | 1.0  | 4.0  | 5.3  | 16.2 | 1.28  | 2.20 | 0.13 | 183  | 0.11  | 0.057 |
| REP 1302712     | QC   | 6.45 | 26.38 | 12.51 | 121.6 | 201  | 44.2 | 13.3 | 252  | 2.97 | 14.9 | 1.0  | 4.1  | 5.1  | 15.3 | 1.22  | 2.14 | 0.12 | 183  | 0.11  | 0.054 |
| 1302716         | Soil | 7.19 | 64.77 | 16.20 | 148.2 | 863  | 52.5 | 12.3 | 143  | 2.92 | 19.2 | 2.1  | 3.7  | 4.1  | 40.7 | 0.66  | 2.03 | 0.15 | 159  | 2.00  | 0.140 |
| REP 1302716     | QC   | 7.11 | 64.37 | 16.33 | 143.9 | 826  | 50.7 | 12.1 | 144  | 2.85 | 18.9 | 2.1  | 3.7  | 3.9  | 40.9 | 0.68  | 2.12 | 0.16 | 157  | 1.97  | 0.142 |



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Project: FACE  
 Report Date: August 10, 2012

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QUALITY CONTROL REPORT

DAW12000117.1

| Method          | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|-----------------|------|------|------|------|-------|--------|------|-------|--------|------|------|------|------|-------|------|------|-------|-----|
| Analyte         | La   | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit            | ppm  | ppm  | %    | ppm  | %     | ppm    | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL             | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| Pulp Duplicates |      |      |      |      |       |        |      |       |        |      |      |      |      |       |      |      |       |     |
| 1302332         | Soil | 4.0  | 20.7 | 0.36 | 275.8 | 0.005  | 2    | 1.35  | 0.002  | 0.09 | <0.1 | 1.7  | 0.07 | 0.03  | 53   | <0.1 | 0.04  | 3.9 |
| REP 1302332     | QC   | 3.9  | 20.6 | 0.36 | 262.6 | 0.005  | 3    | 1.38  | 0.002  | 0.09 | <0.1 | 1.7  | 0.07 | 0.03  | 43   | <0.1 | 0.05  | 4.1 |
| 1302341         | Soil | 4.5  | 24.4 | 0.22 | 191.6 | 0.006  | 1    | 1.92  | 0.005  | 0.09 | <0.1 | 2.0  | 0.12 | 0.07  | 59   | 0.4  | 0.03  | 5.1 |
| REP 1302341     | QC   | 4.5  | 25.4 | 0.21 | 193.9 | 0.006  | 1    | 2.00  | 0.005  | 0.09 | 0.1  | 2.1  | 0.11 | 0.07  | 62   | 0.3  | 0.06  | 5.2 |
| 1302447         | Soil | 10.9 | 26.2 | 0.37 | 997.0 | 0.015  | 2    | 1.39  | 0.011  | 0.07 | 0.2  | 3.2  | 0.18 | 0.04  | 141  | 1.6  | 0.05  | 4.4 |
| REP 1302447     | QC   | 10.6 | 25.8 | 0.37 | 990.7 | 0.015  | 2    | 1.38  | 0.011  | 0.07 | 0.1  | 3.3  | 0.17 | 0.04  | 150  | 1.7  | 0.05  | 4.4 |
| 1302520         | Soil | 3.4  | 19.5 | 0.44 | 41.2  | <0.001 | <1   | 1.41  | <0.001 | 0.05 | <0.1 | 1.4  | 0.04 | <0.02 | 18   | 0.2  | 0.03  | 3.9 |
| REP 1302520     | QC   | 3.4  | 20.1 | 0.45 | 41.3  | <0.001 | <1   | 1.40  | <0.001 | 0.05 | <0.1 | 1.3  | 0.05 | <0.02 | 18   | 0.2  | <0.02 | 3.9 |
| 1302546         | Soil | 8.1  | 14.6 | 0.12 | 919.8 | 0.003  | 2    | 1.29  | 0.020  | 0.08 | <0.1 | 9.9  | 0.30 | 0.17  | 304  | 2.1  | 0.18  | 3.3 |
| REP 1302546     | QC   | 7.6  | 15.8 | 0.12 | 913.9 | 0.003  | <1   | 1.29  | 0.021  | 0.08 | <0.1 | 9.6  | 0.29 | 0.18  | 318  | 2.3  | 0.14  | 3.2 |
| 1302555         | Soil | 10.7 | 22.4 | 0.31 | 236.1 | 0.036  | 1    | 1.28  | 0.006  | 0.04 | 0.2  | 2.1  | 0.18 | <0.02 | 47   | 1.2  | 0.03  | 4.9 |
| REP 1302555     | QC   | 11.0 | 22.8 | 0.31 | 256.8 | 0.036  | 1    | 1.26  | 0.006  | 0.04 | 0.1  | 2.2  | 0.19 | <0.02 | 47   | 1.2  | 0.05  | 5.1 |
| 1302582         | Soil | 5.7  | 28.7 | 0.37 | 166.5 | 0.010  | 1    | 2.00  | 0.002  | 0.07 | 0.2  | 2.2  | 0.13 | <0.02 | 43   | 0.3  | 0.03  | 5.6 |
| REP 1302582     | QC   | 5.7  | 27.4 | 0.36 | 162.6 | 0.009  | 1    | 2.01  | 0.002  | 0.07 | 0.2  | 2.1  | 0.12 | <0.02 | 35   | 0.3  | 0.05  | 5.6 |
| 1302591         | Soil | 17.8 | 29.0 | 0.29 | 204.3 | 0.016  | 1    | 1.90  | 0.005  | 0.03 | 0.2  | 4.0  | 0.11 | 0.04  | 49   | 0.3  | 0.09  | 4.2 |
| REP 1302591     | QC   | 18.1 | 29.1 | 0.30 | 204.5 | 0.016  | 1    | 1.90  | 0.005  | 0.03 | 0.2  | 3.9  | 0.11 | 0.04  | 67   | 0.4  | 0.08  | 4.5 |
| 1302644         | Soil | 11.4 | 31.1 | 0.33 | 264.9 | 0.024  | <1   | 2.01  | 0.011  | 0.08 | 0.1  | 4.0  | 0.26 | 0.06  | 57   | 0.9  | 0.07  | 6.0 |
| REP 1302644     | QC   | 11.7 | 31.0 | 0.33 | 264.9 | 0.024  | <1   | 2.04  | 0.012  | 0.08 | 0.2  | 4.0  | 0.28 | 0.07  | 37   | 0.8  | 0.09  | 5.8 |
| 1302676         | Soil | 11.3 | 15.7 | 0.16 | 194.5 | 0.017  | 1    | 1.08  | 0.006  | 0.04 | 0.1  | 1.6  | 0.14 | 0.02  | 37   | 0.5  | 0.06  | 5.0 |
| REP 1302676     | QC   | 11.2 | 16.1 | 0.15 | 190.5 | 0.017  | <1   | 1.06  | 0.006  | 0.04 | 0.1  | 1.6  | 0.13 | 0.02  | 31   | 0.5  | <0.02 | 5.1 |
| 1302680         | Soil | 2.4  | 18.7 | 0.37 | 138.8 | <0.001 | 2    | 1.40  | 0.003  | 0.11 | <0.1 | 2.7  | 0.06 | <0.02 | 34   | 0.1  | 0.02  | 4.0 |
| REP 1302680     | QC   | 2.3  | 18.2 | 0.38 | 134.8 | <0.001 | 2    | 1.40  | 0.003  | 0.10 | <0.1 | 2.5  | 0.05 | <0.02 | 26   | 0.1  | <0.02 | 3.9 |
| 1302683         | Soil | 9.9  | 31.4 | 0.48 | 152.1 | 0.024  | 1    | 1.73  | 0.003  | 0.05 | 0.2  | 2.7  | 0.13 | <0.02 | 19   | 0.4  | 0.04  | 4.8 |
| REP 1302683     | QC   | 9.2  | 30.3 | 0.45 | 140.6 | 0.022  | 1    | 1.68  | 0.003  | 0.05 | 0.2  | 2.7  | 0.12 | <0.02 | 27   | 0.4  | 0.03  | 4.5 |
| 1302712         | Soil | 11.2 | 44.9 | 0.44 | 251.4 | 0.047  | 2    | 2.65  | 0.003  | 0.06 | 0.2  | 3.9  | 0.28 | 0.03  | 66   | 1.5  | 0.05  | 5.3 |
| REP 1302712     | QC   | 10.6 | 44.9 | 0.43 | 245.0 | 0.043  | 1    | 2.63  | 0.003  | 0.06 | 0.2  | 3.9  | 0.26 | 0.03  | 54   | 1.6  | 0.10  | 5.1 |
| 1302716         | Soil | 33.0 | 63.8 | 0.31 | 350.0 | 0.006  | 5    | 1.94  | 0.003  | 0.15 | <0.1 | 9.0  | 0.31 | 0.03  | 128  | 1.5  | 0.08  | 5.4 |
| REP 1302716     | QC   | 31.7 | 61.1 | 0.32 | 335.1 | 0.005  | 5    | 1.91  | 0.003  | 0.15 | <0.1 | 8.8  | 0.30 | 0.03  | 119  | 1.4  | 0.04  | 5.2 |



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Project: FACE  
 Report Date: August 10, 2012

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DAW12000117.1

|                     |          | 1F15<br>Mo<br>ppm<br>0.01 | 1F15<br>Cu<br>ppm<br>0.01 | 1F15<br>Pb<br>ppm<br>0.01 | 1F15<br>Zn<br>ppm<br>0.1 | 1F15<br>Ag<br>ppb<br>2 | 1F15<br>Ni<br>ppm<br>0.1 | 1F15<br>Co<br>ppm<br>0.1 | 1F15<br>Mn<br>ppm<br>1 | 1F15<br>Fe<br>%<br>0.01 | 1F15<br>As<br>ppm<br>0.1 | 1F15<br>U<br>ppm<br>0.1 | 1F15<br>Au<br>ppb<br>0.2 | 1F15<br>Th<br>ppm<br>0.1 | 1F15<br>Sr<br>ppm<br>0.5 | 1F15<br>Cd<br>ppm<br>0.01 | 1F15<br>Sb<br>ppm<br>0.02 | 1F15<br>Bi<br>ppm<br>0.02 | 1F15<br>V<br>ppm<br>2 | 1F15<br>Ca<br>%<br>0.01 | 1F15<br>P<br>%<br>0.001 |
|---------------------|----------|---------------------------|---------------------------|---------------------------|--------------------------|------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-----------------------|-------------------------|-------------------------|
| 1302748             | Soil     | 2.47                      | 24.03                     | 12.37                     | 65.0                     | 159                    | 37.9                     | 10.7                     | 210                    | 2.92                    | 12.5                     | 0.7                     | 6.2                      | 3.8                      | 23.2                     | 0.22                      | 1.01                      | 0.21                      | 75                    | 0.17                    | 0.102                   |
| REP 1302748         | QC       | 2.46                      | 24.08                     | 12.60                     | 66.8                     | 160                    | 37.7                     | 11.0                     | 214                    | 2.95                    | 12.5                     | 0.8                     | 1.9                      | 4.0                      | 23.6                     | 0.25                      | 1.04                      | 0.21                      | 76                    | 0.17                    | 0.105                   |
| 1302752             | Soil     | 1.45                      | 105.1                     | 15.06                     | 56.5                     | 493                    | 57.0                     | 24.9                     | 1976                   | 5.89                    | 6.4                      | 0.7                     | 10.3                     | 3.1                      | 63.9                     | 0.38                      | 1.12                      | 0.33                      | 43                    | 0.89                    | 0.062                   |
| REP 1302752         | QC       | 1.51                      | 106.8                     | 15.22                     | 57.8                     | 503                    | 57.9                     | 25.5                     | 1996                   | 5.99                    | 6.4                      | 0.7                     | 11.3                     | 3.0                      | 67.1                     | 0.36                      | 1.15                      | 0.34                      | 44                    | 0.90                    | 0.066                   |
| 1302784             | Soil     | 1.28                      | 13.88                     | 7.92                      | 39.6                     | 32                     | 16.0                     | 7.6                      | 285                    | 2.66                    | 8.8                      | 0.5                     | 1.6                      | 2.7                      | 8.3                      | 0.12                      | 0.61                      | 0.20                      | 49                    | 0.08                    | 0.034                   |
| REP 1302784         | QC       | 1.29                      | 13.97                     | 8.36                      | 40.2                     | 40                     | 16.5                     | 7.4                      | 294                    | 2.75                    | 9.0                      | 0.5                     | 2.9                      | 2.9                      | 8.4                      | 0.13                      | 0.61                      | 0.20                      | 50                    | 0.08                    | 0.034                   |
| 1302788             | Soil     | 3.72                      | 95.77                     | 34.72                     | 198.6                    | 279                    | 272.9                    | 70.0                     | 2762                   | 10.62                   | 45.9                     | 0.9                     | 0.4                      | 9.0                      | 68.3                     | 0.24                      | 0.34                      | 0.87                      | 162                   | 0.59                    | 0.113                   |
| REP 1302788         | QC       | 3.59                      | 92.40                     | 35.02                     | 192.7                    | 271                    | 270.9                    | 67.2                     | 2784                   | 10.47                   | 46.5                     | 0.9                     | 0.8                      | 8.9                      | 66.7                     | 0.24                      | 0.26                      | 0.88                      | 160                   | 0.59                    | 0.113                   |
| 1302789             | Soil     | 0.38                      | 6.46                      | 5.58                      | 4.5                      | 137                    | 13.1                     | 12.5                     | 328                    | 1.83                    | 4.8                      | 0.3                     | <0.2                     | 2.8                      | 2.5                      | 0.02                      | 0.34                      | 0.20                      | 8                     | 0.02                    | 0.025                   |
| REP 1302789         | QC       | 0.42                      | 6.11                      | 5.32                      | 3.9                      | 151                    | 12.7                     | 12.4                     | 313                    | 1.83                    | 4.6                      | 0.3                     | <0.2                     | 2.8                      | 2.4                      | 0.01                      | 0.34                      | 0.21                      | 6                     | 0.02                    | 0.024                   |
| 1302795             | Soil     | 3.04                      | 68.26                     | 50.17                     | 128.3                    | 405                    | 20.2                     | 8.0                      | 84                     | 4.10                    | 10.6                     | 0.9                     | 2.2                      | 2.9                      | 31.9                     | 0.30                      | 1.09                      | 0.26                      | 38                    | 0.07                    | 0.114                   |
| REP 1302795         | QC       | 3.04                      | 66.75                     | 50.51                     | 124.6                    | 372                    | 19.8                     | 8.2                      | 83                     | 4.12                    | 10.8                     | 0.9                     | 2.1                      | 2.9                      | 31.4                     | 0.28                      | 1.17                      | 0.25                      | 38                    | 0.06                    | 0.107                   |
| Reference Materials |          |                           |                           |                           |                          |                        |                          |                          |                        |                         |                          |                         |                          |                          |                          |                           |                           |                           |                       |                         |                         |
| STD DS9             | Standard | 13.11                     | 110.7                     | 130.1                     | 320.7                    | 1908                   | 41.4                     | 7.3                      | 585                    | 2.26                    | 25.8                     | 2.8                     | 128.2                    | 6.4                      | 66.1                     | 2.51                      | 5.62                      | 6.31                      | 36                    | 0.70                    | 0.083                   |
| STD DS9             | Standard | 13.37                     | 104.5                     | 126.8                     | 309.3                    | 1831                   | 39.3                     | 7.4                      | 593                    | 2.33                    | 25.4                     | 2.8                     | 121.5                    | 6.6                      | 73.1                     | 2.39                      | 5.82                      | 6.77                      | 39                    | 0.74                    | 0.085                   |
| STD DS9             | Standard | 14.06                     | 110.5                     | 128.0                     | 307.9                    | 1918                   | 40.8                     | 7.8                      | 592                    | 2.30                    | 24.8                     | 2.4                     | 113.0                    | 6.7                      | 66.4                     | 2.40                      | 5.21                      | 5.53                      | 40                    | 0.74                    | 0.077                   |
| STD DS9             | Standard | 13.66                     | 117.4                     | 133.8                     | 307.1                    | 2031                   | 42.4                     | 8.3                      | 577                    | 2.33                    | 24.9                     | 2.5                     | 147.0                    | 7.1                      | 60.9                     | 2.33                      | 5.20                      | 5.64                      | 37                    | 0.70                    | 0.081                   |
| STD DS9             | Standard | 13.20                     | 111.1                     | 116.8                     | 304.2                    | 1983                   | 43.3                     | 7.4                      | 595                    | 2.26                    | 24.6                     | 2.3                     | 118.7                    | 5.6                      | 67.2                     | 2.37                      | 5.64                      | 6.35                      | 40                    | 0.72                    | 0.081                   |
| STD DS9             | Standard | 14.29                     | 112.5                     | 127.3                     | 311.5                    | 1973                   | 42.5                     | 7.6                      | 614                    | 2.34                    | 25.2                     | 2.7                     | 119.2                    | 6.5                      | 76.5                     | 2.35                      | 5.53                      | 6.47                      | 39                    | 0.75                    | 0.085                   |
| STD DS9             | Standard | 13.74                     | 110.2                     | 123.6                     | 303.6                    | 1836                   | 42.5                     | 7.9                      | 605                    | 2.31                    | 24.5                     | 2.6                     | 128.3                    | 6.5                      | 70.1                     | 2.22                      | 5.49                      | 6.33                      | 39                    | 0.75                    | 0.079                   |
| STD DS9             | Standard | 14.37                     | 113.5                     | 126.2                     | 305.2                    | 1840                   | 41.9                     | 7.5                      | 588                    | 2.28                    | 24.9                     | 2.5                     | 123.5                    | 7.0                      | 60.3                     | 2.30                      | 5.01                      | 5.46                      | 41                    | 0.73                    | 0.079                   |
| STD DS9             | Standard | 13.90                     | 115.8                     | 129.8                     | 299.4                    | 1942                   | 42.8                     | 8.2                      | 582                    | 2.28                    | 24.5                     | 2.4                     | 127.1                    | 7.1                      | 62.1                     | 2.34                      | 4.80                      | 5.46                      | 40                    | 0.72                    | 0.078                   |
| STD DS9             | Standard | 13.63                     | 110.1                     | 125.8                     | 305.9                    | 1894                   | 40.1                     | 7.8                      | 584                    | 2.35                    | 24.7                     | 2.9                     | 118.0                    | 6.4                      | 61.5                     | 2.30                      | 4.83                      | 5.34                      | 40                    | 0.74                    | 0.082                   |
| STD DS9             | Standard | 15.15                     | 121.0                     | 126.3                     | 322.9                    | 1910                   | 45.1                     | 8.2                      | 596                    | 2.34                    | 26.3                     | 3.2                     | 124.1                    | 7.6                      | 75.7                     | 2.56                      | 6.18                      | 7.26                      | 39                    | 0.75                    | 0.081                   |
| STD DS9             | Standard | 13.25                     | 113.7                     | 125.1                     | 297.8                    | 1898                   | 42.1                     | 8.0                      | 574                    | 2.27                    | 23.8                     | 2.8                     | 135.9                    | 6.6                      | 60.7                     | 2.24                      | 4.85                      | 5.27                      | 39                    | 0.71                    | 0.079                   |
| STD DS9             | Standard | 12.71                     | 109.6                     | 126.1                     | 309.1                    | 1880                   | 39.8                     | 7.7                      | 569                    | 2.32                    | 25.5                     | 2.8                     | 119.3                    | 5.7                      | 58.4                     | 2.26                      | 5.05                      | 4.62                      | 41                    | 0.72                    | 0.078                   |
| STD DS9             | Standard | 14.13                     | 106.1                     | 131.5                     | 316.3                    | 1961                   | 42.5                     | 7.5                      | 615                    | 2.40                    | 26.3                     | 2.7                     | 125.4                    | 6.4                      | 77.8                     | 2.35                      | 5.09                      | 6.73                      | 42                    | 0.76                    | 0.088                   |
| STD DS9 Expected    |          | 12.84                     | 108                       | 126                       | 317                      | 1830                   | 40.3                     | 7.6                      | 575                    | 2.33                    | 25.5                     | 2.69                    | 118                      | 6.38                     | 69.6                     | 2.4                       | 4.94                      | 6.32                      | 40                    | 0.7201                  | 0.0819                  |
| BLK                 | Blank    | <0.01                     | 0.03                      | 0.01                      | <0.1                     | 2                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |



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Report Date: August 10, 2012

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QUALITY CONTROL REPORT

DAW12000117.1

|                     |          | 1F15<br>La<br>ppm | 1F15<br>Cr<br>ppm | 1F15<br>Mg<br>% | 1F15<br>Ba<br>ppm | 1F15<br>Ti<br>% | 1F15<br>B<br>ppm | 1F15<br>Al<br>% | 1F15<br>Na<br>% | 1F15<br>K<br>% | 1F15<br>W<br>ppm | 1F15<br>Sc<br>ppm | 1F15<br>Ti<br>ppm | 1F15<br>S<br>% | 1F15<br>Hg<br>ppb | 1F15<br>Se<br>ppm | 1F15<br>Te<br>ppm | 1F15<br>Ga<br>ppm |
|---------------------|----------|-------------------|-------------------|-----------------|-------------------|-----------------|------------------|-----------------|-----------------|----------------|------------------|-------------------|-------------------|----------------|-------------------|-------------------|-------------------|-------------------|
|                     |          | 0.5               | 0.5               | 0.01            | 0.5               | 0.001           | 1                | 0.01            | 0.001           | 0.01           | 0.1              | 0.1               | 0.02              | 0.02           | 5                 | 0.1               | 0.02              | 0.1               |
| 1302748             | Soil     | 11.9              | 32.7              | 0.42            | 242.6             | 0.038           | 1                | 2.09            | 0.005           | 0.06           | 0.2              | 3.3               | 0.15              | 0.02           | 38                | 0.7               | 0.07              | 5.5               |
| REP 1302748         | QC       | 12.3              | 34.6              | 0.43            | 256.0             | 0.043           | 2                | 2.11            | 0.005           | 0.06           | 0.2              | 3.5               | 0.14              | 0.02           | 45                | 0.7               | 0.07              | 5.5               |
| 1302752             | Soil     | 18.7              | 24.3              | 0.45            | 985.3             | 0.013           | 2                | 1.57            | 0.004           | 0.09           | <0.1             | 9.4               | 0.12              | 0.06           | 103               | 0.3               | 0.05              | 4.7               |
| REP 1302752         | QC       | 19.5              | 24.6              | 0.46            | 1014              | 0.014           | 3                | 1.61            | 0.004           | 0.09           | <0.1             | 9.6               | 0.13              | 0.06           | 112               | 0.7               | 0.05              | 4.7               |
| 1302784             | Soil     | 8.7               | 24.0              | 0.26            | 122.1             | 0.019           | 2                | 1.58            | 0.003           | 0.05           | 0.2              | 2.4               | 0.10              | <0.02          | 37                | 0.2               | 0.03              | 4.7               |
| REP 1302784         | QC       | 8.8               | 24.1              | 0.27            | 129.3             | 0.018           | 2                | 1.58            | 0.003           | 0.05           | 0.2              | 2.3               | 0.11              | <0.02          | 44                | 0.3               | 0.03              | 4.6               |
| 1302788             | Soil     | 92.1              | 307.5             | 1.77            | 129.1             | 0.008           | <1               | 4.20            | <0.001          | 0.08           | <0.1             | 33.3              | 0.16              | <0.02          | 61                | 0.1               | 0.02              | 13.9              |
| REP 1302788         | QC       | 91.1              | 301.4             | 1.76            | 128.8             | 0.008           | 1                | 4.24            | <0.001          | 0.08           | <0.1             | 33.5              | 0.16              | <0.02          | 55                | <0.1              | 0.03              | 13.8              |
| 1302789             | Soil     | 17.6              | 5.3               | 0.03            | 73.0              | <0.001          | <1               | 0.31            | 0.001           | 0.10           | <0.1             | 1.9               | 0.07              | <0.02          | 59                | <0.1              | 0.02              | 0.7               |
| REP 1302789         | QC       | 16.9              | 5.4               | 0.03            | 73.4              | <0.001          | 1                | 0.31            | 0.001           | 0.10           | <0.1             | 1.8               | 0.06              | <0.02          | 53                | 0.1               | 0.04              | 0.7               |
| 1302795             | Soil     | 16.5              | 24.3              | 0.38            | 354.9             | 0.003           | 2                | 1.34            | 0.010           | 0.21           | <0.1             | 3.2               | 0.23              | 0.34           | 63                | 1.7               | 0.04              | 4.9               |
| REP 1302795         | QC       | 16.3              | 24.8              | 0.37            | 346.7             | 0.003           | 3                | 1.36            | 0.010           | 0.22           | <0.1             | 3.1               | 0.23              | 0.34           | 72                | 1.6               | 0.05              | 4.8               |
| Reference Materials |          |                   |                   |                 |                   |                 |                  |                 |                 |                |                  |                   |                   |                |                   |                   |                   |                   |
| STD DS9             | Standard | 12.1              | 115.8             | 0.62            | 301.5             | 0.108           | 3                | 0.90            | 0.085           | 0.39           | 3.2              | 2.5               | 5.85              | 0.16           | 212               | 5.4               | 5.48              | 5.0               |
| STD DS9             | Standard | 13.9              | 115.8             | 0.62            | 311.9             | 0.110           | 3                | 1.02            | 0.102           | 0.41           | 3.2              | 3.0               | 5.66              | 0.16           | 213               | 5.3               | 5.24              | 4.8               |
| STD DS9             | Standard | 14.2              | 119.8             | 0.61            | 298.5             | 0.112           | 3                | 0.98            | 0.091           | 0.40           | 3.2              | 2.6               | 5.59              | 0.16           | 214               | 5.6               | 5.31              | 4.7               |
| STD DS9             | Standard | 13.2              | 121.2             | 0.62            | 302.9             | 0.109           | 3                | 0.95            | 0.082           | 0.40           | 3.2              | 2.5               | 5.68              | 0.16           | 239               | 5.5               | 5.26              | 4.9               |
| STD DS9             | Standard | 12.9              | 122.4             | 0.62            | 293.8             | 0.119           | 3                | 0.96            | 0.085           | 0.40           | 3.0              | 2.5               | 5.29              | 0.16           | 223               | 5.1               | 5.04              | 4.4               |
| STD DS9             | Standard | 14.8              | 120.4             | 0.63            | 324.0             | 0.127           | 3                | 1.01            | 0.094           | 0.41           | 3.3              | 2.8               | 5.69              | 0.16           | 205               | 5.5               | 5.18              | 5.1               |
| STD DS9             | Standard | 14.2              | 122.0             | 0.62            | 289.6             | 0.124           | 2                | 0.98            | 0.086           | 0.40           | 3.1              | 2.5               | 5.59              | 0.15           | 202               | 5.5               | 5.13              | 4.8               |
| STD DS9             | Standard | 13.8              | 119.4             | 0.62            | 306.2             | 0.110           | 2                | 0.97            | 0.087           | 0.40           | 3.2              | 2.5               | 5.59              | 0.16           | 217               | 5.8               | 5.48              | 4.7               |
| STD DS9             | Standard | 12.7              | 119.8             | 0.62            | 295.2             | 0.107           | 3                | 0.97            | 0.089           | 0.40           | 3.1              | 2.7               | 5.63              | 0.16           | 206               | 5.9               | 5.47              | 4.8               |
| STD DS9             | Standard | 13.9              | 120.7             | 0.62            | 300.6             | 0.114           | 3                | 0.97            | 0.088           | 0.40           | 3.1              | 2.4               | 5.57              | 0.17           | 217               | 5.2               | 5.11              | 4.5               |
| STD DS9             | Standard | 16.9              | 125.2             | 0.63            | 299.9             | 0.137           | 3                | 1.02            | 0.094           | 0.41           | 2.9              | 3.0               | 5.65              | 0.16           | 192               | 5.3               | 4.93              | 4.9               |
| STD DS9             | Standard | 12.3              | 119.0             | 0.59            | 281.1             | 0.105           | 2                | 0.94            | 0.089           | 0.39           | 2.9              | 2.3               | 5.60              | 0.17           | 208               | 5.3               | 5.13              | 4.5               |
| STD DS9             | Standard | 13.1              | 115.8             | 0.62            | 293.7             | 0.109           | 2                | 0.96            | 0.088           | 0.40           | 3.1              | 2.0               | 5.64              | 0.17           | 178               | 5.4               | 5.08              | 4.8               |
| STD DS9             | Standard | 14.1              | 120.7             | 0.63            | 302.0             | 0.112           | 3                | 0.99            | 0.088           | 0.41           | 3.3              | 2.8               | 6.14              | 0.17           | 225               | 6.0               | 5.51              | 5.0               |
| STD DS9 Expected    |          | 13.3              | 121               | 0.6165          | 295               | 0.1108          |                  | 0.9577          | 0.0853          | 0.395          | 2.89             | 2.5               | 5.3               | 0.1615         | 200               | 5.2               | 5.02              | 4.59              |
| BLK                 | Blank    | <0.5              | <0.5              | <0.01           | <0.5              | <0.001          | <1               | <0.01           | <0.001          | <0.01          | <0.1             | <0.1              | <0.02             | <0.02          | <5                | <0.1              | <0.02             | 0.2               |



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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000117.1

|     |       | 1F15<br>Mo<br>ppm<br>0.01 | 1F15<br>Cu<br>ppm<br>0.01 | 1F15<br>Pb<br>ppm<br>0.01 | 1F15<br>Zn<br>ppm<br>0.1 | 1F15<br>Ag<br>ppb<br>2 | 1F15<br>Ni<br>ppm<br>0.1 | 1F15<br>Co<br>ppm<br>0.1 | 1F15<br>Mn<br>ppm<br>1 | 1F15<br>Fe<br>%<br>0.01 | 1F15<br>As<br>ppm<br>0.1 | 1F15<br>U<br>ppm<br>0.1 | 1F15<br>Au<br>ppb<br>0.2 | 1F15<br>Th<br>ppm<br>0.1 | 1F15<br>Sr<br>ppm<br>0.5 | 1F15<br>Cd<br>ppm<br>0.01 | 1F15<br>Sb<br>ppm<br>0.02 | 1F15<br>Bi<br>ppm<br>0.02 | 1F15<br>V<br>ppm<br>2 | 1F15<br>Ca<br>%<br>0.01 | 1F15<br>P<br>%<br>0.001 |
|-----|-------|---------------------------|---------------------------|---------------------------|--------------------------|------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-----------------------|-------------------------|-------------------------|
| BLK | Blank | <0.01                     | 0.02                      | 0.01                      | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.02                      | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.01                      | <0.01                     | <0.1                     | 4                      | <0.1                     | <0.1                     | <1                     | <0.01                   | 0.2                      | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.05                      | 0.05                      | 0.2                      | <2                     | 0.1                      | <0.1                     | <1                     | <0.01                   | 0.1                      | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | <0.01                     | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | <0.01                     | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.03                      | <0.01                     | <0.1                     | 6                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | <0.01                     | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.06                      | <0.01                     | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.04                      | 0.01                      | <0.1                     | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.10                      | <0.01                     | 0.1                      | 3                      | 0.1                      | <0.1                     | 1                      | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | <0.01                     | <0.01                     | <0.1                     | 9                      | <0.1                     | <0.1                     | <1                     | <0.01                   | <0.1                     | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |
| BLK | Blank | <0.01                     | 0.50                      | <0.01                     | 0.3                      | <2                     | <0.1                     | <0.1                     | <1                     | <0.01                   | 0.2                      | <0.1                    | <0.2                     | <0.1                     | <0.5                     | <0.01                     | <0.02                     | <0.02                     | <2                    | <0.01                   | <0.001                  |



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**Project:** FACE  
**Report Date:** August 10, 2012

**Page:** 3 of 3

**Part:** 2 of 2

QUALITY CONTROL REPORT

DAW12000117.1

|     |       | 1F15<br>La<br>ppm<br>0.5 | 1F15<br>Cr<br>ppm<br>0.5 | 1F15<br>Mg<br>%<br>0.01 | 1F15<br>Ba<br>ppm<br>0.5 | 1F15<br>Ti<br>%<br>0.001 | 1F15<br>B<br>ppm<br>1 | 1F15<br>Al<br>%<br>0.01 | 1F15<br>Na<br>%<br>0.001 | 1F15<br>K<br>%<br>0.01 | 1F15<br>W<br>ppm<br>0.1 | 1F15<br>Sc<br>ppm<br>0.1 | 1F15<br>Ti<br>ppm<br>0.02 | 1F15<br>S<br>%<br>0.02 | 1F15<br>Hg<br>ppb<br>5 | 1F15<br>Se<br>ppm<br>0.1 | 1F15<br>Te<br>ppm<br>0.02 | 1F15<br>Ga<br>ppm<br>0.1 |
|-----|-------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|------------------------|------------------------|--------------------------|---------------------------|--------------------------|
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | 0.6                      | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | 1.1                      | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | 0.9                      | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK | Blank | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 09, 2012  
Report Date: July 28, 2012  
Page: 1 of 4

## CERTIFICATE OF ANALYSIS

DAW12000118.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-4  
P.O. Number  
Number of Samples: 76

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 76                | Dry at 60C  |              |               | DAW |
| SS80        | 76                | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| 1F02        | 76                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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





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Project: FACE  
 Report Date: July 28, 2012

Page: 2 of 4

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000118.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302805 | Soil    |      |     | 1.31    | 16.16   | 7.10    | 60.4    | 48      | 23.3    | 9.6     | 209     | 3.02    | 9.7     | 0.3    | 4.2     | 2.6     | 5.7     | 0.11    | 0.52    | 0.17    | 44     | 0.05    | 0.018  |
| 1302806 | Soil    |      |     | 1.64    | 80.06   | 8.76    | 61.7    | 100     | 25.8    | 12.2    | 1147    | 2.81    | 7.7     | 0.5    | 1.3     | 3.4     | 7.7     | 0.10    | 0.62    | 0.25    | 49     | 0.12    | 0.026  |
| 1302807 | Soil    |      |     | 3.83    | 26.79   | 27.48   | 47.6    | 606     | 12.5    | 3.3     | 124     | 3.81    | 98.2    | 0.5    | 19.0    | 1.6     | 50.6    | 0.57    | 1.54    | 0.23    | 100    | 0.04    | 0.077  |
| 1302808 | Soil    |      |     | 10.55   | 49.34   | 36.36   | 280.8   | 331     | 36.0    | 10.9    | 222     | 2.83    | 16.6    | 1.2    | 2.7     | 2.9     | 46.9    | 1.69    | 4.51    | 0.19    | 130    | 0.12    | 0.075  |
| 1302809 | Soil    |      |     | 2.15    | 16.52   | 15.33   | 70.1    | 75      | 13.6    | 5.7     | 131     | 2.50    | 6.5     | 0.3    | 1.1     | 1.7     | 7.5     | 0.37    | 0.64    | 0.19    | 65     | 0.07    | 0.034  |
| 1302810 | Soil    |      |     | 3.51    | 23.10   | 14.26   | 105.8   | 248     | 25.8    | 11.9    | 347     | 2.96    | 11.2    | 0.7    | 3.9     | 3.5     | 11.4    | 0.51    | 1.11    | 0.15    | 62     | 0.13    | 0.043  |
| 1302811 | Soil    |      |     | 1.14    | 38.81   | 18.69   | 79.2    | 116     | 28.1    | 16.1    | 1902    | 3.03    | 3.1     | 0.6    | 2.3     | 2.8     | 12.0    | 0.21    | 0.40    | 0.42    | 22     | 0.27    | 0.056  |
| 1302812 | Soil    |      |     | 32.61   | 81.49   | 41.85   | 518.1   | 721     | 85.6    | 9.4     | 233     | 3.83    | 30.9    | 4.4    | 7.8     | 1.8     | 67.8    | 1.45    | 13.15   | 0.28    | 441    | 0.19    | 0.113  |
| 1302813 | Soil    |      |     | 3.14    | 50.77   | 18.19   | 193.4   | 179     | 34.9    | 15.5    | 202     | 2.78    | 7.0     | 0.7    | 8.9     | 1.9     | 41.6    | 0.40    | 1.02    | 0.27    | 48     | 0.13    | 0.099  |
| 1302814 | Soil    |      |     | 2.18    | 19.50   | 11.38   | 65.2    | 58      | 18.0    | 9.6     | 785     | 3.41    | 9.4     | 0.5    | 15.4    | 3.1     | 7.8     | 0.15    | 0.65    | 0.34    | 46     | 0.07    | 0.029  |
| 1302815 | Soil    |      |     | 60.70   | 426.8   | 29.04   | 557.5   | 2238    | 89.6    | 4.3     | 220     | 2.80    | 18.9    | 11.7   | 56.4    | 3.3     | 158.6   | 3.30    | 8.06    | 0.29    | 439    | 1.20    | 0.682  |
| 1302816 | Soil    |      |     | 2.34    | 29.04   | 14.69   | 106.8   | 117     | 24.0    | 9.9     | 355     | 3.44    | 9.4     | 0.5    | 1.3     | 2.9     | 12.7    | 0.38    | 0.78    | 0.28    | 61     | 0.16    | 0.062  |
| 1302817 | Soil    |      |     | 51.66   | 282.1   | 22.73   | 421.0   | 1707    | 89.2    | 6.2     | 117     | 2.71    | 16.4    | 10.4   | 17.7    | 2.3     | 228.3   | 2.21    | 7.09    | 0.25    | 448    | 2.81    | 1.171  |
| 1302818 | Soil    |      |     | 8.86    | 49.62   | 18.11   | 615.7   | 175     | 117.5   | 44.7    | 874     | 5.38    | 10.6    | 1.8    | 3.0     | 3.5     | 11.2    | 1.09    | 1.22    | 0.24    | 47     | 0.09    | 0.057  |
| 1302819 | Soil    |      |     | 3.18    | 31.78   | 12.83   | 90.6    | 297     | 31.2    | 9.8     | 353     | 3.19    | 8.0     | 0.6    | 4.0     | 3.0     | 27.5    | 0.41    | 0.92    | 0.23    | 75     | 0.20    | 0.050  |
| 1302820 | Soil    |      |     | 2.06    | 48.50   | 20.36   | 121.4   | 285     | 37.5    | 17.3    | 737     | 3.98    | 8.5     | 0.6    | 6.5     | 2.8     | 21.9    | 0.24    | 0.98    | 0.22    | 61     | 0.21    | 0.052  |
| 1302821 | Soil    |      |     | 1.38    | 47.42   | 14.14   | 157.7   | 163     | 33.3    | 13.9    | 282     | 3.21    | 6.0     | 0.3    | 10.9    | 2.0     | 27.0    | 0.60    | 0.93    | 0.21    | 51     | 0.23    | 0.038  |
| 1302822 | Soil    |      |     | 2.49    | 19.26   | 14.71   | 107.6   | 963     | 22.6    | 7.6     | 175     | 2.96    | 9.7     | 0.5    | 1.6     | 3.0     | 9.5     | 0.74    | 1.02    | 0.21    | 78     | 0.07    | 0.031  |
| 1302823 | Soil    |      |     | 4.19    | 44.35   | 13.06   | 90.5    | 175     | 38.7    | 10.7    | 314     | 3.61    | 14.0    | 0.8    | 2.5     | 3.8     | 19.9    | 0.34    | 1.22    | 0.21    | 81     | 0.11    | 0.061  |
| 1302824 | Soil    |      |     | 4.66    | 35.90   | 11.90   | 117.4   | 247     | 24.4    | 11.2    | 411     | 3.02    | 8.1     | 0.8    | 0.8     | 2.3     | 35.2    | 0.38    | 0.83    | 0.19    | 67     | 0.54    | 0.227  |
| 1302825 | Soil    |      |     | 5.66    | 92.02   | 18.65   | 124.2   | 230     | 34.1    | 14.8    | 279     | 4.88    | 11.3    | 1.2    | 1.2     | 3.4     | 105.3   | 0.38    | 1.15    | 0.26    | 43     | 1.00    | 0.425  |
| 1302826 | Soil    |      |     | 2.57    | 64.89   | 13.80   | 120.4   | 103     | 32.7    | 16.1    | 244     | 4.71    | 7.7     | 0.7    | 1.0     | 3.2     | 16.0    | 0.25    | 0.89    | 0.26    | 56     | 0.17    | 0.102  |
| 1302827 | Soil    |      |     | 11.81   | 79.46   | 23.27   | 361.3   | 266     | 49.5    | 14.8    | 183     | 4.11    | 13.6    | 1.2    | 2.1     | 5.3     | 22.6    | 0.64    | 1.51    | 0.27    | 48     | 0.36    | 0.198  |
| 1302828 | Soil    |      |     | 6.23    | 42.73   | 18.07   | 315.7   | 298     | 28.6    | 10.5    | 223     | 3.13    | 9.7     | 1.0    | 1.8     | 3.0     | 30.9    | 1.63    | 0.89    | 0.18    | 63     | 0.36    | 0.117  |
| 1302829 | Soil    |      |     | 3.30    | 29.50   | 10.29   | 78.8    | 580     | 21.4    | 6.3     | 129     | 2.30    | 9.1     | 0.7    | 3.0     | 2.9     | 15.0    | 0.69    | 1.19    | 0.14    | 54     | 0.15    | 0.042  |
| 1302830 | Soil    |      |     | 7.60    | 28.51   | 13.10   | 136.6   | 324     | 29.5    | 10.0    | 237     | 2.60    | 11.4    | 0.9    | 1.6     | 3.3     | 14.0    | 1.00    | 2.22    | 0.16    | 58     | 0.17    | 0.069  |
| 1302901 | Soil    |      |     | 0.80    | 19.31   | 7.86    | 47.2    | 184     | 20.0    | 8.7     | 832     | 2.02    | 8.5     | 0.4    | 25.7    | 0.4     | 111.6   | 0.28    | 0.93    | 0.13    | 36     | 5.62    | 0.071  |
| 1302902 | Soil    |      |     | 5.56    | 40.34   | 23.75   | 68.1    | 388     | 31.4    | 10.1    | 328     | 2.98    | 12.0    | 1.2    | 2.3     | 2.3     | 23.5    | 0.25    | 1.89    | 0.22    | 41     | 0.32    | 0.089  |
| 1302903 | Soil    |      |     | 38.03   | 253.5   | 71.24   | 38.3    | 1300    | 38.7    | 6.3     | 299     | 4.27    | 33.3    | 11.4   | 15.2    | 4.4     | 133.2   | 0.51    | 4.33    | 0.30    | 395    | 1.53    | 0.866  |
| 1302904 | Soil    |      |     | 47.59   | 226.3   | 87.80   | 210.5   | 891     | 91.1    | 9.0     | 1474    | 6.33    | 29.7    | 8.4    | 46.0    | 5.0     | 127.6   | 1.08    | 5.16    | 0.38    | 361    | 1.79    | 0.765  |



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Project: FACE  
 Report Date: July 28, 2012

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CERTIFICATE OF ANALYSIS

DAW12000118.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302805 | Soil    | 5.5  | 25.3 | 0.34 | 150.8 | 0.006 | 1    | 1.96 | 0.004  | 0.09 | <0.1 | 2.4  | 0.14 | <0.02 | 18   | 0.2  | 0.04 | 5.3 |
| 1302806 | Soil    | 6.4  | 28.7 | 0.42 | 352.7 | 0.008 | 3    | 1.94 | 0.006  | 0.11 | <0.1 | 4.9  | 0.18 | <0.02 | 35   | 0.4  | 0.03 | 5.1 |
| 1302807 | Soil    | 4.4  | 25.6 | 0.13 | 349.4 | 0.008 | 2    | 1.31 | 0.037  | 0.24 | 0.1  | 2.2  | 0.48 | 0.72  | 177  | 2.7  | 0.20 | 5.1 |
| 1302808 | Soil    | 8.0  | 25.6 | 0.26 | 267.7 | 0.006 | 2    | 1.20 | 0.007  | 0.11 | <0.1 | 3.4  | 0.47 | 0.08  | 39   | 3.4  | 0.05 | 3.5 |
| 1302809 | Soil    | 8.4  | 20.6 | 0.22 | 128.0 | 0.015 | 1    | 1.14 | 0.005  | 0.07 | 0.1  | 1.9  | 0.13 | <0.02 | 14   | 0.4  | 0.04 | 5.2 |
| 1302810 | Soil    | 8.8  | 30.0 | 0.40 | 238.5 | 0.014 | 3    | 1.83 | 0.006  | 0.07 | 0.1  | 3.2  | 0.22 | <0.02 | 47   | 1.0  | 0.05 | 4.8 |
| 1302811 | Soil    | 6.0  | 22.0 | 0.47 | 511.6 | 0.008 | 3    | 1.60 | 0.006  | 0.14 | <0.1 | 5.7  | 0.15 | 0.03  | 52   | 0.3  | 0.02 | 4.6 |
| 1302812 | Soil    | 7.0  | 30.5 | 0.17 | 308.4 | 0.005 | 2    | 1.42 | 0.006  | 0.10 | 0.2  | 2.9  | 0.77 | 0.14  | 154  | 10.0 | 0.16 | 4.3 |
| 1302813 | Soil    | 9.4  | 20.7 | 0.25 | 304.3 | 0.009 | <1   | 1.34 | 0.011  | 0.07 | 0.2  | 2.6  | 0.26 | 0.10  | 58   | 0.6  | 0.06 | 4.8 |
| 1302814 | Soil    | 6.4  | 23.5 | 0.30 | 225.7 | 0.007 | 2    | 1.69 | 0.003  | 0.10 | 0.1  | 2.8  | 0.16 | <0.02 | 32   | 0.3  | 0.04 | 5.6 |
| 1302815 | Soil    | 13.8 | 51.5 | 0.12 | 387.8 | 0.004 | 10   | 1.16 | <0.001 | 0.28 | <0.1 | 5.3  | 0.56 | 0.07  | 811  | 7.5  | 0.33 | 4.6 |
| 1302816 | Soil    | 11.2 | 30.4 | 0.46 | 244.4 | 0.009 | 1    | 1.69 | 0.002  | 0.09 | 0.1  | 3.0  | 0.15 | <0.02 | 34   | 0.4  | 0.05 | 6.3 |
| 1302817 | Soil    | 17.9 | 65.0 | 0.20 | 447.6 | 0.014 | 11   | 1.49 | 0.001  | 0.30 | 0.2  | 3.8  | 0.44 | 0.05  | 339  | 11.6 | 0.51 | 6.3 |
| 1302818 | Soil    | 6.9  | 24.5 | 0.23 | 318.8 | 0.007 | 1    | 2.03 | 0.001  | 0.05 | 0.1  | 5.2  | 0.17 | 0.02  | 81   | 1.7  | 0.08 | 4.3 |
| 1302819 | Soil    | 8.9  | 31.1 | 0.40 | 656.8 | 0.022 | 1    | 2.20 | 0.003  | 0.06 | 0.2  | 3.0  | 0.18 | 0.04  | 67   | 0.5  | 0.08 | 7.0 |
| 1302820 | Soil    | 10.4 | 32.6 | 0.51 | 874.3 | 0.023 | 2    | 2.08 | 0.005  | 0.10 | 0.2  | 4.5  | 0.23 | 0.03  | 43   | 0.6  | 0.04 | 6.9 |
| 1302821 | Soil    | 6.6  | 26.6 | 0.40 | 862.8 | 0.008 | 2    | 1.86 | 0.003  | 0.10 | <0.1 | 2.8  | 0.15 | <0.02 | 35   | 0.4  | 0.05 | 6.5 |
| 1302822 | Soil    | 9.4  | 28.7 | 0.36 | 218.9 | 0.029 | <1   | 1.83 | 0.004  | 0.06 | 0.2  | 2.9  | 0.17 | <0.02 | 37   | 0.6  | 0.04 | 6.3 |
| 1302823 | Soil    | 9.0  | 35.1 | 0.46 | 423.1 | 0.031 | 1    | 2.40 | 0.004  | 0.05 | 0.2  | 3.3  | 0.16 | 0.04  | 58   | 1.6  | 0.09 | 5.9 |
| 1302824 | Soil    | 11.9 | 24.3 | 0.30 | 416.3 | 0.018 | 2    | 1.52 | 0.007  | 0.08 | 0.1  | 3.0  | 0.15 | <0.02 | 26   | 0.8  | 0.05 | 5.4 |
| 1302825 | Soil    | 19.5 | 25.1 | 0.39 | 647.5 | 0.005 | 4    | 1.64 | 0.008  | 0.20 | <0.1 | 5.2  | 0.22 | 0.10  | 43   | 1.3  | 0.06 | 4.6 |
| 1302826 | Soil    | 15.8 | 24.8 | 0.34 | 346.4 | 0.013 | 2    | 1.66 | 0.003  | 0.09 | 0.1  | 5.0  | 0.15 | <0.02 | 26   | 2.7  | 0.07 | 4.8 |
| 1302827 | Soil    | 24.9 | 18.7 | 0.18 | 244.6 | 0.005 | 2    | 1.26 | 0.002  | 0.10 | <0.1 | 4.6  | 0.18 | <0.02 | 63   | 5.0  | 0.09 | 3.4 |
| 1302828 | Soil    | 16.5 | 22.9 | 0.25 | 926.8 | 0.014 | 1    | 1.39 | 0.004  | 0.06 | 0.1  | 4.0  | 0.14 | 0.03  | 42   | 1.1  | 0.04 | 4.5 |
| 1302829 | Soil    | 11.0 | 24.6 | 0.36 | 215.6 | 0.022 | 1    | 1.45 | 0.004  | 0.04 | 0.2  | 2.6  | 0.16 | <0.02 | 81   | 1.0  | 0.05 | 4.3 |
| 1302830 | Soil    | 14.4 | 25.0 | 0.35 | 249.8 | 0.020 | 2    | 1.37 | 0.003  | 0.06 | 0.1  | 2.8  | 0.17 | <0.02 | 57   | 1.8  | 0.05 | 4.3 |
| 1302901 | Soil    | 10.6 | 19.1 | 0.33 | 162.1 | 0.018 | 3    | 1.00 | 0.011  | 0.04 | 0.2  | 1.4  | 0.08 | 0.08  | 81   | 0.6  | 0.02 | 3.0 |
| 1302902 | Soil    | 6.9  | 18.0 | 0.28 | 283.2 | 0.009 | 2    | 1.03 | 0.004  | 0.13 | <0.1 | 2.4  | 0.15 | 0.03  | 34   | 1.2  | 0.06 | 3.3 |
| 1302903 | Soil    | 17.5 | 45.3 | 0.12 | 318.8 | 0.010 | 4    | 2.29 | 0.004  | 0.23 | 0.2  | 4.7  | 0.60 | 0.23  | 205  | 8.3  | 0.54 | 5.0 |
| 1302904 | Soil    | 15.3 | 59.2 | 0.17 | 657.5 | 0.004 | 3    | 2.03 | 0.007  | 0.24 | 0.2  | 6.1  | 0.64 | 0.22  | 254  | 6.5  | 0.31 | 5.7 |

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 Report Date: July 28, 2012

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CERTIFICATE OF ANALYSIS

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| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302905 | Soil | 9.11  | 39.42 | 22.53 | 152.9 | 328  | 40.5  | 11.2 | 421  | 3.88 | 12.9 | 1.6  | 3.4  | 2.5  | 76.8 | 2.18 | 0.24  | 76   | 0.67 | 0.082 |       |
| 1302906 | Soil | 2.26  | 23.35 | 13.31 | 61.5  | 241  | 16.0  | 6.8  | 205  | 2.33 | 6.6  | 0.6  | 3.3  | 0.8  | 29.0 | 0.39 | 0.59  | 0.21 | 65   | 0.13  | 0.083 |
| 1302907 | Soil | 3.71  | 44.36 | 18.35 | 178.0 | 344  | 39.7  | 8.6  | 233  | 2.73 | 11.3 | 1.2  | 3.7  | 3.2  | 55.2 | 0.69 | 1.23  | 0.16 | 52   | 0.23  | 0.087 |
| 1302908 | Soil | 53.55 | 54.61 | 19.95 | 492.8 | 1585 | 102.9 | 6.7  | 111  | 2.11 | 32.5 | 5.2  | 2.2  | 1.9  | 88.1 | 6.38 | 10.53 | 0.19 | 866  | 0.62  | 0.085 |
| 1302909 | Soil | 5.85  | 44.74 | 20.49 | 134.5 | 905  | 38.4  | 10.8 | 351  | 2.64 | 11.3 | 1.7  | 5.7  | 1.7  | 60.4 | 1.12 | 0.77  | 0.14 | 28   | 2.00  | 0.198 |
| 1302910 | Soil | 2.51  | 19.91 | 14.21 | 76.8  | 255  | 27.6  | 9.6  | 240  | 3.11 | 12.0 | 0.5  | 1.5  | 3.5  | 10.8 | 0.24 | 0.95  | 0.20 | 68   | 0.11  | 0.039 |
| 1302911 | Soil | 2.89  | 19.66 | 24.59 | 57.8  | 87   | 22.9  | 9.4  | 193  | 3.86 | 9.9  | 0.3  | 0.5  | 2.7  | 7.7  | 0.13 | 0.61  | 0.21 | 59   | 0.06  | 0.044 |
| 1302912 | Soil | 2.32  | 13.74 | 16.87 | 42.4  | 64   | 19.4  | 6.1  | 102  | 2.00 | 7.1  | 0.4  | 0.7  | 1.7  | 9.3  | 0.12 | 0.47  | 0.17 | 56   | 0.11  | 0.032 |
| 1302913 | Soil | 5.26  | 24.57 | 21.10 | 65.9  | 203  | 25.0  | 8.3  | 158  | 2.47 | 10.6 | 0.9  | 1.8  | 2.9  | 16.2 | 0.20 | 0.63  | 0.14 | 50   | 0.38  | 0.056 |
| 1302914 | Soil | 2.05  | 19.86 | 15.66 | 64.2  | 140  | 31.0  | 12.2 | 244  | 2.97 | 11.2 | 0.6  | 3.3  | 4.7  | 12.4 | 0.15 | 0.87  | 0.17 | 61   | 0.12  | 0.029 |
| 1302915 | Soil | 2.11  | 19.09 | 13.41 | 57.6  | 127  | 20.1  | 7.2  | 195  | 3.64 | 11.6 | 0.4  | 1.0  | 2.4  | 8.3  | 0.15 | 0.91  | 0.23 | 68   | 0.08  | 0.044 |
| 1302916 | Soil | 1.85  | 26.93 | 22.76 | 75.3  | 59   | 33.5  | 16.4 | 515  | 3.23 | 8.3  | 0.5  | 1.0  | 3.2  | 12.2 | 0.11 | 0.55  | 0.35 | 46   | 0.16  | 0.043 |
| 1302917 | Soil | 1.97  | 21.08 | 12.26 | 51.4  | 59   | 18.8  | 8.9  | 235  | 2.76 | 9.3  | 0.5  | 1.8  | 3.8  | 8.1  | 0.11 | 0.90  | 0.31 | 63   | 0.08  | 0.020 |
| 1302918 | Soil | 2.04  | 18.87 | 11.62 | 70.9  | 66   | 26.2  | 10.5 | 206  | 3.02 | 11.9 | 0.5  | 1.0  | 3.7  | 10.6 | 0.20 | 0.99  | 0.28 | 62   | 0.10  | 0.027 |
| 1302919 | Soil | 2.41  | 15.82 | 16.40 | 57.7  | 135  | 18.9  | 8.2  | 213  | 3.02 | 11.7 | 0.6  | 1.1  | 2.9  | 10.9 | 0.21 | 0.97  | 0.23 | 71   | 0.09  | 0.034 |
| 1302920 | Soil | 1.82  | 18.96 | 13.94 | 82.2  | 119  | 20.9  | 10.0 | 950  | 2.67 | 9.0  | 0.5  | 1.0  | 3.1  | 13.3 | 0.40 | 0.76  | 0.22 | 63   | 0.15  | 0.068 |
| 1302921 | Soil | 1.64  | 20.70 | 16.63 | 95.0  | 108  | 21.8  | 10.1 | 549  | 2.83 | 9.4  | 0.5  | 0.8  | 3.0  | 15.9 | 0.39 | 0.77  | 0.24 | 63   | 0.18  | 0.068 |
| 1302922 | Soil | 1.47  | 26.63 | 16.02 | 75.7  | 126  | 23.3  | 10.3 | 198  | 2.86 | 7.3  | 0.5  | 2.1  | 3.5  | 9.6  | 0.23 | 0.66  | 0.23 | 49   | 0.10  | 0.030 |
| 1302951 | Soil | 3.59  | 31.28 | 15.64 | 76.2  | 273  | 24.1  | 9.6  | 351  | 3.54 | 12.9 | 0.6  | 0.7  | 0.9  | 21.7 | 0.41 | 1.25  | 0.25 | 59   | 0.19  | 0.130 |
| 1302952 | Soil | 1.78  | 38.27 | 21.18 | 81.9  | 101  | 33.1  | 17.3 | 1386 | 3.25 | 11.0 | 0.7  | 0.6  | 3.3  | 22.8 | 0.22 | 0.71  | 0.32 | 44   | 0.26  | 0.079 |
| 1302953 | Soil | 1.52  | 25.08 | 12.30 | 67.8  | 57   | 31.9  | 15.0 | 277  | 2.93 | 20.8 | 0.6  | 1.1  | 4.2  | 8.4  | 0.16 | 0.77  | 0.29 | 44   | 0.06  | 0.017 |
| 1302954 | Soil | 2.46  | 24.81 | 10.82 | 55.5  | 103  | 24.8  | 16.4 | 794  | 2.23 | 41.5 | 1.6  | 0.6  | 3.1  | 5.1  | 0.06 | 0.33  | 0.66 | 9    | 0.03  | 0.025 |
| 1302955 | Soil | 1.29  | 17.17 | 6.35  | 37.1  | 31   | 11.6  | 6.4  | 349  | 3.16 | 8.1  | 0.4  | 0.9  | 2.6  | 8.2  | 0.11 | 0.59  | 0.26 | 50   | 0.07  | 0.029 |
| 1302956 | Soil | 1.72  | 15.73 | 10.95 | 49.2  | 58   | 19.7  | 7.6  | 213  | 3.11 | 9.6  | 0.5  | 1.0  | 3.8  | 8.5  | 0.07 | 0.88  | 0.22 | 69   | 0.07  | 0.022 |
| 1302957 | Soil | 1.39  | 15.74 | 7.65  | 65.3  | 51   | 18.7  | 18.9 | 1614 | 3.03 | 11.7 | 0.5  | 0.8  | 2.6  | 12.2 | 0.10 | 0.44  | 0.28 | 46   | 0.13  | 0.038 |
| 1302958 | Soil | 1.44  | 11.38 | 5.81  | 49.5  | 38   | 16.7  | 9.5  | 930  | 2.86 | 5.9  | 0.5  | 0.4  | 1.1  | 7.2  | 0.10 | 0.60  | 0.17 | 45   | 0.06  | 0.053 |
| 1302959 | Soil | 1.68  | 25.62 | 12.13 | 39.6  | 118  | 19.0  | 8.6  | 448  | 2.99 | 8.2  | 0.9  | 1.1  | 2.0  | 10.1 | 0.22 | 0.57  | 0.33 | 55   | 0.08  | 0.063 |
| 1302960 | Soil | 1.03  | 9.15  | 5.32  | 52.2  | 37   | 19.7  | 9.6  | 339  | 3.85 | 4.5  | 0.5  | 0.2  | 3.0  | 8.5  | 0.12 | 0.57  | 0.25 | 32   | 0.06  | 0.046 |
| 1302961 | Soil | 0.97  | 21.52 | 7.65  | 42.4  | 50   | 21.9  | 14.4 | 410  | 3.27 | 11.3 | 0.8  | 0.2  | 3.1  | 6.5  | 0.08 | 0.45  | 0.24 | 27   | 0.04  | 0.029 |
| 1302962 | Soil | 0.72  | 32.85 | 5.44  | 34.7  | 33   | 19.6  | 16.2 | 475  | 2.66 | 38.0 | 0.5  | 0.6  | 3.5  | 8.6  | 0.04 | 0.39  | 0.54 | 10   | 0.05  | 0.020 |



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Project: FACE  
 Report Date: July 28, 2012

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

DAW12000118.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1302905 | Soil    | 7.0  | 24.2 | 0.26 | 713.4 | 0.026  | 2    | 1.47 | 0.008  | 0.08 | 0.2  | 2.9  | 0.25 | 0.06  | 115  | 0.8  | 0.07  | 5.6 |
| 1302906 | Soil    | 9.3  | 25.4 | 0.26 | 682.9 | 0.022  | <1   | 1.48 | 0.007  | 0.05 | 0.2  | 2.1  | 0.16 | 0.06  | 41   | 0.5  | 0.04  | 6.5 |
| 1302907 | Soil    | 8.4  | 26.4 | 0.36 | 424.9 | 0.029  | 2    | 1.44 | 0.007  | 0.06 | 0.2  | 3.5  | 0.18 | 0.07  | 183  | 1.5  | 0.05  | 3.9 |
| 1302908 | Soil    | 21.6 | 56.9 | 0.14 | 556.7 | 0.008  | 2    | 1.55 | <0.001 | 0.05 | 0.4  | 4.7  | 0.87 | 0.03  | 549  | 2.5  | 0.24  | 4.8 |
| 1302909 | Soil    | 30.1 | 22.0 | 0.30 | 264.9 | 0.006  | 4    | 0.80 | 0.006  | 0.10 | <0.1 | 5.6  | 0.20 | 0.08  | 246  | 1.3  | 0.03  | 2.6 |
| 1302910 | Soil    | 9.9  | 37.3 | 0.43 | 145.1 | 0.032  | 1    | 2.09 | 0.003  | 0.07 | 0.2  | 2.9  | 0.17 | <0.02 | 47   | 0.5  | 0.04  | 5.6 |
| 1302911 | Soil    | 11.1 | 29.8 | 0.40 | 89.5  | 0.016  | 1    | 1.63 | 0.001  | 0.07 | 0.1  | 2.9  | 0.15 | <0.02 | 32   | 0.4  | 0.05  | 6.4 |
| 1302912 | Soil    | 13.4 | 22.6 | 0.14 | 134.8 | 0.020  | <1   | 0.91 | 0.002  | 0.05 | 0.1  | 1.8  | 0.13 | <0.02 | 43   | 0.3  | 0.05  | 5.2 |
| 1302913 | Soil    | 15.2 | 28.3 | 0.27 | 174.2 | 0.011  | 1    | 1.26 | 0.005  | 0.06 | <0.1 | 2.7  | 0.15 | <0.02 | 30   | 0.5  | 0.03  | 4.2 |
| 1302914 | Soil    | 11.2 | 38.1 | 0.49 | 144.9 | 0.038  | 1    | 2.07 | 0.004  | 0.06 | 0.1  | 3.7  | 0.14 | <0.02 | 46   | 0.5  | 0.03  | 5.0 |
| 1302915 | Soil    | 9.8  | 27.9 | 0.35 | 80.8  | 0.034  | 1    | 1.48 | 0.002  | 0.06 | 0.2  | 2.4  | 0.15 | <0.02 | 35   | 0.5  | 0.05  | 6.3 |
| 1302916 | Soil    | 6.9  | 34.1 | 0.39 | 306.7 | 0.011  | 4    | 2.17 | 0.006  | 0.13 | <0.1 | 3.7  | 0.16 | <0.02 | 54   | 0.3  | 0.03  | 5.9 |
| 1302917 | Soil    | 9.4  | 28.6 | 0.35 | 172.0 | 0.023  | 1    | 1.94 | 0.004  | 0.05 | 0.1  | 3.0  | 0.13 | <0.02 | 18   | 0.1  | 0.06  | 6.2 |
| 1302918 | Soil    | 8.7  | 30.5 | 0.39 | 158.4 | 0.030  | 2    | 2.05 | 0.003  | 0.07 | 0.2  | 2.9  | 0.13 | <0.02 | 34   | 0.2  | 0.05  | 6.2 |
| 1302919 | Soil    | 10.3 | 31.1 | 0.36 | 133.4 | 0.027  | <1   | 1.80 | 0.003  | 0.04 | 0.2  | 2.7  | 0.14 | <0.02 | 18   | 0.3  | 0.07  | 5.6 |
| 1302920 | Soil    | 10.3 | 29.1 | 0.41 | 218.0 | 0.021  | <1   | 1.66 | 0.004  | 0.05 | 0.2  | 2.8  | 0.12 | <0.02 | 16   | 0.1  | 0.03  | 5.5 |
| 1302921 | Soil    | 10.6 | 30.3 | 0.48 | 270.8 | 0.017  | 2    | 1.90 | 0.002  | 0.07 | 0.2  | 3.2  | 0.14 | <0.02 | 21   | 0.2  | 0.05  | 6.4 |
| 1302922 | Soil    | 11.4 | 27.9 | 0.50 | 143.4 | 0.010  | 2    | 1.59 | 0.002  | 0.09 | <0.1 | 3.0  | 0.13 | <0.02 | 23   | 0.3  | 0.05  | 5.2 |
| 1302951 | Soil    | 12.4 | 22.7 | 0.27 | 204.3 | 0.023  | 1    | 1.17 | 0.005  | 0.08 | 0.1  | 2.3  | 0.12 | 0.04  | 30   | 0.4  | 0.08  | 4.8 |
| 1302952 | Soil    | 46.2 | 32.1 | 0.51 | 308.1 | 0.014  | 2    | 2.03 | 0.006  | 0.10 | 0.1  | 4.9  | 0.13 | 0.04  | 70   | 0.3  | 0.04  | 5.4 |
| 1302953 | Soil    | 8.9  | 29.6 | 0.48 | 205.3 | 0.020  | 1    | 2.06 | 0.002  | 0.05 | 0.1  | 3.0  | 0.10 | <0.02 | 36   | 0.2  | <0.02 | 4.7 |
| 1302954 | Soil    | 4.2  | 8.6  | 0.08 | 124.7 | <0.001 | 1    | 0.78 | 0.002  | 0.07 | <0.1 | 2.6  | 0.07 | <0.02 | 41   | 0.1  | 0.05  | 1.5 |
| 1302955 | Soil    | 6.8  | 19.9 | 0.18 | 171.6 | 0.009  | <1   | 1.60 | 0.005  | 0.06 | <0.1 | 2.4  | 0.11 | <0.02 | 29   | <0.1 | 0.03  | 6.6 |
| 1302956 | Soil    | 9.4  | 29.9 | 0.34 | 235.3 | 0.023  | <1   | 2.30 | 0.003  | 0.04 | 0.2  | 2.9  | 0.13 | <0.02 | 33   | <0.1 | 0.05  | 6.7 |
| 1302957 | Soil    | 7.3  | 25.3 | 0.35 | 378.2 | 0.012  | 1    | 1.83 | 0.004  | 0.05 | <0.1 | 2.6  | 0.11 | <0.02 | 33   | 0.3  | 0.06  | 6.2 |
| 1302958 | Soil    | 6.7  | 22.4 | 0.26 | 227.0 | 0.013  | 1    | 1.17 | 0.001  | 0.06 | 0.1  | 1.6  | 0.07 | 0.02  | 50   | 0.2  | 0.04  | 5.7 |
| 1302959 | Soil    | 10.2 | 30.0 | 0.29 | 240.8 | 0.011  | 1    | 2.05 | 0.002  | 0.06 | 0.1  | 2.7  | 0.17 | <0.02 | 47   | 0.2  | <0.02 | 6.7 |
| 1302960 | Soil    | 4.1  | 22.4 | 0.34 | 168.9 | 0.006  | 1    | 1.42 | 0.002  | 0.05 | <0.1 | 1.8  | 0.08 | <0.02 | 46   | 0.3  | 0.04  | 5.2 |
| 1302961 | Soil    | 5.4  | 19.7 | 0.26 | 137.2 | 0.006  | <1   | 1.23 | 0.002  | 0.05 | <0.1 | 2.7  | 0.08 | <0.02 | 54   | 0.2  | 0.05  | 3.7 |
| 1302962 | Soil    | 4.6  | 12.6 | 0.22 | 353.3 | <0.001 | 1    | 1.08 | 0.006  | 0.07 | <0.1 | 2.6  | 0.06 | <0.02 | 29   | <0.1 | 0.04  | 2.8 |



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 Report Date: July 28, 2012

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CERTIFICATE OF ANALYSIS

DAW12000118.1

| Method  | Analyte | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  |       |
|---------|---------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|-------|-------|
|         |         | Mo   | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca    | P     |
| Unit    |         | ppm  | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm   | ppm   | %    | %     |       |
| MDL     |         | 0.01 | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 | 0.001 |       |
| 1302963 | Soil    | 3.47 | 37.04 | 24.34 | 71.9  | 350  | 26.9 | 13.4 | 509  | 3.22 | 18.8 | 1.1  | 5.1  | 1.5  | 23.2 | 0.22  | 0.88  | 0.34  | 32   | 0.09  | 0.086 |
| 1302964 | Soil    | 3.14 | 41.37 | 9.09  | 110.1 | 165  | 19.1 | 10.8 | 150  | 3.16 | 5.6  | 0.6  | 1.8  | 0.9  | 9.1  | 0.19  | 0.81  | 0.24  | 56   | 0.07  | 0.056 |
| 1302965 | Soil    | 2.80 | 24.73 | 13.14 | 75.1  | 403  | 27.5 | 10.1 | 204  | 2.76 | 12.3 | 0.9  | 3.0  | 4.8  | 11.9 | 0.77  | 1.44  | 0.16  | 73   | 0.09  | 0.030 |
| 1302966 | Soil    | 3.42 | 23.17 | 14.97 | 83.6  | 126  | 27.1 | 8.7  | 228  | 3.14 | 12.3 | 0.6  | 1.7  | 3.2  | 27.4 | 0.32  | 1.16  | 0.22  | 83   | 0.14  | 0.061 |
| 1302967 | Soil    | 0.04 | 5.06  | 0.35  | 5.0   | 16   | 1.1  | 1.1  | 25   | 0.32 | 0.4  | <0.1 | <0.2 | 0.1  | 12.7 | <0.01 | 0.02  | <0.02 | 10   | 0.11  | 0.027 |
| 1301051 | Soil    | 1.33 | 16.79 | 7.83  | 52.4  | 68   | 19.5 | 9.4  | 223  | 3.10 | 7.7  | 0.5  | 5.3  | 3.4  | 7.1  | 0.10  | 0.61  | 0.19  | 55   | 0.06  | 0.025 |
| 1301052 | Soil    | 1.65 | 34.20 | 12.74 | 61.3  | 37   | 27.8 | 17.3 | 246  | 3.04 | 37.6 | 0.5  | 1.0  | 3.5  | 8.0  | 0.09  | 0.65  | 0.64  | 40   | 0.05  | 0.020 |
| 1301053 | Soil    | 1.78 | 23.38 | 9.61  | 64.4  | 38   | 27.0 | 11.2 | 246  | 3.35 | 14.8 | 0.7  | 4.9  | 4.5  | 9.5  | 0.06  | 0.90  | 0.31  | 55   | 0.09  | 0.027 |
| 1301054 | Soil    | 1.35 | 19.52 | 10.74 | 80.3  | 56   | 23.7 | 16.8 | 706  | 4.14 | 24.2 | 0.6  | 0.9  | 3.2  | 9.9  | 0.14  | 0.56  | 0.29  | 51   | 0.09  | 0.033 |
| 1301055 | Soil    | 1.61 | 18.24 | 8.85  | 56.2  | 37   | 23.3 | 9.4  | 244  | 2.78 | 7.4  | 0.6  | 0.6  | 4.5  | 8.5  | 0.06  | 0.72  | 0.17  | 55   | 0.07  | 0.017 |
| 1301056 | Soil    | 0.24 | 16.32 | 2.52  | 54.9  | 15   | 25.8 | 15.9 | 186  | 2.80 | 0.7  | 0.3  | <0.2 | 3.0  | 3.9  | 0.02  | 0.22  | 0.08  | 15   | 0.03  | 0.008 |
| 1301057 | Soil    | 1.78 | 24.01 | 11.60 | 53.3  | 52   | 25.6 | 10.5 | 244  | 2.89 | 10.9 | 0.8  | 1.4  | 5.4  | 10.7 | 0.07  | 0.93  | 0.21  | 62   | 0.08  | 0.016 |
| 1301058 | Soil    | 1.20 | 12.69 | 8.40  | 24.8  | 27   | 10.1 | 5.0  | 157  | 1.96 | 5.3  | 0.4  | 0.9  | 2.0  | 13.0 | 0.05  | 0.41  | 0.16  | 46   | 0.11  | 0.026 |
| 1301059 | Soil    | 1.85 | 42.44 | 11.03 | 54.7  | 36   | 27.3 | 14.0 | 309  | 2.80 | 14.8 | 1.1  | 6.1  | 7.2  | 10.2 | 0.07  | 0.99  | 0.28  | 56   | 0.08  | 0.020 |
| 1301060 | Soil    | 1.57 | 25.05 | 12.64 | 58.4  | 83   | 24.4 | 12.4 | 527  | 2.88 | 10.7 | 1.2  | 2.7  | 6.1  | 9.2  | 0.06  | 0.88  | 0.23  | 54   | 0.06  | 0.017 |
| 1302831 | Soil    | 0.04 | 4.84  | 0.26  | 5.1   | 12   | 1.0  | 1.0  | 24   | 0.32 | 0.3  | <0.1 | <0.2 | <0.1 | 13.6 | <0.01 | <0.02 | <0.02 | 11   | 0.10  | 0.028 |



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# CERTIFICATE OF ANALYSIS

DAW12000118.1

|         | Method | 1F15    |      |      |       |       |      |       |        |      |      |      |       |       |     |      |       |     |
|---------|--------|---------|------|------|-------|-------|------|-------|--------|------|------|------|-------|-------|-----|------|-------|-----|
|         |        | Analyte |      |      |       |       |      |       |        |      |      |      |       |       |     |      |       |     |
|         |        | La      | Cr   | Mg   | Ba    | Ti    | B    | Al    | Na     | K    | W    | Sc   | Tl    | S     | Hg  | Se   | Te    | Ga  |
|         |        | ppm     | ppm  | %    | ppm   | %     | ppm  | %     | %      | %    | ppm  | ppm  | ppm   | %     | ppb | ppm  | ppm   | ppm |
| MDL     | 0.5    | 0.5     | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02  | 5     | 0.1 | 0.02 | 0.1   |     |
| 1302963 | Soil   | 16.4    | 24.9 | 0.24 | 165.0 | 0.008 | 3    | 1.20  | 0.007  | 0.09 | <0.1 | 2.2  | 0.13  | 0.05  | 99  | 0.6  | 0.09  | 4.0 |
| 1302964 | Soil   | 23.5    | 16.9 | 0.14 | 222.4 | 0.016 | 1    | 1.06  | 0.003  | 0.06 | <0.1 | 2.0  | 0.15  | 0.02  | 40  | 0.2  | 0.04  | 5.5 |
| 1302965 | Soil   | 12.0    | 36.5 | 0.49 | 226.0 | 0.038 | 1    | 2.34  | 0.003  | 0.04 | 0.2  | 3.6  | 0.13  | <0.02 | 64  | 0.7  | <0.02 | 5.2 |
| 1302966 | Soil   | 9.4     | 35.2 | 0.42 | 452.5 | 0.029 | 2    | 2.30  | 0.005  | 0.08 | 0.2  | 3.6  | 0.14  | 0.04  | 23  | 0.3  | 0.06  | 6.7 |
| 1302967 | Soil   | 1.3     | 1.3  | 0.03 | 13.7  | 0.019 | <1   | 0.14  | 0.081  | 0.03 | <0.1 | 0.5  | <0.02 | <0.02 | <5  | <0.1 | <0.02 | 0.6 |
| 1301051 | Soil   | 8.0     | 29.2 | 0.32 | 194.9 | 0.016 | <1   | 2.20  | <0.001 | 0.05 | 0.1  | 2.8  | 0.12  | <0.02 | 23  | 0.1  | 0.05  | 6.1 |
| 1301052 | Soil   | 6.5     | 27.3 | 0.41 | 133.8 | 0.011 | <1   | 2.11  | 0.006  | 0.05 | <0.1 | 2.7  | 0.10  | <0.02 | 24  | 0.2  | 0.02  | 5.9 |
| 1301053 | Soil   | 11.0    | 34.5 | 0.45 | 210.4 | 0.022 | 1    | 2.33  | 0.003  | 0.05 | 0.2  | 3.5  | 0.14  | <0.02 | 25  | 0.4  | 0.08  | 6.5 |
| 1301054 | Soil   | 7.3     | 33.4 | 0.46 | 209.4 | 0.010 | <1   | 2.38  | 0.002  | 0.04 | 0.1  | 3.0  | 0.12  | <0.02 | 26  | 0.2  | <0.02 | 7.3 |
| 1301055 | Soil   | 10.3    | 32.1 | 0.41 | 259.6 | 0.022 | 1    | 2.08  | 0.003  | 0.05 | 0.1  | 3.3  | 0.13  | <0.02 | 24  | <0.1 | <0.02 | 5.9 |
| 1301056 | Soil   | 2.2     | 17.6 | 0.45 | 184.5 | 0.001 | 1    | 1.68  | <0.001 | 0.13 | <0.1 | 1.9  | 0.08  | <0.02 | 8   | <0.1 | 0.05  | 4.3 |
| 1301057 | Soil   | 11.8    | 37.6 | 0.43 | 232.0 | 0.034 | 1    | 2.32  | 0.003  | 0.04 | 0.1  | 4.1  | 0.13  | <0.02 | 45  | 0.2  | 0.03  | 5.9 |
| 1301058 | Soil   | 8.6     | 18.2 | 0.20 | 249.5 | 0.018 | <1   | 1.26  | 0.009  | 0.04 | 0.1  | 1.8  | 0.09  | <0.02 | 18  | <0.1 | 0.03  | 5.5 |
| 1301059 | Soil   | 11.3    | 41.1 | 0.49 | 198.5 | 0.041 | 2    | 2.47  | 0.003  | 0.05 | 0.1  | 5.2  | 0.12  | <0.02 | 53  | 0.3  | 0.03  | 5.3 |
| 1301060 | Soil   | 11.8    | 34.2 | 0.41 | 195.2 | 0.028 | 1    | 2.08  | 0.003  | 0.05 | 0.1  | 4.7  | 0.13  | <0.02 | 36  | 0.1  | 0.06  | 5.4 |
| 1302831 | Soil   | 1.2     | 1.0  | 0.02 | 12.8  | 0.020 | <1   | 0.13  | 0.085  | 0.03 | <0.1 | 0.4  | <0.02 | <0.02 | 6   | <0.1 | <0.02 | 0.7 |



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Project: FACE  
 Report Date: July 28, 2012

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# QUALITY CONTROL REPORT

DAW12000118.1

| Method              | 1F15     | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |        |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   | P      |        |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    | %      |        |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 | 0.001  |        |
| Pulp Duplicates     |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| 1302810             | Soil     | 3.51  | 23.10 | 14.26 | 105.8 | 248  | 25.8 | 11.9 | 347  | 2.96  | 11.2 | 0.7  | 3.9   | 3.5  | 11.4 | 0.51  | 1.11  | 0.15  | 62   | 0.13   | 0.043  |
| REP 1302810         | QC       | 3.66  | 23.70 | 14.94 | 109.6 | 270  | 26.8 | 12.2 | 357  | 3.05  | 11.8 | 0.7  | 3.3   | 3.6  | 11.8 | 0.50  | 1.19  | 0.16  | 64   | 0.13   | 0.045  |
| 1302826             | Soil     | 2.57  | 64.89 | 13.80 | 120.4 | 103  | 32.7 | 16.1 | 244  | 4.71  | 7.7  | 0.7  | 1.0   | 3.2  | 16.0 | 0.25  | 0.89  | 0.26  | 56   | 0.17   | 0.102  |
| REP 1302826         | QC       | 2.61  | 65.22 | 13.81 | 124.6 | 102  | 31.9 | 15.9 | 246  | 4.71  | 7.7  | 0.7  | 1.2   | 3.2  | 17.5 | 0.26  | 0.90  | 0.26  | 56   | 0.17   | 0.106  |
| 1302916             | Soil     | 1.85  | 26.93 | 22.76 | 75.3  | 59   | 33.5 | 16.4 | 515  | 3.23  | 8.3  | 0.5  | 1.0   | 3.2  | 12.2 | 0.11  | 0.55  | 0.35  | 46   | 0.16   | 0.043  |
| REP 1302916         | QC       | 1.77  | 27.45 | 22.11 | 80.2  | 53   | 33.0 | 17.1 | 530  | 3.32  | 8.7  | 0.6  | <0.2  | 3.5  | 12.6 | 0.13  | 0.63  | 0.36  | 48   | 0.16   | 0.045  |
| 1302960             | Soil     | 1.03  | 9.15  | 5.32  | 52.2  | 37   | 19.7 | 9.6  | 339  | 3.85  | 4.5  | 0.5  | 0.2   | 3.0  | 8.5  | 0.12  | 0.57  | 0.25  | 32   | 0.06   | 0.046  |
| REP 1302960         | QC       | 1.03  | 8.88  | 5.59  | 52.7  | 41   | 19.7 | 10.2 | 339  | 3.92  | 4.4  | 0.5  | <0.2  | 3.1  | 8.6  | 0.12  | 0.59  | 0.25  | 32   | 0.06   | 0.046  |
| 1302831             | Soil     | 0.04  | 4.84  | 0.26  | 5.1   | 12   | 1.0  | 1.0  | 24   | 0.32  | 0.3  | <0.1 | <0.2  | <0.1 | 13.6 | <0.01 | <0.02 | <0.02 | 11   | 0.10   | 0.028  |
| REP 1302831         | QC       | 0.02  | 4.84  | 0.24  | 4.7   | 12   | 0.8  | 0.9  | 20   | 0.26  | 0.2  | <0.1 | <0.2  | <0.1 | 13.2 | <0.01 | <0.02 | <0.02 | 9    | 0.10   | 0.027  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| STD DS9             | Standard | 14.07 | 115.0 | 126.2 | 316.9 | 1982 | 42.2 | 8.0  | 623  | 2.39  | 26.7 | 2.6  | 130.9 | 5.7  | 67.8 | 2.51  | 5.49  | 5.89  | 41   | 0.76   | 0.087  |
| STD DS9             | Standard | 14.13 | 120.9 | 132.8 | 319.3 | 1813 | 43.7 | 8.1  | 602  | 2.34  | 26.0 | 3.3  | 118.7 | 7.6  | 75.5 | 2.68  | 6.26  | 7.43  | 39   | 0.72   | 0.084  |
| STD DS9             | Standard | 13.75 | 110.0 | 120.8 | 305.8 | 1941 | 42.6 | 7.9  | 578  | 2.28  | 23.9 | 2.5  | 131.2 | 5.9  | 68.8 | 2.18  | 5.45  | 6.16  | 38   | 0.72   | 0.080  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | 0.07  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | 3    | <0.01 | 0.1  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | 0.04  | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.08  | <0.01 | <0.1  | 4    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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Project: FACE  
 Report Date: July 28, 2012

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000118.1

| Method              | 1F15     | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|----------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | La       | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | ppm      | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302810             | Soil     | 8.8  | 30.0  | 0.40   | 238.5 | 0.014  | 3    | 1.83   | 0.006  | 0.07  | 0.1  | 3.2  | 0.22  | <0.02  | 47   | 1.0  | 0.05  | 4.8  |
| REP 1302810         | QC       | 9.3  | 30.0  | 0.42   | 245.0 | 0.014  | 2    | 1.87   | 0.006  | 0.07  | 0.2  | 3.1  | 0.24  | <0.02  | 51   | 1.1  | <0.02 | 4.9  |
| 1302826             | Soil     | 15.8 | 24.8  | 0.34   | 346.4 | 0.013  | 2    | 1.66   | 0.003  | 0.09  | 0.1  | 5.0  | 0.15  | <0.02  | 26   | 2.7  | 0.07  | 4.8  |
| REP 1302826         | QC       | 15.9 | 24.6  | 0.34   | 350.2 | 0.013  | 1    | 1.65   | 0.003  | 0.09  | 0.1  | 5.0  | 0.16  | <0.02  | 27   | 2.7  | 0.09  | 4.9  |
| 1302916             | Soil     | 6.9  | 34.1  | 0.39   | 306.7 | 0.011  | 4    | 2.17   | 0.006  | 0.13  | <0.1 | 3.7  | 0.16  | <0.02  | 54   | 0.3  | 0.03  | 5.9  |
| REP 1302916         | QC       | 7.4  | 34.5  | 0.42   | 303.5 | 0.018  | 4    | 2.15   | 0.007  | 0.13  | 0.1  | 3.7  | 0.18  | <0.02  | 59   | 0.3  | 0.05  | 5.8  |
| 1302960             | Soil     | 4.1  | 22.4  | 0.34   | 168.9 | 0.006  | 1    | 1.42   | 0.002  | 0.05  | <0.1 | 1.8  | 0.08  | <0.02  | 46   | 0.3  | 0.04  | 5.2  |
| REP 1302960         | QC       | 4.2  | 23.2  | 0.34   | 177.4 | 0.007  | 1    | 1.46   | 0.002  | 0.05  | <0.1 | 1.9  | 0.08  | <0.02  | 36   | 0.1  | 0.06  | 5.3  |
| 1302831             | Soil     | 1.2  | 1.0   | 0.02   | 12.8  | 0.020  | <1   | 0.13   | 0.085  | 0.03  | <0.1 | 0.4  | <0.02 | <0.02  | 6    | <0.1 | <0.02 | 0.7  |
| REP 1302831         | QC       | 1.2  | 0.8   | 0.02   | 12.8  | 0.016  | <1   | 0.12   | 0.083  | 0.03  | <0.1 | 0.4  | <0.02 | <0.02  | <5   | <0.1 | <0.02 | 0.6  |
| Reference Materials |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 14.2 | 126.4 | 0.63   | 330.4 | 0.107  | 3    | 1.02   | 0.101  | 0.43  | 3.4  | 2.7  | 6.04  | 0.16   | 230  | 6.0  | 5.72  | 5.2  |
| STD DS9             | Standard | 14.9 | 119.1 | 0.62   | 301.1 | 0.129  | 3    | 0.96   | 0.087  | 0.40  | 3.1  | 2.6  | 5.58  | 0.17   | 228  | 5.5  | 5.53  | 4.6  |
| STD DS9             | Standard | 12.8 | 121.2 | 0.61   | 291.5 | 0.118  | 3    | 0.94   | 0.083  | 0.39  | 3.0  | 2.4  | 5.37  | 0.16   | 231  | 5.6  | 4.96  | 4.7  |
| STD DS9 Expected    |          | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank    | <0.5 | 0.6   | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | 0.1  | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |





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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 13, 2012  
Report Date: August 10, 2012  
Page: 1 of 12

## CERTIFICATE OF ANALYSIS

DAW12000133.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID:  
P.O. Number  
Number of Samples: 320

### SAMPLE DISPOSAL

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

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

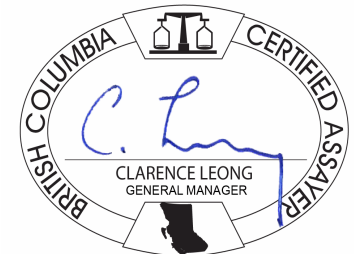
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 320               | Dry at 60C  |              |               | DAW |
| SS80        | 320               | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 320               | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 320               | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 10, 2012

Page: 2 of 12

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |       |
|---------|---------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca    | P     |       |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %     | %     |       |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2     | 0.01  | 0.001 |
| 1301061 | Soil    | 3.43  | 19.22 | 15.12 | 95.0  | 134  | 23.3 | 4.3  | 84   | 2.06 | 6.7  | 0.6  | 2.8  | 1.2  | 18.9 | 0.52 | 0.92 | 0.17 | 50   | 0.08  | 0.025 |       |
| 1301062 | Soil    | 4.55  | 38.73 | 10.90 | 77.7  | 243  | 30.9 | 5.8  | 148  | 2.25 | 10.3 | 0.8  | 2.4  | 2.7  | 29.3 | 0.29 | 1.22 | 0.16 | 51   | 0.28  | 0.058 |       |
| 1301063 | Soil    | 4.57  | 66.42 | 12.63 | 54.2  | 257  | 34.6 | 4.8  | 101  | 1.89 | 8.6  | 1.4  | 4.0  | 2.9  | 31.7 | 1.42 | 1.17 | 0.18 | 92   | 0.11  | 0.030 |       |
| 1301064 | Soil    | 7.86  | 35.54 | 18.58 | 105.8 | 472  | 16.2 | 3.9  | 55   | 2.84 | 13.4 | 0.3  | 1.2  | 2.5  | 29.3 | 0.21 | 1.91 | 0.21 | 56   | 0.04  | 0.049 |       |
| 1301065 | Soil    | 7.49  | 45.55 | 17.46 | 68.9  | 391  | 11.9 | 2.3  | 29   | 3.12 | 12.2 | 0.5  | 5.2  | 3.5  | 18.5 | 0.10 | 2.13 | 0.27 | 42   | 0.02  | 0.041 |       |
| 1301066 | Soil    | 9.12  | 47.49 | 17.93 | 65.2  | 384  | 8.1  | 1.3  | 9    | 2.78 | 13.7 | 0.5  | 4.3  | 2.6  | 11.6 | 0.06 | 1.96 | 0.21 | 46   | <0.01 | 0.040 |       |
| 1301067 | Soil    | 26.17 | 30.42 | 15.80 | 43.8  | 290  | 7.5  | 1.0  | 14   | 2.82 | 32.4 | 0.6  | 4.1  | 1.2  | 21.8 | 0.13 | 3.20 | 0.20 | 67   | 0.02  | 0.043 |       |
| 1301068 | Soil    | 4.65  | 32.03 | 11.29 | 76.6  | 356  | 30.8 | 3.3  | 54   | 1.76 | 9.0  | 0.4  | 1.3  | 2.4  | 26.9 | 0.16 | 0.93 | 0.16 | 54   | 0.04  | 0.047 |       |
| 1301069 | Soil    | 7.35  | 42.42 | 12.30 | 95.8  | 375  | 33.1 | 8.7  | 325  | 2.58 | 18.0 | 0.7  | 2.8  | 3.9  | 50.3 | 0.68 | 1.99 | 0.14 | 50   | 0.65  | 0.087 |       |
| 1301070 | Soil    | 6.51  | 39.71 | 14.10 | 172.4 | 176  | 39.6 | 6.5  | 85   | 4.79 | 11.7 | 0.7  | 0.6  | 2.1  | 28.0 | 0.34 | 1.36 | 0.14 | 70   | 0.06  | 0.062 |       |
| 1301071 | Soil    | 6.01  | 28.96 | 11.77 | 74.5  | 295  | 15.6 | 3.1  | 35   | 2.07 | 9.7  | 0.3  | 1.5  | 2.0  | 48.6 | 0.06 | 1.66 | 0.12 | 53   | 0.03  | 0.031 |       |
| 1301072 | Soil    | 27.18 | 12.69 | 21.02 | 53.5  | 348  | 14.4 | 2.6  | 82   | 2.53 | 34.4 | 0.3  | 3.7  | 1.5  | 24.6 | 0.11 | 4.36 | 0.21 | 123  | 0.05  | 0.069 |       |
| 1301073 | Soil    | 21.53 | 28.06 | 13.10 | 38.5  | 246  | 10.5 | 1.0  | 4    | 2.10 | 18.6 | 1.5  | 4.7  | 3.5  | 32.8 | 0.03 | 6.07 | 0.13 | 63   | <0.01 | 0.031 |       |
| 1301074 | Soil    | 26.48 | 56.74 | 16.87 | 274.5 | 499  | 30.8 | 4.0  | 64   | 3.42 | 29.7 | 1.1  | 2.3  | 2.4  | 24.7 | 0.17 | 9.97 | 0.16 | 105  | 0.05  | 0.053 |       |
| 1301075 | Soil    | 2.76  | 32.97 | 8.75  | 60.3  | 114  | 25.3 | 5.5  | 127  | 2.07 | 8.7  | 0.7  | 2.8  | 2.9  | 20.1 | 0.12 | 0.77 | 0.10 | 40   | 0.18  | 0.041 |       |
| 1301076 | Soil    | 2.73  | 26.72 | 14.60 | 48.1  | 94   | 13.9 | 4.7  | 81   | 2.33 | 9.5  | 0.8  | 1.4  | 3.1  | 21.3 | 0.05 | 0.76 | 0.13 | 33   | 0.07  | 0.016 |       |
| 1301077 | Soil    | 2.37  | 32.32 | 12.93 | 103.9 | 76   | 30.2 | 9.4  | 305  | 2.42 | 7.0  | 0.2  | <0.2 | 1.4  | 8.3  | 0.17 | 0.73 | 0.16 | 44   | 0.02  | 0.037 |       |
| 1301078 | Soil    | 3.50  | 32.69 | 14.77 | 73.6  | 80   | 21.7 | 5.0  | 65   | 2.76 | 10.2 | 0.3  | 1.1  | 2.1  | 26.9 | 0.16 | 0.80 | 0.16 | 41   | 0.05  | 0.027 |       |
| 1301079 | Soil    | 4.08  | 37.94 | 14.16 | 79.4  | 149  | 33.0 | 7.8  | 144  | 2.80 | 12.7 | 0.4  | 1.4  | 2.1  | 23.2 | 0.18 | 1.12 | 0.13 | 41   | 0.08  | 0.034 |       |
| 1301080 | Soil    | 2.14  | 21.67 | 9.64  | 72.5  | 112  | 28.1 | 7.0  | 139  | 2.38 | 7.5  | 0.3  | 0.2  | 2.0  | 14.6 | 0.19 | 0.72 | 0.10 | 47   | 0.08  | 0.030 |       |
| 1301081 | Soil    | 1.40  | 21.03 | 8.76  | 84.7  | 255  | 28.8 | 9.6  | 422  | 2.36 | 5.6  | 0.3  | 0.7  | 1.3  | 13.7 | 0.31 | 0.53 | 0.10 | 50   | 0.14  | 0.030 |       |
| 1301082 | Soil    | 1.27  | 29.62 | 9.31  | 91.6  | 110  | 35.0 | 9.8  | 365  | 2.36 | 4.5  | 0.2  | 0.5  | 1.3  | 7.5  | 0.20 | 0.57 | 0.12 | 47   | 0.10  | 0.031 |       |
| 1301083 | Soil    | 4.15  | 43.33 | 13.60 | 144.6 | 329  | 54.9 | 9.7  | 190  | 2.33 | 11.0 | 1.1  | 3.3  | 3.5  | 43.8 | 0.87 | 1.67 | 0.14 | 52   | 0.37  | 0.073 |       |
| 1301084 | Soil    | 9.72  | 64.91 | 19.00 | 111.9 | 464  | 23.7 | 4.3  | 42   | 3.35 | 16.8 | 1.0  | 2.3  | 3.9  | 66.0 | 0.24 | 1.59 | 0.16 | 36   | 0.11  | 0.054 |       |
| 1301085 | Soil    | 5.73  | 53.22 | 15.74 | 126.8 | 292  | 42.3 | 25.5 | 568  | 3.03 | 10.0 | 1.1  | 3.3  | 3.5  | 44.8 | 0.21 | 1.44 | 0.16 | 55   | 0.05  | 0.035 |       |
| 1301086 | Soil    | 2.89  | 33.14 | 14.70 | 184.5 | 171  | 66.4 | 15.6 | 279  | 2.94 | 9.0  | 1.2  | 3.4  | 2.8  | 21.0 | 0.70 | 0.86 | 0.11 | 53   | 0.22  | 0.055 |       |
| 1301087 | Soil    | 3.68  | 56.40 | 18.71 | 100.3 | 269  | 38.0 | 7.1  | 109  | 2.98 | 9.8  | 0.9  | 4.1  | 2.7  | 27.3 | 0.23 | 0.99 | 0.16 | 41   | 0.08  | 0.035 |       |
| 1301088 | Soil    | 3.18  | 34.95 | 21.34 | 70.7  | 318  | 28.8 | 5.4  | 79   | 2.60 | 9.9  | 0.7  | 2.3  | 1.5  | 17.4 | 0.28 | 0.76 | 0.16 | 52   | 0.12  | 0.050 |       |
| 1301089 | Soil    | 2.94  | 42.07 | 16.87 | 59.5  | 126  | 23.2 | 5.3  | 86   | 2.49 | 8.7  | 0.7  | 1.9  | 2.4  | 25.8 | 0.13 | 0.77 | 0.13 | 39   | 0.11  | 0.025 |       |
| 1301090 | Soil    | 2.35  | 25.46 | 24.30 | 107.8 | 168  | 34.5 | 9.4  | 151  | 2.94 | 8.9  | 0.4  | 0.8  | 2.1  | 9.8  | 0.30 | 0.67 | 0.25 | 74   | 0.09  | 0.023 |       |

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Client: **Rackla Metals Inc.**  
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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301061 | Soil    | 5.5  | 18.0 | 0.20 | 523.7 | 0.006  | 2    | 0.95 | 0.008 | 0.08 | <0.1 | 1.6  | 0.21 | 0.04  | 27   | 0.7  | 0.05 | 3.3 |
| 1301062 | Soil    | 9.3  | 25.6 | 0.34 | 681.1 | 0.020  | 4    | 1.02 | 0.014 | 0.09 | <0.1 | 3.9  | 0.30 | 0.04  | 63   | 1.0  | 0.08 | 3.3 |
| 1301063 | Soil    | 6.5  | 19.3 | 0.21 | 709.3 | 0.008  | 2    | 0.81 | 0.020 | 0.09 | <0.1 | 4.3  | 0.28 | 0.15  | 52   | 1.0  | 0.07 | 2.4 |
| 1301064 | Soil    | 3.3  | 16.4 | 0.13 | 575.2 | 0.002  | 2    | 1.01 | 0.026 | 0.13 | <0.1 | 2.0  | 0.49 | 0.19  | 14   | 1.5  | 0.06 | 3.4 |
| 1301065 | Soil    | 3.0  | 13.5 | 0.08 | 390.2 | 0.001  | 2    | 0.89 | 0.032 | 0.11 | <0.1 | 2.0  | 0.41 | 0.21  | 54   | 1.9  | 0.08 | 2.6 |
| 1301066 | Soil    | 1.6  | 15.4 | 0.06 | 527.4 | <0.001 | 3    | 0.92 | 0.014 | 0.13 | <0.1 | 2.1  | 0.46 | 0.10  | 143  | 1.8  | 0.07 | 2.8 |
| 1301067 | Soil    | 3.3  | 14.1 | 0.04 | 754.9 | 0.002  | 3    | 0.85 | 0.029 | 0.10 | <0.1 | 2.2  | 0.95 | 0.14  | 67   | 3.7  | 0.10 | 3.4 |
| 1301068 | Soil    | 3.8  | 16.3 | 0.13 | 493.1 | 0.002  | 2    | 1.19 | 0.018 | 0.09 | <0.1 | 2.0  | 0.35 | 0.11  | 28   | 0.9  | 0.10 | 3.2 |
| 1301069 | Soil    | 10.8 | 25.2 | 0.50 | 613.5 | 0.031  | 4    | 0.98 | 0.023 | 0.09 | 0.1  | 4.3  | 0.56 | 0.06  | 61   | 1.6  | 0.08 | 3.4 |
| 1301070 | Soil    | 4.7  | 25.8 | 0.27 | 562.3 | 0.004  | 2    | 2.12 | 0.006 | 0.06 | <0.1 | 3.2  | 0.30 | 0.05  | 20   | 1.4  | 0.04 | 4.5 |
| 1301071 | Soil    | 3.5  | 13.7 | 0.09 | 556.1 | 0.004  | <1   | 1.02 | 0.029 | 0.08 | <0.1 | 1.6  | 0.40 | 0.16  | 13   | 1.4  | 0.06 | 3.4 |
| 1301072 | Soil    | 5.7  | 14.8 | 0.08 | 351.2 | 0.012  | 2    | 0.85 | 0.032 | 0.09 | 0.1  | 1.3  | 1.62 | 0.18  | 20   | 4.8  | 0.09 | 5.2 |
| 1301073 | Soil    | 4.6  | 9.7  | 0.02 | 628.2 | <0.001 | 4    | 0.53 | 0.017 | 0.10 | <0.1 | 1.7  | 1.13 | 0.18  | 13   | 7.7  | 0.13 | 2.2 |
| 1301074 | Soil    | 6.0  | 18.7 | 0.15 | 491.1 | 0.007  | 2    | 1.13 | 0.010 | 0.09 | <0.1 | 3.5  | 1.10 | 0.09  | 24   | 13.7 | 0.18 | 4.2 |
| 1301075 | Soil    | 9.6  | 23.2 | 0.32 | 337.0 | 0.018  | 2    | 1.04 | 0.011 | 0.08 | <0.1 | 3.3  | 0.21 | 0.04  | 75   | 0.7  | 0.08 | 3.3 |
| 1301076 | Soil    | 7.2  | 20.3 | 0.23 | 289.9 | 0.009  | 1    | 0.89 | 0.025 | 0.08 | <0.1 | 3.3  | 0.27 | 0.16  | 36   | 0.8  | 0.05 | 2.9 |
| 1301077 | Soil    | 2.2  | 20.6 | 0.21 | 167.0 | 0.002  | 1    | 1.11 | 0.005 | 0.10 | <0.1 | 2.3  | 0.14 | <0.02 | 25   | 0.5  | 0.10 | 4.7 |
| 1301078 | Soil    | 3.9  | 23.0 | 0.25 | 226.4 | 0.004  | 2    | 1.29 | 0.018 | 0.10 | <0.1 | 2.5  | 0.28 | 0.13  | 30   | 0.7  | 0.04 | 4.0 |
| 1301079 | Soil    | 3.4  | 25.4 | 0.32 | 398.7 | 0.003  | 2    | 1.24 | 0.015 | 0.13 | <0.1 | 3.0  | 0.37 | 0.12  | 30   | 0.8  | 0.08 | 4.3 |
| 1301080 | Soil    | 6.1  | 23.1 | 0.33 | 252.1 | 0.008  | 1    | 1.23 | 0.005 | 0.10 | <0.1 | 2.3  | 0.13 | 0.02  | 9    | 0.4  | 0.02 | 4.4 |
| 1301081 | Soil    | 5.7  | 25.8 | 0.37 | 569.0 | 0.007  | 1    | 1.45 | 0.006 | 0.09 | <0.1 | 2.5  | 0.12 | <0.02 | 11   | 0.2  | 0.03 | 4.9 |
| 1301082 | Soil    | 3.9  | 27.3 | 0.40 | 370.6 | 0.005  | 1    | 1.54 | 0.003 | 0.10 | <0.1 | 2.7  | 0.10 | <0.02 | 16   | 0.2  | 0.07 | 5.2 |
| 1301083 | Soil    | 10.1 | 26.2 | 0.39 | 670.6 | 0.019  | 3    | 1.18 | 0.014 | 0.10 | <0.1 | 4.3  | 0.30 | 0.05  | 79   | 1.9  | 0.05 | 3.5 |
| 1301084 | Soil    | 3.7  | 17.8 | 0.19 | 332.7 | 0.002  | 4    | 0.81 | 0.049 | 0.25 | <0.1 | 5.6  | 0.94 | 0.61  | 148  | 2.1  | 0.04 | 2.8 |
| 1301085 | Soil    | 5.3  | 24.0 | 0.23 | 665.2 | 0.003  | 4    | 1.36 | 0.024 | 0.17 | <0.1 | 5.0  | 0.46 | 0.25  | 66   | 1.8  | 0.09 | 4.0 |
| 1301086 | Soil    | 9.6  | 31.1 | 0.42 | 384.7 | 0.013  | 2    | 1.44 | 0.007 | 0.08 | <0.1 | 3.9  | 0.13 | <0.02 | 51   | 0.7  | 0.06 | 4.0 |
| 1301087 | Soil    | 3.8  | 26.1 | 0.29 | 615.9 | 0.004  | 3    | 1.43 | 0.015 | 0.12 | <0.1 | 5.7  | 0.37 | 0.11  | 148  | 1.1  | 0.04 | 4.3 |
| 1301088 | Soil    | 5.8  | 26.7 | 0.30 | 343.6 | 0.004  | 2    | 1.42 | 0.006 | 0.08 | <0.1 | 3.0  | 0.22 | 0.03  | 63   | 0.8  | 0.09 | 4.8 |
| 1301089 | Soil    | 5.4  | 23.4 | 0.31 | 346.3 | 0.006  | 3    | 1.13 | 0.020 | 0.10 | <0.1 | 3.4  | 0.23 | 0.16  | 69   | 0.6  | 0.04 | 3.8 |
| 1301090 | Soil    | 7.3  | 35.3 | 0.49 | 266.9 | 0.012  | 3    | 2.03 | 0.005 | 0.07 | <0.1 | 3.3  | 0.20 | <0.02 | 10   | 0.2  | 0.07 | 6.3 |



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| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |
|---------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1301091 | Soil | 1.98  | 21.90 | 30.53 | 94.9  | 133  | 33.1 | 8.5  | 162  | 2.60 | 7.1  | 0.3  | 0.9  | 1.9  | 11.3 | 0.29 | 0.63 | 0.13 | 58   | 0.13  | 0.026 |
| 1301092 | Soil | 1.74  | 24.42 | 32.74 | 114.2 | 259  | 31.6 | 9.9  | 266  | 2.63 | 6.5  | 0.5  | 3.0  | 2.6  | 14.7 | 0.52 | 0.56 | 0.13 | 64   | 0.20  | 0.029 |
| 1301093 | Soil | 2.31  | 25.02 | 37.46 | 135.6 | 189  | 34.1 | 8.9  | 348  | 3.08 | 11.0 | 0.4  | <0.2 | 2.2  | 17.1 | 0.70 | 0.82 | 0.14 | 67   | 0.25  | 0.076 |
| 1301094 | Soil | 1.53  | 15.46 | 27.62 | 164.6 | 92   | 24.3 | 8.7  | 294  | 2.35 | 4.8  | 0.3  | 0.7  | 1.3  | 13.5 | 0.86 | 0.51 | 0.11 | 63   | 0.19  | 0.033 |
| 1301095 | Soil | 1.95  | 16.85 | 26.94 | 115.7 | 172  | 24.7 | 9.0  | 205  | 2.65 | 7.4  | 0.3  | 0.3  | 2.2  | 9.3  | 0.38 | 0.64 | 0.12 | 68   | 0.09  | 0.027 |
| 1301096 | Soil | 1.88  | 52.42 | 182.8 | 166.0 | 150  | 50.0 | 14.5 | 178  | 3.39 | 11.5 | 0.5  | 3.3  | 1.9  | 6.3  | 0.46 | 1.03 | 0.18 | 59   | 0.08  | 0.040 |
| 1301097 | Soil | 1.42  | 45.64 | 150.3 | 215.1 | 100  | 55.4 | 15.7 | 151  | 3.20 | 5.2  | 0.3  | 4.2  | 1.6  | 6.2  | 0.41 | 0.56 | 0.30 | 57   | 0.10  | 0.021 |
| 1301098 | Soil | 1.86  | 44.00 | 38.08 | 110.9 | 107  | 44.1 | 12.2 | 171  | 3.47 | 11.3 | 0.4  | 2.9  | 2.3  | 6.2  | 0.33 | 1.14 | 0.26 | 61   | 0.05  | 0.035 |
| 1301099 | Soil | 2.20  | 46.46 | 35.81 | 110.1 | 271  | 44.3 | 11.7 | 179  | 3.91 | 11.0 | 0.4  | 1.7  | 1.7  | 11.6 | 0.43 | 1.28 | 0.29 | 59   | 0.10  | 0.056 |
| 1301100 | Soil | 2.12  | 47.94 | 23.14 | 164.5 | 91   | 48.4 | 12.2 | 222  | 3.50 | 7.3  | 0.3  | 0.7  | 1.0  | 9.8  | 0.54 | 1.06 | 0.28 | 62   | 0.14  | 0.042 |
| 1301101 | Soil | 6.83  | 25.65 | 15.15 | 59.8  | 217  | 12.2 | 3.7  | 100  | 2.51 | 12.2 | 0.4  | 2.2  | 2.5  | 14.8 | 0.18 | 1.52 | 0.24 | 52   | 0.03  | 0.030 |
| 1301102 | Soil | 3.87  | 41.71 | 13.20 | 99.9  | 204  | 33.4 | 8.4  | 232  | 2.50 | 10.7 | 1.4  | 2.0  | 4.0  | 32.0 | 0.46 | 1.37 | 0.18 | 51   | 0.26  | 0.069 |
| 1301103 | Soil | 7.62  | 56.22 | 17.31 | 37.9  | 253  | 13.4 | 2.6  | 55   | 3.42 | 42.2 | 1.7  | 2.9  | 2.9  | 86.9 | 0.43 | 1.13 | 0.26 | 38   | 0.10  | 0.063 |
| 1301104 | Soil | 14.22 | 56.17 | 10.40 | 36.8  | 307  | 12.2 | 0.9  | 10   | 1.03 | 16.7 | 2.2  | 1.6  | 1.5  | 94.6 | 0.35 | 3.39 | 0.12 | 47   | 0.03  | 0.032 |
| 1301105 | Soil | 2.70  | 32.36 | 11.60 | 54.9  | 125  | 16.8 | 4.4  | 56   | 2.19 | 7.4  | 0.4  | 1.2  | 1.7  | 17.6 | 0.07 | 0.62 | 0.17 | 35   | 0.03  | 0.021 |
| 1301106 | Soil | 3.20  | 28.57 | 12.81 | 70.1  | 105  | 18.2 | 4.3  | 68   | 2.53 | 8.6  | 0.3  | 0.2  | 1.9  | 14.5 | 0.11 | 0.77 | 0.20 | 47   | 0.04  | 0.026 |
| 1301107 | Soil | 2.72  | 36.94 | 12.99 | 71.8  | 96   | 23.2 | 5.5  | 72   | 2.42 | 7.8  | 0.5  | 1.3  | 2.0  | 18.5 | 0.13 | 0.77 | 0.19 | 34   | 0.06  | 0.028 |
| 1301108 | Soil | 2.65  | 27.89 | 12.73 | 48.6  | 156  | 15.6 | 3.8  | 57   | 2.22 | 6.7  | 0.3  | 0.7  | 1.6  | 24.3 | 0.14 | 0.59 | 0.18 | 35   | 0.09  | 0.027 |
| 1301109 | Soil | 3.83  | 27.08 | 13.70 | 66.0  | 126  | 16.9 | 5.0  | 77   | 2.69 | 9.4  | 0.3  | 0.4  | 2.4  | 22.0 | 0.12 | 0.80 | 0.19 | 43   | 0.05  | 0.023 |
| 1301110 | Soil | 2.41  | 19.74 | 19.65 | 88.8  | 233  | 23.3 | 6.7  | 152  | 2.23 | 7.4  | 0.5  | 1.3  | 2.4  | 12.7 | 0.30 | 0.60 | 0.15 | 56   | 0.12  | 0.044 |
| 1301111 | Soil | 2.18  | 22.63 | 20.30 | 112.5 | 164  | 32.6 | 9.1  | 233  | 2.47 | 7.6  | 0.6  | 1.1  | 3.0  | 14.8 | 0.50 | 0.79 | 0.17 | 55   | 0.18  | 0.044 |
| 1301112 | Soil | 1.35  | 13.00 | 14.55 | 61.9  | 246  | 15.1 | 5.2  | 170  | 1.49 | 4.3  | 0.4  | 3.0  | 1.4  | 11.8 | 0.52 | 0.35 | 0.11 | 43   | 0.12  | 0.034 |
| 1301113 | Soil | 2.18  | 24.69 | 22.71 | 108.4 | 192  | 28.6 | 8.8  | 243  | 2.45 | 8.3  | 0.7  | 4.2  | 2.0  | 16.5 | 0.66 | 0.74 | 0.16 | 56   | 0.16  | 0.048 |
| 1301114 | Soil | 3.15  | 23.16 | 19.57 | 89.8  | 277  | 32.2 | 10.4 | 258  | 3.10 | 10.5 | 0.5  | 1.7  | 2.8  | 14.7 | 0.28 | 0.77 | 0.19 | 81   | 0.14  | 0.042 |
| 1301115 | Soil | 2.87  | 29.13 | 22.37 | 109.7 | 173  | 47.2 | 11.4 | 201  | 3.35 | 12.0 | 0.4  | 1.4  | 2.3  | 13.0 | 0.33 | 0.99 | 0.18 | 78   | 0.09  | 0.037 |
| 1301116 | Soil | 2.41  | 37.55 | 83.35 | 77.9  | 40   | 46.3 | 4.4  | 61   | 2.85 | 9.5  | 0.8  | 0.8  | 2.7  | 17.0 | 0.35 | 0.94 | 0.17 | 44   | 0.03  | 0.044 |
| 1301117 | Soil | 1.90  | 15.56 | 14.51 | 112.5 | 48   | 16.6 | 4.2  | 174  | 1.80 | 6.0  | 0.3  | <0.2 | 0.5  | 8.3  | 0.38 | 0.67 | 0.19 | 69   | 0.07  | 0.035 |
| 1301118 | Soil | 2.13  | 51.15 | 62.11 | 284.3 | 142  | 53.9 | 17.0 | 639  | 2.88 | 8.8  | 0.6  | 1.9  | 3.0  | 18.8 | 2.01 | 0.96 | 0.23 | 51   | 0.43  | 0.043 |
| 1301119 | Soil | 1.52  | 31.22 | 56.50 | 450.2 | 55   | 41.0 | 12.0 | 337  | 3.03 | 6.3  | 0.4  | 0.4  | 2.2  | 15.2 | 2.40 | 0.53 | 0.19 | 62   | 0.23  | 0.037 |
| 1301120 | Soil | 5.60  | 108.7 | 9.08  | 95.4  | 1546 | 22.8 | 1.5  | 33   | 0.91 | 6.7  | 2.3  | 4.8  | 0.7  | 57.8 | 5.47 | 4.77 | 0.17 | 48   | 0.07  | 0.048 |

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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301091 | Soil    | 6.6  | 30.2 | 0.47 | 250.7 | 0.013  | 2    | 1.60 | 0.006  | 0.08 | <0.1 | 2.6  | 0.14 | <0.02 | 7    | 0.4  | 0.07 | 5.1 |
| 1301092 | Soil    | 9.7  | 33.9 | 0.47 | 422.7 | 0.015  | 2    | 1.79 | 0.006  | 0.09 | <0.1 | 3.4  | 0.25 | <0.02 | 14   | 0.3  | 0.06 | 5.6 |
| 1301093 | Soil    | 6.5  | 34.5 | 0.53 | 374.0 | 0.010  | 2    | 1.87 | 0.004  | 0.13 | <0.1 | 3.2  | 0.16 | <0.02 | 18   | 0.3  | 0.08 | 5.9 |
| 1301094 | Soil    | 6.8  | 27.3 | 0.35 | 471.2 | 0.009  | 1    | 1.60 | 0.006  | 0.07 | <0.1 | 2.5  | 0.15 | <0.02 | 11   | 0.2  | 0.05 | 5.9 |
| 1301095 | Soil    | 8.2  | 29.6 | 0.43 | 396.0 | 0.013  | 2    | 1.79 | 0.005  | 0.08 | <0.1 | 2.9  | 0.20 | <0.02 | 5    | 0.3  | 0.04 | 5.8 |
| 1301096 | Soil    | 2.7  | 37.8 | 0.67 | 278.9 | 0.002  | 3    | 2.14 | 0.002  | 0.14 | <0.1 | 4.3  | 0.19 | <0.02 | 38   | 0.5  | 0.09 | 6.2 |
| 1301097 | Soil    | 2.4  | 41.5 | 0.69 | 203.0 | 0.002  | 2    | 2.29 | <0.001 | 0.10 | <0.1 | 4.4  | 0.23 | <0.02 | 26   | 0.3  | 0.10 | 6.8 |
| 1301098 | Soil    | 4.8  | 39.2 | 0.56 | 285.4 | 0.004  | 2    | 2.09 | <0.001 | 0.09 | <0.1 | 4.2  | 0.26 | <0.02 | 34   | 0.4  | 0.07 | 6.3 |
| 1301099 | Soil    | 3.1  | 37.7 | 0.55 | 288.8 | 0.002  | 2    | 1.93 | 0.002  | 0.13 | <0.1 | 3.9  | 0.23 | 0.03  | 50   | 0.7  | 0.08 | 6.6 |
| 1301100 | Soil    | 1.8  | 40.0 | 0.65 | 391.7 | 0.002  | 2    | 2.08 | 0.002  | 0.10 | <0.1 | 3.9  | 0.20 | <0.02 | 35   | 0.4  | 0.03 | 7.4 |
| 1301101 | Soil    | 4.7  | 21.3 | 0.21 | 300.9 | 0.004  | 2    | 1.47 | 0.011  | 0.08 | <0.1 | 2.1  | 0.54 | 0.09  | 37   | 1.5  | 0.05 | 3.8 |
| 1301102 | Soil    | 12.1 | 30.1 | 0.42 | 621.6 | 0.027  | 2    | 1.08 | 0.010  | 0.09 | 0.1  | 4.4  | 0.27 | 0.04  | 37   | 1.2  | 0.06 | 3.6 |
| 1301103 | Soil    | 5.0  | 23.5 | 0.17 | 374.4 | 0.003  | 2    | 0.86 | 0.056  | 0.19 | <0.1 | 4.3  | 0.82 | 0.57  | 127  | 2.2  | 0.09 | 3.0 |
| 1301104 | Soil    | 1.8  | 8.7  | 0.03 | 644.5 | <0.001 | 2    | 0.44 | 0.018  | 0.12 | <0.1 | 3.3  | 1.20 | 0.23  | 150  | 2.5  | 0.10 | 1.5 |
| 1301105 | Soil    | 3.8  | 19.0 | 0.17 | 218.0 | 0.004  | 1    | 0.99 | 0.015  | 0.08 | <0.1 | 2.2  | 0.19 | 0.08  | 25   | 0.7  | 0.06 | 3.6 |
| 1301106 | Soil    | 4.8  | 21.5 | 0.22 | 209.5 | 0.004  | <1   | 1.32 | 0.011  | 0.08 | <0.1 | 2.2  | 0.19 | 0.05  | 11   | 0.5  | 0.06 | 4.6 |
| 1301107 | Soil    | 3.9  | 21.6 | 0.26 | 290.5 | 0.004  | 2    | 1.02 | 0.010  | 0.08 | <0.1 | 3.1  | 0.18 | 0.06  | 31   | 0.8  | 0.05 | 3.6 |
| 1301108 | Soil    | 4.0  | 17.3 | 0.19 | 367.7 | 0.004  | 1    | 0.93 | 0.015  | 0.13 | <0.1 | 2.1  | 0.16 | 0.07  | 15   | 0.6  | 0.04 | 3.8 |
| 1301109 | Soil    | 5.0  | 23.4 | 0.25 | 262.4 | 0.006  | <1   | 1.20 | 0.011  | 0.09 | <0.1 | 2.5  | 0.22 | 0.06  | 20   | 0.5  | 0.07 | 4.3 |
| 1301110 | Soil    | 8.3  | 27.3 | 0.35 | 291.2 | 0.013  | 1    | 1.54 | 0.006  | 0.07 | <0.1 | 2.7  | 0.19 | <0.02 | 17   | 0.3  | 0.06 | 5.2 |
| 1301111 | Soil    | 10.0 | 31.7 | 0.48 | 420.8 | 0.018  | 2    | 1.50 | 0.005  | 0.06 | <0.1 | 3.2  | 0.18 | <0.02 | 28   | 0.6  | 0.03 | 4.7 |
| 1301112 | Soil    | 7.6  | 20.6 | 0.24 | 259.0 | 0.017  | <1   | 1.14 | 0.008  | 0.06 | 0.1  | 2.1  | 0.19 | <0.02 | 22   | 0.3  | 0.03 | 4.0 |
| 1301113 | Soil    | 12.3 | 31.7 | 0.41 | 429.4 | 0.019  | 1    | 1.54 | 0.005  | 0.07 | 0.1  | 3.1  | 0.23 | <0.02 | 25   | 0.6  | 0.03 | 4.7 |
| 1301114 | Soil    | 8.9  | 39.6 | 0.45 | 358.0 | 0.016  | 1    | 2.31 | 0.003  | 0.08 | 0.1  | 3.3  | 0.27 | <0.02 | 21   | 0.6  | 0.06 | 6.6 |
| 1301115 | Soil    | 7.6  | 38.6 | 0.44 | 312.9 | 0.014  | <1   | 2.28 | 0.003  | 0.07 | <0.1 | 3.3  | 0.25 | 0.02  | 21   | 0.7  | 0.08 | 6.6 |
| 1301116 | Soil    | 3.2  | 33.2 | 0.28 | 233.4 | 0.002  | <1   | 1.54 | <0.001 | 0.07 | <0.1 | 3.1  | 0.28 | 0.03  | 16   | 0.8  | 0.09 | 3.8 |
| 1301117 | Soil    | 10.4 | 17.9 | 0.13 | 203.0 | 0.023  | <1   | 0.96 | 0.003  | 0.03 | <0.1 | 1.4  | 0.24 | <0.02 | 11   | 0.2  | 0.06 | 6.8 |
| 1301118 | Soil    | 5.5  | 36.3 | 0.50 | 740.5 | 0.003  | 3    | 1.86 | 0.003  | 0.20 | <0.1 | 5.7  | 0.34 | 0.02  | 22   | 0.6  | 0.08 | 6.0 |
| 1301119 | Soil    | 6.4  | 39.7 | 0.57 | 709.2 | 0.004  | 2    | 2.22 | 0.002  | 0.12 | <0.1 | 4.0  | 0.36 | <0.02 | 11   | 0.4  | 0.06 | 6.9 |
| 1301120 | Soil    | 2.9  | 7.4  | 0.05 | 4798  | 0.001  | 8    | 0.31 | 0.008  | 0.12 | <0.1 | 1.6  | 0.73 | 0.07  | 147  | 5.5  | 0.06 | 1.0 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
| 1301121 | Soil    |      |     | 1.90    | 41.13   | 67.85   | 232.5   | 117     | 47.9    | 11.9    | 226     | 3.01    | 8.6     | 0.5    | 0.2     | 2.0     | 19.3    | 0.86    | 0.89    | 0.21    | 47     | 0.23    | 0.047  |
| 1301122 | Soil    |      |     | 18.26   | 13.40   | 13.01   | 33.8    | 640     | 8.2     | 1.5     | 36      | 1.96    | 16.2    | 0.8    | 1.9     | 1.0     | 24.5    | 0.11    | 4.47    | 0.23    | 164    | 0.02    | 0.034  |
| 1301123 | Soil    |      |     | 29.14   | 71.65   | 13.66   | 158.3   | 875     | 31.6    | 4.1     | 39      | 10.37   | 52.7    | 1.1    | 3.4     | 1.1     | 30.2    | 0.23    | 6.13    | 0.27    | 135    | 0.04    | 0.129  |
| 1301124 | Soil    |      |     | 16.98   | 9.97    | 21.61   | 17.5    | 3324    | 4.2     | 0.9     | 31      | 1.93    | 8.7     | 0.7    | 1.0     | 0.4     | 98.7    | 0.53    | 8.51    | 0.26    | 89     | 0.10    | 0.051  |
| 1301125 | Soil    |      |     | 14.54   | 20.91   | 13.57   | 72.2    | 576     | 28.7    | 7.0     | 148     | 2.99    | 17.1    | 1.3    | 3.2     | 1.8     | 30.7    | 0.42    | 2.58    | 0.22    | 150    | 0.09    | 0.052  |
| 1301126 | Soil    |      |     | 47.62   | 26.66   | 16.36   | 66.8    | 1294    | 19.3    | 2.0     | 45      | 2.08    | 19.2    | 6.0    | 3.1     | 1.9     | 91.3    | 2.06    | 6.89    | 0.26    | 408    | 0.13    | 0.245  |
| 1301127 | Soil    |      |     | 14.37   | 37.52   | 14.46   | 73.6    | 2097    | 22.2    | 4.1     | 76      | 2.35    | 13.1    | 3.1    | 2.7     | 3.0     | 124.1   | 0.57    | 2.80    | 0.22    | 145    | 0.21    | 0.323  |
| 1301128 | Soil    |      |     | 3.31    | 175.9   | 38.05   | 87.4    | 3244    | 24.9    | 3.2     | 44      | 10.47   | 17.2    | 1.8    | 26.8    | 1.8     | 65.3    | 0.11    | 2.56    | 0.78    | 170    | <0.01   | 0.092  |
| 1301129 | Soil    |      |     | 2.08    | 12.18   | 7.68    | 11.0    | 502     | 2.8     | 0.6     | 12      | 0.97    | 5.1     | 0.6    | 1.0     | 0.6     | 11.2    | 0.04    | 0.66    | 0.18    | 86     | <0.01   | 0.012  |
| 1301130 | Soil    |      |     | 8.57    | 50.30   | 19.82   | 79.7    | 1749    | 12.4    | 2.5     | 46      | 4.15    | 22.7    | 0.9    | 3.0     | 0.9     | 53.8    | 0.11    | 1.96    | 0.37    | 209    | 0.03    | 0.051  |
| 1301131 | Soil    |      |     | 4.56    | 15.61   | 11.88   | 50.2    | 1094    | 18.7    | 6.5     | 189     | 3.19    | 14.2    | 0.6    | 1.3     | 3.4     | 11.9    | 0.17    | 1.12    | 0.24    | 109    | 0.08    | 0.026  |
| 1301132 | Soil    |      |     | 6.51    | 25.11   | 11.33   | 30.9    | 1438    | 11.8    | 2.7     | 70      | 2.07    | 17.8    | 2.2    | 6.0     | 1.6     | 34.7    | 0.13    | 1.10    | 0.21    | 78     | 0.03    | 0.022  |
| 1301133 | Soil    |      |     | 1.58    | 23.59   | 6.37    | 5.4     | 846     | 3.7     | 0.8     | 19      | 0.81    | 8.5     | 2.0    | 4.1     | 0.6     | 19.3    | 0.13    | 0.54    | 0.17    | 27     | 0.02    | 0.010  |
| 1301134 | Soil    |      |     | 3.61    | 31.50   | 11.37   | 74.9    | 849     | 29.4    | 11.7    | 270     | 3.04    | 14.3    | 1.1    | 5.9     | 4.1     | 16.8    | 0.24    | 1.24    | 0.21    | 80     | 0.07    | 0.025  |
| 1301135 | Soil    |      |     | 3.22    | 23.57   | 11.77   | 65.9    | 523     | 22.4    | 7.4     | 204     | 3.21    | 13.7    | 0.9    | 4.0     | 2.6     | 16.2    | 0.21    | 1.02    | 0.19    | 79     | 0.09    | 0.039  |
| 1301136 | Soil    |      |     | 7.19    | 20.82   | 23.09   | 10.6    | 3406    | 4.6     | 0.8     | 25      | 3.44    | 16.6    | 1.2    | 3.3     | 0.6     | 36.2    | 0.06    | 2.60    | 0.43    | 118    | 0.03    | 0.028  |
| 1301137 | Soil    |      |     | 3.03    | 42.89   | 34.36   | 142.7   | 72      | 37.3    | 11.7    | 218     | 4.28    | 12.4    | 0.4    | 1.1     | 2.2     | 8.6     | 0.31    | 1.09    | 0.27    | 69     | 0.03    | 0.049  |
| 1301138 | Soil    |      |     | 2.44    | 49.95   | 17.81   | 116.9   | 145     | 44.5    | 12.4    | 249     | 4.45    | 9.8     | 0.3    | 1.4     | 1.7     | 6.8     | 0.34    | 0.88    | 0.25    | 66     | 0.07    | 0.056  |
| 1301139 | Soil    |      |     | 2.58    | 32.33   | 15.24   | 65.3    | 31      | 23.4    | 8.9     | 138     | 3.66    | 10.4    | 0.3    | 1.0     | 1.9     | 9.3     | 0.15    | 0.89    | 0.24    | 73     | 0.12    | 0.034  |
| 1301140 | Soil    |      |     | 2.43    | 30.88   | 26.32   | 73.1    | 170     | 29.3    | 9.4     | 161     | 3.41    | 11.4    | 0.4    | 1.8     | 2.1     | 16.4    | 0.23    | 1.34    | 0.18    | 62     | 0.07    | 0.025  |
| 1301141 | Soil    |      |     | 1.83    | 32.00   | 17.03   | 86.9    | 137     | 31.0    | 10.6    | 177     | 2.78    | 7.6     | 0.3    | 1.4     | 1.8     | 10.9    | 0.40    | 0.80    | 0.18    | 57     | 0.15    | 0.021  |
| 1301142 | Soil    |      |     | 2.26    | 54.22   | 44.80   | 152.8   | 391     | 51.3    | 13.2    | 173     | 3.61    | 10.2    | 0.4    | 1.2     | 2.0     | 17.0    | 0.48    | 1.11    | 0.24    | 57     | 0.24    | 0.047  |
| 1301143 | Soil    |      |     | 1.80    | 25.28   | 14.43   | 67.4    | 116     | 25.6    | 7.8     | 158     | 3.54    | 9.5     | 0.3    | 3.7     | 1.7     | 9.4     | 0.21    | 0.89    | 0.23    | 72     | 0.12    | 0.033  |
| 1301144 | Soil    |      |     | 1.56    | 55.09   | 21.64   | 76.9    | 421     | 55.3    | 16.7    | 286     | 3.63    | 9.7     | 0.4    | 0.4     | 1.9     | 19.1    | 0.37    | 0.78    | 0.25    | 62     | 0.30    | 0.053  |
| 1301145 | Soil    |      |     | 1.69    | 26.18   | 17.78   | 92.6    | 190     | 28.7    | 10.0    | 194     | 2.98    | 8.3     | 0.3    | <0.2    | 1.9     | 12.9    | 0.57    | 0.79    | 0.18    | 71     | 0.17    | 0.025  |
| 1301146 | Soil    |      |     | 0.97    | 32.87   | 10.16   | 78.5    | 91      | 46.3    | 12.0    | 685     | 3.52    | 6.6     | 0.3    | 0.3     | 1.9     | 9.8     | 0.23    | 0.78    | 0.13    | 59     | 0.23    | 0.038  |
| 1301147 | Soil    |      |     | 1.96    | 32.72   | 20.48   | 106.3   | 177     | 34.6    | 11.9    | 270     | 3.39    | 9.1     | 0.4    | 0.4     | 2.1     | 9.7     | 0.44    | 0.79    | 0.21    | 70     | 0.11    | 0.038  |
| 1301148 | Soil    |      |     | 1.79    | 61.96   | 32.53   | 104.7   | 52      | 56.9    | 18.2    | 323     | 3.78    | 10.5    | 0.5    | 1.5     | 3.3     | 7.7     | 0.23    | 0.85    | 0.23    | 57     | 0.09    | 0.049  |
| 1301149 | Soil    |      |     | 1.57    | 35.91   | 17.81   | 92.2    | 215     | 39.5    | 11.4    | 192     | 3.00    | 8.3     | 0.3    | 0.6     | 2.0     | 8.0     | 0.31    | 0.77    | 0.17    | 67     | 0.09    | 0.026  |
| 1301150 | Soil    |      |     | 1.65    | 34.50   | 27.56   | 85.1    | 105     | 44.2    | 14.0    | 218     | 3.16    | 9.4     | 0.4    | 2.2     | 2.6     | 12.3    | 0.30    | 0.86    | 0.16    | 56     | 0.16    | 0.030  |

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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301121 | Soil    | 3.7  | 31.3 | 0.50 | 913.2 | 0.002 | 1    | 1.88 | 0.008  | 0.14 | <0.1 | 4.3  | 0.34 | 0.02  | 27   | 0.6  | 0.03 | 5.8 |
| 1301122 | Soil    | 4.1  | 13.9 | 0.06 | 434.6 | 0.004 | 1    | 0.77 | 0.011  | 0.09 | <0.1 | 1.1  | 1.72 | 0.15  | 38   | 3.6  | 0.12 | 3.7 |
| 1301123 | Soil    | 2.7  | 19.0 | 0.04 | 920.9 | 0.004 | 3    | 0.75 | 0.018  | 0.09 | <0.1 | 2.2  | 1.90 | 0.16  | 157  | 14.3 | 0.21 | 3.3 |
| 1301124 | Soil    | 2.8  | 10.4 | 0.04 | 407.8 | 0.004 | 3    | 0.46 | 0.024  | 0.15 | <0.1 | 0.8  | 1.71 | 0.47  | 20   | 8.3  | 0.15 | 3.1 |
| 1301125 | Soil    | 7.4  | 28.9 | 0.26 | 1048  | 0.018 | 3    | 1.77 | 0.009  | 0.13 | 0.1  | 2.7  | 1.45 | 0.19  | 50   | 2.5  | 0.08 | 5.3 |
| 1301126 | Soil    | 5.8  | 19.3 | 0.12 | 413.6 | 0.006 | 6    | 1.04 | 0.004  | 0.16 | 0.2  | 2.5  | 2.48 | 0.31  | 73   | 6.3  | 0.17 | 3.6 |
| 1301127 | Soil    | 8.5  | 40.3 | 0.18 | 975.9 | 0.012 | 4    | 1.49 | 0.004  | 0.11 | 0.2  | 3.2  | 0.96 | 0.18  | 48   | 4.8  | 0.18 | 4.8 |
| 1301128 | Soil    | 2.5  | 50.2 | 0.04 | 170.7 | 0.002 | 5    | 0.65 | 0.010  | 0.28 | 0.2  | 17.1 | 0.33 | 0.61  | 362  | 15.5 | 1.07 | 5.0 |
| 1301129 | Soil    | 2.4  | 15.3 | 0.03 | 151.5 | 0.007 | 2    | 0.42 | <0.001 | 0.07 | <0.1 | 0.8  | 0.12 | 0.05  | 44   | 2.0  | 0.11 | 3.3 |
| 1301130 | Soil    | 4.4  | 43.6 | 0.06 | 589.9 | 0.016 | 2    | 0.80 | 0.002  | 0.15 | <0.1 | 2.6  | 0.31 | 0.28  | 95   | 10.3 | 0.36 | 6.1 |
| 1301131 | Soil    | 11.8 | 36.7 | 0.24 | 225.3 | 0.031 | 1    | 2.04 | <0.001 | 0.05 | 0.1  | 2.9  | 0.27 | <0.02 | 65   | 1.3  | 0.09 | 8.4 |
| 1301132 | Soil    | 5.8  | 33.7 | 0.13 | 835.1 | 0.009 | 4    | 0.97 | 0.002  | 0.13 | 0.1  | 2.4  | 0.34 | 0.21  | 116  | 6.7  | 0.18 | 3.8 |
| 1301133 | Soil    | 2.3  | 13.0 | 0.03 | 302.8 | 0.002 | 4    | 0.42 | 0.002  | 0.11 | <0.1 | 1.8  | 0.18 | 0.18  | 41   | 3.2  | 0.04 | 1.2 |
| 1301134 | Soil    | 11.9 | 41.0 | 0.47 | 441.0 | 0.038 | 4    | 2.08 | 0.006  | 0.10 | 0.1  | 5.0  | 0.24 | 0.08  | 82   | 1.9  | 0.06 | 5.2 |
| 1301135 | Soil    | 9.8  | 38.1 | 0.36 | 380.0 | 0.026 | 3    | 2.16 | 0.004  | 0.05 | 0.2  | 3.4  | 0.21 | 0.05  | 77   | 1.7  | 0.05 | 5.6 |
| 1301136 | Soil    | 3.3  | 26.4 | 0.05 | 164.9 | 0.003 | 7    | 0.62 | 0.009  | 0.31 | <0.1 | 1.7  | 0.36 | 0.77  | 305  | 12.0 | 0.34 | 2.7 |
| 1301137 | Soil    | 4.1  | 36.1 | 0.38 | 192.7 | 0.002 | 4    | 2.21 | 0.001  | 0.09 | <0.1 | 3.7  | 0.45 | 0.02  | 51   | 0.6  | 0.07 | 6.9 |
| 1301138 | Soil    | 3.5  | 40.8 | 0.50 | 342.7 | 0.003 | 4    | 2.36 | 0.002  | 0.09 | <0.1 | 3.8  | 0.49 | 0.02  | 60   | 0.7  | 0.09 | 6.7 |
| 1301139 | Soil    | 6.4  | 28.6 | 0.33 | 279.2 | 0.004 | 3    | 1.69 | 0.002  | 0.08 | <0.1 | 2.7  | 0.29 | <0.02 | 19   | 0.3  | 0.10 | 7.0 |
| 1301140 | Soil    | 6.3  | 27.6 | 0.38 | 255.1 | 0.009 | 2    | 1.68 | 0.005  | 0.07 | <0.1 | 3.1  | 0.37 | 0.03  | 27   | 0.4  | 0.06 | 5.6 |
| 1301141 | Soil    | 6.0  | 29.8 | 0.44 | 370.6 | 0.004 | 3    | 1.84 | 0.004  | 0.08 | <0.1 | 3.0  | 0.20 | <0.02 | 22   | 0.5  | 0.06 | 5.7 |
| 1301142 | Soil    | 2.9  | 38.6 | 0.59 | 484.4 | 0.001 | 4    | 2.20 | 0.003  | 0.12 | <0.1 | 4.3  | 0.34 | 0.05  | 92   | 0.8  | 0.12 | 6.5 |
| 1301143 | Soil    | 6.2  | 30.4 | 0.40 | 250.5 | 0.010 | 2    | 1.58 | 0.003  | 0.08 | <0.1 | 3.0  | 0.29 | <0.02 | 13   | 0.5  | 0.08 | 6.9 |
| 1301144 | Soil    | 3.2  | 40.6 | 0.66 | 1304  | 0.002 | 4    | 2.35 | 0.002  | 0.11 | <0.1 | 4.7  | 0.42 | 0.03  | 76   | 0.5  | 0.08 | 6.8 |
| 1301145 | Soil    | 7.6  | 34.0 | 0.48 | 584.5 | 0.009 | 1    | 1.99 | 0.003  | 0.05 | <0.1 | 3.4  | 0.25 | <0.02 | 15   | 0.4  | 0.05 | 6.9 |
| 1301146 | Soil    | 3.9  | 41.9 | 0.63 | 476.3 | 0.002 | 2    | 2.41 | 0.002  | 0.08 | <0.1 | 5.1  | 0.28 | <0.02 | 19   | 0.4  | 0.05 | 6.4 |
| 1301147 | Soil    | 6.4  | 36.3 | 0.51 | 499.4 | 0.007 | 3    | 2.22 | 0.003  | 0.08 | <0.1 | 3.9  | 0.44 | <0.02 | 26   | 0.4  | 0.09 | 6.8 |
| 1301148 | Soil    | 4.8  | 39.0 | 0.74 | 325.4 | 0.003 | 4    | 2.20 | 0.002  | 0.12 | <0.1 | 4.8  | 0.64 | <0.02 | 53   | 0.5  | 0.05 | 6.3 |
| 1301149 | Soil    | 6.0  | 39.8 | 0.60 | 314.2 | 0.005 | 3    | 2.45 | 0.002  | 0.06 | <0.1 | 4.6  | 0.29 | <0.02 | 33   | 0.4  | 0.08 | 6.9 |
| 1301150 | Soil    | 7.3  | 36.3 | 0.61 | 364.6 | 0.012 | 2    | 2.13 | 0.004  | 0.09 | <0.1 | 4.1  | 0.48 | <0.02 | 21   | 0.5  | 0.07 | 5.4 |

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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1301151 | Soil | 12.10 | 22.82 | 15.19 | 44.6  | 251  | 11.3 | 2.6  | 54   | 2.68 | 28.3 | 0.6  | 0.8  | 1.6  | 25.3 | 0.31 | 2.14 | 0.19 | 72   | 0.03  | 0.036 |
| 1301152 | Soil | 11.68 | 16.84 | 15.09 | 37.4  | 295  | 9.4  | 1.5  | 24   | 1.85 | 24.6 | 0.5  | 0.5  | 1.0  | 26.0 | 0.20 | 1.80 | 0.21 | 56   | 0.02  | 0.026 |
| 1301153 | Soil | 17.41 | 17.89 | 12.76 | 61.4  | 580  | 16.3 | 3.3  | 88   | 3.58 | 44.8 | 0.9  | <0.2 | 1.5  | 44.8 | 0.40 | 4.34 | 0.14 | 150  | 0.10  | 0.084 |
| 1301154 | Soil | 11.88 | 8.76  | 12.18 | 26.0  | 579  | 8.5  | 2.1  | 63   | 2.11 | 13.7 | 0.6  | <0.2 | 1.0  | 26.9 | 0.11 | 2.21 | 0.16 | 117  | 0.06  | 0.022 |
| 1301155 | Soil | 8.98  | 13.82 | 12.23 | 49.1  | 437  | 16.7 | 5.8  | 186  | 3.28 | 21.8 | 0.6  | 3.7  | 2.5  | 26.0 | 0.20 | 3.23 | 0.18 | 137  | 0.09  | 0.052 |
| 1301156 | Soil | 8.04  | 17.08 | 14.17 | 141.7 | 425  | 26.8 | 6.3  | 215  | 3.37 | 19.5 | 0.6  | 0.4  | 2.0  | 21.9 | 0.83 | 1.69 | 0.27 | 120  | 0.10  | 0.060 |
| 1301157 | Soil | 11.07 | 6.98  | 7.30  | 16.3  | 215  | 4.5  | 0.8  | 19   | 0.69 | 6.6  | 0.7  | <0.2 | 0.3  | 14.7 | 0.31 | 2.21 | 0.13 | 121  | 0.03  | 0.021 |
| 1301158 | Soil | 7.07  | 22.53 | 13.13 | 69.9  | 190  | 21.0 | 4.7  | 110  | 2.83 | 14.8 | 0.5  | 0.9  | 1.5  | 14.3 | 0.42 | 1.54 | 0.17 | 83   | 0.06  | 0.029 |
| 1301159 | Soil | 6.79  | 28.29 | 12.64 | 63.5  | 129  | 18.9 | 3.5  | 78   | 2.23 | 14.1 | 0.8  | 1.4  | 2.2  | 14.7 | 0.45 | 1.54 | 0.16 | 53   | 0.05  | 0.023 |
| 1301160 | Soil | 6.79  | 25.27 | 13.46 | 61.2  | 265  | 18.9 | 4.2  | 92   | 2.33 | 13.3 | 0.6  | 6.7  | 2.2  | 14.3 | 0.37 | 1.57 | 0.18 | 54   | 0.05  | 0.020 |
| 1301161 | Soil | 5.45  | 19.90 | 12.75 | 55.5  | 185  | 15.9 | 4.4  | 150  | 2.45 | 11.7 | 0.5  | 1.4  | 2.2  | 12.6 | 0.29 | 1.18 | 0.17 | 72   | 0.06  | 0.024 |
| 1301162 | Soil | 5.92  | 25.17 | 16.16 | 57.9  | 201  | 18.7 | 4.6  | 125  | 2.66 | 13.4 | 0.5  | 0.3  | 2.3  | 15.3 | 0.33 | 1.24 | 0.18 | 68   | 0.07  | 0.027 |
| 1301163 | Soil | 4.28  | 39.74 | 13.57 | 100.3 | 249  | 35.3 | 6.2  | 151  | 2.38 | 12.4 | 0.9  | 0.9  | 2.1  | 14.5 | 0.42 | 1.89 | 0.16 | 44   | 0.06  | 0.032 |
| 1301164 | Soil | 5.19  | 21.91 | 19.55 | 55.0  | 100  | 20.5 | 5.1  | 195  | 3.39 | 14.5 | 0.4  | 1.2  | 2.1  | 16.1 | 0.29 | 1.02 | 0.21 | 75   | 0.06  | 0.042 |
| 1301165 | Soil | 4.66  | 32.98 | 17.24 | 51.8  | 177  | 19.7 | 3.7  | 85   | 2.34 | 12.6 | 0.7  | 1.3  | 1.4  | 19.3 | 0.29 | 1.34 | 0.19 | 36   | 0.06  | 0.041 |
| 1301166 | Soil | 4.32  | 23.11 | 15.30 | 48.1  | 117  | 16.0 | 3.7  | 111  | 2.41 | 12.6 | 0.4  | 1.4  | 1.9  | 17.4 | 0.18 | 1.11 | 0.19 | 53   | 0.06  | 0.030 |
| 1301167 | Soil | 4.82  | 34.85 | 19.04 | 55.3  | 108  | 21.5 | 4.0  | 78   | 2.23 | 12.3 | 0.4  | 1.1  | 1.5  | 21.1 | 0.19 | 1.04 | 0.19 | 38   | 0.06  | 0.035 |
| 1301168 | Soil | 3.55  | 32.94 | 15.37 | 81.9  | 137  | 39.0 | 10.8 | 202  | 3.25 | 14.0 | 0.5  | 2.8  | 3.3  | 15.0 | 0.36 | 1.32 | 0.21 | 66   | 0.08  | 0.034 |
| 1301169 | Soil | 2.60  | 19.99 | 14.69 | 69.1  | 96   | 17.5 | 5.5  | 191  | 2.59 | 10.1 | 0.3  | 1.9  | 2.0  | 10.7 | 0.27 | 0.90 | 0.23 | 68   | 0.07  | 0.032 |
| 1301170 | Soil | 2.03  | 23.82 | 11.04 | 94.9  | 147  | 21.5 | 9.6  | 542  | 2.89 | 8.7  | 0.3  | 2.0  | 1.4  | 10.9 | 0.59 | 0.69 | 0.25 | 74   | 0.12  | 0.047 |
| 1301171 | Soil | 1.87  | 39.87 | 19.75 | 91.0  | 62   | 45.1 | 15.7 | 326  | 3.38 | 11.6 | 0.5  | 2.7  | 3.4  | 10.0 | 0.22 | 1.09 | 0.24 | 54   | 0.10  | 0.030 |
| 1301172 | Soil | 3.75  | 68.42 | 44.76 | 157.7 | 91   | 70.3 | 21.0 | 385  | 4.59 | 23.8 | 0.5  | 3.1  | 2.6  | 18.7 | 0.42 | 2.91 | 0.25 | 56   | 0.04  | 0.051 |
| 1301173 | Soil | 3.01  | 34.45 | 21.83 | 110.7 | 157  | 36.7 | 11.9 | 581  | 3.59 | 10.6 | 0.4  | 2.2  | 1.5  | 8.6  | 0.35 | 1.08 | 0.25 | 69   | 0.05  | 0.082 |
| 1301174 | Soil | 22.47 | 22.35 | 18.31 | 18.7  | 588  | 5.1  | 0.9  | 10   | 5.28 | 31.6 | 0.3  | 2.5  | 3.0  | 14.1 | 0.01 | 1.64 | 0.32 | 33   | 0.02  | 0.042 |
| 1301175 | Soil | 1.83  | 28.44 | 12.86 | 65.3  | 39   | 24.4 | 6.2  | 147  | 3.28 | 8.3  | 0.3  | 1.7  | 1.1  | 6.1  | 0.11 | 0.71 | 0.19 | 70   | 0.04  | 0.052 |
| 1301176 | Soil | 2.34  | 18.57 | 19.86 | 63.3  | 113  | 20.9 | 8.8  | 362  | 2.58 | 7.4  | 0.4  | 4.2  | 1.3  | 7.7  | 0.20 | 0.58 | 0.18 | 51   | 0.08  | 0.059 |
| 1301177 | Soil | 1.47  | 36.67 | 19.31 | 36.7  | 331  | 29.4 | 4.9  | 118  | 1.83 | 5.6  | 1.2  | 2.0  | 0.8  | 18.5 | 0.77 | 0.35 | 0.19 | 49   | 0.16  | 0.067 |
| 1301178 | Soil | 2.31  | 23.67 | 18.57 | 62.8  | 91   | 21.8 | 7.0  | 187  | 3.82 | 10.2 | 0.4  | 2.4  | 2.5  | 7.1  | 0.17 | 0.72 | 0.24 | 73   | 0.06  | 0.050 |
| 1301179 | Soil | 2.43  | 18.36 | 17.27 | 66.5  | 139  | 25.0 | 8.3  | 239  | 3.98 | 11.9 | 0.4  | 1.3  | 2.3  | 13.2 | 0.19 | 0.65 | 0.22 | 78   | 0.20  | 0.057 |
| 1301180 | Soil | 2.17  | 32.35 | 23.14 | 84.0  | 161  | 34.1 | 12.9 | 425  | 3.26 | 9.2  | 0.5  | 2.0  | 1.3  | 11.1 | 0.42 | 0.79 | 0.22 | 61   | 0.12  | 0.070 |





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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301151 | Soil    | 3.7  | 16.3 | 0.10 | 611.5 | 0.003 | 4    | 0.97 | 0.017 | 0.11 | <0.1 | 2.2  | 1.30 | 0.17  | 14   | 3.9  | 0.12 | 3.3 |
| 1301152 | Soil    | 2.4  | 11.1 | 0.05 | 538.7 | 0.001 | 4    | 0.66 | 0.022 | 0.13 | <0.1 | 1.7  | 1.60 | 0.21  | 11   | 3.5  | 0.05 | 2.5 |
| 1301153 | Soil    | 5.0  | 22.9 | 0.15 | 1237  | 0.008 | 4    | 1.10 | 0.012 | 0.11 | <0.1 | 2.0  | 1.25 | 0.16  | 21   | 3.2  | 0.12 | 4.3 |
| 1301154 | Soil    | 3.6  | 16.4 | 0.14 | 695.7 | 0.005 | 2    | 0.96 | 0.009 | 0.08 | <0.1 | 1.6  | 1.34 | 0.12  | <5   | 3.6  | 0.12 | 3.3 |
| 1301155 | Soil    | 9.0  | 31.0 | 0.26 | 1073  | 0.015 | 2    | 2.15 | 0.004 | 0.05 | 0.1  | 3.0  | 0.73 | 0.04  | 28   | 1.5  | 0.08 | 7.4 |
| 1301156 | Soil    | 7.7  | 29.6 | 0.26 | 673.0 | 0.015 | 3    | 2.02 | 0.007 | 0.07 | 0.1  | 2.9  | 0.77 | 0.05  | 24   | 1.7  | 0.12 | 6.9 |
| 1301157 | Soil    | 4.0  | 8.4  | 0.03 | 354.3 | 0.005 | 1    | 0.55 | 0.004 | 0.06 | <0.1 | 0.9  | 0.79 | <0.02 | 11   | 1.8  | 0.06 | 3.1 |
| 1301158 | Soil    | 6.6  | 24.8 | 0.22 | 406.0 | 0.006 | 3    | 1.61 | 0.006 | 0.08 | <0.1 | 2.6  | 0.71 | 0.05  | 18   | 2.2  | 0.08 | 4.8 |
| 1301159 | Soil    | 6.4  | 19.5 | 0.19 | 587.9 | 0.005 | 3    | 1.15 | 0.006 | 0.08 | <0.1 | 3.2  | 0.76 | 0.05  | 38   | 2.1  | 0.05 | 3.3 |
| 1301160 | Soil    | 5.7  | 21.0 | 0.20 | 422.4 | 0.005 | 3    | 1.17 | 0.013 | 0.10 | <0.1 | 2.7  | 0.95 | 0.10  | 14   | 2.2  | 0.03 | 3.6 |
| 1301161 | Soil    | 7.7  | 25.0 | 0.25 | 425.3 | 0.009 | 2    | 1.52 | 0.006 | 0.09 | <0.1 | 2.7  | 0.59 | 0.04  | 26   | 1.6  | 0.05 | 4.9 |
| 1301162 | Soil    | 6.5  | 27.2 | 0.26 | 416.0 | 0.008 | 4    | 1.64 | 0.011 | 0.10 | <0.1 | 3.2  | 0.83 | 0.08  | 13   | 1.7  | 0.03 | 5.1 |
| 1301163 | Soil    | 5.8  | 27.2 | 0.26 | 470.5 | 0.008 | 2    | 0.97 | 0.007 | 0.10 | <0.1 | 3.9  | 0.36 | 0.07  | 51   | 1.9  | 0.06 | 3.1 |
| 1301164 | Soil    | 6.1  | 29.0 | 0.22 | 270.4 | 0.009 | 3    | 1.66 | 0.003 | 0.09 | <0.1 | 2.9  | 0.37 | 0.03  | 50   | 0.9  | 0.06 | 6.1 |
| 1301165 | Soil    | 4.9  | 22.1 | 0.20 | 347.3 | 0.008 | 4    | 0.78 | 0.008 | 0.10 | <0.1 | 2.6  | 0.43 | 0.10  | 66   | 0.9  | 0.03 | 2.8 |
| 1301166 | Soil    | 6.4  | 23.6 | 0.23 | 267.0 | 0.009 | 3    | 1.15 | 0.006 | 0.10 | <0.1 | 2.7  | 0.41 | 0.06  | 20   | 0.8  | 0.07 | 4.1 |
| 1301167 | Soil    | 4.4  | 23.1 | 0.19 | 284.3 | 0.005 | 3    | 0.83 | 0.010 | 0.13 | <0.1 | 2.4  | 0.50 | 0.11  | 46   | 1.0  | 0.09 | 3.2 |
| 1301168 | Soil    | 8.0  | 34.2 | 0.47 | 294.5 | 0.015 | 4    | 1.97 | 0.007 | 0.13 | <0.1 | 4.5  | 0.45 | 0.06  | 46   | 0.9  | 0.12 | 5.4 |
| 1301169 | Soil    | 7.0  | 25.0 | 0.25 | 303.0 | 0.008 | 2    | 1.51 | 0.004 | 0.09 | <0.1 | 2.5  | 0.35 | 0.04  | 19   | 0.3  | 0.06 | 6.3 |
| 1301170 | Soil    | 6.5  | 28.8 | 0.32 | 572.8 | 0.009 | 2    | 1.48 | 0.003 | 0.10 | <0.1 | 2.5  | 0.17 | <0.02 | 29   | 0.2  | 0.07 | 6.6 |
| 1301171 | Soil    | 5.8  | 37.5 | 0.61 | 328.8 | 0.006 | 3    | 2.03 | 0.002 | 0.09 | <0.1 | 4.3  | 0.27 | <0.02 | 26   | 0.6  | 0.08 | 5.7 |
| 1301172 | Soil    | 3.6  | 40.2 | 0.58 | 291.3 | 0.004 | 2    | 2.33 | 0.001 | 0.15 | <0.1 | 4.6  | 0.71 | 0.08  | 54   | 1.4  | 0.08 | 6.2 |
| 1301173 | Soil    | 5.0  | 33.9 | 0.29 | 727.5 | 0.004 | 2    | 1.83 | 0.001 | 0.09 | <0.1 | 3.0  | 0.23 | 0.04  | 59   | 0.7  | 0.06 | 7.2 |
| 1301174 | Soil    | 2.0  | 21.0 | 0.05 | 1489  | 0.001 | 3    | 0.59 | 0.003 | 0.08 | <0.1 | 2.9  | 0.87 | 0.07  | 310  | 2.6  | 0.19 | 4.2 |
| 1301175 | Soil    | 3.7  | 26.7 | 0.30 | 106.9 | 0.004 | 1    | 1.47 | 0.002 | 0.06 | <0.1 | 2.3  | 0.13 | <0.02 | 23   | 0.3  | 0.06 | 6.6 |
| 1301176 | Soil    | 7.2  | 29.5 | 0.29 | 186.6 | 0.008 | 2    | 1.32 | 0.006 | 0.07 | <0.1 | 2.4  | 0.20 | <0.02 | 46   | 0.3  | 0.06 | 5.2 |
| 1301177 | Soil    | 14.4 | 29.6 | 0.19 | 1042  | 0.006 | 1    | 1.54 | 0.004 | 0.06 | <0.1 | 3.4  | 0.16 | 0.03  | 71   | 0.4  | 0.04 | 6.1 |
| 1301178 | Soil    | 7.0  | 36.6 | 0.34 | 139.8 | 0.006 | 2    | 1.87 | 0.002 | 0.07 | <0.1 | 3.2  | 0.21 | <0.02 | 46   | 0.5  | 0.05 | 6.9 |
| 1301179 | Soil    | 8.1  | 35.1 | 0.39 | 255.1 | 0.014 | 2    | 1.73 | 0.003 | 0.07 | 0.1  | 2.9  | 0.16 | 0.02  | 40   | 0.3  | 0.06 | 6.9 |
| 1301180 | Soil    | 7.0  | 35.6 | 0.41 | 328.4 | 0.007 | 2    | 1.46 | 0.004 | 0.08 | 0.1  | 2.9  | 0.18 | 0.04  | 53   | 0.4  | 0.06 | 5.6 |

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| Method  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1301181 | Soil | 2.13 | 30.44 | 21.60 | 69.9  | 157  | 37.6  | 13.4 | 334  | 2.81 | 9.8  | 0.5  | 2.6  | 1.4  | 11.9 | 0.14 | 0.88 | 0.17 | 48   | 0.09  | 0.050 |
| 1301182 | Soil | 3.52 | 35.92 | 25.68 | 91.5  | 335  | 42.0  | 15.1 | 380  | 3.14 | 12.2 | 0.7  | 3.6  | 1.9  | 11.4 | 0.19 | 1.35 | 0.18 | 61   | 0.08  | 0.044 |
| 1301183 | Soil | 2.21 | 38.54 | 20.07 | 77.3  | 106  | 38.4  | 12.6 | 397  | 3.48 | 9.5  | 0.6  | 2.0  | 1.4  | 7.5  | 0.10 | 0.84 | 0.23 | 63   | 0.06  | 0.080 |
| 1301184 | Soil | 2.07 | 57.33 | 27.07 | 94.5  | 188  | 57.5  | 17.2 | 302  | 4.46 | 12.7 | 0.5  | 2.0  | 1.8  | 11.9 | 0.24 | 1.02 | 0.31 | 65   | 0.14  | 0.092 |
| 1301185 | Soil | 1.90 | 51.10 | 15.97 | 88.4  | 104  | 51.6  | 14.6 | 334  | 3.45 | 7.9  | 0.4  | 1.7  | 1.8  | 8.5  | 0.08 | 0.67 | 0.25 | 61   | 0.10  | 0.053 |
| 1301186 | Soil | 1.65 | 50.85 | 24.82 | 92.5  | 225  | 60.2  | 22.3 | 412  | 3.40 | 8.6  | 0.5  | 2.2  | 2.4  | 15.0 | 0.23 | 0.77 | 0.25 | 51   | 0.18  | 0.066 |
| 1301187 | Soil | 1.48 | 55.34 | 19.97 | 93.2  | 183  | 58.0  | 18.3 | 314  | 3.39 | 7.7  | 0.5  | 2.3  | 2.0  | 8.7  | 0.21 | 0.76 | 0.25 | 53   | 0.13  | 0.072 |
| 1301188 | Soil | 2.07 | 34.72 | 17.99 | 71.6  | 148  | 35.4  | 12.3 | 405  | 3.06 | 9.1  | 0.5  | 1.9  | 0.9  | 13.2 | 0.26 | 0.75 | 0.21 | 54   | 0.15  | 0.081 |
| 1301189 | Soil | 1.89 | 38.82 | 16.96 | 80.5  | 120  | 43.9  | 14.6 | 454  | 3.37 | 9.2  | 0.7  | 2.0  | 1.6  | 11.6 | 0.17 | 0.91 | 0.20 | 54   | 0.06  | 0.077 |
| 1301190 | Soil | 1.94 | 34.58 | 16.89 | 67.8  | 138  | 39.6  | 13.3 | 323  | 3.13 | 8.8  | 0.4  | 1.2  | 0.9  | 9.2  | 0.12 | 0.78 | 0.22 | 55   | 0.12  | 0.056 |
| 1301191 | Soil | 2.36 | 51.61 | 30.43 | 135.2 | 182  | 60.0  | 24.8 | 765  | 3.58 | 9.8  | 0.5  | 3.2  | 2.3  | 12.0 | 0.43 | 1.00 | 0.23 | 55   | 0.19  | 0.082 |
| 1301192 | Soil | 2.38 | 32.99 | 13.93 | 55.5  | 66   | 18.2  | 5.5  | 140  | 2.62 | 8.4  | 0.5  | 3.3  | 1.0  | 5.9  | 0.09 | 0.62 | 0.22 | 71   | 0.05  | 0.077 |
| 1301193 | Soil | 1.62 | 41.77 | 24.14 | 89.5  | 286  | 40.1  | 13.8 | 433  | 3.19 | 6.8  | 0.8  | 1.9  | 1.3  | 21.3 | 0.25 | 0.49 | 0.23 | 54   | 0.33  | 0.131 |
| 1301194 | Soil | 4.56 | 25.86 | 43.83 | 91.9  | 97   | 27.7  | 5.3  | 105  | 2.41 | 11.3 | 0.4  | 2.4  | 2.0  | 13.3 | 0.47 | 1.07 | 0.16 | 50   | 0.05  | 0.029 |
| 1301195 | Soil | 4.45 | 26.98 | 174.7 | 64.7  | 121  | 12.6  | 3.3  | 90   | 2.79 | 12.3 | 0.3  | 1.0  | 2.0  | 10.3 | 0.28 | 1.07 | 0.17 | 58   | 0.05  | 0.024 |
| 1301196 | Soil | 4.25 | 19.52 | 65.13 | 60.1  | 100  | 11.0  | 3.1  | 80   | 2.47 | 10.5 | 0.3  | 2.1  | 1.8  | 14.7 | 0.28 | 0.75 | 0.19 | 59   | 0.09  | 0.025 |
| 1301197 | Soil | 4.46 | 19.50 | 13.46 | 58.4  | 215  | 18.9  | 3.6  | 47   | 2.52 | 12.3 | 0.2  | 1.1  | 1.4  | 8.1  | 0.14 | 1.04 | 0.19 | 68   | 0.02  | 0.026 |
| 1301198 | Soil | 9.65 | 24.18 | 34.30 | 29.0  | 85   | 4.0   | 0.8  | 23   | 2.62 | 24.0 | 0.2  | 1.0  | 1.1  | 8.2  | 0.09 | 1.32 | 0.23 | 47   | 0.04  | 0.032 |
| 1301199 | Soil | 1.89 | 11.54 | 19.98 | 60.3  | 58   | 10.3  | 2.2  | 71   | 1.47 | 4.8  | 0.3  | 2.5  | 1.3  | 8.9  | 0.34 | 0.49 | 0.13 | 57   | 0.06  | 0.013 |
| 1301200 | Soil | 2.04 | 17.15 | 10.40 | 55.9  | 50   | 22.0  | 7.4  | 186  | 2.17 | 8.3  | 0.6  | 3.1  | 3.2  | 12.5 | 0.11 | 0.68 | 0.12 | 53   | 0.10  | 0.017 |
| 1301201 | Soil | 2.30 | 14.39 | 26.59 | 62.8  | 60   | 14.5  | 3.5  | 81   | 2.12 | 7.2  | 0.3  | 1.0  | 2.2  | 10.5 | 0.27 | 0.70 | 0.18 | 71   | 0.05  | 0.022 |
| 1301202 | Soil | 2.26 | 15.77 | 19.90 | 113.3 | 66   | 26.4  | 6.0  | 176  | 2.69 | 9.3  | 0.4  | 1.0  | 2.4  | 10.2 | 0.35 | 0.68 | 0.17 | 77   | 0.08  | 0.020 |
| 1301203 | Soil | 2.76 | 28.20 | 28.91 | 199.3 | 22   | 36.0  | 6.4  | 151  | 2.73 | 9.0  | 0.3  | 1.2  | 1.8  | 6.7  | 0.42 | 0.87 | 0.19 | 79   | 0.06  | 0.031 |
| 1301204 | Soil | 1.66 | 18.25 | 18.36 | 161.8 | 69   | 17.1  | 3.8  | 117  | 1.62 | 4.6  | 0.3  | 0.6  | 0.8  | 6.2  | 0.51 | 0.55 | 0.18 | 61   | 0.04  | 0.030 |
| 1301205 | Soil | 2.16 | 28.20 | 61.41 | 420.0 | 85   | 47.4  | 12.1 | 615  | 2.91 | 8.2  | 0.4  | 5.8  | 1.9  | 13.9 | 2.92 | 0.83 | 0.27 | 66   | 0.21  | 0.054 |
| 1301206 | Soil | 1.88 | 36.57 | 54.74 | 340.4 | 93   | 48.2  | 13.4 | 317  | 3.17 | 8.0  | 0.4  | 2.4  | 2.6  | 13.4 | 1.47 | 0.91 | 0.24 | 50   | 0.18  | 0.044 |
| 1301207 | Soil | 1.64 | 22.93 | 75.41 | 504.2 | 90   | 40.0  | 12.7 | 624  | 2.77 | 5.4  | 0.3  | 1.5  | 1.7  | 26.1 | 4.06 | 0.66 | 0.21 | 53   | 0.40  | 0.045 |
| 1301208 | Soil | 1.46 | 23.36 | 54.72 | 593.3 | 191  | 46.6  | 15.0 | 584  | 2.87 | 5.9  | 0.4  | 1.2  | 1.6  | 27.8 | 4.64 | 0.66 | 0.21 | 47   | 0.33  | 0.059 |
| 1301209 | Soil | 2.34 | 35.37 | 85.18 | 333.0 | 174  | 48.4  | 11.9 | 306  | 2.47 | 7.7  | 0.7  | 3.7  | 2.2  | 20.6 | 1.80 | 0.84 | 0.17 | 43   | 0.19  | 0.052 |
| 1301210 | Soil | 6.34 | 104.0 | 19.18 | 166.1 | 962  | 101.6 | 10.3 | 137  | 3.40 | 17.3 | 3.6  | 5.5  | 1.7  | 66.9 | 6.68 | 1.33 | 0.23 | 84   | 0.28  | 0.082 |

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 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   | ppm  |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1301181 | Soil    | 7.2  | 32.6 | 0.45 | 157.1 | 0.011 | 2    | 1.39 | 0.005  | 0.08 | 0.1  | 2.8  | 0.21 | 0.04  | 59   | 0.4  | 0.04  | 4.4  |
| 1301182 | Soil    | 8.0  | 38.3 | 0.53 | 151.7 | 0.017 | 3    | 1.75 | 0.003  | 0.10 | 0.1  | 3.5  | 0.32 | 0.03  | 66   | 0.6  | 0.06  | 5.5  |
| 1301183 | Soil    | 5.9  | 39.1 | 0.48 | 177.9 | 0.006 | 2    | 1.89 | 0.002  | 0.09 | 0.1  | 3.1  | 0.19 | 0.04  | 73   | 0.5  | 0.06  | 6.3  |
| 1301184 | Soil    | 2.8  | 47.8 | 0.70 | 389.5 | 0.002 | 3    | 2.47 | 0.001  | 0.13 | <0.1 | 4.9  | 0.23 | 0.05  | 61   | 0.4  | 0.07  | 7.5  |
| 1301185 | Soil    | 3.3  | 42.0 | 0.66 | 257.3 | 0.002 | 3    | 2.14 | 0.002  | 0.14 | <0.1 | 4.2  | 0.18 | 0.03  | 31   | 0.3  | 0.07  | 6.9  |
| 1301186 | Soil    | 3.0  | 42.1 | 0.75 | 342.7 | 0.002 | 4    | 1.97 | 0.003  | 0.15 | <0.1 | 4.8  | 0.23 | 0.04  | 60   | 0.4  | 0.09  | 5.9  |
| 1301187 | Soil    | 2.6  | 43.1 | 0.77 | 260.6 | 0.001 | 3    | 2.07 | 0.001  | 0.16 | <0.1 | 4.4  | 0.17 | 0.04  | 61   | 0.2  | 0.07  | 6.1  |
| 1301188 | Soil    | 7.6  | 33.6 | 0.44 | 266.3 | 0.008 | 3    | 1.60 | 0.004  | 0.11 | <0.1 | 2.7  | 0.19 | 0.06  | 81   | 0.4  | 0.04  | 5.4  |
| 1301189 | Soil    | 6.4  | 39.6 | 0.52 | 164.7 | 0.006 | 3    | 1.71 | 0.004  | 0.10 | <0.1 | 4.1  | 0.22 | 0.05  | 79   | 0.4  | 0.06  | 5.6  |
| 1301190 | Soil    | 5.7  | 36.5 | 0.51 | 179.2 | 0.008 | 3    | 1.50 | 0.004  | 0.10 | <0.1 | 2.5  | 0.13 | 0.03  | 48   | 0.3  | 0.06  | 5.6  |
| 1301191 | Soil    | 4.2  | 45.9 | 0.66 | 574.7 | 0.003 | 2    | 2.08 | 0.002  | 0.12 | <0.1 | 4.9  | 0.23 | 0.06  | 80   | 0.4  | 0.08  | 5.9  |
| 1301192 | Soil    | 5.7  | 32.2 | 0.23 | 201.5 | 0.004 | 2    | 1.53 | 0.002  | 0.11 | <0.1 | 2.3  | 0.18 | 0.04  | 58   | 0.4  | 0.08  | 7.2  |
| 1301193 | Soil    | 5.2  | 43.0 | 0.52 | 544.9 | 0.003 | 3    | 1.83 | 0.004  | 0.11 | <0.1 | 3.8  | 0.19 | 0.06  | 79   | 0.4  | 0.08  | 6.0  |
| 1301194 | Soil    | 6.3  | 27.4 | 0.25 | 291.0 | 0.007 | 2    | 1.17 | 0.006  | 0.07 | <0.1 | 2.2  | 0.44 | 0.04  | 19   | 1.0  | 0.03  | 4.0  |
| 1301195 | Soil    | 6.6  | 25.8 | 0.20 | 209.0 | 0.010 | 1    | 1.23 | 0.006  | 0.06 | <0.1 | 1.9  | 0.41 | 0.05  | 19   | 0.6  | 0.07  | 4.7  |
| 1301196 | Soil    | 6.8  | 24.1 | 0.18 | 218.8 | 0.009 | <1   | 1.16 | 0.010  | 0.07 | <0.1 | 1.9  | 0.53 | 0.06  | 32   | 0.5  | 0.03  | 5.1  |
| 1301197 | Soil    | 5.6  | 23.7 | 0.11 | 321.0 | 0.004 | <1   | 1.35 | 0.003  | 0.07 | <0.1 | 1.9  | 0.36 | 0.02  | 11   | 0.3  | 0.08  | 5.1  |
| 1301198 | Soil    | 2.9  | 18.7 | 0.05 | 206.6 | 0.003 | 1    | 0.66 | 0.003  | 0.09 | <0.1 | 1.0  | 0.47 | 0.03  | 20   | 0.6  | 0.09  | 3.7  |
| 1301199 | Soil    | 9.5  | 15.5 | 0.11 | 219.6 | 0.014 | <1   | 1.03 | 0.005  | 0.04 | <0.1 | 1.3  | 0.16 | <0.02 | 8    | 0.2  | 0.05  | 5.0  |
| 1301200 | Soil    | 11.6 | 29.2 | 0.37 | 273.7 | 0.021 | 1    | 1.55 | 0.004  | 0.05 | <0.1 | 2.9  | 0.20 | <0.02 | 24   | 0.3  | 0.02  | 4.5  |
| 1301201 | Soil    | 9.8  | 21.7 | 0.15 | 224.6 | 0.014 | <1   | 1.21 | 0.003  | 0.04 | 0.1  | 1.7  | 0.27 | <0.02 | 14   | 0.2  | 0.06  | 5.7  |
| 1301202 | Soil    | 10.1 | 28.3 | 0.27 | 256.5 | 0.019 | <1   | 1.82 | 0.004  | 0.04 | 0.1  | 2.4  | 0.24 | <0.02 | 23   | 0.3  | <0.02 | 6.9  |
| 1301203 | Soil    | 7.4  | 28.2 | 0.22 | 251.1 | 0.009 | 1    | 1.30 | <0.001 | 0.05 | <0.1 | 2.7  | 0.30 | <0.02 | 12   | 0.3  | 0.08  | 7.1  |
| 1301204 | Soil    | 9.7  | 16.9 | 0.09 | 181.7 | 0.014 | <1   | 0.98 | 0.004  | 0.04 | <0.1 | 1.6  | 0.25 | <0.02 | 19   | 0.2  | 0.03  | 6.1  |
| 1301205 | Soil    | 6.1  | 36.4 | 0.45 | 543.5 | 0.006 | 2    | 1.98 | 0.004  | 0.08 | <0.1 | 3.9  | 0.38 | <0.02 | 20   | 0.2  | 0.05  | 6.4  |
| 1301206 | Soil    | 6.0  | 33.4 | 0.55 | 699.2 | 0.003 | 1    | 1.75 | 0.003  | 0.12 | <0.1 | 4.6  | 0.30 | <0.02 | 20   | 0.4  | 0.08  | 5.3  |
| 1301207 | Soil    | 4.3  | 33.3 | 0.47 | 879.5 | 0.003 | 3    | 1.82 | 0.005  | 0.15 | <0.1 | 4.2  | 0.25 | <0.02 | 15   | 0.2  | 0.05  | 5.6  |
| 1301208 | Soil    | 5.1  | 31.3 | 0.45 | 920.4 | 0.004 | 2    | 1.71 | 0.007  | 0.18 | <0.1 | 3.9  | 0.28 | 0.03  | 36   | 0.3  | 0.07  | 5.4  |
| 1301209 | Soil    | 6.9  | 28.6 | 0.42 | 535.2 | 0.011 | 2    | 1.16 | 0.006  | 0.09 | <0.1 | 3.8  | 0.45 | 0.03  | 69   | 0.7  | 0.04  | 3.8  |
| 1301210 | Soil    | 7.8  | 36.1 | 0.33 | 1676  | 0.002 | 2    | 1.51 | 0.006  | 0.11 | <0.1 | 9.6  | 0.60 | 0.10  | 225  | 4.4  | 0.10  | 4.1  |



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 Report Date: August 10, 2012

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Part: 1 of 2

**CERTIFICATE OF ANALYSIS**

**DAW12000133.1**

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301211 | Soil    |      |     | 3.82    | 25.40   | 11.32   | 68.2    | 417     | 28.0    | 7.0     | 161     | 2.87    | 11.8    | 0.6    | 5.3     | 2.6     | 12.8    | 0.32    | 1.32    | 0.16    | 72     | 0.05    | 0.030  |
| 1301212 | Soil    |      |     | 4.91    | 15.99   | 12.77   | 39.9    | 173     | 14.3    | 4.2     | 74      | 2.83    | 14.1    | 0.7    | 3.1     | 2.5     | 15.4    | 0.28    | 1.21    | 0.19    | 89     | 0.07    | 0.027  |
| 1301213 | Soil    |      |     | 7.60    | 29.60   | 10.00   | 74.3    | 296     | 24.7    | 7.9     | 182     | 2.64    | 14.2    | 1.6    | 3.2     | 2.3     | 30.1    | 0.54    | 2.35    | 0.14    | 69     | 0.09    | 0.037  |
| 1301214 | Soil    |      |     | 7.87    | 21.10   | 11.34   | 70.2    | 254     | 23.0    | 5.0     | 118     | 2.41    | 17.9    | 0.9    | 2.0     | 1.0     | 25.2    | 0.41    | 2.42    | 0.15    | 83     | 0.06    | 0.046  |
| 1301215 | Soil    |      |     | 5.94    | 9.22    | 10.30   | 36.1    | 138     | 10.1    | 3.0     | 105     | 1.81    | 12.9    | 0.4    | 1.3     | 1.8     | 16.6    | 0.15    | 1.99    | 0.16    | 83     | 0.08    | 0.022  |
| 1301216 | Soil    |      |     | 6.17    | 22.17   | 11.95   | 59.7    | 269     | 23.4    | 6.5     | 146     | 3.16    | 18.5    | 0.8    | 1.8     | 2.2     | 21.1    | 0.44    | 2.03    | 0.19    | 93     | 0.08    | 0.048  |
| 1301217 | Soil    |      |     | 9.87    | 40.25   | 14.50   | 136.2   | 222     | 31.6    | 5.1     | 99      | 4.43    | 29.5    | 0.7    | 0.5     | 1.6     | 31.5    | 0.53    | 2.95    | 0.20    | 147    | 0.07    | 0.083  |
| 1301218 | Soil    |      |     | 11.02   | 10.39   | 11.05   | 35.5    | 202     | 9.2     | 2.8     | 115     | 2.38    | 19.1    | 0.6    | 3.3     | 1.7     | 19.7    | 0.23    | 2.48    | 0.20    | 122    | 0.09    | 0.029  |
| 1301219 | Soil    |      |     | 13.08   | 39.24   | 13.55   | 60.9    | 581     | 21.2    | 5.2     | 173     | 2.32    | 24.8    | 1.4    | 6.3     | 0.4     | 32.6    | 0.72    | 4.31    | 0.21    | 91     | 0.10    | 0.066  |
| 1301220 | Soil    |      |     | 1.50    | 20.99   | 29.43   | 208.0   | 68      | 29.3    | 9.9     | 278     | 2.61    | 6.2     | 0.3    | 0.4     | 1.6     | 10.3    | 0.77    | 0.53    | 0.16    | 58     | 0.13    | 0.027  |
| 1301221 | Soil    |      |     | 22.05   | 25.27   | 11.16   | 28.2    | 435     | 17.1    | 1.7     | 40      | 1.77    | 22.1    | 2.9    | 3.0     | 0.8     | 65.6    | 0.33    | 3.46    | 0.17    | 103    | 0.05    | 0.029  |
| 1301222 | Soil    |      |     | 12.17   | 33.13   | 5.17    | 57.1    | 297     | 25.1    | 1.7     | 107     | 1.18    | 13.3    | 3.5    | 1.8     | 0.7     | 59.0    | 0.67    | 3.71    | 0.15    | 78     | 0.08    | 0.019  |
| 1301223 | Soil    |      |     | 8.68    | 15.20   | 5.56    | 14.1    | 213     | 7.8     | 0.9     | 20      | 0.49    | 4.5     | 2.0    | 1.2     | 0.1     | 18.6    | 0.39    | 0.53    | 0.16    | 66     | 0.03    | 0.023  |
| 1301224 | Soil    |      |     | 27.02   | 59.63   | 11.50   | 60.8    | 157     | 28.5    | 3.1     | 120     | 1.59    | 31.8    | 6.4    | 3.6     | 0.5     | 61.1    | 0.39    | 1.43    | 0.17    | 111    | 0.02    | 0.029  |
| 1301225 | Soil    |      |     | 22.29   | 8.94    | 8.99    | 28.1    | 227     | 7.6     | 0.5     | 14      | 0.40    | 5.3     | 2.6    | 0.7     | 0.4     | 42.1    | 0.25    | 1.73    | 0.17    | 253    | 0.03    | 0.026  |
| 1301226 | Soil    |      |     | 23.42   | 19.31   | 12.23   | 180.3   | 686     | 37.1    | 3.3     | 67      | 2.01    | 12.6    | 2.7    | 3.1     | 0.1     | 85.5    | 4.21    | 4.01    | 0.19    | 211    | 0.16    | 0.100  |
| 1301227 | Soil    |      |     | 7.68    | 19.75   | 13.47   | 40.2    | 1282    | 13.4    | 3.0     | 68      | 2.51    | 18.5    | 2.5    | 5.2     | 0.3     | 157.7   | 0.99    | 2.34    | 0.21    | 169    | 0.20    | 0.423  |
| 1301228 | Soil    |      |     | 4.11    | 25.68   | 12.81   | 76.3    | 905     | 28.2    | 9.8     | 211     | 3.42    | 13.7    | 0.6    | 4.8     | 2.9     | 14.0    | 0.21    | 1.15    | 0.20    | 95     | 0.07    | 0.031  |
| 1301229 | Soil    |      |     | 4.54    | 49.74   | 14.89   | 70.8    | 618     | 15.5    | 3.8     | 136     | 4.30    | 11.0    | 0.5    | 2.9     | 1.7     | 32.3    | 0.17    | 1.24    | 0.27    | 128    | 0.06    | 0.055  |
| 1301230 | Soil    |      |     | 4.31    | 53.77   | 15.24   | 93.8    | 1281    | 34.2    | 7.3     | 169     | 3.80    | 11.1    | 0.6    | 4.3     | 2.2     | 30.1    | 0.42    | 1.04    | 0.27    | 126    | 0.05    | 0.041  |
| 1301231 | Soil    |      |     | 1.51    | 43.15   | 23.52   | 73.6    | 973     | 33.2    | 8.0     | 207     | 1.96    | 5.6     | 1.2    | 4.8     | 1.2     | 13.7    | 0.62    | 0.49    | 0.18    | 35     | 0.09    | 0.090  |
| 1301232 | Soil    |      |     | 9.36    | 57.28   | 67.90   | 147.9   | 331     | 81.7    | 9.6     | 97      | 3.94    | 26.8    | 0.6    | 2.4     | 2.5     | 40.9    | 0.25    | 2.44    | 0.20    | 41     | 0.05    | 0.058  |
| 1301233 | Soil    |      |     | 1.49    | 19.17   | 10.50   | 39.1    | 171     | 12.6    | 4.7     | 108     | 1.71    | 4.9     | 0.3    | 1.3     | 0.4     | 9.1     | 0.19    | 0.39    | 0.14    | 45     | 0.11    | 0.043  |
| 1301234 | Soil    |      |     | 2.79    | 30.04   | 20.98   | 59.2    | 205     | 21.4    | 6.4     | 210     | 4.07    | 10.8    | 0.6    | 2.8     | 1.8     | 8.6     | 0.21    | 0.62    | 0.27    | 84     | 0.08    | 0.066  |
| 1301235 | Soil    |      |     | 1.93    | 27.43   | 17.72   | 76.9    | 154     | 32.6    | 13.2    | 419     | 3.51    | 9.8     | 0.6    | 6.5     | 1.9     | 11.2    | 0.22    | 0.64    | 0.19    | 64     | 0.13    | 0.069  |
| 1301236 | Soil    |      |     | 2.20    | 28.67   | 10.96   | 47.7    | 80      | 22.6    | 7.9     | 199     | 3.05    | 7.2     | 0.3    | 1.2     | 1.4     | 10.0    | 0.12    | 0.55    | 0.24    | 72     | 0.16    | 0.039  |
| 1301237 | Soil    |      |     | 2.52    | 38.24   | 17.55   | 92.3    | 234     | 42.4    | 15.6    | 528     | 3.26    | 9.1     | 0.5    | 1.7     | 1.5     | 16.7    | 0.37    | 0.81    | 0.21    | 58     | 0.16    | 0.075  |
| 1301238 | Soil    |      |     | 2.55    | 56.98   | 32.05   | 116.8   | 357     | 60.0    | 23.5    | 566     | 3.25    | 9.2     | 0.6    | 2.0     | 1.8     | 35.1    | 0.43    | 0.89    | 0.24    | 48     | 0.44    | 0.101  |
| 1301239 | Soil    |      |     | 2.12    | 34.46   | 17.54   | 76.8    | 179     | 39.2    | 15.0    | 442     | 2.89    | 7.9     | 0.5    | 2.3     | 0.9     | 17.6    | 0.28    | 0.72    | 0.18    | 50     | 0.24    | 0.084  |
| 1301241 | Soil    |      |     | 2.06    | 32.75   | 16.13   | 65.4    | 95      | 31.1    | 10.6    | 280     | 3.21    | 8.6     | 0.6    | 2.4     | 1.4     | 9.7     | 0.15    | 0.73    | 0.19    | 61     | 0.11    | 0.047  |



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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301211 | Soil    | 7.2  | 34.1 | 0.36 | 364.9 | 0.008  | 2    | 1.72 | 0.005 | 0.06 | <0.1 | 3.3  | 0.45 | 0.04  | 35   | 1.4  | 0.05 | 4.6 |
| 1301212 | Soil    | 7.9  | 25.9 | 0.18 | 642.7 | 0.008  | 1    | 1.68 | 0.002 | 0.04 | 0.1  | 2.4  | 0.33 | <0.02 | 23   | 0.8  | 0.06 | 5.4 |
| 1301213 | Soil    | 7.4  | 22.4 | 0.25 | 1211  | 0.014  | 2    | 0.91 | 0.008 | 0.07 | <0.1 | 3.6  | 0.67 | 0.09  | 30   | 1.9  | 0.09 | 2.7 |
| 1301214 | Soil    | 5.3  | 21.5 | 0.18 | 878.2 | 0.007  | 2    | 0.90 | 0.009 | 0.07 | <0.1 | 1.8  | 0.64 | 0.10  | 25   | 1.9  | 0.08 | 3.4 |
| 1301215 | Soil    | 8.5  | 17.5 | 0.13 | 441.4 | 0.011  | <1   | 1.00 | 0.003 | 0.04 | 0.1  | 1.5  | 0.42 | 0.02  | 10   | 0.8  | 0.09 | 4.6 |
| 1301216 | Soil    | 7.6  | 30.9 | 0.27 | 626.8 | 0.011  | 2    | 1.67 | 0.005 | 0.07 | 0.1  | 2.8  | 0.53 | 0.05  | 35   | 1.5  | 0.05 | 5.1 |
| 1301217 | Soil    | 4.7  | 32.1 | 0.18 | 829.7 | 0.006  | <1   | 1.63 | 0.007 | 0.08 | <0.1 | 2.6  | 0.87 | 0.12  | 32   | 2.3  | 0.10 | 5.7 |
| 1301218 | Soil    | 8.4  | 21.5 | 0.16 | 385.1 | 0.016  | 2    | 1.12 | 0.004 | 0.05 | 0.1  | 1.8  | 0.67 | 0.04  | 24   | 3.5  | 0.06 | 6.2 |
| 1301219 | Soil    | 8.0  | 27.3 | 0.26 | 1115  | 0.009  | 3    | 1.37 | 0.008 | 0.08 | 0.1  | 2.3  | 1.05 | 0.08  | 84   | 3.4  | 0.10 | 5.3 |
| 1301220 | Soil    | 5.2  | 30.8 | 0.45 | 524.7 | 0.005  | <1   | 2.10 | 0.007 | 0.09 | <0.1 | 3.2  | 0.29 | <0.02 | 15   | 0.1  | 0.06 | 6.5 |
| 1301221 | Soil    | 2.2  | 8.8  | 0.04 | 261.2 | 0.002  | 5    | 0.47 | 0.017 | 0.18 | <0.1 | 2.0  | 2.66 | 0.48  | 53   | 2.6  | 0.06 | 1.7 |
| 1301222 | Soil    | 1.4  | 5.6  | 0.02 | 741.9 | <0.001 | 6    | 0.26 | 0.010 | 0.13 | <0.1 | 2.6  | 1.63 | 0.28  | 104  | 2.1  | 0.05 | 0.9 |
| 1301223 | Soil    | 4.2  | 8.2  | 0.02 | 1490  | 0.006  | 3    | 0.41 | 0.003 | 0.07 | <0.1 | 0.6  | 0.56 | 0.05  | 29   | 0.6  | 0.04 | 2.3 |
| 1301224 | Soil    | 1.9  | 10.5 | 0.04 | 267.3 | 0.002  | 4    | 0.50 | 0.021 | 0.15 | <0.1 | 3.7  | 3.31 | 0.37  | 114  | 2.1  | 0.09 | 2.3 |
| 1301225 | Soil    | 2.5  | 8.5  | 0.03 | 1323  | 0.002  | 6    | 0.50 | 0.003 | 0.10 | <0.1 | 0.9  | 1.25 | 0.10  | 15   | 2.2  | 0.08 | 2.7 |
| 1301226 | Soil    | 6.8  | 21.1 | 0.13 | 1035  | 0.005  | 1    | 1.23 | 0.004 | 0.05 | 0.1  | 0.6  | 1.10 | 0.07  | 39   | 2.7  | 0.06 | 5.0 |
| 1301227 | Soil    | 10.2 | 35.9 | 0.18 | 1674  | 0.011  | 2    | 1.71 | 0.003 | 0.06 | 0.2  | 1.5  | 0.36 | 0.06  | 87   | 2.5  | 0.10 | 6.3 |
| 1301228 | Soil    | 8.4  | 36.7 | 0.37 | 340.0 | 0.035  | 2    | 2.00 | 0.004 | 0.08 | 0.2  | 4.2  | 0.29 | 0.08  | 76   | 1.6  | 0.11 | 6.6 |
| 1301229 | Soil    | 7.6  | 32.3 | 0.18 | 607.8 | 0.028  | 2    | 1.34 | 0.004 | 0.07 | 0.1  | 3.0  | 0.24 | 0.15  | 44   | 5.5  | 0.23 | 7.6 |
| 1301230 | Soil    | 7.0  | 38.7 | 0.22 | 457.9 | 0.016  | <1   | 2.51 | 0.002 | 0.08 | 0.1  | 4.9  | 0.30 | 0.14  | 78   | 4.4  | 0.14 | 7.2 |
| 1301231 | Soil    | 7.6  | 26.7 | 0.22 | 361.3 | 0.004  | 3    | 1.51 | 0.007 | 0.09 | <0.1 | 5.2  | 0.47 | 0.06  | 290  | 1.2  | 0.05 | 4.2 |
| 1301232 | Soil    | 3.1  | 30.3 | 0.22 | 433.2 | 0.001  | 2    | 1.21 | 0.029 | 0.20 | <0.1 | 4.0  | 1.05 | 0.46  | 104  | 3.0  | 0.13 | 3.7 |
| 1301233 | Soil    | 3.9  | 16.7 | 0.17 | 246.9 | 0.007  | 1    | 0.90 | 0.014 | 0.07 | <0.1 | 1.6  | 0.15 | 0.02  | 39   | 0.3  | 0.05 | 4.3 |
| 1301234 | Soil    | 9.9  | 37.7 | 0.30 | 226.7 | 0.011  | 2    | 1.68 | 0.003 | 0.08 | 0.1  | 3.1  | 0.22 | 0.03  | 59   | 0.5  | 0.07 | 8.1 |
| 1301235 | Soil    | 8.1  | 34.7 | 0.46 | 256.2 | 0.010  | 3    | 1.68 | 0.004 | 0.08 | 0.1  | 3.4  | 0.21 | 0.04  | 55   | 0.4  | 0.03 | 5.7 |
| 1301236 | Soil    | 4.5  | 27.6 | 0.33 | 336.4 | 0.005  | 2    | 1.27 | 0.003 | 0.11 | <0.1 | 2.7  | 0.14 | <0.02 | 20   | 0.3  | 0.07 | 6.6 |
| 1301237 | Soil    | 5.2  | 33.5 | 0.49 | 493.2 | 0.006  | 3    | 1.63 | 0.005 | 0.12 | <0.1 | 3.5  | 0.28 | 0.06  | 78   | 0.5  | 0.05 | 5.8 |
| 1301238 | Soil    | 4.2  | 37.4 | 0.62 | 583.3 | 0.002  | 3    | 1.78 | 0.006 | 0.14 | <0.1 | 4.7  | 0.25 | 0.11  | 168  | 0.6  | 0.07 | 5.5 |
| 1301239 | Soil    | 5.8  | 32.4 | 0.45 | 473.1 | 0.007  | 3    | 1.46 | 0.005 | 0.11 | <0.1 | 2.9  | 0.19 | 0.08  | 93   | 0.5  | 0.06 | 5.1 |
| 1301241 | Soil    | 8.2  | 34.2 | 0.44 | 171.3 | 0.012  | 2    | 1.68 | 0.003 | 0.09 | <0.1 | 3.3  | 0.19 | 0.03  | 56   | 0.5  | 0.07 | 5.8 |



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 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

# DAW12000133.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |
|---------|---------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| 1301242 | Soil    | 1.74  | 40.68 | 18.03 | 80.0  | 115  | 46.2 | 14.6 | 459  | 2.91 | 8.3  | 0.5  | 3.1  | 1.7  | 14.6 | 0.18 | 0.97 | 0.32 | 48   | 0.26 | 0.067 |
| 1301243 | Soil    | 1.77  | 32.72 | 16.50 | 73.9  | 84   | 35.6 | 10.9 | 278  | 3.32 | 11.5 | 0.6  | 5.3  | 1.9  | 9.3  | 0.15 | 0.99 | 0.26 | 61   | 0.06 | 0.050 |
| 1301244 | Soil    | 1.79  | 28.87 | 16.92 | 77.4  | 68   | 40.3 | 12.4 | 290  | 3.22 | 12.8 | 0.5  | 2.4  | 3.1  | 11.3 | 0.15 | 0.99 | 0.21 | 63   | 0.09 | 0.028 |
| 1301245 | Soil    | 3.20  | 74.66 | 28.11 | 119.7 | 77   | 61.6 | 23.9 | 992  | 3.54 | 12.6 | 0.8  | 3.5  | 4.5  | 18.8 | 0.24 | 1.45 | 0.29 | 50   | 0.07 | 0.050 |
| 1301246 | Soil    | 10.33 | 41.83 | 26.48 | 70.2  | 280  | 32.3 | 11.4 | 253  | 3.29 | 29.0 | 0.9  | 3.9  | 2.4  | 20.4 | 0.22 | 2.12 | 0.24 | 48   | 0.06 | 0.042 |
| 1301247 | Soil    | 2.03  | 53.24 | 17.24 | 86.4  | 75   | 58.6 | 17.3 | 246  | 3.26 | 10.0 | 0.5  | 1.8  | 3.2  | 9.4  | 0.11 | 1.07 | 0.21 | 56   | 0.09 | 0.023 |
| 1301248 | Soil    | 1.91  | 48.43 | 19.17 | 86.1  | 85   | 48.9 | 14.3 | 244  | 3.26 | 10.3 | 0.4  | 1.1  | 2.6  | 8.6  | 0.18 | 1.16 | 0.35 | 60   | 0.08 | 0.035 |
| 1301249 | Soil    | 1.95  | 45.05 | 22.49 | 86.9  | 169  | 39.5 | 15.7 | 372  | 3.49 | 10.2 | 0.6  | 1.9  | 1.9  | 9.0  | 0.28 | 1.13 | 0.25 | 53   | 0.06 | 0.050 |
| 1301250 | Soil    | 2.07  | 34.95 | 18.60 | 88.1  | 203  | 43.6 | 12.6 | 299  | 3.50 | 12.4 | 0.6  | 2.9  | 2.0  | 11.4 | 0.22 | 1.24 | 0.21 | 64   | 0.08 | 0.048 |
| 1301251 | Soil    | 1.10  | 23.63 | 10.40 | 34.7  | 99   | 16.3 | 5.6  | 112  | 1.80 | 4.5  | 0.4  | 1.5  | 0.2  | 16.5 | 0.14 | 0.50 | 0.17 | 39   | 0.12 | 0.057 |
| 1301252 | Soil    | 1.36  | 29.15 | 14.40 | 46.3  | 99   | 20.6 | 6.3  | 163  | 1.54 | 5.4  | 0.5  | 0.9  | 0.1  | 13.7 | 0.72 | 0.59 | 0.17 | 44   | 0.13 | 0.059 |
| 1301253 | Soil    | 1.60  | 32.99 | 15.51 | 73.1  | 118  | 36.3 | 14.0 | 377  | 2.91 | 9.8  | 0.7  | 7.1  | 2.3  | 14.7 | 0.24 | 0.94 | 0.15 | 58   | 0.15 | 0.048 |
| 1301254 | Soil    | 2.46  | 44.23 | 29.63 | 86.8  | 162  | 38.4 | 13.7 | 349  | 3.62 | 11.5 | 1.1  | 6.6  | 2.4  | 11.6 | 0.31 | 1.13 | 0.21 | 69   | 0.09 | 0.065 |
| 1301255 | Soil    | 2.58  | 42.04 | 23.31 | 82.5  | 171  | 26.5 | 8.1  | 303  | 4.01 | 11.2 | 0.7  | 1.3  | 1.0  | 10.2 | 0.46 | 0.97 | 0.26 | 84   | 0.08 | 0.099 |
| 1301256 | Soil    | 1.69  | 36.78 | 19.65 | 70.2  | 316  | 26.8 | 9.9  | 311  | 2.81 | 8.4  | 0.9  | 3.2  | 2.0  | 10.6 | 0.39 | 0.70 | 0.22 | 57   | 0.09 | 0.089 |
| 1301257 | Soil    | 3.47  | 55.48 | 54.42 | 154.4 | 144  | 45.8 | 11.6 | 208  | 4.03 | 16.2 | 0.5  | 2.2  | 2.9  | 20.8 | 0.40 | 1.96 | 0.22 | 55   | 0.04 | 0.059 |
| 1301258 | Soil    | 2.83  | 30.30 | 32.04 | 86.1  | 84   | 33.5 | 5.7  | 151  | 2.89 | 10.6 | 0.6  | 0.8  | 2.8  | 18.4 | 0.67 | 1.10 | 0.13 | 60   | 0.08 | 0.038 |
| 1301259 | Soil    | 2.72  | 22.69 | 53.61 | 299.0 | 136  | 38.3 | 7.3  | 151  | 2.52 | 8.2  | 0.5  | 1.1  | 2.5  | 15.8 | 1.16 | 0.65 | 0.10 | 66   | 0.13 | 0.031 |
| 1301260 | Soil    | 2.22  | 22.63 | 65.89 | 443.9 | 117  | 37.4 | 7.0  | 176  | 2.51 | 7.7  | 0.4  | <0.2 | 2.2  | 13.3 | 2.37 | 0.75 | 0.09 | 68   | 0.09 | 0.021 |
| 1301261 | Soil    | 3.56  | 31.28 | 42.29 | 110.5 | 100  | 26.5 | 10.1 | 257  | 3.16 | 13.0 | 1.5  | 3.6  | 6.1  | 17.7 | 0.71 | 1.27 | 0.14 | 80   | 0.10 | 0.020 |
| 1301262 | Soil    | 2.19  | 35.78 | 273.5 | 791.4 | 69   | 56.5 | 6.0  | 159  | 2.78 | 6.5  | 0.4  | 1.6  | 2.2  | 33.8 | 5.16 | 0.58 | 0.14 | 74   | 0.19 | 0.033 |
| 1301263 | Soil    | 5.31  | 17.43 | 39.04 | 37.8  | 53   | 4.8  | 1.6  | 58   | 1.71 | 13.0 | 0.3  | 0.7  | 1.6  | 9.3  | 0.26 | 0.88 | 0.12 | 43   | 0.05 | 0.022 |
| 1301264 | Soil    | 3.17  | 20.00 | 18.28 | 37.8  | 32   | 10.9 | 3.3  | 88   | 2.19 | 10.4 | 0.4  | 1.9  | 2.2  | 8.7  | 0.12 | 0.83 | 0.11 | 49   | 0.04 | 0.016 |
| 1301265 | Soil    | 2.94  | 27.14 | 13.94 | 80.5  | 202  | 29.2 | 6.1  | 133  | 2.21 | 10.2 | 0.6  | 2.2  | 2.5  | 21.3 | 0.49 | 1.22 | 0.11 | 58   | 0.14 | 0.031 |
| 1301266 | Soil    | 2.58  | 16.54 | 11.15 | 61.8  | 317  | 18.4 | 4.3  | 113  | 1.86 | 7.5  | 0.3  | 1.5  | 1.9  | 15.0 | 0.31 | 1.04 | 0.09 | 55   | 0.09 | 0.029 |
| 1301267 | Soil    | 2.95  | 25.07 | 12.48 | 76.3  | 459  | 25.7 | 5.7  | 140  | 2.18 | 10.1 | 0.4  | 0.8  | 1.6  | 14.9 | 0.28 | 1.27 | 0.10 | 54   | 0.09 | 0.030 |
| 1301268 | Soil    | 6.21  | 68.97 | 19.47 | 147.5 | 927  | 50.4 | 7.7  | 117  | 4.28 | 22.4 | 0.7  | 1.8  | 3.3  | 52.0 | 0.58 | 4.62 | 0.19 | 54   | 0.05 | 0.077 |
| 1301269 | Soil    | 5.11  | 41.94 | 18.58 | 73.1  | 304  | 34.2 | 5.6  | 96   | 2.71 | 17.4 | 0.4  | 0.7  | 2.2  | 19.4 | 0.24 | 1.99 | 0.16 | 44   | 0.07 | 0.037 |
| 1301270 | Soil    | 2.44  | 31.18 | 25.83 | 103.9 | 122  | 31.5 | 7.8  | 169  | 2.80 | 11.3 | 0.5  | 1.0  | 2.5  | 16.0 | 0.31 | 1.05 | 0.13 | 59   | 0.12 | 0.034 |
| 1301271 | Soil    | 2.45  | 39.05 | 36.78 | 215.6 | 194  | 50.9 | 15.4 | 812  | 3.02 | 11.2 | 0.6  | 0.9  | 2.4  | 22.3 | 0.84 | 1.28 | 0.15 | 59   | 0.44 | 0.067 |

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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301242 | Soil    | 6.1  | 31.8 | 0.53 | 297.1 | 0.008 | 4    | 1.52 | 0.004 | 0.09 | <0.1 | 3.4  | 0.14 | 0.04  | 59   | 0.5  | 0.05  | 5.1 |
| 1301243 | Soil    | 8.3  | 35.6 | 0.51 | 190.0 | 0.010 | 4    | 1.85 | 0.003 | 0.07 | 0.1  | 3.3  | 0.16 | 0.04  | 44   | 0.4  | 0.05  | 5.9 |
| 1301244 | Soil    | 9.3  | 35.9 | 0.55 | 183.1 | 0.016 | 2    | 1.91 | 0.003 | 0.08 | 0.2  | 3.5  | 0.16 | 0.02  | 29   | 0.5  | 0.05  | 5.9 |
| 1301245 | Soil    | 5.1  | 38.6 | 0.64 | 454.3 | 0.004 | 3    | 1.80 | 0.002 | 0.11 | <0.1 | 5.6  | 0.30 | 0.03  | 77   | 0.5  | 0.03  | 5.9 |
| 1301246 | Soil    | 6.0  | 26.9 | 0.34 | 285.2 | 0.006 | 3    | 1.17 | 0.018 | 0.11 | <0.1 | 3.7  | 0.92 | 0.16  | 465  | 2.2  | 0.11  | 4.4 |
| 1301247 | Soil    | 5.1  | 40.1 | 0.75 | 203.0 | 0.006 | 2    | 1.91 | 0.002 | 0.09 | <0.1 | 4.1  | 0.15 | <0.02 | 25   | 0.4  | 0.03  | 6.2 |
| 1301248 | Soil    | 5.9  | 36.8 | 0.53 | 241.7 | 0.006 | 3    | 1.81 | 0.002 | 0.10 | <0.1 | 4.0  | 0.15 | 0.02  | 51   | 0.4  | 0.08  | 6.3 |
| 1301249 | Soil    | 5.5  | 33.4 | 0.55 | 186.9 | 0.016 | 3    | 1.63 | 0.003 | 0.10 | <0.1 | 3.3  | 0.26 | 0.03  | 53   | 0.6  | 0.06  | 5.6 |
| 1301250 | Soil    | 7.6  | 36.0 | 0.54 | 159.4 | 0.018 | 3    | 2.02 | 0.004 | 0.10 | 0.1  | 3.5  | 0.20 | 0.04  | 63   | 0.5  | 0.05  | 5.8 |
| 1301251 | Soil    | 5.3  | 17.5 | 0.17 | 222.7 | 0.013 | 2    | 1.05 | 0.014 | 0.05 | <0.1 | 1.2  | 0.10 | 0.04  | 34   | 0.5  | 0.04  | 4.2 |
| 1301252 | Soil    | 7.8  | 21.6 | 0.17 | 272.7 | 0.006 | 2    | 1.00 | 0.004 | 0.05 | <0.1 | 0.6  | 0.11 | 0.03  | 43   | 0.4  | <0.02 | 4.9 |
| 1301253 | Soil    | 11.0 | 31.3 | 0.47 | 216.0 | 0.018 | 3    | 1.57 | 0.004 | 0.08 | 0.2  | 3.4  | 0.15 | 0.03  | 40   | 0.5  | 0.06  | 4.7 |
| 1301254 | Soil    | 12.5 | 39.1 | 0.47 | 254.4 | 0.015 | 3    | 1.77 | 0.004 | 0.09 | 0.1  | 3.8  | 0.27 | 0.04  | 69   | 0.6  | 0.11  | 6.2 |
| 1301255 | Soil    | 7.7  | 33.8 | 0.28 | 270.0 | 0.009 | 3    | 1.72 | 0.003 | 0.09 | <0.1 | 2.5  | 0.19 | 0.04  | 61   | 0.7  | 0.06  | 7.7 |
| 1301256 | Soil    | 9.5  | 34.7 | 0.37 | 282.4 | 0.007 | 2    | 1.70 | 0.002 | 0.08 | 0.1  | 3.5  | 0.24 | 0.03  | 64   | 0.7  | 0.04  | 6.0 |
| 1301257 | Soil    | 4.3  | 37.0 | 0.38 | 307.2 | 0.002 | 3    | 1.87 | 0.009 | 0.13 | <0.1 | 4.0  | 0.52 | 0.18  | 48   | 1.0  | 0.06  | 5.6 |
| 1301258 | Soil    | 8.4  | 29.0 | 0.27 | 349.5 | 0.010 | 2    | 1.50 | 0.003 | 0.06 | <0.1 | 2.7  | 0.15 | 0.04  | 18   | 0.6  | 0.07  | 5.0 |
| 1301259 | Soil    | 8.2  | 32.3 | 0.44 | 340.4 | 0.010 | 2    | 1.78 | 0.003 | 0.08 | <0.1 | 3.2  | 0.25 | <0.02 | 23   | 0.4  | 0.06  | 5.8 |
| 1301260 | Soil    | 7.3  | 32.6 | 0.39 | 439.3 | 0.010 | 1    | 1.69 | 0.005 | 0.05 | <0.1 | 3.2  | 0.24 | 0.02  | 6    | 0.3  | 0.07  | 5.4 |
| 1301261 | Soil    | 17.5 | 42.1 | 0.42 | 424.0 | 0.042 | 2    | 2.10 | 0.005 | 0.06 | 0.1  | 5.6  | 0.28 | <0.02 | 35   | 0.9  | 0.05  | 6.1 |
| 1301262 | Soil    | 6.2  | 37.2 | 0.38 | 521.9 | 0.005 | 2    | 2.11 | 0.005 | 0.07 | <0.1 | 3.3  | 0.39 | 0.04  | 7    | 0.5  | 0.07  | 6.4 |
| 1301263 | Soil    | 6.6  | 16.9 | 0.11 | 226.4 | 0.009 | 1    | 0.86 | 0.004 | 0.06 | <0.1 | 1.6  | 0.62 | 0.03  | 14   | 0.5  | 0.05  | 4.1 |
| 1301264 | Soil    | 7.1  | 22.0 | 0.19 | 206.7 | 0.009 | 1    | 1.21 | 0.003 | 0.06 | <0.1 | 2.0  | 0.32 | 0.03  | 13   | 1.0  | 0.03  | 3.8 |
| 1301265 | Soil    | 10.2 | 27.6 | 0.31 | 538.1 | 0.013 | 2    | 1.27 | 0.005 | 0.08 | 0.1  | 3.0  | 0.23 | 0.02  | 35   | 0.9  | 0.04  | 4.5 |
| 1301266 | Soil    | 7.4  | 22.6 | 0.25 | 319.9 | 0.012 | 2    | 1.13 | 0.005 | 0.07 | <0.1 | 2.0  | 0.21 | 0.03  | 11   | 0.7  | 0.05  | 4.3 |
| 1301267 | Soil    | 8.0  | 25.8 | 0.33 | 271.8 | 0.019 | 2    | 1.03 | 0.006 | 0.08 | <0.1 | 2.3  | 0.23 | 0.04  | 24   | 0.8  | 0.04  | 4.3 |
| 1301268 | Soil    | 4.7  | 29.7 | 0.20 | 386.3 | 0.003 | 2    | 1.19 | 0.017 | 0.14 | <0.1 | 3.6  | 0.56 | 0.22  | 42   | 4.6  | 0.11  | 3.6 |
| 1301269 | Soil    | 4.0  | 26.3 | 0.25 | 450.6 | 0.005 | 2    | 1.05 | 0.008 | 0.13 | <0.1 | 2.9  | 0.48 | 0.13  | 29   | 1.3  | 0.06  | 3.7 |
| 1301270 | Soil    | 7.8  | 30.2 | 0.41 | 291.6 | 0.015 | 1    | 1.50 | 0.005 | 0.10 | <0.1 | 3.3  | 0.33 | 0.05  | 22   | 0.5  | 0.04  | 5.6 |
| 1301271 | Soil    | 5.1  | 39.1 | 0.44 | 572.3 | 0.004 | 3    | 1.92 | 0.003 | 0.16 | <0.1 | 4.9  | 0.33 | 0.04  | 49   | 0.6  | 0.08  | 5.9 |



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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1301272 | Soil | 1.62 | 49.35 | 27.71 | 150.0 | 115  | 53.8 | 16.3 | 431  | 2.87 | 8.1  | 0.4  | 0.7  | 2.0  | 12.7 | 0.45 | 0.92 | 0.17 | 55   | 0.19  | 0.059 |
| 1301273 | Soil | 2.76 | 94.62 | 101.4 | 350.2 | 182  | 79.8 | 25.0 | 329  | 4.14 | 17.1 | 0.7  | 1.8  | 3.2  | 10.7 | 0.98 | 2.28 | 0.32 | 66   | 0.21  | 0.055 |
| 1301274 | Soil | 2.70 | 64.72 | 75.12 | 244.6 | 372  | 56.9 | 14.6 | 375  | 3.48 | 15.7 | 0.5  | 0.7  | 2.3  | 29.3 | 1.03 | 2.17 | 0.18 | 49   | 0.25  | 0.057 |
| 1301275 | Soil | 1.97 | 50.09 | 44.09 | 235.7 | 240  | 61.9 | 20.5 | 456  | 3.70 | 9.8  | 0.4  | 1.0  | 1.8  | 19.3 | 0.85 | 0.99 | 0.27 | 62   | 0.24  | 0.079 |
| 1301276 | Soil | 2.16 | 30.82 | 31.62 | 126.5 | 154  | 33.0 | 11.5 | 348  | 3.04 | 6.8  | 0.4  | 0.2  | 1.6  | 15.8 | 0.40 | 0.96 | 0.18 | 65   | 0.21  | 0.043 |
| 1301277 | Soil | 2.00 | 48.77 | 39.18 | 147.1 | 181  | 57.6 | 16.3 | 306  | 3.26 | 10.8 | 0.4  | 0.5  | 2.2  | 20.3 | 0.52 | 1.18 | 0.22 | 62   | 0.24  | 0.054 |
| 1301278 | Soil | 6.17 | 70.85 | 50.63 | 155.8 | 246  | 80.6 | 24.1 | 524  | 4.33 | 17.4 | 0.9  | 5.1  | 3.0  | 25.0 | 0.51 | 1.43 | 0.33 | 58   | 0.24  | 0.081 |
| 1301279 | Soil | 2.78 | 39.41 | 24.63 | 102.3 | 167  | 46.8 | 15.4 | 354  | 3.52 | 11.1 | 0.5  | 3.0  | 2.8  | 10.5 | 0.17 | 0.96 | 0.25 | 66   | 0.09  | 0.047 |
| 1301280 | Soil | 2.16 | 32.87 | 19.59 | 97.6  | 185  | 37.5 | 12.1 | 446  | 3.21 | 9.2  | 0.5  | 2.2  | 2.3  | 10.0 | 0.29 | 0.72 | 0.25 | 74   | 0.13  | 0.045 |
| 1301281 | Soil | 2.29 | 41.20 | 25.92 | 96.1  | 172  | 46.0 | 12.5 | 284  | 3.17 | 10.0 | 0.5  | 1.9  | 1.8  | 10.5 | 0.17 | 0.92 | 0.24 | 55   | 0.08  | 0.049 |
| 1301301 | Soil | 1.64 | 50.35 | 26.10 | 150.9 | 103  | 58.2 | 19.3 | 627  | 3.40 | 7.9  | 0.5  | 2.4  | 2.2  | 17.0 | 0.57 | 0.78 | 0.25 | 52   | 0.30  | 0.086 |
| 1301302 | Soil | 1.58 | 38.87 | 21.17 | 115.0 | 98   | 52.1 | 17.6 | 481  | 3.29 | 8.3  | 0.4  | 0.8  | 2.0  | 10.3 | 0.28 | 0.81 | 0.24 | 55   | 0.16  | 0.062 |
| 1301303 | Soil | 1.72 | 48.92 | 30.63 | 173.8 | 82   | 52.1 | 19.0 | 546  | 3.26 | 8.2  | 0.5  | 1.7  | 2.7  | 17.5 | 0.70 | 0.95 | 0.24 | 48   | 0.36  | 0.073 |
| 1301304 | Soil | 1.05 | 26.08 | 12.49 | 129.3 | 87   | 37.1 | 12.2 | 440  | 2.95 | 5.3  | 0.3  | 1.6  | 1.6  | 17.8 | 0.52 | 0.52 | 0.18 | 57   | 0.21  | 0.042 |
| 1301305 | Soil | 1.71 | 31.09 | 13.26 | 109.1 | 99   | 38.0 | 10.5 | 277  | 3.22 | 7.6  | 0.3  | 1.1  | 1.9  | 12.2 | 0.27 | 0.67 | 0.19 | 60   | 0.09  | 0.044 |
| 1301306 | Soil | 4.06 | 32.73 | 15.77 | 110.8 | 332  | 36.9 | 6.2  | 117  | 2.90 | 15.2 | 0.3  | 0.7  | 1.5  | 18.5 | 0.31 | 1.84 | 0.20 | 61   | 0.05  | 0.047 |
| 1301307 | Soil | 5.62 | 48.32 | 13.97 | 123.2 | 385  | 28.5 | 4.9  | 111  | 2.81 | 14.0 | 0.3  | 0.5  | 1.5  | 16.3 | 0.50 | 1.72 | 0.22 | 70   | 0.02  | 0.039 |
| 1301308 | Soil | 5.95 | 30.98 | 14.02 | 82.8  | 126  | 21.1 | 4.3  | 63   | 2.43 | 16.0 | 0.3  | 1.1  | 1.6  | 7.0  | 0.14 | 1.76 | 0.20 | 52   | 0.02  | 0.028 |
| 1301309 | Soil | 3.82 | 27.24 | 13.21 | 155.7 | 508  | 25.4 | 6.4  | 147  | 2.86 | 11.6 | 0.4  | 0.7  | 2.3  | 22.1 | 0.48 | 2.34 | 0.17 | 73   | 0.05  | 0.037 |
| 1301310 | Soil | 3.15 | 31.27 | 18.67 | 102.1 | 255  | 39.0 | 8.3  | 144  | 2.57 | 9.7  | 0.6  | 2.7  | 2.2  | 18.5 | 0.58 | 1.14 | 0.18 | 45   | 0.08  | 0.038 |
| 1301311 | Soil | 2.21 | 20.21 | 11.37 | 49.7  | 131  | 17.9 | 5.3  | 112  | 2.84 | 7.5  | 0.3  | 3.7  | 1.9  | 5.7  | 0.16 | 0.65 | 0.19 | 68   | 0.06  | 0.031 |
| 1301312 | Soil | 2.94 | 24.10 | 15.06 | 91.0  | 119  | 33.1 | 10.4 | 216  | 3.75 | 10.3 | 0.4  | 0.9  | 2.5  | 8.5  | 0.32 | 0.91 | 0.20 | 81   | 0.07  | 0.035 |
| 1301313 | Soil | 3.39 | 22.47 | 18.64 | 73.1  | 166  | 24.8 | 9.8  | 243  | 3.14 | 11.4 | 0.5  | 3.0  | 3.4  | 9.5  | 0.30 | 0.83 | 0.23 | 79   | 0.08  | 0.036 |
| 1301314 | Soil | 1.51 | 27.90 | 15.84 | 84.8  | 89   | 34.5 | 10.8 | 234  | 2.99 | 9.4  | 0.5  | 4.6  | 3.2  | 11.8 | 0.24 | 0.58 | 0.18 | 63   | 0.14  | 0.031 |
| 1301315 | Soil | 2.30 | 40.35 | 25.23 | 99.6  | 249  | 42.9 | 15.0 | 381  | 3.32 | 12.3 | 0.9  | 6.2  | 6.5  | 12.6 | 0.40 | 0.84 | 0.23 | 71   | 0.13  | 0.052 |
| 1301316 | Soil | 2.40 | 30.38 | 62.20 | 112.1 | 91   | 33.1 | 10.2 | 334  | 3.06 | 9.7  | 0.5  | 3.4  | 1.9  | 9.9  | 0.47 | 0.72 | 0.21 | 67   | 0.09  | 0.042 |
| 1301317 | Soil | 2.78 | 30.27 | 20.02 | 80.9  | 105  | 35.3 | 11.5 | 231  | 3.84 | 12.2 | 0.4  | 3.0  | 3.0  | 12.9 | 0.30 | 0.91 | 0.24 | 73   | 0.12  | 0.038 |
| 1301318 | Soil | 3.25 | 34.64 | 18.59 | 70.9  | 115  | 35.5 | 11.7 | 302  | 3.57 | 11.8 | 0.7  | 4.5  | 4.7  | 12.1 | 0.22 | 0.97 | 0.23 | 80   | 0.09  | 0.036 |
| 1301319 | Soil | 3.30 | 40.22 | 19.61 | 133.7 | 112  | 53.4 | 16.7 | 359  | 4.08 | 15.5 | 0.6  | 2.4  | 3.9  | 10.6 | 0.35 | 1.09 | 0.24 | 66   | 0.07  | 0.058 |
| 1301320 | Soil | 4.67 | 35.44 | 66.00 | 59.7  | 72   | 25.8 | 4.2  | 79   | 3.23 | 15.4 | 0.6  | 0.7  | 2.6  | 13.0 | 0.33 | 1.06 | 0.18 | 50   | 0.05  | 0.035 |





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 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301272 | Soil    | 3.1  | 41.1 | 0.60 | 647.6 | 0.002 | 3    | 2.07 | 0.002  | 0.15 | <0.1 | 4.7  | 0.25 | 0.03  | 21   | 0.2  | 0.04  | 6.1 |
| 1301273 | Soil    | 3.3  | 50.4 | 0.75 | 322.6 | 0.001 | 3    | 2.37 | <0.001 | 0.15 | <0.1 | 6.4  | 0.78 | <0.02 | 46   | 0.6  | 0.12  | 7.5 |
| 1301274 | Soil    | 3.2  | 39.7 | 0.59 | 850.8 | 0.002 | 3    | 1.85 | 0.002  | 0.17 | <0.1 | 4.9  | 0.45 | 0.04  | 75   | 0.7  | 0.09  | 6.2 |
| 1301275 | Soil    | 3.9  | 42.9 | 0.71 | 1219  | 0.002 | 4    | 2.29 | 0.003  | 0.20 | <0.1 | 5.0  | 0.43 | 0.04  | 54   | 0.4  | 0.09  | 7.1 |
| 1301276 | Soil    | 5.7  | 31.0 | 0.37 | 733.6 | 0.004 | 2    | 1.80 | 0.003  | 0.15 | <0.1 | 3.3  | 0.28 | 0.02  | 25   | 0.4  | 0.07  | 6.6 |
| 1301277 | Soil    | 5.0  | 40.2 | 0.66 | 627.3 | 0.004 | 4    | 2.17 | 0.002  | 0.17 | <0.1 | 4.6  | 0.34 | 0.04  | 24   | 0.3  | 0.08  | 6.9 |
| 1301278 | Soil    | 4.7  | 44.4 | 0.77 | 634.9 | 0.002 | 3    | 2.14 | 0.010  | 0.21 | <0.1 | 6.5  | 1.23 | 0.11  | 95   | 1.0  | 0.12  | 6.7 |
| 1301279 | Soil    | 6.3  | 40.5 | 0.59 | 241.3 | 0.009 | 3    | 2.10 | 0.005  | 0.10 | <0.1 | 4.2  | 0.58 | 0.03  | 41   | 0.5  | 0.06  | 6.9 |
| 1301280 | Soil    | 8.0  | 37.9 | 0.52 | 394.3 | 0.008 | 2    | 2.25 | 0.005  | 0.07 | 0.1  | 3.7  | 0.34 | 0.03  | 50   | 0.3  | 0.04  | 7.4 |
| 1301281 | Soil    | 4.9  | 36.7 | 0.57 | 277.3 | 0.005 | 2    | 1.96 | 0.005  | 0.10 | <0.1 | 3.5  | 0.38 | 0.05  | 41   | 0.3  | 0.05  | 6.2 |
| 1301301 | Soil    | 4.0  | 38.8 | 0.70 | 549.2 | 0.003 | 3    | 1.91 | 0.005  | 0.16 | <0.1 | 5.0  | 0.30 | 0.05  | 37   | 0.3  | 0.06  | 6.1 |
| 1301302 | Soil    | 4.0  | 38.8 | 0.65 | 489.9 | 0.003 | 3    | 2.01 | 0.005  | 0.14 | <0.1 | 4.6  | 0.31 | 0.02  | 33   | 0.2  | 0.04  | 6.5 |
| 1301303 | Soil    | 5.6  | 34.7 | 0.61 | 635.2 | 0.005 | 4    | 1.75 | 0.006  | 0.19 | <0.1 | 4.9  | 0.22 | 0.02  | 25   | 0.3  | 0.08  | 5.6 |
| 1301304 | Soil    | 5.9  | 30.6 | 0.47 | 1113  | 0.006 | 2    | 2.02 | 0.012  | 0.15 | <0.1 | 3.5  | 0.15 | <0.02 | 14   | 0.1  | 0.06  | 6.6 |
| 1301305 | Soil    | 5.4  | 34.6 | 0.50 | 651.6 | 0.004 | 2    | 2.04 | 0.006  | 0.09 | <0.1 | 3.4  | 0.20 | 0.02  | 18   | 0.3  | 0.04  | 6.5 |
| 1301306 | Soil    | 3.2  | 28.4 | 0.18 | 652.3 | 0.002 | 2    | 1.38 | 0.009  | 0.13 | <0.1 | 2.7  | 0.34 | 0.07  | 27   | 1.6  | 0.07  | 4.9 |
| 1301307 | Soil    | 3.7  | 22.1 | 0.13 | 405.9 | 0.004 | 1    | 1.31 | 0.006  | 0.08 | <0.1 | 2.4  | 0.31 | 0.04  | 20   | 0.9  | 0.06  | 5.2 |
| 1301308 | Soil    | 2.8  | 25.7 | 0.20 | 259.4 | 0.003 | 2    | 1.28 | 0.005  | 0.09 | <0.1 | 2.3  | 0.66 | 0.03  | 37   | 1.3  | 0.06  | 4.3 |
| 1301309 | Soil    | 7.4  | 26.0 | 0.22 | 320.3 | 0.010 | 1    | 1.50 | 0.010  | 0.08 | <0.1 | 2.6  | 0.31 | 0.08  | 14   | 1.6  | 0.06  | 5.2 |
| 1301310 | Soil    | 6.7  | 28.1 | 0.32 | 317.9 | 0.011 | 2    | 1.16 | 0.010  | 0.08 | <0.1 | 3.1  | 0.37 | 0.08  | 62   | 0.9  | 0.06  | 4.0 |
| 1301311 | Soil    | 6.9  | 22.8 | 0.21 | 161.2 | 0.010 | <1   | 1.30 | 0.005  | 0.06 | <0.1 | 2.1  | 0.18 | <0.02 | 25   | 0.3  | 0.04  | 6.0 |
| 1301312 | Soil    | 7.9  | 37.8 | 0.43 | 280.2 | 0.012 | 2    | 2.24 | 0.007  | 0.05 | 0.1  | 3.2  | 0.27 | 0.02  | 21   | 0.5  | 0.05  | 7.0 |
| 1301313 | Soil    | 8.7  | 35.0 | 0.30 | 199.2 | 0.018 | 1    | 2.34 | 0.006  | 0.06 | <0.1 | 3.2  | 0.27 | 0.02  | 44   | 0.7  | 0.08  | 6.5 |
| 1301314 | Soil    | 9.7  | 35.6 | 0.55 | 322.3 | 0.016 | 3    | 2.01 | 0.007  | 0.06 | <0.1 | 3.8  | 0.22 | <0.02 | 27   | 0.5  | <0.02 | 6.1 |
| 1301315 | Soil    | 11.1 | 42.0 | 0.53 | 355.7 | 0.027 | 3    | 2.37 | 0.009  | 0.09 | 0.1  | 5.3  | 0.29 | <0.02 | 64   | 0.8  | 0.07  | 6.0 |
| 1301316 | Soil    | 9.2  | 33.3 | 0.46 | 237.5 | 0.015 | 2    | 1.63 | 0.007  | 0.08 | 0.1  | 3.2  | 0.23 | 0.02  | 30   | 0.6  | 0.03  | 6.1 |
| 1301317 | Soil    | 7.0  | 37.0 | 0.44 | 487.5 | 0.011 | 2    | 2.10 | 0.006  | 0.09 | <0.1 | 3.5  | 0.20 | 0.03  | 33   | 0.8  | 0.04  | 6.7 |
| 1301318 | Soil    | 9.8  | 42.1 | 0.40 | 354.5 | 0.020 | 2    | 2.75 | 0.008  | 0.06 | 0.1  | 3.7  | 0.35 | 0.02  | 50   | 0.8  | 0.03  | 6.9 |
| 1301319 | Soil    | 7.3  | 42.3 | 0.49 | 226.6 | 0.012 | 3    | 2.56 | 0.008  | 0.10 | <0.1 | 4.6  | 0.30 | 0.06  | 39   | 1.0  | 0.05  | 6.1 |
| 1301320 | Soil    | 4.5  | 30.8 | 0.21 | 248.9 | 0.007 | 2    | 1.35 | 0.006  | 0.07 | <0.1 | 2.8  | 0.27 | 0.07  | 26   | 0.6  | 0.05  | 4.5 |

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:** FACE  
**Report Date:** August 10, 2012

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**Part:** 1 of 2

**CERTIFICATE OF ANALYSIS**

**DAW12000133.1**

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301321 | Soil    |      |     | 2.00    | 27.62   | 12.97   | 83.5    | 107     | 32.2    | 10.7    | 326     | 3.04    | 9.2     | 0.5    | 1.4     | 1.8     | 10.8    | 0.27    | 0.78    | 0.19    | 66     | 0.12    | 0.044  |
| 1301322 | Soil    |      |     | 3.01    | 23.57   | 12.14   | 42.9    | 98      | 13.8    | 2.9     | 56      | 1.93    | 9.0     | 0.4    | 1.4     | 1.9     | 7.2     | 0.17    | 0.72    | 0.20    | 60     | 0.04    | 0.029  |
| 1301323 | Soil    |      |     | 2.89    | 29.10   | 14.33   | 95.0    | 73      | 39.1    | 10.4    | 207     | 3.39    | 11.5    | 0.6    | 3.8     | 3.2     | 9.8     | 0.30    | 0.93    | 0.21    | 69     | 0.08    | 0.043  |
| 1301324 | Soil    |      |     | 2.44    | 47.79   | 13.43   | 148.8   | 199     | 69.9    | 16.0    | 435     | 3.42    | 11.1    | 0.7    | 8.3     | 4.0     | 15.3    | 0.52    | 0.89    | 0.21    | 73     | 0.18    | 0.056  |
| 1301325 | Soil    |      |     | 1.96    | 29.62   | 11.88   | 102.2   | 80      | 33.2    | 8.5     | 155     | 3.06    | 7.9     | 0.3    | 2.8     | 2.0     | 6.5     | 0.28    | 0.97    | 0.18    | 67     | 0.05    | 0.026  |
| 1301326 | Soil    |      |     | 3.28    | 21.30   | 14.97   | 79.0    | 89      | 32.1    | 10.7    | 320     | 3.44    | 13.0    | 0.7    | 3.5     | 4.3     | 13.2    | 0.29    | 0.83    | 0.22    | 80     | 0.12    | 0.037  |
| 1301327 | Soil    |      |     | 2.91    | 33.32   | 16.58   | 96.9    | 62      | 42.3    | 13.1    | 285     | 3.60    | 12.3    | 0.6    | 3.6     | 3.8     | 13.1    | 0.28    | 0.93    | 0.21    | 77     | 0.11    | 0.036  |
| 1301328 | Soil    |      |     | 2.73    | 22.41   | 16.74   | 105.1   | 51      | 29.5    | 10.5    | 400     | 3.71    | 11.0    | 0.5    | 3.3     | 2.8     | 9.6     | 0.24    | 0.68    | 0.21    | 79     | 0.09    | 0.045  |
| 1301329 | Soil    |      |     | 1.29    | 15.58   | 10.27   | 31.4    | 160     | 9.4     | 2.6     | 48      | 1.44    | 4.6     | 0.4    | 1.3     | 0.3     | 11.5    | 0.18    | 0.27    | 0.12    | 38     | 0.11    | 0.044  |
| 1301330 | Soil    |      |     | 1.44    | 34.89   | 315.1   | 198.9   | 677     | 35.1    | 11.4    | 265     | 2.50    | 5.1     | 0.7    | 2.4     | 2.0     | 15.5    | 1.88    | 0.45    | 0.15    | 47     | 0.18    | 0.053  |
| 1301331 | Soil    |      |     | 2.98    | 15.79   | 20.57   | 68.4    | 40      | 11.8    | 4.3     | 122     | 3.05    | 9.5     | 0.4    | 1.3     | 2.2     | 6.6     | 0.11    | 0.81    | 0.22    | 84     | 0.06    | 0.030  |
| 1301332 | Soil    |      |     | 3.43    | 26.73   | 56.67   | 247.3   | 118     | 43.1    | 15.0    | 426     | 4.04    | 12.7    | 0.6    | 5.0     | 4.8     | 11.9    | 0.53    | 1.10    | 0.20    | 76     | 0.09    | 0.050  |
| 1301333 | Soil    |      |     | 3.78    | 20.03   | 40.52   | 179.0   | 61      | 26.0    | 6.5     | 174     | 3.16    | 11.1    | 0.4    | 5.1     | 2.7     | 10.8    | 0.78    | 1.01    | 0.25    | 80     | 0.07    | 0.036  |
| 1301334 | Soil    |      |     | 3.25    | 49.66   | 44.46   | 347.7   | 86      | 82.0    | 16.1    | 271     | 3.02    | 10.7    | 1.0    | 5.0     | 3.6     | 19.0    | 1.29    | 0.90    | 0.25    | 63     | 0.08    | 0.051  |
| 1301351 | Soil    |      |     | 3.49    | 19.63   | 8.75    | 69.7    | 396     | 19.7    | 4.1     | 84      | 2.52    | 11.7    | 0.3    | 1.5     | 1.5     | 8.6     | 0.22    | 1.23    | 0.19    | 63     | 0.03    | 0.033  |
| 1301352 | Soil    |      |     | 3.26    | 23.12   | 10.78   | 93.0    | 413     | 28.3    | 4.6     | 93      | 2.63    | 11.1    | 0.3    | 2.1     | 1.6     | 11.9    | 0.25    | 2.05    | 0.19    | 57     | 0.04    | 0.031  |
| 1301353 | Soil    |      |     | 4.46    | 23.23   | 13.93   | 44.1    | 148     | 17.3    | 3.8     | 71      | 2.32    | 11.9    | 0.3    | 1.7     | 1.9     | 8.1     | 0.16    | 0.83    | 0.20    | 40     | 0.04    | 0.024  |
| 1301354 | Soil    |      |     | 1.51    | 17.27   | 11.92   | 205.4   | 228     | 34.9    | 11.7    | 402     | 2.17    | 4.3     | 0.4    | 1.5     | 1.2     | 12.1    | 1.07    | 0.41    | 0.14    | 47     | 0.14    | 0.037  |
| 1301355 | Soil    |      |     | 1.80    | 29.82   | 11.86   | 133.9   | 99      | 36.0    | 10.6    | 362     | 2.80    | 7.1     | 0.3    | 1.4     | 1.6     | 12.6    | 0.30    | 0.66    | 0.19    | 59     | 0.10    | 0.040  |
| 1301356 | Soil    |      |     | 1.42    | 23.06   | 13.31   | 138.0   | 452     | 29.1    | 10.6    | 452     | 2.46    | 4.9     | 0.3    | 0.6     | 1.7     | 16.0    | 0.66    | 0.43    | 0.17    | 57     | 0.21    | 0.061  |
| 1301357 | Soil    |      |     | 2.08    | 38.33   | 42.08   | 257.7   | 173     | 49.6    | 24.1    | 1023    | 3.44    | 7.5     | 0.4    | 0.9     | 1.7     | 17.9    | 2.10    | 0.83    | 0.27    | 60     | 0.35    | 0.095  |
| 1301358 | Soil    |      |     | 1.92    | 32.60   | 18.36   | 121.2   | 109     | 41.6    | 15.3    | 437     | 3.05    | 7.4     | 0.4    | 0.9     | 1.5     | 20.6    | 0.34    | 0.63    | 0.21    | 61     | 0.47    | 0.061  |
| 1301359 | Soil    |      |     | 1.95    | 50.04   | 33.77   | 87.9    | 252     | 57.5    | 15.1    | 226     | 4.14    | 11.9    | 0.4    | 2.1     | 1.9     | 7.2     | 0.22    | 1.16    | 0.25    | 61     | 0.13    | 0.069  |
| 1301360 | Soil    |      |     | 1.83    | 27.86   | 16.84   | 104.0   | 225     | 31.2    | 11.7    | 288     | 3.20    | 6.6     | 0.4    | 1.5     | 1.8     | 10.5    | 0.43    | 0.59    | 0.23    | 79     | 0.15    | 0.044  |
| 1301361 | Soil    |      |     | 2.56    | 77.81   | 29.68   | 134.3   | 102     | 76.3    | 20.3    | 255     | 4.39    | 12.4    | 0.4    | 2.1     | 1.6     | 6.6     | 0.21    | 1.32    | 0.37    | 63     | 0.08    | 0.039  |
| 1302451 | Soil    |      |     | 7.95    | 41.33   | 20.05   | 69.0    | 210     | 18.7    | 4.3     | 103     | 3.84    | 26.6    | 0.4    | 3.5     | 2.5     | 16.4    | 0.13    | 1.80    | 0.25    | 43     | 0.04    | 0.047  |
| 1302452 | Soil    |      |     | 1.65    | 30.10   | 13.24   | 93.4    | 175     | 36.4    | 9.9     | 262     | 2.70    | 7.8     | 0.6    | 2.4     | 2.4     | 11.6    | 0.34    | 0.74    | 0.18    | 51     | 0.12    | 0.038  |
| 1302453 | Soil    |      |     | 2.92    | 28.84   | 17.96   | 73.0    | 96      | 22.2    | 7.7     | 243     | 2.82    | 11.2    | 0.4    | 3.5     | 1.4     | 11.9    | 0.22    | 1.01    | 0.22    | 53     | 0.07    | 0.053  |
| 1302454 | Soil    |      |     | 2.69    | 43.20   | 19.34   | 81.4    | 42      | 43.8    | 9.6     | 156     | 4.29    | 16.9    | 0.3    | 1.9     | 2.0     | 9.2     | 0.17    | 1.34    | 0.25    | 58     | 0.03    | 0.054  |
| 1302455 | Soil    |      |     | 2.64    | 34.12   | 18.52   | 95.7    | 120     | 39.2    | 12.3    | 309     | 4.05    | 13.0    | 0.5    | 5.0     | 2.9     | 9.6     | 0.33    | 1.07    | 0.24    | 72     | 0.08    | 0.045  |

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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301321 | Soil    | 7.8  | 33.1 | 0.47 | 233.1 | 0.013 | 3    | 1.69 | 0.007  | 0.08 | <0.1 | 3.4  | 0.17 | 0.02  | 23   | 0.5  | 0.03  | 5.9 |
| 1301322 | Soil    | 6.2  | 24.4 | 0.16 | 146.1 | 0.007 | 2    | 1.19 | 0.006  | 0.09 | <0.1 | 2.6  | 0.24 | 0.03  | 62   | 0.6  | 0.07  | 6.0 |
| 1301323 | Soil    | 7.9  | 36.1 | 0.38 | 175.6 | 0.014 | 3    | 2.06 | 0.007  | 0.07 | 0.1  | 3.3  | 0.23 | 0.04  | 51   | 0.8  | 0.03  | 6.0 |
| 1301324 | Soil    | 10.6 | 42.4 | 0.54 | 457.2 | 0.017 | 3    | 2.46 | 0.009  | 0.09 | 0.1  | 4.5  | 0.29 | 0.02  | 41   | 0.7  | 0.06  | 6.3 |
| 1301325 | Soil    | 6.2  | 30.8 | 0.40 | 244.0 | 0.006 | 2    | 1.87 | 0.006  | 0.09 | <0.1 | 3.2  | 0.17 | <0.02 | 16   | 0.4  | 0.07  | 6.7 |
| 1301326 | Soil    | 10.3 | 40.7 | 0.43 | 272.6 | 0.030 | 2    | 2.46 | 0.009  | 0.07 | 0.1  | 4.0  | 0.25 | 0.03  | 36   | 0.7  | 0.06  | 6.7 |
| 1301327 | Soil    | 9.3  | 40.5 | 0.46 | 269.6 | 0.023 | 3    | 2.40 | 0.010  | 0.08 | 0.1  | 3.8  | 0.24 | 0.03  | 25   | 0.8  | 0.06  | 6.2 |
| 1301328 | Soil    | 8.8  | 35.4 | 0.39 | 186.4 | 0.014 | 2    | 2.01 | 0.006  | 0.07 | 0.1  | 3.2  | 0.25 | 0.02  | 29   | 0.4  | 0.09  | 7.1 |
| 1301329 | Soil    | 3.8  | 15.2 | 0.12 | 185.1 | 0.005 | 2    | 1.11 | 0.017  | 0.05 | <0.1 | 1.3  | 0.21 | 0.02  | 37   | 0.3  | 0.03  | 4.8 |
| 1301330 | Soil    | 6.4  | 32.3 | 0.43 | 567.4 | 0.004 | 3    | 1.72 | 0.007  | 0.09 | <0.1 | 4.3  | 0.33 | 0.03  | 130  | 0.4  | <0.02 | 5.7 |
| 1301331 | Soil    | 9.0  | 23.3 | 0.17 | 102.6 | 0.012 | 1    | 1.44 | 0.004  | 0.05 | <0.1 | 1.9  | 0.24 | <0.02 | 18   | 0.5  | 0.06  | 7.1 |
| 1301332 | Soil    | 8.5  | 45.5 | 0.44 | 169.3 | 0.025 | 3    | 2.78 | 0.009  | 0.08 | 0.1  | 3.9  | 0.40 | 0.03  | 48   | 1.0  | 0.06  | 6.0 |
| 1301333 | Soil    | 8.8  | 29.6 | 0.29 | 279.4 | 0.011 | <1   | 2.04 | 0.003  | 0.05 | 0.1  | 2.7  | 0.32 | 0.02  | 13   | 0.2  | 0.07  | 6.8 |
| 1301334 | Soil    | 9.1  | 33.7 | 0.46 | 375.6 | 0.009 | 2    | 2.22 | 0.004  | 0.07 | 0.1  | 4.9  | 0.40 | 0.03  | 53   | 0.5  | 0.08  | 6.1 |
| 1301351 | Soil    | 5.0  | 21.7 | 0.15 | 188.3 | 0.007 | <1   | 1.27 | 0.007  | 0.05 | <0.1 | 1.8  | 0.25 | 0.03  | 21   | 0.7  | 0.07  | 5.0 |
| 1301352 | Soil    | 4.5  | 24.9 | 0.21 | 220.0 | 0.005 | 1    | 1.21 | 0.007  | 0.08 | <0.1 | 2.0  | 0.21 | 0.04  | 18   | 1.2  | 0.04  | 4.7 |
| 1301353 | Soil    | 3.8  | 22.6 | 0.19 | 265.0 | 0.003 | 2    | 1.26 | 0.004  | 0.09 | <0.1 | 2.0  | 0.39 | 0.04  | 31   | 0.4  | 0.06  | 4.0 |
| 1301354 | Soil    | 4.6  | 20.7 | 0.20 | 555.9 | 0.012 | 1    | 1.96 | 0.015  | 0.05 | <0.1 | 2.0  | 0.25 | <0.02 | 35   | <0.1 | 0.04  | 6.4 |
| 1301355 | Soil    | 4.9  | 31.0 | 0.43 | 813.3 | 0.004 | 2    | 2.03 | 0.006  | 0.09 | <0.1 | 3.3  | 0.22 | 0.02  | 27   | 0.2  | 0.06  | 6.5 |
| 1301356 | Soil    | 6.9  | 31.3 | 0.47 | 764.2 | 0.008 | 2    | 1.99 | 0.007  | 0.08 | <0.1 | 3.1  | 0.20 | <0.02 | 20   | <0.1 | 0.04  | 6.7 |
| 1301357 | Soil    | 5.5  | 36.5 | 0.54 | 1108  | 0.004 | 2    | 2.17 | 0.006  | 0.21 | <0.1 | 4.3  | 0.33 | 0.03  | 42   | 0.1  | 0.07  | 7.0 |
| 1301358 | Soil    | 4.9  | 37.9 | 0.60 | 1019  | 0.004 | 3    | 2.08 | 0.004  | 0.16 | <0.1 | 4.0  | 0.27 | 0.02  | 25   | <0.1 | 0.07  | 6.9 |
| 1301359 | Soil    | 2.2  | 42.5 | 0.65 | 399.7 | 0.001 | 3    | 2.73 | 0.005  | 0.11 | <0.1 | 4.6  | 0.95 | 0.03  | 83   | 0.3  | 0.08  | 7.3 |
| 1301360 | Soil    | 6.8  | 36.6 | 0.39 | 599.8 | 0.006 | 2    | 2.39 | 0.002  | 0.07 | <0.1 | 3.7  | 0.38 | 0.02  | 20   | <0.1 | 0.07  | 8.4 |
| 1301361 | Soil    | 1.9  | 49.0 | 0.94 | 315.0 | 0.002 | 3    | 2.75 | <0.001 | 0.12 | <0.1 | 5.0  | 0.50 | <0.02 | 65   | 0.5  | 0.11  | 8.1 |
| 1302451 | Soil    | 3.6  | 26.4 | 0.21 | 219.2 | 0.004 | 2    | 1.19 | 0.021  | 0.13 | <0.1 | 3.1  | 0.89 | 0.21  | 125  | 1.9  | 0.06  | 4.2 |
| 1302452 | Soil    | 7.9  | 30.0 | 0.48 | 375.7 | 0.010 | 3    | 1.60 | 0.005  | 0.08 | <0.1 | 3.3  | 0.17 | <0.02 | 40   | 0.4  | 0.03  | 5.2 |
| 1302453 | Soil    | 7.6  | 30.4 | 0.34 | 173.2 | 0.011 | 2    | 1.40 | 0.008  | 0.10 | <0.1 | 2.7  | 0.38 | 0.05  | 52   | 0.6  | 0.06  | 5.4 |
| 1302454 | Soil    | 3.4  | 40.1 | 0.58 | 208.5 | 0.002 | 3    | 2.37 | 0.002  | 0.11 | <0.1 | 4.2  | 0.35 | 0.03  | 42   | 0.4  | 0.09  | 7.3 |
| 1302455 | Soil    | 7.4  | 40.9 | 0.55 | 319.8 | 0.012 | 3    | 2.40 | 0.004  | 0.09 | <0.1 | 4.3  | 0.26 | 0.02  | 27   | 0.7  | 0.06  | 7.2 |



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Project: FACE  
 Report Date: August 10, 2012

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**CERTIFICATE OF ANALYSIS**

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| Method<br>Analyte<br>Unit<br>MDL |      | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  |
|----------------------------------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|-------|-------|
|                                  |      | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V    | Ca    | P     |       |
|                                  |      | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  | %     | %     | %     |
|                                  |      | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.5   | 0.01 | 0.02 | 0.02 | 2     | 0.01  | 0.001 |
| 1302456                          | Soil | 3.27  | 24.64 | 16.05 | 91.3  | 67   | 35.9 | 12.2 | 350  | 3.68 | 13.6 | 0.5  | 3.5  | 3.1  | 11.5 | 0.27  | 1.06 | 0.18 | 70   | 0.10  | 0.043 |       |
| 1302457                          | Soil | 3.48  | 23.64 | 19.21 | 82.1  | 69   | 28.9 | 9.9  | 255  | 4.24 | 14.9 | 0.4  | 2.1  | 2.4  | 10.8 | 0.18  | 1.12 | 0.24 | 88   | 0.11  | 0.048 |       |
| 1302458                          | Soil | 21.79 | 29.63 | 20.90 | 23.5  | 182  | 4.6  | 0.7  | 7    | 7.78 | 35.6 | 0.3  | 1.4  | 3.3  | 17.0 | <0.01 | 1.13 | 0.30 | 36   | <0.01 | 0.053 |       |
| 1302459                          | Soil | 6.75  | 46.38 | 19.49 | 43.4  | 214  | 14.5 | 3.8  | 97   | 4.23 | 24.0 | 0.6  | 4.2  | 3.1  | 17.7 | 0.08  | 1.70 | 0.23 | 33   | 0.02  | 0.056 |       |
| 1302460                          | Soil | 4.75  | 46.93 | 20.29 | 92.9  | 389  | 44.7 | 8.3  | 146  | 3.25 | 15.4 | 0.7  | 4.5  | 2.4  | 16.4 | 0.42  | 1.00 | 0.19 | 38   | 0.08  | 0.057 |       |
| 1302461                          | Soil | 6.50  | 66.28 | 60.44 | 172.8 | 377  | 66.2 | 16.5 | 269  | 5.39 | 18.6 | 1.1  | 6.6  | 5.5  | 30.7 | 0.54  | 3.79 | 0.29 | 54   | 0.02  | 0.105 |       |
| 1302462                          | Soil | 3.05  | 36.78 | 51.42 | 97.8  | 226  | 36.1 | 11.9 | 390  | 2.87 | 10.3 | 0.9  | 3.7  | 2.7  | 15.1 | 0.47  | 0.86 | 0.20 | 56   | 0.12  | 0.039 |       |
| 1302463                          | Soil | 3.18  | 49.90 | 43.87 | 91.1  | 194  | 37.7 | 6.0  | 120  | 2.40 | 9.0  | 1.0  | 2.4  | 2.6  | 15.3 | 0.60  | 0.92 | 0.17 | 39   | 0.10  | 0.041 |       |
| 1302464                          | Soil | 4.65  | 18.55 | 18.43 | 50.8  | 80   | 13.8 | 4.0  | 102  | 2.52 | 13.3 | 0.3  | 1.9  | 1.9  | 9.0  | 0.12  | 0.88 | 0.20 | 53   | 0.05  | 0.028 |       |
| 1302465                          | Soil | 4.88  | 47.32 | 45.60 | 100.6 | 188  | 22.4 | 4.4  | 53   | 3.39 | 22.3 | 0.5  | 2.2  | 2.7  | 16.2 | 0.46  | 1.40 | 0.22 | 39   | 0.01  | 0.050 |       |
| 1302466                          | Soil | 6.18  | 31.09 | 33.42 | 55.8  | 225  | 17.2 | 4.8  | 110  | 2.93 | 18.0 | 0.4  | 1.6  | 2.8  | 9.9  | 0.09  | 1.08 | 0.20 | 60   | 0.05  | 0.021 |       |
| 1302467                          | Soil | 4.17  | 31.34 | 16.94 | 54.7  | 110  | 16.1 | 5.0  | 122  | 2.68 | 12.3 | 0.6  | 2.9  | 2.6  | 13.9 | 0.17  | 0.82 | 0.19 | 43   | 0.06  | 0.024 |       |
| 1302468                          | Soil | 4.10  | 36.93 | 21.72 | 58.9  | 114  | 17.3 | 3.6  | 90   | 3.60 | 13.4 | 0.4  | 2.2  | 2.1  | 15.6 | 0.15  | 1.04 | 0.25 | 62   | 0.04  | 0.042 |       |
| 1302469                          | Soil | 10.50 | 39.74 | 103.4 | 51.6  | 219  | 12.0 | 1.6  | 16   | 3.50 | 21.2 | 0.4  | 3.3  | 2.3  | 23.3 | 0.15  | 1.00 | 0.28 | 28   | 0.02  | 0.033 |       |
| 1302470                          | Soil | 2.99  | 23.54 | 21.42 | 40.0  | 154  | 13.5 | 3.1  | 63   | 1.90 | 8.5  | 0.5  | 3.3  | 1.6  | 8.7  | 0.22  | 0.63 | 0.15 | 49   | 0.05  | 0.022 |       |
| 1302471                          | Soil | 12.02 | 51.82 | 32.57 | 64.7  | 159  | 10.1 | 2.2  | 32   | 4.99 | 44.0 | 0.2  | 3.3  | 2.3  | 28.5 | 0.05  | 2.16 | 0.28 | 43   | 0.02  | 0.074 |       |
| 1302472                          | Soil | 2.64  | 29.12 | 43.69 | 83.3  | 64   | 36.8 | 9.1  | 178  | 2.54 | 9.1  | 0.5  | 2.9  | 3.0  | 13.8 | 0.66  | 0.88 | 0.15 | 49   | 0.09  | 0.017 |       |
| 1302832                          | Soil | 4.10  | 26.40 | 8.19  | 62.5  | 163  | 18.2 | 4.5  | 113  | 1.77 | 7.0  | 0.9  | 1.9  | 2.5  | 23.2 | 0.28  | 1.09 | 0.14 | 45   | 0.24  | 0.036 |       |
| 1302833                          | Soil | 8.74  | 31.24 | 17.71 | 134.4 | 968  | 22.5 | 4.4  | 77   | 2.52 | 15.2 | 0.5  | 2.7  | 2.5  | 63.2 | 0.39  | 3.56 | 0.22 | 58   | 0.09  | 0.045 |       |
| 1302834                          | Soil | 13.85 | 20.39 | 15.80 | 121.4 | 594  | 12.6 | 3.5  | 101  | 2.19 | 19.4 | 0.3  | 2.5  | 1.9  | 25.2 | 0.82  | 6.90 | 0.21 | 86   | 0.05  | 0.034 |       |
| 1302835                          | Soil | 6.09  | 37.51 | 15.86 | 124.7 | 632  | 22.0 | 3.6  | 67   | 3.10 | 25.3 | 0.5  | 1.8  | 2.2  | 48.4 | 0.42  | 3.16 | 0.21 | 86   | 0.04  | 0.073 |       |
| 1302836                          | Soil | 4.13  | 19.77 | 12.66 | 102.5 | 121  | 17.9 | 3.7  | 99   | 3.05 | 8.9  | 0.3  | 1.4  | 1.6  | 11.3 | 0.20  | 1.15 | 0.18 | 65   | 0.05  | 0.043 |       |
| 1302837                          | Soil | 3.70  | 39.19 | 10.64 | 98.1  | 363  | 36.1 | 8.7  | 285  | 2.39 | 11.5 | 1.1  | 3.7  | 4.1  | 47.8 | 0.71  | 1.62 | 0.22 | 63   | 0.88  | 0.081 |       |
| 1302838                          | Soil | 3.82  | 38.43 | 9.28  | 105.2 | 329  | 42.7 | 11.3 | 256  | 2.04 | 8.3  | 2.9  | 2.3  | 3.1  | 42.6 | 1.04  | 1.15 | 0.16 | 57   | 0.55  | 0.058 |       |
| 1302839                          | Soil | 3.31  | 40.10 | 8.98  | 243.4 | 316  | 78.0 | 11.9 | 211  | 2.28 | 8.9  | 1.6  | 3.1  | 2.7  | 34.8 | 1.83  | 1.23 | 0.14 | 55   | 0.35  | 0.080 |       |
| 1302840                          | Soil | 2.85  | 33.94 | 8.27  | 108.3 | 258  | 39.9 | 8.7  | 212  | 2.07 | 7.7  | 1.4  | 2.2  | 3.9  | 35.3 | 0.81  | 1.19 | 0.12 | 53   | 0.43  | 0.076 |       |
| 1302841                          | Soil | 5.71  | 43.38 | 12.67 | 116.9 | 481  | 36.6 | 7.4  | 135  | 2.53 | 12.0 | 1.3  | 2.8  | 3.6  | 43.1 | 1.22  | 2.07 | 0.17 | 67   | 0.23  | 0.066 |       |
| 1302842                          | Soil | 3.08  | 23.76 | 10.95 | 90.1  | 279  | 13.8 | 5.1  | 167  | 2.00 | 6.9  | 0.3  | 1.0  | 1.5  | 20.6 | 0.38  | 1.11 | 0.16 | 54   | 0.07  | 0.047 |       |
| 1302843                          | Soil | 5.67  | 31.23 | 14.84 | 95.5  | 474  | 17.0 | 3.7  | 72   | 2.85 | 15.0 | 0.4  | 1.0  | 2.1  | 36.3 | 0.28  | 2.33 | 0.20 | 74   | 0.04  | 0.047 |       |
| 1302844                          | Soil | 5.62  | 31.70 | 17.47 | 37.0  | 356  | 10.7 | 2.9  | 65   | 2.27 | 11.8 | 0.4  | 1.6  | 3.7  | 28.7 | 0.22  | 1.08 | 0.22 | 57   | 0.04  | 0.037 |       |

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Project: FACE  
 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

# DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302456 | Soil    | 8.6  | 38.4 | 0.48 | 230.4 | 0.024 | 3    | 2.25 | 0.005 | 0.08 | 0.1  | 3.4  | 0.21 | 0.03  | 36   | 0.7  | <0.02 | 5.8 |
| 1302457 | Soil    | 7.3  | 34.7 | 0.34 | 280.3 | 0.015 | 2    | 1.96 | 0.003 | 0.07 | 0.1  | 2.9  | 0.24 | <0.02 | 41   | 0.3  | 0.07  | 7.6 |
| 1302458 | Soil    | 1.7  | 19.0 | 0.05 | 119.4 | 0.001 | 3    | 0.43 | 0.028 | 0.24 | <0.1 | 2.2  | 1.06 | 0.74  | 260  | 3.3  | 0.12  | 3.3 |
| 1302459 | Soil    | 3.6  | 26.0 | 0.28 | 256.0 | 0.003 | 2    | 1.32 | 0.009 | 0.14 | <0.1 | 5.4  | 1.06 | 0.24  | 136  | 1.7  | 0.11  | 3.8 |
| 1302460 | Soil    | 5.3  | 26.3 | 0.29 | 422.6 | 0.003 | 4    | 1.34 | 0.011 | 0.12 | <0.1 | 6.2  | 0.69 | 0.08  | 304  | 1.2  | 0.08  | 4.3 |
| 1302461 | Soil    | 6.9  | 40.4 | 0.42 | 476.3 | 0.004 | 5    | 2.01 | 0.017 | 0.17 | <0.1 | 9.5  | 1.73 | 0.27  | 111  | 2.6  | 0.08  | 5.4 |
| 1302462 | Soil    | 8.3  | 34.7 | 0.42 | 280.7 | 0.013 | 3    | 1.70 | 0.006 | 0.09 | 0.1  | 3.8  | 0.41 | 0.05  | 72   | 0.7  | 0.04  | 5.4 |
| 1302463 | Soil    | 6.3  | 28.1 | 0.29 | 259.4 | 0.009 | 2    | 1.18 | 0.007 | 0.08 | <0.1 | 4.2  | 0.36 | 0.07  | 78   | 0.8  | 0.04  | 3.6 |
| 1302464 | Soil    | 6.6  | 20.5 | 0.25 | 259.6 | 0.009 | 2    | 1.29 | 0.006 | 0.08 | <0.1 | 2.1  | 0.44 | 0.05  | 18   | 0.6  | 0.04  | 5.5 |
| 1302465 | Soil    | 3.3  | 25.6 | 0.28 | 604.3 | 0.001 | 2    | 1.23 | 0.016 | 0.16 | <0.1 | 4.0  | 0.73 | 0.30  | 179  | 1.7  | 0.09  | 4.0 |
| 1302466 | Soil    | 7.4  | 28.3 | 0.24 | 222.3 | 0.009 | 1    | 1.75 | 0.006 | 0.06 | <0.1 | 2.7  | 0.55 | 0.03  | 28   | 0.7  | 0.08  | 5.8 |
| 1302467 | Soil    | 7.0  | 25.0 | 0.26 | 248.1 | 0.008 | 2    | 1.24 | 0.012 | 0.09 | <0.1 | 2.9  | 0.51 | 0.10  | 56   | 0.7  | 0.06  | 4.2 |
| 1302468 | Soil    | 4.8  | 28.7 | 0.23 | 212.5 | 0.004 | 2    | 1.88 | 0.009 | 0.11 | <0.1 | 2.7  | 0.41 | 0.08  | 20   | 1.2  | 0.07  | 6.3 |
| 1302469 | Soil    | 1.9  | 20.8 | 0.05 | 729.1 | 0.001 | 2    | 0.70 | 0.029 | 0.12 | <0.1 | 2.7  | 0.92 | 0.21  | 127  | 1.2  | 0.05  | 3.4 |
| 1302470 | Soil    | 6.5  | 20.5 | 0.17 | 185.1 | 0.009 | 1    | 1.18 | 0.009 | 0.06 | <0.1 | 2.0  | 0.28 | 0.03  | 27   | 0.4  | 0.05  | 4.7 |
| 1302471 | Soil    | 2.7  | 24.1 | 0.09 | 435.2 | 0.002 | 2    | 0.95 | 0.024 | 0.16 | <0.1 | 2.5  | 1.30 | 0.25  | 127  | 2.9  | 0.15  | 4.6 |
| 1302472 | Soil    | 7.7  | 29.8 | 0.42 | 329.5 | 0.014 | 2    | 1.71 | 0.007 | 0.07 | <0.1 | 2.9  | 0.27 | 0.04  | 21   | 0.8  | <0.02 | 4.4 |
| 1302832 | Soil    | 8.7  | 19.3 | 0.26 | 450.0 | 0.017 | 2    | 0.95 | 0.009 | 0.08 | <0.1 | 2.6  | 0.20 | 0.02  | 33   | 1.4  | 0.06  | 3.0 |
| 1302833 | Soil    | 5.6  | 19.2 | 0.19 | 822.3 | 0.004 | 2    | 1.01 | 0.027 | 0.13 | <0.1 | 2.2  | 0.39 | 0.19  | 28   | 2.9  | 0.04  | 2.9 |
| 1302834 | Soil    | 4.4  | 16.0 | 0.11 | 1275  | 0.003 | 2    | 1.11 | 0.016 | 0.12 | <0.1 | 1.9  | 0.69 | 0.11  | 25   | 3.2  | 0.05  | 3.7 |
| 1302835 | Soil    | 5.4  | 26.9 | 0.24 | 1500  | 0.002 | 1    | 1.83 | 0.009 | 0.13 | <0.1 | 3.0  | 0.44 | 0.08  | 30   | 1.8  | 0.03  | 4.9 |
| 1302836 | Soil    | 6.0  | 18.1 | 0.15 | 287.4 | 0.007 | <1   | 1.29 | 0.005 | 0.05 | <0.1 | 1.6  | 0.19 | 0.03  | 14   | 0.5  | <0.02 | 4.4 |
| 1302837 | Soil    | 12.3 | 27.8 | 0.56 | 652.0 | 0.038 | 3    | 1.16 | 0.020 | 0.10 | 0.2  | 4.2  | 0.23 | 0.03  | 48   | 1.0  | 0.03  | 3.7 |
| 1302838 | Soil    | 10.9 | 25.6 | 0.41 | 763.2 | 0.014 | 2    | 1.28 | 0.014 | 0.08 | 0.1  | 4.0  | 0.22 | 0.03  | 59   | 1.1  | 0.03  | 3.7 |
| 1302839 | Soil    | 12.4 | 26.4 | 0.43 | 691.6 | 0.023 | 2    | 1.39 | 0.011 | 0.08 | 0.2  | 4.0  | 0.23 | 0.04  | 54   | 1.0  | 0.05  | 3.8 |
| 1302840 | Soil    | 13.2 | 27.4 | 0.42 | 685.3 | 0.032 | 2    | 1.19 | 0.012 | 0.08 | 0.2  | 4.0  | 0.19 | 0.02  | 38   | 0.8  | 0.03  | 3.5 |
| 1302841 | Soil    | 9.8  | 28.9 | 0.36 | 1243  | 0.014 | 2    | 1.24 | 0.007 | 0.09 | <0.1 | 3.9  | 0.30 | 0.05  | 88   | 2.9  | <0.02 | 3.5 |
| 1302842 | Soil    | 4.6  | 20.4 | 0.21 | 636.1 | 0.007 | <1   | 1.13 | 0.011 | 0.10 | <0.1 | 2.0  | 0.26 | 0.06  | 23   | 0.8  | 0.04  | 4.3 |
| 1302843 | Soil    | 4.9  | 29.4 | 0.29 | 621.2 | 0.003 | 1    | 1.62 | 0.021 | 0.11 | <0.1 | 2.5  | 0.48 | 0.14  | 40   | 2.3  | 0.09  | 4.5 |
| 1302844 | Soil    | 6.0  | 23.5 | 0.20 | 461.1 | 0.005 | <1   | 1.56 | 0.011 | 0.11 | <0.1 | 2.3  | 0.62 | 0.15  | 34   | 0.9  | 0.09  | 4.4 |



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 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |       |
|---------|------|-------|-------|-------|-------|------|------|------|------|------|-------|------|------|------|-------|------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U     | Au   | Th   | Sr   | Cd    | Sb   | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm   | ppb  | ppm  | ppm  | ppm   | ppm  | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1   | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02  | 2    | 0.01 | 0.001 |       |
| 1302845 | Soil | 6.07  | 27.71 | 15.47 | 49.7  | 321  | 9.1  | 1.5  | 21   | 2.09 | 11.3  | 0.4  | 1.6  | 2.9  | 16.8  | 0.24 | 1.31  | 0.21 | 47   | 0.02  | 0.043 |
| 1302846 | Soil | 7.42  | 34.39 | 12.30 | 31.1  | 262  | 4.9  | 1.0  | 15   | 2.96 | 13.9  | 0.3  | 1.2  | 1.7  | 14.3  | 0.12 | 1.89  | 0.20 | 45   | 0.02  | 0.046 |
| 1302847 | Soil | 6.08  | 38.88 | 9.07  | 55.5  | 327  | 15.9 | 2.5  | 43   | 1.45 | 9.8   | 1.8  | 2.4  | 2.2  | 21.5  | 0.28 | 1.65  | 0.13 | 64   | 0.11  | 0.026 |
| 1302848 | Soil | 6.07  | 43.84 | 10.89 | 64.5  | 341  | 15.8 | 2.9  | 58   | 1.94 | 12.5  | 1.2  | 3.9  | 1.5  | 35.4  | 0.33 | 1.78  | 0.16 | 48   | 0.11  | 0.054 |
| 1302849 | Soil | 10.56 | 55.01 | 23.77 | 79.1  | 658  | 13.2 | 2.4  | 32   | 3.50 | 18.3  | 0.6  | 3.8  | 4.9  | 46.3  | 0.42 | 4.01  | 0.26 | 73   | 0.03  | 0.070 |
| 1302850 | Soil | 16.22 | 43.55 | 9.79  | 48.2  | 496  | 12.8 | 2.2  | 45   | 1.76 | 21.4  | 1.5  | 3.8  | 1.7  | 55.7  | 0.15 | 3.79  | 0.13 | 52   | 0.09  | 0.053 |
| 1302851 | Soil | 2.58  | 25.38 | 25.47 | 117.8 | 174  | 32.1 | 10.3 | 265  | 3.51 | 10.8  | 0.4  | 1.7  | 2.4  | 9.2   | 0.42 | 0.97  | 0.21 | 87   | 0.09  | 0.039 |
| 1302852 | Soil | 16.44 | 25.42 | 15.32 | 77.2  | 772  | 18.8 | 3.6  | 69   | 3.11 | 29.2  | 1.2  | 0.9  | 0.9  | 57.4  | 0.61 | 3.82  | 0.21 | 233  | 0.05  | 0.119 |
| 1302853 | Soil | 18.27 | 23.05 | 16.14 | 121.8 | 774  | 21.3 | 4.8  | 136  | 4.13 | 24.5  | 1.3  | 2.9  | 2.2  | 43.5  | 0.51 | 5.53  | 0.24 | 225  | 0.07  | 0.081 |
| 1302854 | Soil | 46.90 | 50.02 | 19.77 | 116.0 | 2774 | 17.1 | 2.3  | 41   | 8.62 | 119.4 | 4.5  | 6.0  | 1.7  | 130.1 | 0.78 | 36.64 | 0.24 | 371  | 0.04  | 0.173 |
| 1302855 | Soil | 39.59 | 20.87 | 13.72 | 59.9  | 478  | 13.1 | 2.8  | 103  | 6.29 | 32.5  | 2.2  | 8.7  | 1.9  | 14.9  | 0.25 | 5.95  | 0.29 | 179  | 0.03  | 0.072 |
| 1302856 | Soil | 57.24 | 61.72 | 17.96 | 39.7  | 374  | 13.0 | 1.4  | 28   | 5.61 | 70.4  | 5.0  | 5.5  | 1.7  | 107.4 | 0.17 | 6.76  | 0.27 | 172  | <0.01 | 0.052 |
| 1302857 | Soil | 19.30 | 22.53 | 11.44 | 56.2  | 368  | 19.2 | 4.2  | 103  | 2.20 | 17.1  | 2.7  | 2.4  | 2.6  | 29.1  | 0.44 | 2.56  | 0.16 | 186  | 0.06  | 0.048 |
| 1302858 | Soil | 14.45 | 30.06 | 10.86 | 17.3  | 1141 | 8.1  | 0.7  | 14   | 1.07 | 5.6   | 3.6  | 3.0  | 1.6  | 49.8  | 0.44 | 1.81  | 0.14 | 104  | 0.10  | 0.190 |
| 1302859 | Soil | 12.78 | 67.06 | 17.04 | 140.2 | 4136 | 40.4 | 1.9  | 33   | 1.62 | 13.4  | 8.4  | 3.5  | 0.4  | 171.6 | 3.20 | 3.62  | 0.22 | 168  | 0.51  | 0.490 |
| 1302860 | Soil | 32.28 | 96.06 | 20.08 | 99.6  | 4894 | 23.8 | 1.5  | 16   | 4.39 | 13.7  | 0.8  | 5.6  | 0.8  | 356.8 | 0.30 | 3.36  | 0.35 | 143  | 0.02  | 0.140 |
| 1302861 | Soil | 5.53  | 58.84 | 9.75  | 42.8  | 1094 | 16.5 | 3.9  | 87   | 1.85 | 10.3  | 2.7  | 6.0  | 1.0  | 34.4  | 0.38 | 1.16  | 0.16 | 74   | 0.11  | 0.048 |
| 1302862 | Soil | 6.26  | 89.90 | 10.81 | 30.3  | 1064 | 14.8 | 3.6  | 99   | 1.93 | 10.2  | 3.7  | 4.4  | 2.7  | 35.3  | 0.31 | 1.05  | 0.18 | 96   | 0.05  | 0.021 |
| 1302863 | Soil | 4.17  | 20.29 | 11.24 | 16.4  | 1544 | 7.4  | 1.9  | 44   | 1.53 | 8.7   | 1.4  | 2.7  | 0.7  | 22.4  | 0.08 | 0.58  | 0.18 | 56   | 0.05  | 0.034 |
| 1302864 | Soil | 9.35  | 57.18 | 13.24 | 72.1  | 914  | 29.4 | 7.7  | 158  | 2.83 | 24.9  | 2.3  | 9.4  | 3.1  | 68.5  | 0.38 | 3.31  | 0.19 | 161  | 0.14  | 0.141 |



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Project: FACE  
 Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000133.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302845 | Soil    | 3.8  | 13.1 | 0.09 | 538.5 | 0.002 | <1   | 0.96 | 0.017 | 0.13 | <0.1 | 1.9  | 0.40 | 0.17  | 28   | 1.0  | 0.02 | 3.1 |
| 1302846 | Soil    | 2.3  | 13.8 | 0.07 | 343.9 | 0.002 | 1    | 0.83 | 0.011 | 0.11 | <0.1 | 1.4  | 0.31 | 0.09  | 42   | 1.7  | 0.07 | 3.0 |
| 1302847 | Soil    | 7.1  | 17.0 | 0.15 | 607.6 | 0.009 | 1    | 0.83 | 0.006 | 0.08 | <0.1 | 2.5  | 0.25 | <0.02 | 45   | 1.3  | 0.03 | 2.4 |
| 1302848 | Soil    | 6.8  | 21.4 | 0.19 | 748.6 | 0.010 | 1    | 0.91 | 0.009 | 0.09 | <0.1 | 3.1  | 0.64 | 0.06  | 71   | 1.4  | 0.07 | 3.0 |
| 1302849 | Soil    | 4.4  | 18.5 | 0.12 | 649.6 | 0.002 | <1   | 1.34 | 0.055 | 0.14 | <0.1 | 2.4  | 0.78 | 0.34  | 53   | 3.7  | 0.11 | 3.9 |
| 1302850 | Soil    | 6.1  | 14.2 | 0.15 | 1294  | 0.006 | 2    | 0.71 | 0.011 | 0.08 | <0.1 | 2.4  | 1.00 | 0.09  | 186  | 5.3  | 0.08 | 2.2 |
| 1302851 | Soil    | 7.6  | 39.9 | 0.50 | 289.3 | 0.009 | 1    | 2.21 | 0.003 | 0.12 | 0.1  | 3.4  | 0.23 | <0.02 | 35   | 0.4  | 0.02 | 6.8 |
| 1302852 | Soil    | 6.2  | 27.0 | 0.13 | 1180  | 0.006 | <1   | 1.57 | 0.008 | 0.10 | 0.1  | 1.4  | 1.24 | 0.22  | 41   | 3.8  | 0.19 | 6.0 |
| 1302853 | Soil    | 6.0  | 34.5 | 0.29 | 618.7 | 0.008 | 1    | 2.21 | 0.016 | 0.14 | 0.1  | 2.9  | 1.82 | 0.26  | 61   | 4.4  | 0.14 | 6.2 |
| 1302854 | Soil    | 4.7  | 29.4 | 0.07 | 142.9 | 0.003 | <1   | 1.29 | 0.053 | 0.27 | <0.1 | 2.5  | 4.53 | 0.88  | 65   | 13.3 | 0.38 | 4.9 |
| 1302855 | Soil    | 5.3  | 22.0 | 0.13 | 747.3 | 0.008 | 1    | 1.44 | 0.002 | 0.12 | <0.1 | 2.2  | 3.32 | 0.09  | 59   | 4.5  | 0.14 | 5.2 |
| 1302856 | Soil    | 3.0  | 14.4 | 0.03 | 159.4 | 0.001 | 2    | 0.46 | 0.028 | 0.22 | <0.1 | 3.6  | 3.41 | 0.71  | 197  | 10.5 | 0.27 | 2.7 |
| 1302857 | Soil    | 7.9  | 23.1 | 0.23 | 733.4 | 0.012 | 2    | 1.46 | 0.002 | 0.10 | 0.1  | 2.5  | 1.21 | 0.14  | 49   | 3.2  | 0.14 | 4.0 |
| 1302858 | Soil    | 4.9  | 16.2 | 0.05 | 771.3 | 0.003 | 3    | 0.74 | 0.002 | 0.10 | 0.2  | 1.6  | 0.68 | 0.16  | 70   | 3.6  | 0.17 | 1.7 |
| 1302859 | Soil    | 8.1  | 48.5 | 0.06 | 1910  | 0.003 | 5    | 0.91 | 0.003 | 0.14 | 0.2  | 1.1  | 0.48 | 0.21  | 209  | 10.8 | 0.10 | 3.2 |
| 1302860 | Soil    | 2.3  | 34.1 | 0.09 | 341.0 | 0.002 | <1   | 1.41 | 0.004 | 0.17 | <0.1 | 4.0  | 0.32 | 0.43  | 89   | 18.8 | 0.36 | 3.9 |
| 1302861 | Soil    | 9.8  | 42.6 | 0.25 | 1075  | 0.011 | 2    | 1.18 | 0.004 | 0.07 | 0.1  | 2.5  | 0.19 | 0.06  | 119  | 4.5  | 0.06 | 4.1 |
| 1302862 | Soil    | 9.1  | 77.3 | 0.18 | 879.0 | 0.009 | 3    | 1.59 | 0.002 | 0.08 | 0.1  | 3.9  | 0.23 | 0.09  | 108  | 7.1  | 0.09 | 5.9 |
| 1302863 | Soil    | 6.2  | 30.5 | 0.11 | 692.1 | 0.008 | 2    | 0.88 | 0.003 | 0.10 | <0.1 | 1.8  | 0.17 | 0.17  | 89   | 6.1  | 0.08 | 4.5 |
| 1302864 | Soil    | 9.5  | 36.4 | 0.36 | 892.5 | 0.017 | 2    | 1.83 | 0.004 | 0.10 | 0.2  | 3.5  | 0.52 | 0.13  | 121  | 4.2  | 0.10 | 4.9 |



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**Report Date:** August 10, 2012

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Part: 1 of 2

# QUALITY CONTROL REPORT

DAW12000133.1

| Method          | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |
|-----------------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte         | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit            | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL             | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| Pulp Duplicates |      |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
| 1301073         | Soil | 21.53 | 28.06 | 13.10 | 38.5  | 246  | 10.5 | 1.0  | 4    | 2.10 | 18.6 | 1.5  | 4.7  | 3.5  | 32.8 | 0.03 | 6.07 | 0.13 | 63   | <0.01 | 0.031 |
| REP 1301073     | QC   | 21.43 | 28.46 | 13.32 | 37.9  | 207  | 10.3 | 1.0  | 4    | 2.16 | 18.6 | 1.4  | 4.1  | 3.6  | 32.9 | 0.02 | 6.16 | 0.12 | 64   | <0.01 | 0.031 |
| 1301075         | Soil | 2.76  | 32.97 | 8.75  | 60.3  | 114  | 25.3 | 5.5  | 127  | 2.07 | 8.7  | 0.7  | 2.8  | 2.9  | 20.1 | 0.12 | 0.77 | 0.10 | 40   | 0.18  | 0.041 |
| REP 1301075     | QC   | 2.79  | 33.48 | 9.04  | 61.0  | 102  | 26.8 | 5.9  | 132  | 2.11 | 9.2  | 0.7  | 2.5  | 3.0  | 20.5 | 0.16 | 0.82 | 0.10 | 41   | 0.17  | 0.042 |
| 1301109         | Soil | 3.83  | 27.08 | 13.70 | 66.0  | 126  | 16.9 | 5.0  | 77   | 2.69 | 9.4  | 0.3  | 0.4  | 2.4  | 22.0 | 0.12 | 0.80 | 0.19 | 43   | 0.05  | 0.023 |
| REP 1301109     | QC   | 3.84  | 26.74 | 13.62 | 65.0  | 123  | 17.2 | 5.0  | 76   | 2.71 | 9.2  | 0.3  | 0.9  | 2.3  | 21.6 | 0.17 | 0.85 | 0.19 | 43   | 0.05  | 0.022 |
| 1301111         | Soil | 2.18  | 22.63 | 20.30 | 112.5 | 164  | 32.6 | 9.1  | 233  | 2.47 | 7.6  | 0.6  | 1.1  | 3.0  | 14.8 | 0.50 | 0.79 | 0.17 | 55   | 0.18  | 0.044 |
| REP 1301111     | QC   | 2.16  | 22.26 | 20.27 | 112.7 | 169  | 33.2 | 9.1  | 242  | 2.50 | 7.9  | 0.7  | 2.2  | 3.1  | 15.7 | 0.46 | 0.76 | 0.16 | 55   | 0.18  | 0.044 |
| 1301145         | Soil | 1.69  | 26.18 | 17.78 | 92.6  | 190  | 28.7 | 10.0 | 194  | 2.98 | 8.3  | 0.3  | <0.2 | 1.9  | 12.9 | 0.57 | 0.79 | 0.18 | 71   | 0.17  | 0.025 |
| REP 1301145     | QC   | 1.80  | 25.70 | 17.80 | 94.8  | 180  | 28.7 | 9.8  | 194  | 2.98 | 8.1  | 0.3  | <0.2 | 2.0  | 13.2 | 0.51 | 0.75 | 0.19 | 71   | 0.17  | 0.024 |
| 1301147         | Soil | 1.96  | 32.72 | 20.48 | 106.3 | 177  | 34.6 | 11.9 | 270  | 3.39 | 9.1  | 0.4  | 0.4  | 2.1  | 9.7  | 0.44 | 0.79 | 0.21 | 70   | 0.11  | 0.038 |
| REP 1301147     | QC   | 1.98  | 34.05 | 20.15 | 109.0 | 163  | 34.9 | 12.6 | 266  | 3.41 | 9.1  | 0.4  | 0.3  | 2.1  | 9.4  | 0.42 | 0.80 | 0.20 | 69   | 0.11  | 0.042 |
| 1301181         | Soil | 2.13  | 30.44 | 21.60 | 69.9  | 157  | 37.6 | 13.4 | 334  | 2.81 | 9.8  | 0.5  | 2.6  | 1.4  | 11.9 | 0.14 | 0.88 | 0.17 | 48   | 0.09  | 0.050 |
| REP 1301181     | QC   | 2.10  | 31.41 | 21.75 | 70.4  | 164  | 38.9 | 13.7 | 338  | 2.86 | 10.4 | 0.5  | 2.7  | 1.4  | 12.7 | 0.14 | 0.88 | 0.18 | 49   | 0.10  | 0.051 |
| 1301183         | Soil | 2.21  | 38.54 | 20.07 | 77.3  | 106  | 38.4 | 12.6 | 397  | 3.48 | 9.5  | 0.6  | 2.0  | 1.4  | 7.5  | 0.10 | 0.84 | 0.23 | 63   | 0.06  | 0.080 |
| REP 1301183     | QC   | 2.23  | 39.73 | 20.01 | 77.9  | 108  | 39.1 | 12.8 | 404  | 3.49 | 9.6  | 0.6  | 1.8  | 1.5  | 7.5  | 0.10 | 0.91 | 0.23 | 62   | 0.06  | 0.081 |
| 1301217         | Soil | 9.87  | 40.25 | 14.50 | 136.2 | 222  | 31.6 | 5.1  | 99   | 4.43 | 29.5 | 0.7  | 0.5  | 1.6  | 31.5 | 0.53 | 2.95 | 0.20 | 147  | 0.07  | 0.083 |
| REP 1301217     | QC   | 9.49  | 38.05 | 14.24 | 133.3 | 201  | 30.5 | 4.8  | 102  | 4.41 | 28.1 | 0.7  | 1.2  | 1.6  | 30.3 | 0.54 | 2.76 | 0.20 | 146  | 0.07  | 0.081 |
| 1301219         | Soil | 13.08 | 39.24 | 13.55 | 60.9  | 581  | 21.2 | 5.2  | 173  | 2.32 | 24.8 | 1.4  | 6.3  | 0.4  | 32.6 | 0.72 | 4.31 | 0.21 | 91   | 0.10  | 0.066 |
| REP 1301219     | QC   | 12.93 | 39.50 | 13.40 | 62.5  | 574  | 21.4 | 5.2  | 174  | 2.32 | 25.0 | 1.3  | 7.4  | 0.4  | 32.9 | 0.76 | 4.24 | 0.20 | 90   | 0.11  | 0.065 |
| 1301254         | Soil | 2.46  | 44.23 | 29.63 | 86.8  | 162  | 38.4 | 13.7 | 349  | 3.62 | 11.5 | 1.1  | 6.6  | 2.4  | 11.6 | 0.31 | 1.13 | 0.21 | 69   | 0.09  | 0.065 |
| REP 1301254     | QC   | 2.45  | 43.58 | 27.82 | 80.4  | 167  | 36.5 | 13.1 | 335  | 3.61 | 11.3 | 1.1  | 2.5  | 2.5  | 11.2 | 0.33 | 1.12 | 0.22 | 69   | 0.09  | 0.063 |
| 1301256         | Soil | 1.69  | 36.78 | 19.65 | 70.2  | 316  | 26.8 | 9.9  | 311  | 2.81 | 8.4  | 0.9  | 3.2  | 2.0  | 10.6 | 0.39 | 0.70 | 0.22 | 57   | 0.09  | 0.089 |
| REP 1301256     | QC   | 1.75  | 37.19 | 20.58 | 72.1  | 337  | 27.2 | 10.2 | 323  | 2.85 | 8.7  | 0.9  | 2.5  | 2.1  | 10.9 | 0.41 | 0.73 | 0.21 | 57   | 0.10  | 0.090 |
| 1301309         | Soil | 3.82  | 27.24 | 13.21 | 155.7 | 508  | 25.4 | 6.4  | 147  | 2.86 | 11.6 | 0.4  | 0.7  | 2.3  | 22.1 | 0.48 | 2.34 | 0.17 | 73   | 0.05  | 0.037 |
| REP 1301309     | QC   | 3.92  | 27.51 | 13.82 | 155.6 | 529  | 25.9 | 6.5  | 149  | 2.89 | 11.4 | 0.4  | 1.0  | 2.3  | 22.3 | 0.52 | 2.48 | 0.18 | 73   | 0.05  | 0.039 |
| 1301311         | Soil | 2.21  | 20.21 | 11.37 | 49.7  | 131  | 17.9 | 5.3  | 112  | 2.84 | 7.5  | 0.3  | 3.7  | 1.9  | 5.7  | 0.16 | 0.65 | 0.19 | 68   | 0.06  | 0.031 |
| REP 1301311     | QC   | 2.07  | 20.21 | 11.34 | 51.3  | 131  | 17.3 | 5.3  | 113  | 2.81 | 7.5  | 0.3  | 3.1  | 1.8  | 5.6  | 0.15 | 0.74 | 0.18 | 66   | 0.05  | 0.031 |

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: FACE  
 Report Date: August 10, 2012

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QUALITY CONTROL REPORT

DAW12000133.1

| Method          | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|-----------------|------|------|------|------|-------|--------|------|-------|-------|------|------|------|------|-------|------|------|------|-----|
| Analyte         | La   | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga   |     |
| Unit            | ppm  | ppm  | %    | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL             | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1  |     |
| Pulp Duplicates |      |      |      |      |       |        |      |       |       |      |      |      |      |       |      |      |      |     |
| 1301073         | Soil | 4.6  | 9.7  | 0.02 | 628.2 | <0.001 | 4    | 0.53  | 0.017 | 0.10 | <0.1 | 1.7  | 1.13 | 0.18  | 13   | 7.7  | 0.13 | 2.2 |
| REP 1301073     | QC   | 4.7  | 9.8  | 0.02 | 627.0 | <0.001 | 4    | 0.53  | 0.017 | 0.10 | <0.1 | 1.6  | 1.16 | 0.18  | 24   | 7.8  | 0.15 | 2.1 |
| 1301075         | Soil | 9.6  | 23.2 | 0.32 | 337.0 | 0.018  | 2    | 1.04  | 0.011 | 0.08 | <0.1 | 3.3  | 0.21 | 0.04  | 75   | 0.7  | 0.08 | 3.3 |
| REP 1301075     | QC   | 9.7  | 23.6 | 0.33 | 335.9 | 0.019  | 1    | 1.05  | 0.011 | 0.08 | 0.1  | 3.4  | 0.21 | 0.04  | 42   | 0.7  | 0.05 | 3.4 |
| 1301109         | Soil | 5.0  | 23.4 | 0.25 | 262.4 | 0.006  | <1   | 1.20  | 0.011 | 0.09 | <0.1 | 2.5  | 0.22 | 0.06  | 20   | 0.5  | 0.07 | 4.3 |
| REP 1301109     | QC   | 4.9  | 23.1 | 0.24 | 261.2 | 0.006  | 1    | 1.20  | 0.012 | 0.09 | <0.1 | 2.4  | 0.22 | 0.06  | 17   | 0.5  | 0.06 | 4.3 |
| 1301111         | Soil | 10.0 | 31.7 | 0.48 | 420.8 | 0.018  | 2    | 1.50  | 0.005 | 0.06 | <0.1 | 3.2  | 0.18 | <0.02 | 28   | 0.6  | 0.03 | 4.7 |
| REP 1301111     | QC   | 10.4 | 32.1 | 0.49 | 411.2 | 0.018  | 1    | 1.53  | 0.004 | 0.06 | 0.1  | 3.5  | 0.21 | <0.02 | 24   | 0.6  | 0.03 | 4.8 |
| 1301145         | Soil | 7.6  | 34.0 | 0.48 | 584.5 | 0.009  | 1    | 1.99  | 0.003 | 0.05 | <0.1 | 3.4  | 0.25 | <0.02 | 15   | 0.4  | 0.05 | 6.9 |
| REP 1301145     | QC   | 7.6  | 33.1 | 0.48 | 582.5 | 0.009  | 4    | 2.00  | 0.003 | 0.05 | <0.1 | 3.6  | 0.25 | <0.02 | 23   | 0.5  | 0.07 | 7.1 |
| 1301147         | Soil | 6.4  | 36.3 | 0.51 | 499.4 | 0.007  | 3    | 2.22  | 0.003 | 0.08 | <0.1 | 3.9  | 0.44 | <0.02 | 26   | 0.4  | 0.09 | 6.8 |
| REP 1301147     | QC   | 6.0  | 35.3 | 0.51 | 497.7 | 0.007  | 2    | 2.24  | 0.003 | 0.08 | <0.1 | 3.7  | 0.43 | 0.02  | 23   | 0.5  | 0.03 | 6.9 |
| 1301181         | Soil | 7.2  | 32.6 | 0.45 | 157.1 | 0.011  | 2    | 1.39  | 0.005 | 0.08 | 0.1  | 2.8  | 0.21 | 0.04  | 59   | 0.4  | 0.04 | 4.4 |
| REP 1301181     | QC   | 7.3  | 32.1 | 0.47 | 165.2 | 0.011  | 2    | 1.43  | 0.005 | 0.08 | 0.1  | 2.9  | 0.23 | 0.04  | 52   | 0.4  | 0.05 | 4.6 |
| 1301183         | Soil | 5.9  | 39.1 | 0.48 | 177.9 | 0.006  | 2    | 1.89  | 0.002 | 0.09 | 0.1  | 3.1  | 0.19 | 0.04  | 73   | 0.5  | 0.06 | 6.3 |
| REP 1301183     | QC   | 6.0  | 38.5 | 0.47 | 175.9 | 0.006  | 2    | 1.87  | 0.002 | 0.09 | <0.1 | 3.2  | 0.20 | 0.04  | 61   | 0.5  | 0.05 | 6.2 |
| 1301217         | Soil | 4.7  | 32.1 | 0.18 | 829.7 | 0.006  | <1   | 1.63  | 0.007 | 0.08 | <0.1 | 2.6  | 0.87 | 0.12  | 32   | 2.3  | 0.10 | 5.7 |
| REP 1301217     | QC   | 4.7  | 32.4 | 0.18 | 824.5 | 0.006  | 1    | 1.65  | 0.007 | 0.08 | <0.1 | 2.6  | 0.85 | 0.12  | 31   | 2.3  | 0.09 | 5.6 |
| 1301219         | Soil | 8.0  | 27.3 | 0.26 | 1115  | 0.009  | 3    | 1.37  | 0.008 | 0.08 | 0.1  | 2.3  | 1.05 | 0.08  | 84   | 3.4  | 0.10 | 5.3 |
| REP 1301219     | QC   | 8.1  | 27.7 | 0.26 | 1126  | 0.009  | 3    | 1.38  | 0.008 | 0.08 | 0.1  | 2.3  | 1.02 | 0.08  | 77   | 3.6  | 0.12 | 5.5 |
| 1301254         | Soil | 12.5 | 39.1 | 0.47 | 254.4 | 0.015  | 3    | 1.77  | 0.004 | 0.09 | 0.1  | 3.8  | 0.27 | 0.04  | 69   | 0.6  | 0.11 | 6.2 |
| REP 1301254     | QC   | 12.2 | 37.4 | 0.46 | 252.0 | 0.014  | 3    | 1.77  | 0.003 | 0.09 | 0.1  | 3.9  | 0.26 | 0.04  | 69   | 0.7  | 0.08 | 6.0 |
| 1301256         | Soil | 9.5  | 34.7 | 0.37 | 282.4 | 0.007  | 2    | 1.70  | 0.002 | 0.08 | 0.1  | 3.5  | 0.24 | 0.03  | 64   | 0.7  | 0.04 | 6.0 |
| REP 1301256     | QC   | 9.9  | 35.4 | 0.38 | 307.9 | 0.007  | 3    | 1.74  | 0.002 | 0.08 | <0.1 | 3.7  | 0.25 | 0.03  | 72   | 0.6  | 0.09 | 5.9 |
| 1301309         | Soil | 7.4  | 26.0 | 0.22 | 320.3 | 0.010  | 1    | 1.50  | 0.010 | 0.08 | <0.1 | 2.6  | 0.31 | 0.08  | 14   | 1.6  | 0.06 | 5.2 |
| REP 1301309     | QC   | 7.6  | 26.0 | 0.23 | 334.1 | 0.010  | 1    | 1.51  | 0.010 | 0.08 | <0.1 | 2.6  | 0.32 | 0.08  | 17   | 1.6  | 0.08 | 5.3 |
| 1301311         | Soil | 6.9  | 22.8 | 0.21 | 161.2 | 0.010  | <1   | 1.30  | 0.005 | 0.06 | <0.1 | 2.1  | 0.18 | <0.02 | 25   | 0.3  | 0.04 | 6.0 |
| REP 1301311     | QC   | 6.8  | 21.9 | 0.22 | 162.7 | 0.010  | 1    | 1.28  | 0.005 | 0.06 | <0.1 | 2.0  | 0.18 | <0.02 | 23   | 0.4  | 0.05 | 5.8 |

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Project: FACE  
Report Date: August 10, 2012

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QUALITY CONTROL REPORT

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|                     |          | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15   |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
|                     |          | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     | P      |
|                     |          | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      | %      |
|                     |          | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   | 0.001  |
| 1301361             | Soil     | 2.56  | 77.81 | 29.68 | 134.3 | 102  | 76.3 | 20.3 | 255  | 4.39  | 12.4 | 0.4  | 2.1   | 1.6  | 6.6  | 0.21  | 1.32  | 0.37  | 63   | 0.08   | 0.039  |
| REP 1301361         | QC       | 2.41  | 75.35 | 29.05 | 132.8 | 104  | 75.9 | 19.6 | 256  | 4.31  | 12.3 | 0.4  | 2.3   | 1.6  | 6.6  | 0.26  | 1.16  | 0.36  | 63   | 0.08   | 0.038  |
| 1302452             | Soil     | 1.65  | 30.10 | 13.24 | 93.4  | 175  | 36.4 | 9.9  | 262  | 2.70  | 7.8  | 0.6  | 2.4   | 2.4  | 11.6 | 0.34  | 0.74  | 0.18  | 51   | 0.12   | 0.038  |
| REP 1302452         | QC       | 1.72  | 31.28 | 13.55 | 95.4  | 185  | 37.1 | 10.2 | 265  | 2.74  | 8.0  | 0.6  | 3.5   | 2.4  | 11.8 | 0.40  | 0.73  | 0.18  | 52   | 0.13   | 0.039  |
| 1302838             | Soil     | 3.82  | 38.43 | 9.28  | 105.2 | 329  | 42.7 | 11.3 | 256  | 2.04  | 8.3  | 2.9  | 2.3   | 3.1  | 42.6 | 1.04  | 1.15  | 0.16  | 57   | 0.55   | 0.058  |
| REP 1302838         | QC       | 3.68  | 39.33 | 9.31  | 108.4 | 326  | 43.2 | 11.8 | 261  | 2.07  | 8.6  | 2.9  | 3.2   | 3.2  | 44.9 | 0.98  | 1.22  | 0.16  | 58   | 0.56   | 0.058  |
| 1302848             | Soil     | 6.07  | 43.84 | 10.89 | 64.5  | 341  | 15.8 | 2.9  | 58   | 1.94  | 12.5 | 1.2  | 3.9   | 1.5  | 35.4 | 0.33  | 1.78  | 0.16  | 48   | 0.11   | 0.054  |
| REP 1302848         | QC       | 6.21  | 45.11 | 11.50 | 65.0  | 336  | 16.7 | 3.1  | 58   | 1.99  | 12.9 | 1.3  | 4.0   | 1.6  | 36.8 | 0.38  | 1.78  | 0.17  | 50   | 0.12   | 0.056  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| STD DS9             | Standard | 12.53 | 105.4 | 119.7 | 292.9 | 1919 | 40.5 | 7.5  | 565  | 2.15  | 23.9 | 2.7  | 112.1 | 6.0  | 58.8 | 2.28  | 4.91  | 4.41  | 37   | 0.72   | 0.076  |
| STD DS9             | Standard | 14.42 | 105.6 | 125.2 | 307.5 | 1859 | 42.9 | 8.4  | 589  | 2.35  | 25.5 | 2.6  | 163.3 | 6.2  | 75.0 | 2.19  | 5.17  | 5.87  | 40   | 0.75   | 0.080  |
| STD DS9             | Standard | 13.59 | 107.2 | 122.8 | 300.6 | 1933 | 38.6 | 7.2  | 595  | 2.20  | 24.6 | 2.7  | 121.5 | 6.4  | 72.5 | 2.42  | 5.38  | 6.27  | 38   | 0.74   | 0.083  |
| STD DS9             | Standard | 13.70 | 100.4 | 116.9 | 308.1 | 1922 | 42.1 | 8.2  | 593  | 2.24  | 24.7 | 2.4  | 125.1 | 5.7  | 64.3 | 2.19  | 5.39  | 5.74  | 38   | 0.70   | 0.082  |
| STD DS9             | Standard | 14.25 | 110.7 | 125.8 | 305.7 | 1868 | 42.4 | 8.0  | 598  | 2.39  | 24.4 | 2.8  | 115.8 | 6.7  | 68.7 | 2.39  | 5.43  | 6.59  | 40   | 0.75   | 0.084  |
| STD DS9             | Standard | 13.64 | 109.7 | 123.8 | 308.4 | 1847 | 39.8 | 8.0  | 584  | 2.31  | 23.7 | 2.8  | 118.3 | 6.9  | 68.3 | 2.11  | 5.19  | 6.18  | 40   | 0.74   | 0.080  |
| STD DS9             | Standard | 13.50 | 109.4 | 130.5 | 305.5 | 1856 | 42.8 | 7.9  | 590  | 2.33  | 24.1 | 2.7  | 118.4 | 6.7  | 70.7 | 2.26  | 5.22  | 6.46  | 39   | 0.74   | 0.084  |
| STD DS9             | Standard | 13.89 | 109.8 | 122.3 | 300.4 | 1842 | 43.1 | 8.0  | 596  | 2.36  | 23.2 | 2.7  | 112.3 | 6.4  | 68.5 | 2.11  | 5.09  | 6.13  | 41   | 0.75   | 0.080  |
| STD DS9             | Standard | 13.55 | 116.1 | 127.5 | 308.3 | 1836 | 42.1 | 8.1  | 574  | 2.33  | 25.8 | 3.0  | 127.9 | 7.1  | 75.2 | 2.38  | 5.94  | 6.62  | 41   | 0.74   | 0.079  |
| STD DS9             | Standard | 13.59 | 106.2 | 125.7 | 310.6 | 1918 | 41.0 | 7.5  | 586  | 2.31  | 24.2 | 2.6  | 119.1 | 6.4  | 73.1 | 2.20  | 5.42  | 6.31  | 40   | 0.75   | 0.082  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | 0.04  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.3  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.12  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 5    | <0.1 | <0.1 | <1   | <0.01 | 0.1  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.1  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.12  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.06  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.01  | <0.01 | <0.1  | 2    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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 Report Date: August 10, 2012

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QUALITY CONTROL REPORT

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|                     |          | 1F15<br>La<br>ppm<br>0.5 | 1F15<br>Cr<br>ppm<br>0.5 | 1F15<br>Mg<br>%<br>0.01 | 1F15<br>Ba<br>ppm<br>0.5 | 1F15<br>Ti<br>%<br>0.001 | 1F15<br>B<br>ppm<br>1 | 1F15<br>Al<br>%<br>0.01 | 1F15<br>Na<br>%<br>0.001 | 1F15<br>K<br>%<br>0.01 | 1F15<br>W<br>ppm<br>0.1 | 1F15<br>Sc<br>ppm<br>0.1 | 1F15<br>Ti<br>ppm<br>0.02 | 1F15<br>S<br>%<br>0.02 | 1F15<br>Hg<br>ppb<br>5 | 1F15<br>Se<br>ppm<br>0.1 | 1F15<br>Te<br>ppm<br>0.02 | 1F15<br>Ga<br>ppm<br>0.1 |
|---------------------|----------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|------------------------|------------------------|--------------------------|---------------------------|--------------------------|
| 1301361             | Soil     | 1.9                      | 49.0                     | 0.94                    | 315.0                    | 0.002                    | 3                     | 2.75                    | <0.001                   | 0.12                   | <0.1                    | 5.0                      | 0.50                      | <0.02                  | 65                     | 0.5                      | 0.11                      | 8.1                      |
| REP 1301361         | QC       | 1.8                      | 47.9                     | 0.92                    | 326.5                    | 0.002                    | 2                     | 2.69                    | <0.001                   | 0.12                   | <0.1                    | 4.9                      | 0.49                      | <0.02                  | 54                     | 0.4                      | 0.08                      | 7.9                      |
| 1302452             | Soil     | 7.9                      | 30.0                     | 0.48                    | 375.7                    | 0.010                    | 3                     | 1.60                    | 0.005                    | 0.08                   | <0.1                    | 3.3                      | 0.17                      | <0.02                  | 40                     | 0.4                      | 0.03                      | 5.2                      |
| REP 1302452         | QC       | 8.1                      | 31.1                     | 0.49                    | 396.3                    | 0.010                    | 3                     | 1.63                    | 0.005                    | 0.08                   | <0.1                    | 3.3                      | 0.20                      | <0.02                  | 40                     | 0.3                      | 0.06                      | 5.2                      |
| 1302838             | Soil     | 10.9                     | 25.6                     | 0.41                    | 763.2                    | 0.014                    | 2                     | 1.28                    | 0.014                    | 0.08                   | 0.1                     | 4.0                      | 0.22                      | 0.03                   | 59                     | 1.1                      | 0.03                      | 3.7                      |
| REP 1302838         | QC       | 11.4                     | 27.1                     | 0.41                    | 774.1                    | 0.015                    | 2                     | 1.30                    | 0.015                    | 0.08                   | 0.1                     | 4.0                      | 0.22                      | 0.03                   | 57                     | 1.1                      | 0.04                      | 3.9                      |
| 1302848             | Soil     | 6.8                      | 21.4                     | 0.19                    | 748.6                    | 0.010                    | 1                     | 0.91                    | 0.009                    | 0.09                   | <0.1                    | 3.1                      | 0.64                      | 0.06                   | 71                     | 1.4                      | 0.07                      | 3.0                      |
| REP 1302848         | QC       | 7.2                      | 21.6                     | 0.20                    | 773.2                    | 0.011                    | 1                     | 0.93                    | 0.009                    | 0.09                   | <0.1                    | 3.3                      | 0.68                      | 0.06                   | 84                     | 1.2                      | 0.04                      | 3.0                      |
| Reference Materials |          |                          |                          |                         |                          |                          |                       |                         |                          |                        |                         |                          |                           |                        |                        |                          |                           |                          |
| STD DS9             | Standard | 13.6                     | 111.4                    | 0.60                    | 287.7                    | 0.110                    | 2                     | 0.96                    | 0.094                    | 0.39                   | 2.7                     | 2.3                      | 5.32                      | 0.16                   | 212                    | 5.0                      | 4.80                      | 4.7                      |
| STD DS9             | Standard | 14.1                     | 118.0                    | 0.63                    | 301.7                    | 0.113                    | 3                     | 1.04                    | 0.097                    | 0.42                   | 3.0                     | 2.7                      | 5.51                      | 0.16                   | 198                    | 5.5                      | 5.16                      | 4.7                      |
| STD DS9             | Standard | 14.6                     | 118.2                    | 0.61                    | 316.0                    | 0.116                    | 3                     | 1.06                    | 0.088                    | 0.43                   | 3.0                     | 2.8                      | 5.66                      | 0.15                   | 222                    | 5.8                      | 5.14                      | 4.5                      |
| STD DS9             | Standard | 11.6                     | 118.9                    | 0.61                    | 299.4                    | 0.103                    | 3                     | 0.93                    | 0.094                    | 0.39                   | 3.0                     | 2.6                      | 5.73                      | 0.16                   | 215                    | 5.6                      | 5.12                      | 4.7                      |
| STD DS9             | Standard | 14.4                     | 121.0                    | 0.63                    | 297.4                    | 0.119                    | 2                     | 1.00                    | 0.092                    | 0.41                   | 3.1                     | 2.7                      | 5.57                      | 0.16                   | 205                    | 5.6                      | 4.96                      | 4.9                      |
| STD DS9             | Standard | 14.1                     | 114.2                    | 0.62                    | 277.1                    | 0.112                    | 2                     | 1.00                    | 0.097                    | 0.41                   | 2.9                     | 2.5                      | 5.42                      | 0.16                   | 189                    | 5.3                      | 4.94                      | 4.6                      |
| STD DS9             | Standard | 13.6                     | 121.1                    | 0.62                    | 282.3                    | 0.112                    | 3                     | 0.98                    | 0.089                    | 0.40                   | 3.0                     | 2.5                      | 5.71                      | 0.16                   | 226                    | 5.4                      | 5.23                      | 5.0                      |
| STD DS9             | Standard | 13.8                     | 122.5                    | 0.62                    | 278.6                    | 0.122                    | 3                     | 1.00                    | 0.094                    | 0.41                   | 3.0                     | 2.5                      | 5.40                      | 0.17                   | 221                    | 5.1                      | 5.01                      | 4.8                      |
| STD DS9             | Standard | 14.7                     | 113.3                    | 0.63                    | 312.4                    | 0.122                    | 3                     | 0.95                    | 0.082                    | 0.40                   | 3.1                     | 2.3                      | 5.55                      | 0.17                   | 202                    | 5.0                      | 5.20                      | 4.8                      |
| STD DS9             | Standard | 13.7                     | 119.4                    | 0.62                    | 301.2                    | 0.117                    | 2                     | 1.00                    | 0.097                    | 0.41                   | 3.0                     | 2.6                      | 5.53                      | 0.16                   | 212                    | 5.4                      | 5.29                      | 4.8                      |
| STD DS9 Expected    |          | 13.3                     | 121                      | 0.6165                  | 295                      | 0.1108                   |                       | 0.9577                  | 0.0853                   | 0.395                  | 2.89                    | 2.5                      | 5.3                       | 0.1615                 | 200                    | 5.2                      | 5.02                      | 4.59                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | 0.1                      | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | 0.1                      | <0.02                     | <0.1                     |

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:** FACE  
**Report Date:** August 10, 2012

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## QUALITY CONTROL REPORT

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|     | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  |        |
|-----|-------|-------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|-------|-------|-------|------|-------|--------|
|     | Mo    | Cu    | Pb   | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th   | Sr   | Cd   | Sb    | Bi    | V     | Ca   | P     |        |
|     | ppm   | ppm   | ppm  | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm  | ppm  | ppm  | ppm   | ppm   | ppm   | %    | %     |        |
| BLK | Blank | <0.01 | 0.03 | <0.01 | <0.1 | 5    | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01 | <0.001 |



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DAW12000133.1

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



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**Client:** Rackla Metals Inc.  
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Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 13, 2012  
Report Date: August 10, 2012  
Page: 1 of 5

## CERTIFICATE OF ANALYSIS

DAW12000134.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-6  
P.O. Number  
Number of Samples:

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 97                | Dry at 60C  |              |               | DAW |
| SS80        | 97                | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 97                | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 97                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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**Project:** FACE  
**Report Date:** August 10, 2012

**Page:** 2 of 5

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

# DAW12000134.1

|         | Method<br>Analyte<br>Unit<br>MDL | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|----------------------------------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|-------|
|         |                                  | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd   | Sb   | Bi   | V    | Ca    | P     |
|         |                                  | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm   | ppm  | ppm  | ppm  | ppm  | %     | %     |
|         |                                  | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5   | 0.01 | 0.02 | 0.02 | 2    | 0.01  | 0.001 |
| 1302865 | Soil                             | 8.35  | 20.61 | 15.46 | 58.8  | 1234 | 18.1  | 3.6  | 83   | 2.69 | 12.6 | 2.7  | 4.1  | 0.6  | 45.4  | 0.26 | 2.65 | 0.30 | 159  | 0.14  | 0.520 |
| 1302866 | Soil                             | 3.84  | 23.84 | 12.82 | 85.9  | 478  | 28.9  | 11.5 | 309  | 2.98 | 11.2 | 0.8  | 4.2  | 4.8  | 12.8  | 0.28 | 1.12 | 0.22 | 70   | 0.10  | 0.030 |
| 1302867 | Soil                             | 6.45  | 178.4 | 14.62 | 82.0  | 843  | 21.3  | 5.7  | 175  | 8.29 | 22.5 | 0.6  | 73.3 | 1.0  | 19.8  | 0.18 | 2.72 | 0.34 | 175  | 0.02  | 0.066 |
| 1302868 | Soil                             | 25.82 | 61.89 | 10.54 | 16.0  | 737  | 10.6  | 0.5  | 8    | 2.37 | 25.5 | 4.2  | 3.0  | 0.8  | 90.9  | 0.54 | 3.20 | 0.18 | 89   | 0.13  | 0.031 |
| 1302869 | Soil                             | 17.25 | 20.69 | 9.66  | 5.7   | 217  | 3.8   | 0.4  | 10   | 2.49 | 37.5 | 1.0  | 6.0  | 0.9  | 12.7  | 0.03 | 2.42 | 0.20 | 38   | <0.01 | 0.012 |
| 1302870 | Soil                             | 23.27 | 28.13 | 8.92  | 50.4  | 167  | 28.7  | 1.9  | 127  | 1.83 | 38.0 | 5.3  | 3.4  | 0.7  | 52.7  | 0.28 | 1.37 | 0.17 | 92   | 0.02  | 0.024 |
| 1302871 | Soil                             | 39.57 | 35.06 | 14.79 | 28.2  | 2280 | 9.0   | 0.5  | 12   | 1.20 | 6.1  | 4.4  | 4.4  | 1.0  | 112.3 | 0.52 | 3.38 | 0.24 | 99   | 0.13  | 0.255 |
| 1302872 | Soil                             | 28.23 | 92.71 | 29.12 | 305.9 | 8610 | 60.0  | 3.5  | 23   | 3.13 | 14.1 | 11.3 | 3.5  | 2.2  | 230.7 | 0.74 | 5.62 | 0.41 | 175  | 0.47  | 0.644 |
| 1302873 | Soil                             | 4.54  | 10.03 | 10.12 | 5.2   | 772  | 2.0   | 0.3  | 12   | 1.39 | 5.9  | 0.8  | 2.7  | 0.5  | 8.3   | 0.02 | 0.34 | 0.21 | 69   | <0.01 | 0.012 |
| 1302874 | Soil                             | 3.03  | 32.70 | 13.00 | 96.5  | 53   | 47.2  | 10.8 | 153  | 2.69 | 9.1  | 0.8  | 1.3  | 3.0  | 8.2   | 0.31 | 1.00 | 0.13 | 45   | 0.05  | 0.024 |
| 1302875 | Soil                             | 2.62  | 23.32 | 11.25 | 93.9  | 137  | 35.1  | 9.9  | 199  | 2.40 | 7.2  | 0.7  | 1.7  | 2.8  | 12.0  | 0.45 | 0.85 | 0.14 | 46   | 0.11  | 0.037 |
| 1302876 | Soil                             | 2.30  | 29.90 | 11.67 | 89.2  | 120  | 38.5  | 11.4 | 265  | 2.45 | 7.6  | 1.1  | 1.6  | 3.4  | 12.3  | 0.27 | 0.91 | 0.14 | 48   | 0.12  | 0.034 |
| 1302877 | Soil                             | 2.61  | 23.18 | 13.74 | 120.6 | 130  | 46.8  | 12.7 | 238  | 2.60 | 7.6  | 0.6  | 2.4  | 2.4  | 14.5  | 0.33 | 0.78 | 0.15 | 50   | 0.14  | 0.046 |
| 1302878 | Soil                             | 2.92  | 27.59 | 10.58 | 123.2 | 249  | 47.1  | 13.0 | 322  | 2.49 | 8.5  | 0.7  | 2.1  | 2.7  | 16.3  | 0.64 | 0.99 | 0.15 | 49   | 0.13  | 0.048 |
| 1302879 | Soil                             | 2.40  | 33.38 | 13.56 | 115.6 | 211  | 46.1  | 10.9 | 212  | 2.64 | 8.4  | 0.7  | 3.7  | 2.2  | 12.8  | 0.51 | 0.96 | 0.16 | 48   | 0.12  | 0.056 |
| 1302880 | Soil                             | 2.23  | 30.39 | 11.44 | 91.7  | 194  | 37.3  | 8.3  | 189  | 2.29 | 7.2  | 0.7  | 2.4  | 2.9  | 15.4  | 0.39 | 0.99 | 0.14 | 45   | 0.15  | 0.044 |
| 1302881 | Soil                             | 2.14  | 28.70 | 12.46 | 77.1  | 107  | 30.5  | 7.9  | 163  | 2.61 | 7.8  | 0.5  | 2.7  | 2.6  | 10.3  | 0.23 | 0.73 | 0.17 | 48   | 0.09  | 0.037 |
| 1302882 | Soil                             | 2.17  | 29.87 | 13.58 | 84.9  | 90   | 33.8  | 9.0  | 178  | 2.86 | 7.9  | 0.4  | 3.1  | 2.1  | 10.2  | 0.31 | 0.81 | 0.19 | 47   | 0.09  | 0.043 |
| 1302883 | Soil                             | 2.41  | 23.20 | 11.90 | 64.1  | 206  | 25.4  | 6.3  | 127  | 2.43 | 8.6  | 0.4  | 1.8  | 2.2  | 10.2  | 0.24 | 0.91 | 0.16 | 52   | 0.07  | 0.029 |
| 1302884 | Soil                             | 3.63  | 35.82 | 15.16 | 95.9  | 373  | 37.5  | 6.9  | 144  | 2.65 | 11.0 | 0.4  | 0.9  | 1.9  | 14.9  | 0.38 | 1.49 | 0.19 | 50   | 0.05  | 0.040 |
| 1302885 | Soil                             | 4.80  | 71.67 | 19.07 | 995.6 | 2096 | 169.4 | 15.4 | 653  | 5.17 | 23.1 | 0.8  | 1.7  | 2.6  | 29.9  | 5.51 | 5.89 | 0.20 | 86   | 0.18  | 0.064 |
| 1302886 | Soil                             | 2.29  | 35.73 | 15.90 | 109.2 | 204  | 39.5  | 10.4 | 209  | 3.46 | 10.3 | 0.4  | 0.6  | 1.7  | 9.0   | 0.35 | 0.93 | 0.22 | 53   | 0.06  | 0.048 |
| 1302887 | Soil                             | 1.47  | 33.86 | 17.72 | 155.5 | 79   | 41.8  | 17.1 | 551  | 3.39 | 7.1  | 0.4  | 0.3  | 2.0  | 11.5  | 0.41 | 0.67 | 0.23 | 54   | 0.15  | 0.069 |
| 1302888 | Soil                             | 1.79  | 20.40 | 12.10 | 63.1  | 107  | 24.3  | 7.6  | 165  | 2.52 | 6.5  | 0.3  | 1.1  | 2.0  | 11.2  | 0.27 | 0.65 | 0.21 | 61   | 0.15  | 0.022 |
| 1302889 | Soil                             | 2.08  | 23.05 | 17.59 | 59.1  | 97   | 25.4  | 9.7  | 210  | 2.85 | 9.8  | 0.5  | 2.0  | 2.9  | 12.5  | 0.26 | 0.97 | 0.18 | 59   | 0.12  | 0.027 |
| 1302890 | Soil                             | 2.78  | 22.96 | 16.79 | 62.9  | 98   | 24.7  | 8.7  | 213  | 3.54 | 9.9  | 0.4  | 1.6  | 2.2  | 8.5   | 0.19 | 0.92 | 0.23 | 71   | 0.11  | 0.039 |
| 1302891 | Soil                             | 2.28  | 23.15 | 18.76 | 64.4  | 126  | 30.9  | 10.5 | 186  | 3.19 | 10.5 | 0.5  | 2.4  | 2.9  | 13.0  | 0.25 | 0.86 | 0.21 | 68   | 0.15  | 0.035 |
| 1302892 | Soil                             | 2.06  | 26.18 | 16.22 | 77.9  | 77   | 30.6  | 10.1 | 194  | 3.16 | 10.7 | 0.4  | 1.0  | 2.3  | 9.5   | 0.23 | 1.09 | 0.19 | 66   | 0.10  | 0.023 |
| 1302893 | Soil                             | 1.73  | 34.60 | 22.79 | 132.2 | 122  | 37.1  | 12.7 | 421  | 3.41 | 8.6  | 0.4  | 1.0  | 2.1  | 9.6   | 0.36 | 0.71 | 0.21 | 66   | 0.09  | 0.040 |
| 1302894 | Soil                             | 2.18  | 46.12 | 23.51 | 99.6  | 98   | 43.0  | 14.3 | 313  | 4.03 | 10.1 | 0.4  | 1.8  | 2.2  | 10.7  | 0.25 | 0.87 | 0.28 | 69   | 0.11  | 0.049 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302865 | Soil    | 7.9  | 30.0 | 0.17 | 1539  | 0.018  | 2    | 1.50 | 0.002  | 0.07 | 0.2  | 1.9  | 0.34 | 0.09  | 62   | 3.8  | 0.11  | 7.2 |
| 1302866 | Soil    | 9.5  | 38.4 | 0.40 | 495.5 | 0.031  | 2    | 2.95 | 0.004  | 0.06 | 0.2  | 3.7  | 0.24 | 0.03  | 78   | 1.1  | 0.06  | 5.5 |
| 1302867 | Soil    | 2.1  | 31.1 | 0.11 | 81.4  | 0.007  | 3    | 0.90 | 0.007  | 0.27 | <0.1 | 12.2 | 0.18 | 0.78  | 114  | 13.4 | 2.16  | 4.5 |
| 1302868 | Soil    | 1.2  | 12.2 | 0.04 | 154.5 | <0.001 | 3    | 0.15 | 0.080  | 0.12 | <0.1 | 2.3  | 4.34 | 0.79  | 64   | 5.4  | 0.11  | 1.3 |
| 1302869 | Soil    | 1.2  | 9.5  | 0.01 | 115.0 | 0.001  | 5    | 0.16 | 0.038  | 0.27 | <0.1 | 0.8  | 3.72 | 0.71  | 159  | 2.3  | 0.12  | 2.1 |
| 1302870 | Soil    | 0.7  | 7.6  | 0.01 | 219.4 | <0.001 | 4    | 0.23 | 0.018  | 0.14 | <0.1 | 2.7  | 4.54 | 0.54  | 318  | 2.1  | 0.09  | 1.4 |
| 1302871 | Soil    | 4.0  | 16.3 | 0.02 | 844.3 | 0.002  | 4    | 0.62 | 0.002  | 0.14 | 0.3  | 1.6  | 1.49 | 0.28  | 151  | 8.0  | 0.21  | 1.5 |
| 1302872 | Soil    | 8.4  | 47.5 | 0.04 | 956.1 | 0.002  | 3    | 1.10 | 0.004  | 0.12 | 0.3  | 2.7  | 0.72 | 0.36  | 115  | 26.5 | 0.46  | 2.5 |
| 1302873 | Soil    | 1.2  | 16.5 | 0.02 | 268.8 | 0.001  | 4    | 0.44 | 0.002  | 0.11 | <0.1 | 1.0  | 0.13 | 0.22  | 55   | 9.8  | 0.09  | 1.8 |
| 1302874 | Soil    | 6.8  | 31.0 | 0.41 | 313.2 | 0.006  | 1    | 1.32 | 0.003  | 0.06 | <0.1 | 3.2  | 0.14 | <0.02 | 14   | 0.5  | 0.03  | 3.7 |
| 1302875 | Soil    | 8.3  | 28.3 | 0.43 | 294.8 | 0.011  | 2    | 1.30 | 0.003  | 0.06 | <0.1 | 2.7  | 0.15 | <0.02 | 39   | 0.8  | 0.04  | 3.9 |
| 1302876 | Soil    | 10.6 | 31.2 | 0.46 | 329.8 | 0.015  | 2    | 1.31 | 0.004  | 0.05 | <0.1 | 3.6  | 0.14 | <0.02 | 23   | 0.6  | 0.04  | 4.0 |
| 1302877 | Soil    | 7.4  | 32.0 | 0.44 | 373.7 | 0.007  | 1    | 1.46 | 0.004  | 0.07 | <0.1 | 3.0  | 0.20 | <0.02 | 40   | 1.2  | 0.08  | 4.5 |
| 1302878 | Soil    | 8.4  | 29.1 | 0.41 | 581.5 | 0.008  | 2    | 1.35 | 0.004  | 0.07 | 0.1  | 3.3  | 0.19 | <0.02 | 44   | 0.9  | 0.03  | 4.0 |
| 1302879 | Soil    | 7.4  | 33.2 | 0.47 | 357.7 | 0.008  | 2    | 1.48 | 0.003  | 0.08 | <0.1 | 3.3  | 0.21 | <0.02 | 45   | 0.9  | 0.08  | 4.5 |
| 1302880 | Soil    | 9.1  | 30.9 | 0.45 | 473.4 | 0.014  | 2    | 1.29 | 0.004  | 0.08 | 0.1  | 3.4  | 0.20 | <0.02 | 43   | 0.9  | 0.05  | 4.2 |
| 1302881 | Soil    | 6.0  | 30.2 | 0.42 | 253.3 | 0.006  | 3    | 1.60 | 0.003  | 0.08 | <0.1 | 2.8  | 0.24 | <0.02 | 23   | 0.7  | 0.04  | 4.8 |
| 1302882 | Soil    | 5.9  | 30.9 | 0.49 | 360.5 | 0.004  | 2    | 1.66 | 0.003  | 0.09 | <0.1 | 3.2  | 0.24 | <0.02 | 30   | 0.7  | 0.06  | 5.2 |
| 1302883 | Soil    | 7.1  | 27.5 | 0.36 | 295.9 | 0.007  | 2    | 1.45 | 0.003  | 0.07 | <0.1 | 2.6  | 0.22 | 0.02  | 33   | 0.5  | 0.04  | 4.5 |
| 1302884 | Soil    | 4.6  | 29.7 | 0.29 | 383.5 | 0.003  | 2    | 1.50 | 0.007  | 0.11 | <0.1 | 2.6  | 0.41 | 0.07  | 35   | 1.4  | 0.08  | 4.3 |
| 1302885 | Soil    | 6.0  | 39.7 | 0.27 | 1348  | 0.001  | 2    | 1.68 | 0.010  | 0.11 | <0.1 | 6.0  | 0.54 | 0.10  | 71   | 6.1  | 0.09  | 4.5 |
| 1302886 | Soil    | 4.5  | 33.4 | 0.49 | 354.1 | 0.003  | 3    | 1.73 | 0.004  | 0.13 | <0.1 | 3.2  | 0.25 | 0.04  | 39   | 0.4  | 0.10  | 5.6 |
| 1302887 | Soil    | 4.3  | 35.2 | 0.55 | 881.2 | 0.003  | 2    | 1.95 | 0.002  | 0.19 | <0.1 | 4.0  | 0.18 | <0.02 | 24   | 0.3  | 0.06  | 6.1 |
| 1302888 | Soil    | 7.3  | 26.2 | 0.39 | 486.1 | 0.010  | 1    | 1.43 | 0.003  | 0.06 | <0.1 | 2.5  | 0.19 | <0.02 | 17   | 0.2  | 0.07  | 5.9 |
| 1302889 | Soil    | 9.4  | 29.2 | 0.32 | 191.8 | 0.017  | 1    | 1.72 | 0.003  | 0.05 | 0.1  | 2.6  | 0.20 | <0.02 | 33   | 0.4  | <0.02 | 5.1 |
| 1302890 | Soil    | 7.2  | 31.0 | 0.34 | 146.6 | 0.011  | 1    | 1.79 | 0.002  | 0.07 | 0.1  | 2.6  | 0.24 | <0.02 | 42   | 0.4  | 0.04  | 6.3 |
| 1302891 | Soil    | 8.6  | 34.6 | 0.40 | 234.4 | 0.014  | 2    | 2.05 | 0.003  | 0.07 | 0.1  | 3.1  | 0.23 | 0.02  | 54   | 0.5  | 0.04  | 6.0 |
| 1302892 | Soil    | 7.8  | 32.2 | 0.45 | 219.2 | 0.012  | 2    | 1.97 | 0.002  | 0.06 | <0.1 | 2.9  | 0.25 | <0.02 | 22   | 0.4  | 0.07  | 5.8 |
| 1302893 | Soil    | 5.4  | 38.4 | 0.53 | 533.9 | 0.005  | 2    | 2.21 | 0.003  | 0.08 | <0.1 | 3.6  | 0.27 | <0.02 | 31   | 0.4  | 0.04  | 6.8 |
| 1302894 | Soil    | 4.4  | 42.8 | 0.56 | 547.3 | 0.003  | 2    | 2.48 | <0.001 | 0.09 | <0.1 | 4.0  | 0.39 | 0.02  | 38   | 0.5  | 0.08  | 7.5 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

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DAW12000134.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |       |       |
|---------|---------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %    |       |       |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01  | 0.001 |
| 1302895 | Soil    | 1.42  | 39.83 | 13.57 | 97.8  | 94   | 42.4 | 12.3 | 261  | 2.90 | 5.6  | 0.4  | 0.7  | 2.1  | 5.1  | 0.20 | 0.70 | 0.18 | 52   | 0.06 | 0.024 |       |
| 1302896 | Soil    | 4.11  | 20.09 | 17.28 | 63.1  | 69   | 19.7 | 4.8  | 125  | 2.89 | 12.5 | 0.4  | 2.0  | 1.8  | 13.6 | 0.26 | 1.15 | 0.23 | 69   | 0.11 | 0.032 |       |
| 1302897 | Soil    | 3.71  | 16.41 | 14.92 | 64.0  | 145  | 23.8 | 6.5  | 157  | 2.50 | 10.4 | 0.5  | 2.2  | 2.8  | 11.8 | 0.28 | 0.84 | 0.21 | 65   | 0.11 | 0.025 |       |
| 1302898 | Soil    | 4.17  | 30.19 | 15.14 | 70.6  | 58   | 26.5 | 7.0  | 161  | 3.13 | 12.4 | 0.5  | 1.7  | 3.0  | 11.3 | 0.14 | 0.96 | 0.20 | 56   | 0.07 | 0.028 |       |
| 1302899 | Soil    | 7.92  | 41.91 | 37.89 | 74.3  | 158  | 21.1 | 4.2  | 84   | 3.03 | 19.3 | 0.5  | 1.7  | 2.2  | 27.8 | 0.16 | 1.28 | 0.21 | 22   | 0.05 | 0.044 |       |
| 1302900 | Soil    | 8.65  | 42.46 | 84.33 | 64.4  | 345  | 12.1 | 2.3  | 17   | 2.46 | 25.5 | 0.5  | 2.9  | 2.2  | 17.6 | 0.07 | 1.85 | 0.26 | 25   | 0.02 | 0.038 |       |
| 1302923 | Soil    | 2.02  | 37.79 | 9.27  | 84.9  | 55   | 32.2 | 7.8  | 127  | 2.65 | 6.7  | 0.3  | 2.5  | 1.5  | 8.0  | 0.10 | 0.54 | 0.26 | 45   | 0.03 | 0.030 |       |
| 1302924 | Soil    | 2.37  | 26.20 | 12.76 | 63.3  | 106  | 21.7 | 5.4  | 79   | 2.21 | 7.6  | 0.3  | 5.6  | 1.9  | 10.7 | 0.19 | 0.69 | 0.23 | 44   | 0.04 | 0.019 |       |
| 1302925 | Soil    | 2.51  | 21.40 | 10.48 | 40.8  | 65   | 13.0 | 4.2  | 79   | 2.11 | 7.1  | 0.3  | 2.6  | 2.0  | 9.2  | 0.08 | 0.71 | 0.19 | 44   | 0.04 | 0.013 |       |
| 1302926 | Soil    | 7.73  | 15.20 | 11.43 | 48.7  | 172  | 12.1 | 3.7  | 93   | 2.09 | 19.4 | 0.3  | 3.4  | 0.7  | 16.5 | 0.17 | 1.35 | 0.21 | 78   | 0.09 | 0.050 |       |
| 1302927 | Soil    | 1.48  | 25.02 | 7.40  | 41.9  | 82   | 15.3 | 4.1  | 96   | 1.67 | 6.4  | 0.6  | 3.1  | 0.6  | 15.1 | 0.21 | 0.73 | 0.14 | 36   | 0.16 | 0.060 |       |
| 1302928 | Soil    | 7.27  | 27.03 | 16.06 | 89.0  | 382  | 10.9 | 2.3  | 35   | 2.23 | 10.0 | 0.3  | 3.4  | 2.7  | 22.3 | 0.12 | 2.80 | 0.26 | 51   | 0.03 | 0.037 |       |
| 1302929 | Soil    | 5.41  | 24.41 | 11.84 | 60.9  | 201  | 8.4  | 1.4  | 14   | 1.66 | 8.2  | 0.3  | 2.2  | 1.9  | 24.3 | 0.10 | 1.55 | 0.21 | 46   | 0.03 | 0.029 |       |
| 1302930 | Soil    | 7.05  | 39.63 | 15.42 | 38.3  | 348  | 10.1 | 2.5  | 46   | 2.43 | 13.1 | 0.6  | 2.4  | 3.0  | 55.0 | 0.10 | 1.79 | 0.21 | 51   | 0.05 | 0.037 |       |
| 1302931 | Soil    | 2.63  | 30.59 | 8.47  | 62.5  | 124  | 22.3 | 6.1  | 153  | 2.04 | 7.7  | 0.8  | 2.0  | 3.4  | 23.2 | 0.15 | 1.02 | 0.15 | 52   | 0.20 | 0.038 |       |
| 1302932 | Soil    | 4.61  | 22.75 | 13.15 | 81.4  | 353  | 12.5 | 3.8  | 99   | 2.30 | 9.0  | 0.3  | 1.7  | 2.2  | 19.3 | 0.14 | 1.59 | 0.20 | 57   | 0.08 | 0.034 |       |
| 1302933 | Soil    | 2.87  | 21.09 | 9.14  | 51.3  | 116  | 15.1 | 5.0  | 117  | 2.07 | 8.0  | 0.4  | 3.7  | 2.3  | 13.7 | 0.09 | 0.88 | 0.14 | 54   | 0.07 | 0.016 |       |
| 1302934 | Soil    | 3.54  | 25.50 | 11.69 | 60.1  | 145  | 17.3 | 3.7  | 68   | 2.34 | 8.9  | 0.4  | 2.0  | 2.0  | 22.4 | 0.10 | 1.11 | 0.18 | 69   | 0.05 | 0.027 |       |
| 1302935 | Soil    | 6.01  | 49.65 | 14.77 | 105.5 | 630  | 32.8 | 5.4  | 82   | 2.36 | 9.2  | 0.9  | 6.1  | 1.7  | 48.5 | 0.52 | 1.36 | 0.22 | 47   | 0.15 | 0.063 |       |
| 1302936 | Soil    | 3.14  | 38.63 | 11.50 | 85.7  | 247  | 39.6 | 10.3 | 338  | 2.55 | 13.0 | 0.8  | 4.1  | 4.2  | 32.5 | 0.26 | 1.59 | 0.16 | 84   | 0.39 | 0.043 |       |
| 1302937 | Soil    | 3.91  | 35.83 | 11.90 | 174.1 | 383  | 60.4 | 12.9 | 309  | 2.77 | 13.3 | 0.8  | 4.0  | 2.9  | 38.2 | 1.63 | 1.61 | 0.18 | 75   | 0.42 | 0.042 |       |
| 1302938 | Soil    | 3.27  | 25.57 | 8.00  | 61.5  | 115  | 22.4 | 6.3  | 126  | 2.05 | 10.1 | 0.5  | 5.8  | 3.0  | 26.2 | 0.20 | 1.28 | 0.12 | 50   | 0.18 | 0.040 |       |
| 1302939 | Soil    | 5.74  | 28.47 | 11.11 | 71.6  | 234  | 14.0 | 3.1  | 65   | 2.74 | 11.2 | 0.4  | 2.5  | 2.0  | 40.9 | 0.19 | 2.16 | 0.18 | 56   | 0.07 | 0.036 |       |
| 1302940 | Soil    | 10.48 | 34.59 | 18.62 | 106.8 | 289  | 15.7 | 5.3  | 65   | 2.64 | 15.1 | 0.4  | 1.8  | 2.0  | 34.0 | 0.07 | 1.77 | 0.23 | 42   | 0.05 | 0.060 |       |
| 1302941 | Soil    | 4.43  | 29.12 | 12.30 | 63.0  | 233  | 13.8 | 3.8  | 73   | 2.12 | 8.9  | 0.5  | 2.1  | 2.4  | 19.9 | 0.14 | 1.21 | 0.18 | 46   | 0.05 | 0.025 |       |
| 1302942 | Soil    | 3.03  | 26.92 | 8.50  | 36.7  | 170  | 10.7 | 2.3  | 60   | 1.66 | 6.7  | 0.2  | 1.2  | 1.9  | 17.0 | 0.29 | 0.83 | 0.14 | 47   | 0.03 | 0.018 |       |
| 1302943 | Soil    | 1.96  | 29.98 | 11.45 | 70.3  | 63   | 31.0 | 9.1  | 158  | 2.69 | 8.9  | 0.5  | 1.9  | 2.3  | 17.2 | 0.22 | 0.97 | 0.16 | 55   | 0.07 | 0.023 |       |
| 1302944 | Soil    | 1.23  | 46.03 | 10.64 | 78.8  | 134  | 38.6 | 10.1 | 109  | 2.53 | 5.7  | 0.3  | 0.6  | 0.9  | 8.1  | 0.16 | 0.65 | 0.22 | 46   | 0.04 | 0.034 |       |
| 1302945 | Soil    | 2.22  | 26.46 | 12.84 | 98.5  | 239  | 22.2 | 7.4  | 162  | 2.81 | 8.2  | 0.3  | 1.4  | 1.9  | 17.0 | 0.31 | 0.71 | 0.19 | 65   | 0.05 | 0.030 |       |
| 1302946 | Soil    | 2.31  | 33.67 | 16.90 | 107.2 | 153  | 39.4 | 11.7 | 285  | 2.90 | 8.1  | 0.3  | 0.7  | 1.4  | 27.5 | 0.49 | 0.92 | 0.19 | 55   | 0.26 | 0.062 |       |



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 Report Date: August 10, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.01 | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1302895 | Soil    | 4.6  | 36.2 | 0.57 | 377.6 | 0.002  | 2    | 2.01 | <0.001 | 0.09 | <0.1 | 3.7  | 0.20 | <0.02 | 19   | 0.3  | 0.05 | 6.0 |
| 1302896 | Soil    | 6.3  | 22.4 | 0.18 | 305.0 | 0.009  | 2    | 1.02 | 0.003  | 0.07 | <0.1 | 2.0  | 0.29 | 0.03  | 25   | 0.6  | 0.07 | 5.5 |
| 1302897 | Soil    | 8.5  | 24.4 | 0.20 | 325.0 | 0.009  | 1    | 1.45 | 0.003  | 0.06 | 0.1  | 2.1  | 0.27 | 0.02  | 42   | 0.7  | 0.07 | 5.3 |
| 1302898 | Soil    | 6.1  | 32.9 | 0.32 | 235.8 | 0.006  | 2    | 1.89 | 0.003  | 0.07 | <0.1 | 2.9  | 0.50 | 0.03  | 38   | 0.8  | 0.04 | 5.0 |
| 1302899 | Soil    | 2.0  | 18.3 | 0.09 | 489.8 | 0.001  | 1    | 0.53 | 0.019  | 0.11 | <0.1 | 2.5  | 0.86 | 0.20  | 108  | 1.7  | 0.08 | 2.4 |
| 1302900 | Soil    | 2.1  | 17.1 | 0.07 | 386.4 | <0.001 | 2    | 0.68 | 0.010  | 0.11 | <0.1 | 2.8  | 0.79 | 0.11  | 152  | 1.7  | 0.08 | 2.6 |
| 1302923 | Soil    | 2.9  | 19.5 | 0.24 | 131.1 | 0.002  | 2    | 1.24 | 0.004  | 0.07 | <0.1 | 2.5  | 0.14 | <0.02 | 28   | 0.4  | 0.07 | 5.0 |
| 1302924 | Soil    | 4.5  | 20.3 | 0.25 | 243.3 | 0.003  | 2    | 1.36 | 0.007  | 0.07 | <0.1 | 2.3  | 0.20 | 0.04  | 19   | 0.3  | 0.05 | 4.0 |
| 1302925 | Soil    | 5.9  | 18.8 | 0.24 | 249.9 | 0.006  | 1    | 1.14 | 0.006  | 0.05 | <0.1 | 2.0  | 0.19 | 0.02  | 9    | 0.4  | 0.05 | 3.6 |
| 1302926 | Soil    | 7.0  | 16.0 | 0.14 | 275.2 | 0.008  | 2    | 1.09 | 0.013  | 0.05 | 0.1  | 1.3  | 0.55 | 0.06  | 20   | 1.1  | 0.08 | 5.3 |
| 1302927 | Soil    | 10.1 | 18.8 | 0.30 | 188.0 | 0.014  | 2    | 0.96 | 0.005  | 0.05 | 0.1  | 1.8  | 0.12 | <0.02 | 37   | 0.4  | 0.04 | 2.9 |
| 1302928 | Soil    | 3.5  | 13.1 | 0.11 | 532.3 | 0.002  | 2    | 0.93 | 0.023  | 0.09 | <0.1 | 2.0  | 0.42 | 0.17  | 22   | 1.6  | 0.06 | 3.0 |
| 1302929 | Soil    | 3.0  | 10.9 | 0.07 | 459.7 | 0.003  | 2    | 0.82 | 0.014  | 0.09 | <0.1 | 1.5  | 0.41 | 0.12  | 23   | 0.8  | 0.08 | 3.0 |
| 1302930 | Soil    | 4.8  | 16.7 | 0.17 | 541.6 | 0.004  | 2    | 1.06 | 0.021  | 0.10 | <0.1 | 2.3  | 0.53 | 0.20  | 16   | 2.2  | 0.08 | 3.0 |
| 1302931 | Soil    | 12.2 | 24.5 | 0.36 | 491.0 | 0.032  | 2    | 1.01 | 0.010  | 0.06 | 0.1  | 3.8  | 0.15 | 0.04  | 22   | 0.7  | 0.06 | 3.0 |
| 1302932 | Soil    | 5.0  | 18.6 | 0.21 | 400.5 | 0.005  | 2    | 1.18 | 0.019  | 0.09 | <0.1 | 1.8  | 0.37 | 0.11  | 24   | 1.0  | 0.03 | 3.7 |
| 1302933 | Soil    | 7.8  | 22.3 | 0.30 | 308.9 | 0.018  | 2    | 1.21 | 0.007  | 0.04 | <0.1 | 2.1  | 0.17 | 0.03  | 33   | 0.7  | 0.04 | 3.7 |
| 1302934 | Soil    | 6.2  | 20.1 | 0.21 | 294.1 | 0.010  | 1    | 1.25 | 0.007  | 0.06 | <0.1 | 2.0  | 0.21 | 0.03  | 14   | 0.8  | 0.06 | 4.2 |
| 1302935 | Soil    | 4.9  | 20.3 | 0.21 | 898.8 | 0.002  | 3    | 1.10 | 0.010  | 0.12 | <0.1 | 3.6  | 0.39 | 0.09  | 165  | 1.2  | 0.06 | 3.3 |
| 1302936 | Soil    | 13.3 | 33.2 | 0.47 | 593.1 | 0.031  | 3    | 1.42 | 0.014  | 0.08 | 0.2  | 5.3  | 0.16 | <0.02 | 50   | 0.9  | 0.05 | 4.1 |
| 1302937 | Soil    | 9.3  | 29.2 | 0.41 | 982.4 | 0.013  | 3    | 1.42 | 0.012  | 0.12 | 0.1  | 4.8  | 0.20 | 0.03  | 58   | 1.0  | 0.03 | 4.1 |
| 1302938 | Soil    | 9.1  | 22.8 | 0.36 | 423.3 | 0.023  | 2    | 0.96 | 0.012  | 0.05 | 0.1  | 2.6  | 0.21 | 0.05  | 20   | 0.7  | 0.03 | 3.0 |
| 1302939 | Soil    | 4.2  | 20.0 | 0.21 | 768.1 | 0.006  | 2    | 0.99 | 0.011  | 0.10 | <0.1 | 2.0  | 0.34 | 0.11  | 13   | 2.0  | 0.07 | 3.1 |
| 1302940 | Soil    | 3.5  | 14.3 | 0.12 | 641.2 | 0.001  | 3    | 0.83 | 0.019  | 0.13 | <0.1 | 2.0  | 0.59 | 0.24  | 31   | 1.9  | 0.08 | 2.5 |
| 1302941 | Soil    | 5.5  | 16.5 | 0.20 | 417.6 | 0.008  | 2    | 0.84 | 0.015  | 0.09 | <0.1 | 2.3  | 0.30 | 0.10  | 24   | 1.2  | 0.04 | 2.8 |
| 1302942 | Soil    | 4.5  | 14.3 | 0.16 | 225.1 | 0.010  | 2    | 0.85 | 0.008  | 0.08 | <0.1 | 1.5  | 0.23 | 0.06  | 14   | 0.4  | 0.03 | 3.0 |
| 1302943 | Soil    | 7.1  | 29.8 | 0.42 | 204.9 | 0.011  | 2    | 1.55 | 0.005  | 0.06 | <0.1 | 2.7  | 0.17 | 0.03  | 17   | 0.7  | 0.05 | 4.6 |
| 1302944 | Soil    | 1.9  | 25.4 | 0.42 | 314.4 | 0.001  | 2    | 1.58 | 0.003  | 0.11 | <0.1 | 2.9  | 0.10 | <0.02 | 31   | 0.3  | 0.05 | 5.7 |
| 1302945 | Soil    | 5.6  | 26.6 | 0.28 | 316.3 | 0.003  | 1    | 1.87 | 0.004  | 0.08 | <0.1 | 2.7  | 0.21 | 0.03  | 30   | 0.3  | 0.05 | 5.9 |
| 1302946 | Soil    | 4.1  | 31.2 | 0.47 | 404.8 | 0.005  | 2    | 1.53 | 0.004  | 0.13 | <0.1 | 3.2  | 0.15 | 0.02  | 17   | 0.3  | 0.06 | 5.2 |



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Report Date: August 10, 2012

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CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1302947 | Soil    |      |     | 1.40    | 28.75   | 8.76    | 57.6    | 100     | 26.0    | 7.7     | 123     | 2.53    | 5.9     | 0.2    | 0.6     | 1.1     | 9.1     | 0.20    | 0.75    | 0.17    | 63     | 0.10    | 0.030  |
| 1302948 | Soil    |      |     | 2.17    | 13.10   | 16.74   | 69.2    | 79      | 19.8    | 5.0     | 204     | 2.52    | 8.8     | 0.3    | 0.6     | 2.0     | 8.5     | 0.14    | 0.70    | 0.20    | 82     | 0.08    | 0.030  |
| 1302949 | Soil    |      |     | 1.59    | 28.95   | 23.01   | 127.9   | 28      | 24.7    | 4.7     | 84      | 1.55    | 8.7     | 0.2    | <0.2    | 0.4     | 5.3     | 0.23    | 0.96    | 0.12    | 45     | 0.02    | 0.031  |
| 1302950 | Soil    |      |     | 2.47    | 43.26   | 16.69   | 107.2   | 91      | 53.2    | 7.4     | 97      | 3.17    | 9.3     | 0.4    | 1.8     | 2.2     | 17.7    | 0.34    | 1.03    | 0.20    | 53     | 0.07    | 0.068  |
| 1302968 | Soil    |      |     | 3.48    | 59.50   | 19.17   | 100.4   | 133     | 61.8    | 17.2    | 259     | 3.90    | 10.0    | 0.4    | 1.5     | 1.4     | 5.9     | 0.23    | 0.94    | 0.31    | 62     | 0.06    | 0.048  |
| 1302969 | Soil    |      |     | 2.90    | 54.33   | 37.70   | 110.0   | 266     | 56.9    | 15.2    | 269     | 3.94    | 15.9    | 0.5    | 2.0     | 2.4     | 13.8    | 0.30    | 1.53    | 0.25    | 62     | 0.08    | 0.074  |
| 1302970 | Soil    |      |     | 2.23    | 59.53   | 24.70   | 142.3   | 525     | 54.2    | 18.7    | 399     | 4.32    | 11.3    | 0.6    | 3.2     | 2.5     | 9.7     | 0.58    | 1.20    | 0.27    | 76     | 0.11    | 0.107  |
| 1302971 | Soil    |      |     | 3.65    | 71.21   | 29.09   | 114.2   | 383     | 53.2    | 14.1    | 271     | 4.06    | 15.4    | 1.1    | 3.6     | 3.8     | 19.4    | 0.39    | 1.34    | 0.28    | 73     | 0.05    | 0.055  |
| 1302972 | Soil    |      |     | 2.95    | 44.40   | 19.93   | 91.2    | 134     | 40.8    | 10.4    | 148     | 3.01    | 11.8    | 0.4    | 1.6     | 2.1     | 19.0    | 0.18    | 1.18    | 0.20    | 39     | 0.03    | 0.043  |
| 1302973 | Soil    |      |     | 5.81    | 56.17   | 35.12   | 167.6   | 535     | 41.3    | 7.3     | 259     | 1.95    | 16.5    | 2.8    | 15.7    | 1.5     | 86.9    | 1.00    | 1.14    | 0.14    | 109    | 5.15    | 0.227  |
| 1302974 | Soil    |      |     | 4.69    | 16.27   | 17.36   | 141.7   | 195     | 29.9    | 9.7     | 666     | 2.54    | 16.5    | 0.7    | 1.4     | 2.8     | 45.5    | 0.42    | 0.76    | 0.12    | 48     | 4.60    | 0.038  |
| 1302975 | Soil    |      |     | 8.94    | 72.08   | 22.23   | 91.2    | 547     | 34.4    | 8.9     | 323     | 2.90    | 50.6    | 3.0    | 13.5    | 3.1     | 30.0    | 0.45    | 1.08    | 0.19    | 73     | 1.52    | 0.123  |
| 1302976 | Soil    |      |     | 2.61    | 18.98   | 15.58   | 79.0    | 50      | 26.0    | 10.1    | 259     | 3.38    | 12.3    | 0.7    | 4.3     | 4.4     | 12.4    | 0.29    | 1.02    | 0.21    | 77     | 0.12    | 0.042  |
| 1302977 | Soil    |      |     | 24.20   | 109.6   | 50.48   | 476.6   | 425     | 76.7    | 15.2    | 377     | 2.69    | 37.9    | 16.7   | 30.7    | 4.5     | 44.1    | 2.59    | 2.58    | 0.21    | 155    | 2.67    | 1.129  |
| 1302978 | Soil    |      |     | 6.02    | 18.19   | 15.14   | 108.3   | 105     | 28.2    | 9.6     | 183     | 2.53    | 14.3    | 1.7    | 2.2     | 3.0     | 18.5    | 0.66    | 0.87    | 0.18    | 82     | 0.33    | 0.099  |
| 1302979 | Soil    |      |     | 9.38    | 16.32   | 13.54   | 71.6    | 192     | 28.0    | 10.0    | 520     | 2.47    | 18.6    | 3.0    | 2.3     | 0.9     | 35.2    | 0.38    | 0.84    | 0.16    | 60     | 2.72    | 0.198  |
| 1302980 | Soil    |      |     | 18.08   | 11.89   | 21.86   | 119.0   | 120     | 21.7    | 8.6     | 661     | 2.39    | 27.2    | 3.3    | 1.0     | 1.0     | 21.8    | 0.33    | 0.77    | 0.17    | 67     | 1.33    | 0.174  |
| 1302981 | Soil    |      |     | 7.73    | 18.36   | 24.93   | 90.3    | 112     | 25.1    | 11.2    | 656     | 2.77    | 22.6    | 0.5    | 1.3     | 1.8     | 35.6    | 0.36    | 0.72    | 0.18    | 42     | 3.57    | 0.050  |
| 1302982 | Soil    |      |     | 1.84    | 26.29   | 13.68   | 71.0    | 177     | 29.5    | 7.7     | 194     | 2.58    | 7.5     | 0.8    | 2.5     | 1.8     | 12.8    | 0.23    | 0.61    | 0.18    | 61     | 0.18    | 0.059  |
| 1302983 | Soil    |      |     | 1.90    | 33.44   | 14.48   | 84.2    | 210     | 38.4    | 10.3    | 236     | 2.91    | 8.8     | 0.8    | 2.8     | 2.3     | 15.0    | 0.27    | 0.73    | 0.21    | 64     | 0.21    | 0.054  |
| 1302984 | Soil    |      |     | 2.32    | 26.02   | 17.32   | 85.3    | 61      | 32.1    | 10.3    | 273     | 4.00    | 11.4    | 0.5    | 1.6     | 3.0     | 9.2     | 0.22    | 0.88    | 0.23    | 82     | 0.08    | 0.040  |
| 1302985 | Soil    |      |     | 4.57    | 68.17   | 48.16   | 62.0    | 325     | 20.4    | 3.5     | 51      | 3.65    | 16.7    | 0.6    | 4.3     | 3.2     | 22.2    | 0.12    | 1.84    | 0.27    | 47     | 0.03    | 0.067  |
| 1302986 | Soil    |      |     | 2.92    | 16.89   | 16.42   | 104.4   | 154     | 42.9    | 10.6    | 223     | 3.66    | 12.7    | 0.5    | 1.6     | 3.1     | 9.6     | 0.91    | 0.93    | 0.23    | 95     | 0.08    | 0.039  |
| 1302987 | Soil    |      |     | 1.43    | 25.95   | 14.35   | 91.9    | 75      | 40.3    | 5.9     | 95      | 2.53    | 6.3     | 0.3    | 0.8     | 1.9     | 13.6    | 0.63    | 0.57    | 0.19    | 66     | 0.07    | 0.042  |
| 1302988 | Soil    |      |     | 2.51    | 27.01   | 59.87   | 245.8   | 179     | 54.8    | 6.2     | 145     | 2.84    | 7.8     | 0.3    | 0.4     | 1.8     | 15.4    | 1.30    | 1.62    | 0.22    | 80     | 0.11    | 0.052  |
| 1302989 | Soil    |      |     | 1.46    | 40.35   | 38.30   | 198.6   | 161     | 55.8    | 12.9    | 124     | 3.09    | 6.4     | 0.3    | <0.2    | 1.4     | 8.6     | 0.31    | 0.64    | 0.18    | 70     | 0.12    | 0.019  |
| 1302990 | Soil    |      |     | 1.50    | 58.45   | 21.78   | 114.3   | 320     | 53.6    | 12.9    | 170     | 3.46    | 6.7     | 0.4    | 3.3     | 1.7     | 5.1     | 0.26    | 0.50    | 0.33    | 56     | 0.05    | 0.030  |
| 1302991 | Soil    |      |     | 2.04    | 16.58   | 17.23   | 56.3    | 53      | 16.6    | 5.1     | 124     | 2.28    | 6.5     | 0.3    | 0.7     | 2.2     | 8.9     | 0.23    | 0.71    | 0.20    | 70     | 0.08    | 0.019  |
| 1302992 | Soil    |      |     | 1.93    | 30.57   | 24.17   | 138.4   | 212     | 37.0    | 14.3    | 401     | 3.00    | 7.4     | 0.3    | 0.4     | 1.5     | 5.9     | 0.40    | 0.88    | 0.20    | 60     | 0.04    | 0.046  |
| 1302993 | Soil    |      |     | 3.05    | 45.66   | 26.66   | 109.7   | 208     | 42.6    | 11.6    | 256     | 4.26    | 13.9    | 0.4    | 2.2     | 1.9     | 8.8     | 0.23    | 1.49    | 0.22    | 62     | 0.07    | 0.076  |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1302947 | Soil    | 3.9  | 26.2 | 0.37 | 536.0 | 0.004  | 2    | 1.50 | 0.002  | 0.07 | <0.1 | 2.8  | 0.12 | <0.02 | 9    | 0.2  | 0.05  | 5.6 |
| 1302948 | Soil    | 9.3  | 28.3 | 0.32 | 233.5 | 0.020  | 2    | 1.62 | 0.003  | 0.05 | <0.1 | 2.6  | 0.25 | <0.02 | 17   | 0.1  | 0.04  | 7.0 |
| 1302949 | Soil    | 1.4  | 13.4 | 0.10 | 135.9 | 0.003  | 1    | 0.56 | 0.002  | 0.05 | <0.1 | 1.8  | 0.19 | <0.02 | 10   | 0.2  | 0.02  | 3.8 |
| 1302950 | Soil    | 3.1  | 31.1 | 0.33 | 330.2 | 0.002  | 2    | 1.60 | 0.002  | 0.09 | <0.1 | 3.0  | 0.25 | 0.03  | 18   | 0.4  | 0.05  | 4.8 |
| 1302968 | Soil    | 1.3  | 44.5 | 0.76 | 492.6 | <0.001 | 3    | 2.24 | 0.001  | 0.16 | <0.1 | 5.1  | 0.42 | <0.02 | 42   | 0.4  | 0.08  | 7.4 |
| 1302969 | Soil    | 3.4  | 42.3 | 0.58 | 397.4 | 0.001  | 3    | 2.07 | 0.004  | 0.12 | <0.1 | 4.9  | 1.36 | 0.06  | 105  | 0.6  | 0.09  | 6.4 |
| 1302970 | Soil    | 3.1  | 46.2 | 0.63 | 614.4 | <0.001 | 3    | 2.42 | 0.003  | 0.11 | <0.1 | 5.2  | 0.58 | 0.06  | 86   | 1.1  | 0.10  | 6.8 |
| 1302971 | Soil    | 7.6  | 44.2 | 0.50 | 585.4 | 0.002  | 2    | 2.38 | 0.006  | 0.13 | <0.1 | 8.0  | 0.73 | 0.09  | 122  | 0.6  | 0.06  | 7.1 |
| 1302972 | Soil    | 2.1  | 27.2 | 0.34 | 307.9 | <0.001 | 2    | 1.49 | 0.005  | 0.14 | <0.1 | 3.3  | 0.28 | 0.08  | 48   | 0.6  | 0.03  | 4.7 |
| 1302973 | Soil    | 10.2 | 31.0 | 1.35 | 345.4 | 0.012  | 5    | 1.04 | 0.013  | 0.10 | 0.1  | 3.7  | 0.20 | 0.09  | 203  | 1.0  | <0.02 | 3.2 |
| 1302974 | Soil    | 15.5 | 22.7 | 2.34 | 199.3 | 0.011  | 3    | 1.03 | 0.009  | 0.07 | <0.1 | 4.7  | 0.19 | 0.03  | 53   | 0.6  | <0.02 | 2.7 |
| 1302975 | Soil    | 36.8 | 43.8 | 0.30 | 163.3 | 0.005  | 3    | 1.94 | 0.005  | 0.05 | 0.1  | 7.4  | 0.52 | 0.05  | 192  | 0.9  | <0.02 | 3.4 |
| 1302976 | Soil    | 11.9 | 39.4 | 0.43 | 153.5 | 0.038  | 2    | 2.54 | 0.004  | 0.05 | 0.2  | 3.7  | 0.24 | <0.02 | 33   | 0.7  | 0.06  | 6.2 |
| 1302977 | Soil    | 17.9 | 54.8 | 0.39 | 435.9 | 0.028  | 7    | 2.23 | 0.009  | 0.17 | 0.2  | 5.7  | 0.95 | 0.03  | 153  | 1.6  | 0.07  | 6.2 |
| 1302978 | Soil    | 11.7 | 33.2 | 0.39 | 290.3 | 0.027  | 1    | 1.99 | 0.004  | 0.04 | 0.2  | 3.0  | 0.29 | <0.02 | 16   | 0.5  | 0.05  | 6.0 |
| 1302979 | Soil    | 13.1 | 30.5 | 0.57 | 264.3 | 0.015  | 3    | 1.64 | 0.011  | 0.04 | 0.2  | 2.7  | 0.23 | 0.06  | 72   | 0.6  | <0.02 | 3.9 |
| 1302980 | Soil    | 14.3 | 26.0 | 0.40 | 233.9 | 0.012  | 2    | 1.70 | 0.010  | 0.05 | 0.1  | 3.0  | 0.25 | 0.04  | 26   | 0.5  | <0.02 | 4.9 |
| 1302981 | Soil    | 10.1 | 22.1 | 1.83 | 216.3 | 0.007  | 4    | 1.21 | 0.007  | 0.07 | 0.1  | 3.3  | 0.40 | 0.05  | 34   | 0.5  | 0.02  | 3.1 |
| 1302982 | Soil    | 9.0  | 36.1 | 0.48 | 282.6 | 0.008  | 3    | 1.90 | 0.004  | 0.07 | 0.1  | 3.6  | 0.21 | <0.02 | 53   | 0.3  | 0.04  | 6.2 |
| 1302983 | Soil    | 8.6  | 38.8 | 0.55 | 441.5 | 0.008  | 3    | 2.01 | 0.004  | 0.09 | <0.1 | 4.4  | 0.20 | <0.02 | 52   | 0.3  | 0.04  | 6.3 |
| 1302984 | Soil    | 8.5  | 37.3 | 0.43 | 195.7 | 0.011  | 2    | 2.16 | 0.002  | 0.07 | <0.1 | 3.6  | 0.24 | <0.02 | 19   | 0.7  | 0.05  | 7.2 |
| 1302985 | Soil    | 3.9  | 32.9 | 0.31 | 524.6 | 0.001  | 2    | 1.53 | 0.021  | 0.23 | <0.1 | 4.8  | 1.00 | 0.42  | 148  | 2.1  | 0.07  | 4.9 |
| 1302986 | Soil    | 9.8  | 37.6 | 0.38 | 278.8 | 0.019  | 1    | 2.44 | 0.002  | 0.04 | 0.2  | 3.2  | 0.23 | <0.02 | 37   | 0.5  | 0.05  | 7.8 |
| 1302987 | Soil    | 5.1  | 32.6 | 0.33 | 344.2 | 0.003  | 2    | 1.70 | <0.001 | 0.09 | <0.1 | 2.8  | 0.19 | <0.02 | 19   | 0.1  | 0.06  | 6.4 |
| 1302988 | Soil    | 4.8  | 29.0 | 0.22 | 369.0 | 0.004  | 1    | 1.51 | 0.005  | 0.08 | <0.1 | 2.9  | 0.22 | 0.05  | 29   | 0.7  | 0.09  | 6.2 |
| 1302989 | Soil    | 2.4  | 46.6 | 0.67 | 451.2 | 0.002  | 1    | 2.45 | <0.001 | 0.08 | <0.1 | 4.3  | 0.16 | <0.02 | 18   | 0.2  | 0.06  | 7.6 |
| 1302990 | Soil    | 1.9  | 41.3 | 0.67 | 204.3 | 0.001  | 1    | 2.27 | <0.001 | 0.10 | <0.1 | 4.4  | 0.17 | <0.02 | 38   | 0.4  | 0.05  | 6.5 |
| 1302991 | Soil    | 9.7  | 22.9 | 0.27 | 247.9 | 0.014  | <1   | 1.26 | 0.003  | 0.06 | <0.1 | 2.1  | 0.17 | <0.02 | 15   | 0.2  | 0.07  | 6.0 |
| 1302992 | Soil    | 3.8  | 32.5 | 0.42 | 445.1 | 0.003  | 2    | 2.02 | 0.006  | 0.09 | <0.1 | 3.7  | 0.26 | <0.02 | 30   | 0.3  | 0.04  | 6.9 |
| 1302993 | Soil    | 3.2  | 38.3 | 0.46 | 273.8 | 0.002  | 3    | 2.01 | 0.003  | 0.14 | <0.1 | 3.8  | 0.69 | 0.04  | 62   | 0.6  | 0.07  | 7.0 |

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Project: FACE  
 Report Date: August 10, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1302994 | Soil | 1.66 | 32.12 | 53.52 | 203.1 | 89   | 33.6 | 10.1 | 248  | 3.61 | 7.7  | 0.3  | 1.7  | 1.9  | 14.9 | 0.66 | 0.59 | 0.22 | 64   | 0.18  | 0.067 |
| 1302995 | Soil | 2.30 | 24.74 | 15.85 | 72.2  | 54   | 20.2 | 6.0  | 146  | 3.04 | 10.1 | 0.3  | 2.2  | 1.6  | 6.5  | 0.11 | 0.86 | 0.20 | 70   | 0.05  | 0.038 |
| 1302996 | Soil | 2.21 | 35.14 | 25.64 | 138.7 | 199  | 35.2 | 10.1 | 334  | 2.79 | 6.4  | 0.4  | 0.9  | 1.2  | 12.2 | 0.50 | 0.78 | 0.22 | 65   | 0.18  | 0.054 |
| 1302997 | Soil | 2.47 | 46.82 | 22.11 | 120.5 | 90   | 35.1 | 12.9 | 422  | 4.06 | 10.6 | 0.3  | 0.8  | 1.4  | 6.5  | 0.24 | 1.08 | 0.25 | 73   | 0.06  | 0.075 |
| 1302998 | Soil | 2.87 | 32.42 | 30.29 | 113.0 | 100  | 24.3 | 7.2  | 194  | 3.52 | 8.8  | 0.3  | 1.0  | 1.5  | 14.7 | 0.28 | 0.97 | 0.28 | 74   | 0.20  | 0.065 |
| 1302999 | Soil | 3.29 | 26.53 | 29.00 | 125.6 | 99   | 25.2 | 9.7  | 364  | 4.49 | 10.5 | 0.4  | 1.1  | 1.9  | 8.0  | 0.32 | 0.91 | 0.27 | 92   | 0.07  | 0.065 |
| 1303000 | Soil | 2.58 | 53.50 | 40.56 | 140.3 | 319  | 36.1 | 11.9 | 363  | 3.60 | 8.5  | 0.7  | 2.4  | 2.4  | 26.4 | 1.10 | 0.88 | 0.27 | 68   | 0.45  | 0.069 |



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CERTIFICATE OF ANALYSIS

DAW12000134.1

| Method  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|-------|------|------|------|-----|
| Analyte | La   | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga   |     |
| Unit    | ppm  | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1  |     |
| 1302994 | Soil | 3.9  | 37.7 | 0.50 | 842.8 | 0.002 | 3    | 2.09  | 0.002 | 0.10 | <0.1 | 3.6  | 0.25 | 0.03  | 30   | 0.3  | 0.06 | 7.0 |
| 1302995 | Soil | 6.4  | 28.3 | 0.29 | 125.4 | 0.010 | 1    | 1.38  | 0.005 | 0.06 | <0.1 | 2.6  | 0.22 | <0.02 | 25   | 0.3  | 0.07 | 6.2 |
| 1302996 | Soil | 4.8  | 32.1 | 0.37 | 510.0 | 0.004 | 2    | 1.61  | 0.007 | 0.10 | <0.1 | 3.0  | 0.22 | 0.02  | 31   | 0.4  | 0.06 | 6.4 |
| 1302997 | Soil | 2.6  | 36.1 | 0.40 | 406.0 | 0.002 | 2    | 2.14  | 0.002 | 0.11 | <0.1 | 4.3  | 0.39 | <0.02 | 91   | 0.3  | 0.07 | 7.9 |
| 1302998 | Soil | 5.3  | 33.0 | 0.38 | 503.2 | 0.004 | 1    | 1.67  | 0.003 | 0.09 | <0.1 | 3.0  | 0.33 | <0.02 | 25   | 0.5  | 0.05 | 7.2 |
| 1302999 | Soil | 6.7  | 39.5 | 0.38 | 318.7 | 0.007 | 2    | 1.98  | 0.002 | 0.09 | <0.1 | 3.3  | 0.33 | 0.02  | 31   | 0.5  | 0.07 | 7.5 |
| 1303000 | Soil | 7.5  | 38.1 | 0.47 | 1107  | 0.004 | 2    | 1.73  | 0.007 | 0.11 | <0.1 | 5.2  | 0.43 | 0.03  | 60   | 0.4  | 0.06 | 7.0 |



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Project: FACE  
 Report Date: August 10, 2012

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QUALITY CONTROL REPORT

DAW12000134.1

| Method              | 1F15     | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |        |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   | P      |        |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    | %      |        |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 | 0.001  |        |
| Pulp Duplicates     |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| 1302875             | Soil     | 2.62  | 23.32 | 11.25 | 93.9  | 137  | 35.1 | 9.9  | 199  | 2.40  | 7.2  | 0.7  | 1.7   | 2.8  | 12.0 | 0.45  | 0.85  | 0.14  | 46   | 0.11   | 0.037  |
| REP 1302875         | QC       | 2.41  | 23.32 | 11.44 | 95.7  | 130  | 34.6 | 9.7  | 202  | 2.42  | 7.3  | 0.7  | 3.1   | 2.9  | 11.9 | 0.43  | 0.80  | 0.14  | 48   | 0.11   | 0.037  |
| 1302876             | Soil     | 2.30  | 29.90 | 11.67 | 89.2  | 120  | 38.5 | 11.4 | 265  | 2.45  | 7.6  | 1.1  | 1.6   | 3.4  | 12.3 | 0.27  | 0.91  | 0.14  | 48   | 0.12   | 0.034  |
| REP 1302876         | QC       | 2.23  | 27.90 | 11.31 | 88.4  | 122  | 36.7 | 10.9 | 259  | 2.45  | 7.4  | 1.0  | 1.3   | 3.4  | 12.0 | 0.27  | 0.88  | 0.12  | 49   | 0.12   | 0.034  |
| 1302933             | Soil     | 2.87  | 21.09 | 9.14  | 51.3  | 116  | 15.1 | 5.0  | 117  | 2.07  | 8.0  | 0.4  | 3.7   | 2.3  | 13.7 | 0.09  | 0.88  | 0.14  | 54   | 0.07   | 0.016  |
| REP 1302933         | QC       | 2.84  | 20.54 | 9.25  | 51.8  | 121  | 14.5 | 5.0  | 114  | 2.04  | 8.2  | 0.4  | 2.2   | 2.3  | 13.3 | 0.11  | 0.89  | 0.13  | 52   | 0.07   | 0.016  |
| 1302934             | Soil     | 3.54  | 25.50 | 11.69 | 60.1  | 145  | 17.3 | 3.7  | 68   | 2.34  | 8.9  | 0.4  | 2.0   | 2.0  | 22.4 | 0.10  | 1.11  | 0.18  | 69   | 0.05   | 0.027  |
| REP 1302934         | QC       | 3.56  | 25.43 | 11.31 | 61.1  | 147  | 17.3 | 3.9  | 68   | 2.35  | 9.1  | 0.4  | 2.6   | 1.9  | 22.6 | 0.10  | 1.16  | 0.17  | 69   | 0.05   | 0.028  |
| 1302982             | Soil     | 1.84  | 26.29 | 13.68 | 71.0  | 177  | 29.5 | 7.7  | 194  | 2.58  | 7.5  | 0.8  | 2.5   | 1.8  | 12.8 | 0.23  | 0.61  | 0.18  | 61   | 0.18   | 0.059  |
| REP 1302982         | QC       | 1.77  | 26.33 | 13.76 | 71.4  | 172  | 30.1 | 7.9  | 188  | 2.57  | 7.8  | 0.7  | 2.5   | 1.8  | 12.9 | 0.24  | 0.61  | 0.19  | 60   | 0.18   | 0.059  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| STD DS9             | Standard | 13.29 | 105.6 | 122.7 | 304.6 | 1906 | 39.2 | 7.3  | 579  | 2.28  | 25.9 | 2.8  | 122.3 | 6.4  | 70.0 | 2.29  | 5.70  | 6.53  | 42   | 0.73   | 0.081  |
| STD DS9             | Standard | 12.98 | 113.0 | 125.9 | 303.3 | 1859 | 42.3 | 8.2  | 559  | 2.20  | 23.2 | 2.7  | 114.3 | 6.2  | 60.0 | 2.27  | 5.42  | 6.40  | 37   | 0.68   | 0.076  |
| STD DS9             | Standard | 14.43 | 111.1 | 125.6 | 300.5 | 1844 | 42.5 | 8.0  | 585  | 2.35  | 24.1 | 2.8  | 113.5 | 6.8  | 71.8 | 2.14  | 5.32  | 6.27  | 40   | 0.76   | 0.081  |
| STD DS9             | Standard | 11.63 | 103.2 | 114.7 | 286.0 | 1726 | 38.3 | 7.3  | 545  | 2.29  | 23.6 | 2.6  | 102.4 | 6.0  | 67.1 | 2.22  | 5.11  | 6.64  | 39   | 0.71   | 0.076  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | 0.13  | <0.01 | 0.1   | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.07  | 0.05  | 0.2   | 5    | 0.1  | <0.1 | <1   | 0.01  | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.14  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 3    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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Project: FACE  
 Report Date: August 10, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000134.1

| Method              | 1F15     | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|----------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | La       | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | ppm      | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302875             | Soil     | 8.3  | 28.3  | 0.43   | 294.8 | 0.011  | 2    | 1.30   | 0.003  | 0.06  | <0.1 | 2.7  | 0.15  | <0.02  | 39   | 0.8  | 0.04  | 3.9  |
| REP 1302875         | QC       | 8.2  | 30.2  | 0.44   | 297.2 | 0.012  | 2    | 1.32   | 0.003  | 0.06  | <0.1 | 2.8  | 0.15  | <0.02  | 27   | 0.7  | 0.05  | 4.0  |
| 1302876             | Soil     | 10.6 | 31.2  | 0.46   | 329.8 | 0.015  | 2    | 1.31   | 0.004  | 0.05  | <0.1 | 3.6  | 0.14  | <0.02  | 23   | 0.6  | 0.04  | 4.0  |
| REP 1302876         | QC       | 10.3 | 31.0  | 0.47   | 315.4 | 0.015  | 2    | 1.36   | 0.004  | 0.06  | <0.1 | 3.5  | 0.13  | <0.02  | 23   | 0.7  | 0.02  | 4.0  |
| 1302933             | Soil     | 7.8  | 22.3  | 0.30   | 308.9 | 0.018  | 2    | 1.21   | 0.007  | 0.04  | <0.1 | 2.1  | 0.17  | 0.03   | 33   | 0.7  | 0.04  | 3.7  |
| REP 1302933         | QC       | 7.2  | 21.9  | 0.29   | 304.1 | 0.016  | 1    | 1.16   | 0.007  | 0.04  | <0.1 | 2.2  | 0.17  | 0.03   | 28   | 0.6  | 0.03  | 3.6  |
| 1302934             | Soil     | 6.2  | 20.1  | 0.21   | 294.1 | 0.010  | 1    | 1.25   | 0.007  | 0.06  | <0.1 | 2.0  | 0.21  | 0.03   | 14   | 0.8  | 0.06  | 4.2  |
| REP 1302934         | QC       | 6.5  | 20.1  | 0.21   | 302.7 | 0.011  | 1    | 1.26   | 0.007  | 0.06  | <0.1 | 2.1  | 0.21  | 0.03   | 23   | 0.8  | 0.05  | 4.4  |
| 1302982             | Soil     | 9.0  | 36.1  | 0.48   | 282.6 | 0.008  | 3    | 1.90   | 0.004  | 0.07  | 0.1  | 3.6  | 0.21  | <0.02  | 53   | 0.3  | 0.04  | 6.2  |
| REP 1302982         | QC       | 9.0  | 35.9  | 0.48   | 282.1 | 0.009  | 3    | 1.90   | 0.004  | 0.07  | 0.1  | 3.6  | 0.21  | <0.02  | 46   | 0.3  | 0.04  | 6.1  |
| Reference Materials |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 13.6 | 113.0 | 0.60   | 303.5 | 0.107  | 3    | 0.95   | 0.085  | 0.39  | 3.1  | 2.4  | 5.74  | 0.16   | 223  | 5.4  | 5.15  | 4.4  |
| STD DS9             | Standard | 12.1 | 113.2 | 0.59   | 260.1 | 0.103  | 3    | 0.91   | 0.087  | 0.39  | 3.0  | 2.2  | 5.58  | 0.16   | 221  | 5.3  | 5.09  | 4.4  |
| STD DS9             | Standard | 15.1 | 116.9 | 0.63   | 302.1 | 0.118  | 3    | 1.01   | 0.098  | 0.41  | 2.9  | 2.8  | 5.56  | 0.16   | 190  | 5.2  | 5.22  | 4.7  |
| STD DS9             | Standard | 12.5 | 107.4 | 0.62   | 282.2 | 0.105  | 2    | 0.95   | 0.082  | 0.39  | 2.8  | 2.2  | 5.12  | 0.17   | 228  | 5.3  | 4.85  | 4.3  |
| STD DS9 Expected    |          | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | 1.1   | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |





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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 13, 2012  
Report Date: August 01, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000135.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-8  
P.O. Number  
Number of Samples: 2

### SAMPLE DISPOSAL

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

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

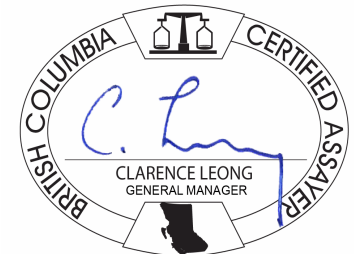
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| S150        | 2                 | Sieve to 150 mesh                                     |              |               | DAW |
| RJSV        | 2                 | Saving all or part of Soil Reject                     |              |               | DAW |
| 3B01+3B04   | 2                 | lead collection fire assay - ICP-ES finish            | 50           | Completed     | VAN |
| 1F03        | 2                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 30           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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**Project:** FACE  
**Report Date:** August 01, 2012

**Page:** 2 of 2

**Part:** 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000135.1

| Method  | 3B-50 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|-------|------|------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analyte | Au    | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   |      |
| Unit    | ppb   | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    |      |
| MDL     | 2     | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 |      |
| 1302012 | Silt  | 8    | 1.83 | 38.22 | 15.72 | 486.2 | 217  | 128.1 | 33.9 | 571  | 2.85 | 7.9  | 0.7  | 2.9  | 2.3  | 30.4 | 1.28 | 0.71 | 0.16 | 50   | 0.26 |
| 1302013 | Silt  | 26   | 4.33 | 50.28 | 36.06 | 312.5 | 328  | 68.6  | 22.5 | 422  | 3.81 | 10.5 | 1.3  | 2.2  | 1.8  | 48.5 | 2.07 | 1.13 | 0.14 | 54   | 0.22 |



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**Report Date:** August 01, 2012

**Page:** 2 of 2

**Part:** 2 of 2

**CERTIFICATE OF ANALYSIS**

**DAW12000135.1**

| Method  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |      |
| Unit    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |      |
| 1302012 | Silt  | 0.068 | 7.1  | 29.9 | 0.56 | 405.0 | 0.004 | 3    | 2.11  | 0.004 | 0.09 | <0.1 | 5.0  | 0.22 | 0.06 | 74   | 0.6  | 0.06 | 5.0  |
| 1302013 | Silt  | 0.058 | 5.0  | 24.1 | 0.36 | 827.9 | 0.004 | 4    | 1.58  | 0.005 | 0.09 | <0.1 | 5.0  | 0.58 | 0.09 | 103  | 2.8  | 0.07 | 3.9  |



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**Project:** FACE  
**Report Date:** August 01, 2012

Page: 1 of 1

Part: 1 of 2

## QUALITY CONTROL REPORT

DAW12000135.1

| Method              | 3B-50    | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30 | 1F30   |
|---------------------|----------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Au       | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   |        |
| Unit                | ppb      | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    |        |
| MDL                 | 2        | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 |        |
| Pulp Duplicates     |          |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| 1302013             | Silt     | 26   | 4.33  | 50.28 | 36.06 | 312.5 | 328  | 68.6 | 22.5 | 422  | 3.81  | 10.5 | 1.3  | 2.2   | 1.8  | 48.5 | 2.07  | 1.13  | 0.14  | 54   | 0.22   |
| REP 1302013         | QC       | 31   |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| Reference Materials |          |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard |      | 14.17 | 101.0 | 128.9 | 311.6 | 1980 | 43.1 | 7.5  | 614  | 2.42  | 24.6 | 2.6  | 128.5 | 6.0  | 76.4 | 2.23  | 5.23  | 5.98  | 44   | 0.76   |
| STD OXA71           | Standard | 83   |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9 Expected    |          |      | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| STD OXA71 Expected  |          | 84.9 |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| BLK                 | Blank    |      | <0.01 | 0.13  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| BLK                 | Blank    | 5    |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |



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**Project:** FACE  
**Report Date:** August 01, 2012

**Page:** 1 of 1

**Part:** 2 of 2

## QUALITY CONTROL REPORT

DAW12000135.1

| Method              |          | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  | 1F30 |
|---------------------|----------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             |          | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |
| Unit                |          | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |
| MDL                 |          | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |
| Pulp Duplicates     |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302013             | Silt     | 0.058  | 5.0  | 24.1  | 0.36   | 827.9 | 0.004  | 4    | 1.58   | 0.005  | 0.09  | <0.1 | 5.0  | 0.58  | 0.09   | 103  | 2.8  | 0.07  | 3.9  |
| REP 1302013         | QC       |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| Reference Materials |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 0.090  | 14.2 | 126.2 | 0.64   | 310.5 | 0.118  | 3    | 1.02   | 0.097  | 0.41  | 3.2  | 2.8  | 5.89  | 0.16   | 236  | 5.8  | 5.58  | 5.0  |
| STD OXA71           | Standard |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9 Expected    |          | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| STD OXA71 Expected  |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| BLK                 | Blank    | <0.001 | <0.5 | 0.6   | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| BLK                 | Blank    |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 23, 2012  
Report Date: August 12, 2012  
Page: 1 of 12

## CERTIFICATE OF ANALYSIS

## DAW12000161.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID:  
P.O. Number  
Number of Samples: 320

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 320               | Dry at 60C  |              |               | DAW |
| SS80        | 320               | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 320               | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 320               | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 12, 2012

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# CERTIFICATE OF ANALYSIS

# DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| LB12001 | Soil    |      |     | 4.12    | 29.28   | 11.63   | 91.0    | 423     | 40.0    | 10.9    | 311     | 3.03    | 14.4    | 0.9    | 6.1     | 3.6     | 15.9    | 0.28    | 1.34    | 0.21    | 77     | 0.08    | 0.035  |
| LB12002 | Soil    |      |     | 3.86    | 47.65   | 24.13   | 60.8    | 1727    | 20.1    | 4.5     | 180     | 3.74    | 10.9    | 1.2    | 4.9     | 1.0     | 37.3    | 0.30    | 1.70    | 0.28    | 80     | 0.04    | 0.060  |
| LB12003 | Soil    |      |     | 5.36    | 20.53   | 13.02   | 88.9    | 459     | 34.6    | 9.9     | 258     | 3.51    | 17.4    | 0.8    | 5.3     | 3.7     | 10.2    | 0.18    | 1.24    | 0.25    | 95     | 0.06    | 0.031  |
| LB12004 | Soil    |      |     | 5.22    | 17.23   | 13.81   | 60.9    | 447     | 22.5    | 6.5     | 209     | 3.20    | 14.9    | 0.9    | 4.5     | 3.7     | 9.1     | 0.10    | 1.07    | 0.24    | 97     | 0.06    | 0.029  |
| LB12005 | Soil    |      |     | 4.08    | 33.89   | 10.48   | 102.1   | 2499    | 35.5    | 3.1     | 40      | 1.48    | 6.7     | 2.7    | 3.2     | 0.9     | 47.6    | 1.57    | 1.33    | 0.15    | 74     | 0.24    | 0.085  |
| LB12006 | Soil    |      |     | 17.83   | 61.63   | 15.03   | 118.0   | 2614    | 33.0    | 3.3     | 70      | 4.40    | 17.9    | 9.8    | 3.9     | 1.1     | 169.9   | 0.61    | 4.29    | 0.18    | 209    | 0.54    | 0.444  |
| LB12007 | Soil    |      |     | 51.96   | 66.28   | 10.90   | 141.2   | 2428    | 64.6    | 4.0     | 116     | 3.43    | 42.2    | 12.4   | 4.3     | 0.8     | 177.7   | 2.39    | 15.53   | 0.16    | 413    | 0.28    | 0.410  |
| LB12008 | Soil    |      |     | 50.12   | 30.59   | 15.59   | 67.2    | 506     | 17.5    | 1.1     | 22      | 1.73    | 18.0    | 6.3    | 2.6     | 0.6     | 64.0    | 0.43    | 4.16    | 0.20    | 197    | <0.01   | 0.035  |
| LB12009 | Soil    |      |     | 3.87    | 44.67   | 21.01   | 63.3    | 1584    | 21.9    | 4.1     | 132     | 4.40    | 10.7    | 0.9    | 36.0    | 1.5     | 80.8    | 0.11    | 2.12    | 0.34    | 69     | 0.05    | 0.072  |
| LB12010 | Soil    |      |     | 4.79    | 33.80   | 27.81   | 82.7    | 1140    | 22.9    | 5.5     | 222     | 4.19    | 13.4    | 0.7    | 10.5    | 1.4     | 35.7    | 0.15    | 1.47    | 0.32    | 97     | 0.05    | 0.061  |
| LB12011 | Soil    |      |     | 11.06   | 41.47   | 15.30   | 40.7    | 4648    | 16.1    | 0.8     | 16      | 2.82    | 14.2    | 2.8    | 6.6     | 0.4     | 52.9    | 0.31    | 1.47    | 0.24    | 81     | 0.05    | 0.057  |
| LB12012 | Soil    |      |     | 10.57   | 9.22    | 14.98   | 33.5    | 683     | 9.9     | 1.7     | 58      | 3.18    | 24.0    | 0.6    | 1.9     | 1.4     | 12.6    | <0.01   | 1.26    | 0.27    | 129    | 0.01    | 0.024  |
| LB12013 | Soil    |      |     | 10.03   | 4.37    | 19.13   | 9.3     | 2190    | 3.1     | 0.4     | 13      | 2.67    | 12.1    | 0.5    | 1.1     | 0.5     | 12.4    | <0.01   | 0.87    | 0.30    | 95     | <0.01   | 0.026  |
| LB12014 | Soil    |      |     | 9.12    | 22.11   | 12.33   | 66.3    | 3309    | 20.7    | 4.4     | 130     | 3.84    | 24.5    | 0.9    | 2.9     | 2.6     | 9.4     | 0.04    | 1.35    | 0.27    | 141    | 0.02    | 0.029  |
| LB12015 | Soil    |      |     | 5.56    | 12.72   | 11.46   | 7.6     | 2069    | 3.1     | 0.2     | 4       | 1.49    | 4.6     | 0.7    | 3.1     | 0.3     | 28.2    | <0.01   | 0.46    | 0.20    | 48     | <0.01   | 0.016  |
| LB12016 | Soil    |      |     | 5.83    | 15.97   | 11.77   | 88.5    | 186     | 22.4    | 7.2     | 266     | 3.06    | 15.0    | 0.7    | 3.5     | 2.6     | 17.8    | 0.12    | 1.33    | 0.18    | 92     | 0.09    | 0.034  |
| LB12017 | Soil    |      |     | 10.53   | 27.56   | 18.77   | 68.5    | 1797    | 20.0    | 5.4     | 196     | 3.97    | 23.1    | 1.5    | 6.8     | 2.2     | 103.6   | 0.25    | 1.37    | 0.30    | 80     | 0.07    | 0.073  |
| LB12018 | Soil    |      |     | 2.94    | 107.7   | 25.01   | 237.8   | 3416    | 62.1    | 6.8     | 284     | 4.36    | 9.0     | 3.1    | 11.5    | 1.0     | 378.9   | 1.19    | 1.47    | 0.37    | 102    | 0.14    | 0.129  |
| LB12019 | Soil    |      |     | 17.79   | 85.19   | 17.78   | 137.7   | 4217    | 33.6    | 1.1     | 23      | 0.80    | 7.5     | 10.6   | 2.9     | 1.1     | 110.8   | 9.85    | 9.30    | 0.19    | 288    | 0.18    | 0.272  |
| LB12020 | Soil    |      |     | 3.34    | 14.55   | 21.97   | 36.9    | 729     | 9.1     | 1.9     | 67      | 3.83    | 12.4    | 0.4    | 7.4     | 1.0     | 40.1    | <0.01   | 1.37    | 0.34    | 70     | 0.02    | 0.046  |
| LB12021 | Soil    |      |     | 3.78    | 12.39   | 18.01   | 31.0    | 1163    | 9.4     | 1.4     | 38      | 1.99    | 7.3     | 0.6    | 3.6     | 0.6     | 19.6    | 0.04    | 1.07    | 0.46    | 96     | <0.01   | 0.031  |
| LB12022 | Soil    |      |     | 6.31    | 26.68   | 20.89   | 10.6    | 4446    | 4.9     | 0.3     | 2       | 3.11    | 13.5    | 2.2    | 7.5     | 0.8     | 43.9    | <0.01   | 1.23    | 0.33    | 107    | <0.01   | 0.023  |
| LB12023 | Soil    |      |     | 7.12    | 20.26   | 12.93   | 36.6    | 2342    | 13.8    | 1.2     | 27      | 3.31    | 14.9    | 2.0    | 3.8     | 0.5     | 43.6    | 0.19    | 0.98    | 0.20    | 55     | <0.01   | 0.029  |
| LB12024 | Soil    |      |     | 8.35    | 16.19   | 10.28   | 8.2     | 1448    | 2.7     | 0.3     | 9       | 2.24    | 22.3    | 1.1    | 4.9     | 0.8     | 9.7     | <0.01   | 0.92    | 0.18    | 100    | <0.01   | 0.012  |
| LB12025 | Soil    |      |     | 7.69    | 52.13   | 6.74    | 206.7   | 1930    | 102.5   | 3.1     | 85      | 1.53    | 8.9     | 1.1    | 2.2     | 0.3     | 208.3   | 0.82    | 0.64    | 0.05    | 137    | 3.76    | 0.049  |
| SL12001 | Soil    |      |     | 4.39    | 32.85   | 10.25   | 114.3   | 999     | 33.1    | 7.6     | 233     | 2.53    | 15.0    | 1.1    | 4.3     | 2.9     | 26.3    | 0.65    | 1.14    | 0.15    | 80     | 0.14    | 0.065  |
| SL12002 | Soil    |      |     | 7.75    | 10.84   | 15.89   | 26.8    | 1891    | 11.1    | 1.6     | 50      | 1.67    | 11.8    | 1.5    | 3.8     | 1.0     | 13.1    | <0.01   | 1.17    | 0.26    | 104    | <0.01   | 0.029  |
| SL12003 | Soil    |      |     | 2.64    | 14.54   | 8.68    | 30.2    | 1140    | 9.7     | 1.6     | 41      | 1.18    | 8.0     | 0.8    | 3.1     | 0.9     | 14.9    | 0.02    | 0.72    | 0.11    | 53     | 0.03    | 0.020  |
| SL12004 | Soil    |      |     | 5.19    | 27.35   | 10.58   | 42.9    | 1578    | 13.5    | 2.7     | 73      | 2.30    | 14.6    | 1.4    | 4.8     | 1.3     | 23.4    | 0.06    | 1.12    | 0.15    | 55     | 0.03    | 0.025  |
| SL12005 | Soil    |      |     | 6.24    | 23.57   | 28.37   | 79.3    | 917     | 19.8    | 2.4     | 84      | 2.39    | 15.6    | 0.7    | 2.3     | 0.1     | 40.6    | 0.10    | 1.27    | 0.20    | 90     | 0.03    | 0.061  |

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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|------|------|------|------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  | ppm  |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |
| LB12001 | Soil    | 11.1 | 36.3 | 0.41 | 420.6 | 0.032 | 3    | 1.94 | 0.003  | 0.07 | 0.2  | 3.5  | 0.32 | 0.05 | 61   | 1.6  | 0.09 | 5.9  |
| LB12002 | Soil    | 5.5  | 31.9 | 0.16 | 533.8 | 0.015 | 3    | 0.96 | 0.005  | 0.18 | 0.2  | 3.5  | 0.30 | 0.42 | 145  | 6.1  | 0.34 | 4.2  |
| LB12003 | Soil    | 8.9  | 42.7 | 0.41 | 313.1 | 0.044 | 3    | 2.27 | <0.001 | 0.07 | 0.2  | 4.0  | 0.34 | 0.03 | 64   | 1.0  | 0.13 | 7.6  |
| LB12004 | Soil    | 12.0 | 37.7 | 0.28 | 332.4 | 0.035 | 3    | 2.07 | <0.001 | 0.05 | 0.2  | 3.8  | 0.29 | 0.02 | 53   | 1.1  | 0.10 | 7.9  |
| LB12005 | Soil    | 6.4  | 45.3 | 0.20 | 1740  | 0.005 | 3    | 1.10 | 0.002  | 0.07 | 0.1  | 2.9  | 0.38 | 0.06 | 154  | 2.6  | 0.07 | 3.9  |
| LB12006 | Soil    | 9.4  | 87.7 | 0.23 | 1229  | 0.011 | 4    | 1.22 | 0.004  | 0.14 | 0.2  | 5.9  | 0.89 | 0.23 | 180  | 6.5  | 0.17 | 4.5  |
| LB12007 | Soil    | 5.4  | 43.2 | 0.16 | 557.0 | 0.008 | 4    | 0.90 | 0.003  | 0.13 | 0.2  | 5.8  | 2.12 | 0.41 | 196  | 8.5  | 0.16 | 3.2  |
| LB12008 | Soil    | 2.0  | 8.4  | 0.02 | 403.6 | 0.001 | 4    | 0.33 | 0.006  | 0.16 | 0.1  | 1.2  | 3.69 | 0.48 | 53   | 3.6  | 0.10 | 1.4  |
| LB12009 | Soil    | 5.1  | 25.7 | 0.19 | 384.0 | 0.010 | 5    | 0.96 | 0.014  | 0.17 | 0.2  | 4.0  | 0.27 | 0.46 | 397  | 4.4  | 0.48 | 3.6  |
| LB12010 | Soil    | 6.1  | 33.9 | 0.20 | 435.3 | 0.016 | 3    | 1.49 | 0.010  | 0.16 | 0.2  | 3.2  | 0.37 | 0.35 | 133  | 2.6  | 0.26 | 6.1  |
| LB12011 | Soil    | 3.4  | 42.5 | 0.05 | 170.9 | 0.005 | 7    | 0.41 | 0.023  | 0.17 | 0.1  | 2.3  | 0.35 | 0.64 | 437  | 12.9 | 0.25 | 2.7  |
| LB12012 | Soil    | 5.9  | 29.5 | 0.07 | 229.9 | 0.022 | 2    | 0.80 | 0.004  | 0.07 | 0.1  | 1.1  | 0.40 | 0.16 | 36   | 2.9  | 0.16 | 6.6  |
| LB12013 | Soil    | 1.6  | 18.9 | 0.03 | 358.4 | 0.006 | 3    | 0.57 | 0.003  | 0.14 | <0.1 | 0.6  | 0.21 | 0.32 | 43   | 56.7 | 0.38 | 4.1  |
| LB12014 | Soil    | 7.2  | 60.3 | 0.24 | 204.8 | 0.016 | 3    | 2.20 | <0.001 | 0.05 | 0.1  | 3.5  | 0.40 | 0.04 | 112  | 3.3  | 0.17 | 9.3  |
| LB12015 | Soil    | 1.3  | 19.6 | 0.02 | 239.1 | 0.003 | 5    | 0.26 | 0.012  | 0.16 | <0.1 | 1.0  | 0.23 | 0.46 | 35   | 5.8  | 0.09 | 1.7  |
| LB12016 | Soil    | 8.6  | 36.7 | 0.31 | 257.2 | 0.019 | 3    | 1.50 | 0.003  | 0.07 | 0.2  | 2.7  | 0.24 | 0.04 | 44   | 2.4  | 0.06 | 5.6  |
| LB12017 | Soil    | 6.7  | 41.0 | 0.20 | 204.1 | 0.013 | 5    | 1.23 | 0.030  | 0.27 | 0.2  | 3.3  | 0.66 | 0.84 | 134  | 7.3  | 0.17 | 4.1  |
| LB12018 | Soil    | 3.1  | 63.6 | 0.09 | 126.3 | 0.004 | 8    | 0.95 | 0.020  | 0.28 | 0.1  | 6.8  | 0.45 | 0.93 | 262  | 13.1 | 0.30 | 3.3  |
| LB12019 | Soil    | 3.9  | 25.6 | 0.03 | 2260  | 0.004 | 11   | 0.68 | 0.004  | 0.12 | 0.1  | 3.1  | 0.79 | 0.12 | 120  | 18.2 | 0.12 | 2.3  |
| LB12020 | Soil    | 3.1  | 24.8 | 0.08 | 599.5 | 0.008 | 5    | 1.05 | 0.009  | 0.18 | 0.1  | 1.6  | 0.23 | 0.43 | 61   | 2.3  | 0.13 | 5.3  |
| LB12021 | Soil    | 4.5  | 20.3 | 0.05 | 650.9 | 0.013 | 4    | 0.68 | 0.001  | 0.06 | 0.1  | 1.1  | 0.16 | 0.07 | 64   | 2.9  | 0.23 | 4.6  |
| LB12022 | Soil    | 1.6  | 29.3 | 0.01 | 128.8 | 0.001 | 9    | 0.18 | 0.022  | 0.37 | <0.1 | 4.8  | 0.53 | 1.13 | 453  | 11.4 | 0.23 | 2.2  |
| LB12023 | Soil    | 1.8  | 31.0 | 0.02 | 75.0  | 0.002 | 10   | 0.33 | 0.034  | 0.23 | <0.1 | 2.1  | 0.26 | 1.07 | 152  | 9.5  | 0.18 | 1.7  |
| LB12024 | Soil    | 2.2  | 25.5 | 0.03 | 735.2 | 0.003 | 4    | 0.53 | 0.003  | 0.08 | <0.1 | 1.1  | 0.15 | 0.18 | 154  | 4.3  | 0.09 | 2.9  |
| LB12025 | Soil    | 0.8  | 88.3 | 1.74 | 3331  | 0.002 | 3    | 0.18 | 0.009  | 0.01 | 0.2  | 4.0  | 0.06 | 0.09 | 336  | 6.4  | 0.03 | 1.0  |
| SL12001 | Soil    | 9.4  | 41.2 | 0.33 | 469.0 | 0.026 | 3    | 1.27 | 0.003  | 0.07 | 0.2  | 3.2  | 0.21 | 0.09 | 81   | 2.7  | 0.08 | 4.6  |
| SL12002 | Soil    | 6.3  | 40.6 | 0.07 | 390.1 | 0.009 | 5    | 1.00 | <0.001 | 0.07 | 0.1  | 1.4  | 0.36 | 0.09 | 74   | 7.4  | 0.26 | 5.5  |
| SL12003 | Soil    | 4.3  | 23.6 | 0.13 | 248.0 | 0.010 | 4    | 0.59 | 0.002  | 0.06 | <0.1 | 1.5  | 0.12 | 0.05 | 113  | 2.5  | 0.08 | 2.7  |
| SL12004 | Soil    | 5.2  | 31.6 | 0.16 | 320.7 | 0.019 | 3    | 0.57 | 0.006  | 0.11 | <0.1 | 2.9  | 0.23 | 0.28 | 186  | 6.1  | 0.12 | 2.7  |
| SL12005 | Soil    | 4.7  | 36.4 | 0.08 | 545.9 | 0.008 | 4    | 0.67 | 0.003  | 0.11 | 0.1  | 1.1  | 0.22 | 0.25 | 74   | 3.6  | 0.19 | 4.3  |

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# CERTIFICATE OF ANALYSIS

# DAW12000161.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd   | Sb   | Bi   | V    | Ca   | P     |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm   | ppm  | ppm  | ppm  | ppm  | %    | %     |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5   | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |
| SL12006 | Soil    | 15.64 | 54.29 | 6.08  | 376.3 | 6963 | 99.5  | 3.2  | 84   | 1.06 | 13.3 | 5.8  | 4.0  | 0.5  | 297.3 | 7.54 | 3.88 | 0.07 | 139  | 2.45 | 0.188 |
| SL12007 | Soil    | 14.54 | 70.06 | 11.98 | 376.7 | 7489 | 125.4 | 3.8  | 57   | 1.46 | 14.0 | 7.5  | 9.8  | 0.6  | 564.6 | 1.94 | 3.45 | 0.09 | 100  | 3.23 | 0.357 |
| SL12008 | Soil    | 9.39  | 44.25 | 9.79  | 150.8 | 1713 | 65.0  | 7.3  | 176  | 2.22 | 10.8 | 1.6  | 4.3  | 0.6  | 168.6 | 0.85 | 1.15 | 0.09 | 47   | 2.05 | 0.104 |
| SL12009 | Soil    | 10.11 | 32.96 | 13.01 | 150.2 | 584  | 62.1  | 8.4  | 233  | 3.53 | 12.8 | 1.6  | 4.9  | 1.6  | 29.4  | 0.25 | 1.30 | 0.13 | 96   | 0.06 | 0.061 |
| SL12010 | Soil    | 6.07  | 50.14 | 10.11 | 168.4 | 2808 | 59.7  | 5.1  | 53   | 1.75 | 6.0  | 3.8  | 3.7  | 0.8  | 340.2 | 1.12 | 1.20 | 0.12 | 52   | 1.42 | 0.175 |
| SL12011 | Soil    | 5.18  | 28.36 | 10.30 | 139.0 | 176  | 43.0  | 4.7  | 118  | 2.39 | 10.3 | 1.3  | 3.4  | 0.2  | 27.5  | 0.23 | 0.93 | 0.13 | 70   | 0.14 | 0.081 |
| SL12012 | Soil    | 2.54  | 14.11 | 9.83  | 83.8  | 1021 | 31.6  | 5.7  | 159  | 2.41 | 9.5  | 2.3  | 2.0  | 0.9  | 84.9  | 0.30 | 0.83 | 0.15 | 101  | 1.23 | 0.055 |
| SL12013 | Soil    | 5.89  | 33.22 | 10.81 | 215.0 | 3732 | 92.4  | 7.0  | 72   | 2.29 | 13.1 | 2.9  | 3.9  | 1.4  | 384.6 | 0.41 | 1.78 | 0.14 | 95   | 1.22 | 0.319 |
| SL12014 | Soil    | 2.56  | 30.91 | 8.44  | 156.7 | 1143 | 61.3  | 6.3  | 192  | 1.88 | 8.1  | 2.0  | 2.6  | 0.5  | 207.2 | 0.94 | 0.97 | 0.12 | 75   | 2.12 | 0.096 |
| SL12015 | Soil    | 2.98  | 17.12 | 17.30 | 83.5  | 1199 | 34.8  | 3.0  | 82   | 1.02 | 4.7  | 3.5  | 1.1  | 0.3  | 244.8 | 0.79 | 0.85 | 0.09 | 35   | 2.27 | 0.074 |
| SL12016 | Soil    | 4.89  | 22.78 | 10.35 | 76.8  | 1403 | 34.0  | 2.7  | 33   | 1.33 | 6.3  | 1.5  | 1.6  | <0.1 | 150.0 | 0.86 | 0.80 | 0.16 | 59   | 1.20 | 0.085 |
| SL12017 | Soil    | 4.35  | 24.45 | 10.94 | 177.0 | 963  | 64.5  | 10.4 | 273  | 2.85 | 14.2 | 1.1  | 2.0  | 2.4  | 72.2  | 0.57 | 1.09 | 0.16 | 81   | 0.80 | 0.036 |
| SL12018 | Soil    | 11.10 | 10.59 | 11.03 | 23.5  | 398  | 9.6   | 1.2  | 36   | 0.95 | 3.8  | 0.8  | 1.0  | <0.1 | 81.6  | 0.23 | 0.34 | 0.20 | 34   | 0.05 | 0.032 |
| SL12019 | Soil    | 1.79  | 11.27 | 8.49  | 18.0  | 325  | 5.1   | 0.5  | 15   | 0.50 | 2.0  | 0.5  | 1.1  | 0.3  | 39.2  | 0.05 | 0.44 | 0.19 | 22   | 0.01 | 0.010 |
| SL12020 | Soil    | 6.80  | 7.65  | 7.46  | 64.0  | 147  | 25.6  | 2.0  | 32   | 1.39 | 6.6  | 0.2  | 0.8  | 0.7  | 18.4  | 0.32 | 0.64 | 0.12 | 52   | 0.12 | 0.017 |
| SL12021 | Soil    | 3.07  | 11.36 | 14.68 | 46.2  | 430  | 16.7  | 2.0  | 50   | 1.50 | 5.9  | 0.3  | 1.6  | 0.3  | 48.8  | 0.29 | 0.67 | 0.19 | 60   | 0.14 | 0.033 |
| SL12022 | Soil    | 2.74  | 12.49 | 9.59  | 87.2  | 193  | 26.0  | 5.8  | 338  | 1.98 | 6.2  | 0.4  | 0.6  | 0.4  | 55.4  | 0.38 | 0.57 | 0.14 | 76   | 0.44 | 0.036 |
| SL12023 | Soil    | 6.04  | 24.15 | 14.40 | 120.1 | 214  | 38.0  | 3.0  | 29   | 1.64 | 9.4  | 0.3  | 1.3  | <0.1 | 17.5  | 0.15 | 1.16 | 0.16 | 65   | 0.07 | 0.043 |
| SL12024 | Soil    | 3.83  | 14.86 | 11.05 | 76.6  | 632  | 26.3  | 4.2  | 81   | 2.15 | 9.5  | 0.5  | 0.6  | 1.5  | 52.8  | 0.40 | 0.93 | 0.17 | 97   | 0.36 | 0.025 |
| SL12025 | Soil    | 2.38  | 16.38 | 9.42  | 85.9  | 1014 | 30.1  | 5.8  | 225  | 2.12 | 8.1  | 1.2  | 1.2  | 0.8  | 101.4 | 0.82 | 0.73 | 0.13 | 75   | 1.17 | 0.053 |
| SL12026 | Soil    | 3.98  | 12.91 | 10.28 | 106.4 | 240  | 31.0  | 3.7  | 87   | 2.05 | 7.6  | 0.4  | 0.4  | 1.1  | 60.3  | 0.44 | 0.87 | 0.17 | 93   | 0.50 | 0.023 |
| SL12027 | Soil    | 5.33  | 31.77 | 14.18 | 180.0 | 1958 | 62.8  | 7.5  | 138  | 2.63 | 13.3 | 1.4  | 3.2  | 2.2  | 124.4 | 0.59 | 1.52 | 0.17 | 94   | 0.98 | 0.069 |
| TW12001 | Soil    | 30.20 | 23.16 | 15.88 | 78.2  | 720  | 19.6  | 1.9  | 57   | 3.02 | 21.6 | 1.7  | 2.3  | 0.4  | 104.7 | 0.22 | 4.46 | 0.24 | 175  | 0.04 | 0.047 |
| TW12002 | Soil    | 13.00 | 9.76  | 11.79 | 13.1  | 417  | 4.6   | 0.6  | 18   | 1.91 | 9.6  | 0.4  | 1.2  | 0.5  | 52.1  | 0.07 | 5.27 | 0.13 | 88   | 0.02 | 0.019 |
| TW12003 | Soil    | 21.91 | 33.38 | 15.02 | 39.1  | 690  | 12.9  | 2.0  | 54   | 2.52 | 32.4 | 1.4  | 2.2  | 1.5  | 83.8  | 0.34 | 5.82 | 0.24 | 150  | 0.04 | 0.044 |
| TW12004 | Soil    | 27.18 | 40.37 | 27.96 | 178.7 | 935  | 44.7  | 7.7  | 107  | 5.80 | 39.4 | 0.9  | 4.9  | 0.6  | 99.8  | 0.44 | 4.08 | 0.32 | 127  | 0.02 | 0.077 |
| TW12005 | Soil    | 10.56 | 42.11 | 21.88 | 40.1  | 4757 | 15.4  | 1.2  | 16   | 1.80 | 14.5 | 1.8  | 7.9  | 0.2  | 156.6 | 1.07 | 5.40 | 0.23 | 87   | 0.06 | 0.239 |
| TW12006 | Soil    | 25.68 | 55.15 | 23.20 | 31.8  | 2103 | 18.0  | 0.6  | 8    | 1.56 | 11.1 | 8.0  | 1.4  | <0.1 | 76.7  | 1.35 | 5.83 | 0.19 | 125  | 0.09 | 0.322 |
| TW12007 | Soil    | 10.39 | 46.13 | 27.43 | 74.8  | 5845 | 27.1  | 1.6  | 40   | 2.88 | 32.6 | 4.4  | 5.7  | 0.2  | 191.1 | 1.01 | 5.72 | 0.24 | 115  | 0.27 | 0.665 |
| TW12008 | Soil    | 18.94 | 18.08 | 18.19 | 51.1  | 828  | 17.7  | 1.2  | 25   | 2.05 | 36.6 | 1.0  | 1.8  | 1.0  | 134.9 | 0.47 | 3.61 | 0.19 | 62   | 0.08 | 0.059 |



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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |      |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1  |
| SL12006 | Soil    | 5.1  | 98.0 | 0.12 | 1848  | 0.004  | 12   | 0.52 | 0.004  | 0.03 | 0.2  | 4.3  | 0.50 | 0.13  | 211  | 8.4  | 0.09 | 2.3  |
| SL12007 | Soil    | 5.7  | 88.4 | 0.13 | 1217  | 0.003  | 21   | 0.45 | 0.011  | 0.07 | 0.3  | 4.8  | 0.39 | 0.18  | 469  | 13.5 | 0.12 | 2.6  |
| SL12008 | Soil    | 6.2  | 32.7 | 0.25 | 1407  | 0.010  | 7    | 0.84 | 0.010  | 0.07 | 0.2  | 3.9  | 0.30 | 0.18  | 160  | 3.1  | 0.07 | 2.2  |
| SL12009 | Soil    | 7.3  | 42.6 | 0.25 | 717.1 | 0.017  | 2    | 1.59 | 0.002  | 0.06 | 0.2  | 6.1  | 0.35 | 0.08  | 91   | 2.2  | 0.07 | 4.4  |
| SL12010 | Soil    | 3.7  | 50.5 | 0.07 | 1583  | 0.002  | 8    | 0.76 | 0.005  | 0.08 | <0.1 | 4.7  | 0.32 | 0.22  | 196  | 13.8 | 0.09 | 2.0  |
| SL12011 | Soil    | 8.4  | 34.2 | 0.19 | 549.4 | 0.007  | 2    | 1.32 | <0.001 | 0.04 | 0.1  | 1.4  | 0.23 | 0.03  | 67   | 1.8  | 0.05 | 4.5  |
| SL12012 | Soil    | 8.9  | 47.2 | 0.25 | 1610  | 0.011  | 2    | 1.43 | 0.006  | 0.02 | 0.2  | 4.1  | 0.17 | 0.06  | 58   | 1.5  | 0.05 | 4.1  |
| SL12013 | Soil    | 4.5  | 59.1 | 0.12 | 2601  | 0.004  | 8    | 1.38 | 0.005  | 0.04 | 0.2  | 6.2  | 0.31 | 0.07  | 185  | 3.8  | 0.05 | 3.1  |
| SL12014 | Soil    | 5.5  | 37.7 | 0.16 | 1648  | 0.008  | 4    | 0.82 | 0.005  | 0.03 | <0.1 | 3.5  | 0.11 | 0.10  | 118  | 2.7  | 0.03 | 2.1  |
| SL12015 | Soil    | 3.0  | 34.3 | 0.05 | 1271  | 0.007  | 3    | 0.48 | 0.007  | 0.02 | <0.1 | 2.2  | 0.10 | 0.12  | 98   | 2.9  | 0.04 | 1.2  |
| SL12016 | Soil    | 6.8  | 34.6 | 0.06 | 1170  | 0.008  | 2    | 0.86 | 0.004  | 0.03 | <0.1 | 0.9  | 0.19 | 0.05  | 91   | 4.4  | 0.08 | 4.5  |
| SL12017 | Soil    | 11.2 | 51.3 | 0.39 | 1592  | 0.017  | 3    | 1.82 | 0.010  | 0.05 | 0.1  | 5.4  | 0.23 | 0.03  | 77   | 1.5  | 0.04 | 4.8  |
| SL12018 | Soil    | 5.4  | 18.1 | 0.03 | 470.9 | 0.006  | 2    | 0.69 | 0.009  | 0.07 | <0.1 | 0.4  | 0.25 | 0.16  | 29   | 1.3  | 0.06 | 4.2  |
| SL12019 | Soil    | 0.8  | 12.5 | 0.02 | 1012  | <0.001 | 6    | 0.47 | 0.002  | 0.07 | <0.1 | 1.0  | 0.14 | 0.08  | 51   | 1.4  | 0.07 | 1.3  |
| SL12020 | Soil    | 4.9  | 18.1 | 0.05 | 586.9 | 0.014  | 1    | 0.57 | 0.002  | 0.03 | 0.1  | 1.0  | 0.14 | <0.02 | 13   | 0.3  | 0.05 | 3.3  |
| SL12021 | Soil    | 6.3  | 21.9 | 0.09 | 609.5 | 0.014  | 1    | 0.81 | 0.004  | 0.06 | 0.1  | 1.2  | 0.25 | 0.08  | 25   | 0.7  | 0.04 | 4.7  |
| SL12022 | Soil    | 4.9  | 28.3 | 0.18 | 1756  | 0.010  | 1    | 1.29 | 0.008  | 0.03 | 0.1  | 1.7  | 0.18 | 0.03  | 20   | 0.4  | 0.05 | 5.0  |
| SL12023 | Soil    | 3.9  | 22.8 | 0.04 | 154.1 | 0.005  | 2    | 0.62 | 0.003  | 0.05 | 0.1  | 1.1  | 0.25 | 0.03  | 25   | 1.2  | 0.06 | 4.6  |
| SL12024 | Soil    | 6.8  | 33.5 | 0.16 | 1031  | 0.012  | 1    | 1.41 | 0.005  | 0.02 | 0.1  | 2.3  | 0.24 | 0.02  | 20   | 0.7  | 0.08 | 5.7  |
| SL12025 | Soil    | 8.6  | 38.2 | 0.23 | 3963  | 0.013  | 2    | 1.51 | 0.014  | 0.03 | 0.1  | 3.3  | 0.18 | 0.05  | 58   | 1.1  | 0.04 | 4.7  |
| SL12026 | Soil    | 5.8  | 29.4 | 0.12 | 1782  | 0.010  | <1   | 1.28 | 0.006  | 0.02 | 0.1  | 2.1  | 0.24 | 0.03  | 12   | 0.9  | 0.06 | 5.4  |
| SL12027 | Soil    | 9.1  | 56.6 | 0.29 | 2264  | 0.009  | 4    | 1.49 | 0.007  | 0.05 | 0.1  | 5.8  | 0.30 | 0.06  | 130  | 3.2  | 0.08 | 4.4  |
| TW12001 | Soil    | 2.0  | 10.1 | 0.03 | 216.0 | 0.003  | 4    | 0.54 | 0.015  | 0.19 | 0.1  | 1.1  | 2.37 | 0.53  | 50   | 5.1  | 0.16 | 2.7  |
| TW12002 | Soil    | 1.4  | 9.7  | 0.03 | 330.0 | 0.003  | 4    | 0.46 | 0.033  | 0.11 | <0.1 | 0.8  | 2.55 | 0.30  | 15   | 2.0  | 0.06 | 2.7  |
| TW12003 | Soil    | 5.4  | 24.5 | 0.08 | 353.6 | 0.014  | 1    | 1.05 | 0.023  | 0.10 | <0.1 | 2.5  | 1.29 | 0.24  | 42   | 4.1  | 0.14 | 7.9  |
| TW12004 | Soil    | 2.0  | 21.4 | 0.07 | 101.6 | 0.005  | 4    | 0.75 | 0.117  | 0.30 | <0.1 | 2.0  | 3.83 | 1.03  | 76   | 11.0 | 0.23 | 5.5  |
| TW12005 | Soil    | 4.8  | 20.0 | 0.03 | 704.9 | 0.004  | 3    | 0.67 | 0.030  | 0.13 | <0.1 | 0.9  | 1.28 | 0.29  | 91   | 15.1 | 0.18 | 3.5  |
| TW12006 | Soil    | 4.2  | 30.3 | 0.02 | 587.0 | 0.001  | 3    | 0.62 | 0.006  | 0.10 | <0.1 | 0.3  | 1.28 | 0.27  | 112  | 7.8  | 0.12 | 2.8  |
| TW12007 | Soil    | 5.5  | 29.7 | 0.03 | 662.6 | 0.003  | 4    | 1.03 | 0.020  | 0.15 | <0.1 | 1.5  | 0.71 | 0.31  | 123  | 16.8 | 0.22 | 3.6  |
| TW12008 | Soil    | 3.1  | 13.7 | 0.04 | 353.5 | 0.004  | 4    | 0.31 | 0.049  | 0.19 | <0.1 | 1.7  | 4.24 | 0.53  | 49   | 10.1 | 0.17 | 2.5  |

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 Report Date: August 12, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| TW12009 | Soil    |      |     | 15.74   | 44.88   | 13.31   | 44.3    | 1518    | 24.7    | 1.1     | 23      | 2.00    | 30.0    | 5.8    | 1.6     | 1.4     | 108.2   | 2.45    | 3.46    | 0.20    | 85     | 0.12    | 0.144  |
| TW12010 | Soil    |      |     | 6.91    | 9.01    | 11.34   | 26.9    | 247     | 10.5    | 1.5     | 34      | 1.11    | 7.5     | 0.3    | 1.6     | 1.4     | 6.5     | 0.16    | 1.09    | 0.15    | 85     | 0.03    | 0.012  |
| TW12011 | Soil    |      |     | 7.51    | 8.78    | 9.88    | 17.6    | 201     | 8.1     | 1.2     | 26      | 0.87    | 5.9     | 0.4    | 1.7     | <0.1    | 10.6    | 0.32    | 0.47    | 0.14    | 59     | 0.02    | 0.019  |
| TW12012 | Soil    |      |     | 47.60   | 72.63   | 78.67   | 122.1   | 5155    | 43.1    | 1.4     | 32      | 4.93    | 49.5    | 15.9   | 8.6     | 2.3     | 432.9   | 2.24    | 29.68   | 0.47    | 804    | 0.11    | 0.697  |
| TW12013 | Soil    |      |     | 8.68    | 32.23   | 32.36   | 39.0    | 2375    | 12.7    | 1.3     | 32      | 6.98    | 18.3    | 0.7    | 15.1    | 1.1     | 359.0   | 0.34    | 4.44    | 0.40    | 126    | 0.03    | 0.141  |
| TW12014 | Soil    |      |     | 16.24   | 14.56   | 18.02   | 40.1    | 1065    | 11.8    | 1.7     | 63      | 3.29    | 32.6    | 0.7    | 3.2     | 0.7     | 134.5   | 0.18    | 3.71    | 0.21    | 93     | 0.04    | 0.062  |
| TW12015 | Soil    |      |     | 17.07   | 25.57   | 13.93   | 101.2   | 289     | 29.3    | 6.2     | 199     | 4.43    | 25.7    | 0.8    | 3.2     | 2.5     | 14.5    | 0.22    | 1.89    | 0.26    | 178    | 0.05    | 0.039  |
| TW12016 | Soil    |      |     | 15.64   | 12.49   | 11.55   | 64.3    | 262     | 20.2    | 4.4     | 138     | 3.65    | 17.8    | 0.8    | 0.9     | 2.2     | 12.1    | 0.22    | 1.46    | 0.23    | 144    | 0.04    | 0.029  |
| TW12017 | Soil    |      |     | 10.42   | 18.34   | 10.91   | 57.3    | 322     | 21.4    | 5.2     | 165     | 2.84    | 16.9    | 1.2    | 2.6     | 2.2     | 18.7    | 0.23    | 4.41    | 0.18    | 209    | 0.06    | 0.051  |
| TW12018 | Soil    |      |     | 6.14    | 11.42   | 18.17   | 21.6    | 1586    | 8.3     | 1.4     | 41      | 2.11    | 9.6     | 0.6    | 1.9     | 1.4     | 20.5    | 0.07    | 0.67    | 0.27    | 101    | 0.02    | 0.018  |
| TW12019 | Soil    |      |     | 10.37   | 34.48   | 15.15   | 7.4     | 3124    | 5.2     | 0.5     | 13      | 1.36    | 0.4     | 1.1    | 8.6     | 0.8     | 20.9    | 0.03    | 0.60    | 0.25    | 46     | <0.01   | 0.012  |
| TW12020 | Soil    |      |     | 12.49   | 19.06   | 14.98   | 26.6    | 2843    | 10.3    | 1.2     | 36      | 1.86    | 14.5    | 2.1    | 7.2     | 1.7     | 63.1    | 0.11    | 1.44    | 0.20    | 44     | 0.02    | 0.023  |
| TW12021 | Soil    |      |     | 24.82   | 43.34   | 27.82   | 17.8    | 2654    | 6.1     | 8.5     | 25      | 7.43    | 123.2   | 1.9    | 7.3     | 1.4     | 119.6   | 0.06    | 2.82    | 0.39    | 178    | 0.19    | 0.100  |
| TW12022 | Soil    |      |     | 4.80    | 28.57   | 21.02   | 46.1    | 2361    | 15.1    | 2.6     | 97      | 2.69    | 12.3    | 1.0    | 6.4     | 1.6     | 29.1    | 0.15    | 1.22    | 0.35    | 86     | 0.03    | 0.036  |
| TW12023 | Soil    |      |     | 9.29    | 57.58   | 23.93   | 45.8    | 1864    | 15.6    | 1.1     | 29      | 2.39    | 13.9    | 4.4    | 8.9     | 0.8     | 147.4   | 1.01    | 1.69    | 0.39    | 74     | 0.25    | 0.131  |
| TW12024 | Soil    |      |     | 19.03   | 153.9   | 9.12    | 111.0   | 2830    | 76.8    | 2.2     | 37      | 2.31    | 25.9    | 7.9    | 3.8     | 1.0     | 66.1    | 0.38    | 2.75    | 0.18    | 149    | 0.25    | 0.044  |
| TW12025 | Soil    |      |     | 10.28   | 13.67   | 14.19   | 36.4    | 1233    | 10.1    | 2.1     | 75      | 3.26    | 22.1    | 1.0    | 3.5     | 1.5     | 10.3    | 0.10    | 1.52    | 0.40    | 148    | 0.03    | 0.030  |
| TW12026 | Soil    |      |     | 6.94    | 20.86   | 16.46   | 30.1    | 1830    | 9.1     | 1.8     | 50      | 2.29    | 19.4    | 1.0    | 2.4     | 1.5     | 25.8    | 0.06    | 1.36    | 0.28    | 74     | 0.19    | 0.019  |
| TW12027 | Soil    |      |     | 8.93    | 17.03   | 10.83   | 30.4    | 3790    | 10.7    | 2.5     | 67      | 3.04    | 28.4    | 1.8    | 8.1     | 2.0     | 7.6     | 0.05    | 1.91    | 0.38    | 111    | 0.02    | 0.025  |
| TW12028 | Soil    |      |     | 5.72    | 48.26   | 21.34   | 65.0    | 3014    | 21.4    | 3.7     | 102     | 3.70    | 15.4    | 1.2    | 11.4    | 2.3     | 21.1    | 0.14    | 1.73    | 0.35    | 128    | 0.03    | 0.049  |
| TW12029 | Soil    |      |     | 5.71    | 29.81   | 21.08   | 50.6    | 2056    | 14.0    | 2.9     | 75      | 4.06    | 18.7    | 1.2    | 7.5     | 1.2     | 110.6   | 0.19    | 2.45    | 0.37    | 95     | 0.30    | 0.130  |
| TW12030 | Soil    |      |     | 3.23    | 20.26   | 14.12   | 22.7    | 1799    | 6.2     | 1.7     | 35      | 1.43    | 10.1    | 0.5    | 1.1     | 1.1     | 12.6    | 0.13    | 0.59    | 0.26    | 54     | 0.03    | 0.019  |
| TW12031 | Soil    |      |     | 5.12    | 10.52   | 10.01   | 22.9    | 1663    | 5.4     | 1.2     | 36      | 1.20    | 8.2     | 0.4    | 2.3     | 0.4     | 10.0    | 0.10    | 0.84    | 0.21    | 77     | 0.03    | 0.021  |
| TW12032 | Soil    |      |     | 6.59    | 22.35   | 12.65   | 83.6    | 1134    | 23.7    | 6.0     | 144     | 3.38    | 18.8    | 0.8    | 1.6     | 3.0     | 21.0    | 0.16    | 1.77    | 0.27    | 110    | 0.03    | 0.030  |
| TW12033 | Soil    |      |     | 4.80    | 11.23   | 11.15   | 44.8    | 261     | 12.3    | 3.5     | 118     | 2.28    | 11.8    | 0.5    | 0.6     | 2.2     | 7.2     | 0.13    | 1.25    | 0.23    | 91     | 0.03    | 0.017  |
| TW12034 | Soil    |      |     | 4.03    | 14.10   | 10.84   | 18.1    | 823     | 4.0     | 1.1     | 41      | 1.73    | 11.3    | 1.0    | 2.4     | 0.9     | 17.8    | 0.05    | 0.85    | 0.22    | 72     | 0.01    | 0.013  |
| TW12035 | Soil    |      |     | 7.53    | 62.45   | 12.27   | 152.1   | 2116    | 20.8    | 8.6     | 51      | 6.51    | 77.2    | 3.1    | 12.2    | 1.2     | 262.3   | 0.02    | 3.48    | 0.24    | 199    | 0.19    | 0.071  |
| TW12036 | Soil    |      |     | 7.10    | 35.31   | 8.72    | 25.6    | 1813    | 6.9     | 0.7     | 18      | 1.81    | 20.1    | 1.8    | 6.0     | 0.5     | 31.8    | 0.02    | 1.21    | 0.19    | 65     | 0.19    | 0.019  |
| TW12037 | Soil    |      |     | 5.37    | 44.09   | 9.54    | 47.7    | 1201    | 18.0    | 4.9     | 127     | 2.03    | 13.2    | 1.1    | 5.1     | 1.9     | 26.5    | 0.29    | 1.58    | 0.18    | 70     | 0.04    | 0.018  |
| TW12038 | Soil    |      |     | 6.44    | 33.02   | 10.43   | 50.0    | 2182    | 19.2    | 2.3     | 66      | 1.80    | 12.6    | 2.5    | 7.4     | 1.5     | 39.6    | 0.49    | 1.95    | 0.21    | 72     | 0.20    | 0.036  |



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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| TW12009 | Soil    | 3.8  | 13.1 | 0.03 | 431.2 | <0.001 | 4    | 0.44 | 0.034  | 0.12 | <0.1 | 5.5  | 2.77 | 0.38  | 101  | 6.0  | 0.19 | 1.3 |
| TW12010 | Soil    | 9.8  | 13.3 | 0.03 | 114.7 | 0.027  | <1   | 0.70 | 0.006  | 0.03 | <0.1 | 0.9  | 0.68 | 0.03  | 21   | 0.8  | 0.06 | 5.9 |
| TW12011 | Soil    | 5.3  | 12.0 | 0.02 | 125.0 | 0.013  | <1   | 0.46 | 0.007  | 0.06 | <0.1 | 0.5  | 0.76 | 0.08  | 19   | 0.3  | 0.04 | 3.7 |
| TW12012 | Soil    | 5.5  | 54.1 | 0.07 | 174.9 | 0.003  | 3    | 1.97 | 0.002  | 0.23 | 0.3  | 7.5  | 2.93 | 0.67  | 175  | 25.4 | 0.46 | 4.8 |
| TW12013 | Soil    | 3.4  | 31.3 | 0.04 | 50.9  | 0.011  | <1   | 0.90 | 0.019  | 0.30 | 0.1  | 2.7  | 0.55 | 1.12  | 152  | 6.2  | 0.50 | 5.1 |
| TW12014 | Soil    | 4.3  | 17.5 | 0.06 | 376.6 | 0.010  | <1   | 0.98 | 0.057  | 0.14 | <0.1 | 1.2  | 4.37 | 0.48  | 66   | 5.5  | 0.13 | 5.1 |
| TW12015 | Soil    | 7.0  | 40.3 | 0.29 | 353.6 | 0.021  | 1    | 2.35 | 0.006  | 0.09 | 0.2  | 3.0  | 1.16 | 0.11  | 32   | 3.1  | 0.18 | 8.7 |
| TW12016 | Soil    | 6.6  | 29.6 | 0.19 | 199.4 | 0.018  | <1   | 1.61 | 0.003  | 0.07 | 0.1  | 2.3  | 0.94 | 0.07  | 31   | 1.6  | 0.09 | 7.4 |
| TW12017 | Soil    | 9.3  | 40.2 | 0.27 | 293.2 | 0.018  | <1   | 1.78 | 0.002  | 0.05 | 0.1  | 3.0  | 0.40 | 0.03  | 23   | 2.0  | 0.08 | 6.5 |
| TW12018 | Soil    | 5.0  | 28.6 | 0.07 | 190.3 | 0.015  | 1    | 0.90 | 0.003  | 0.11 | <0.1 | 1.6  | 0.25 | 0.20  | 53   | 4.7  | 0.13 | 5.8 |
| TW12019 | Soil    | 1.8  | 21.3 | 0.03 | 369.8 | 0.004  | 4    | 0.40 | 0.002  | 0.14 | 0.1  | 2.0  | 0.22 | 0.30  | 316  | 27.8 | 0.18 | 2.0 |
| TW12020 | Soil    | 3.9  | 23.7 | 0.08 | 473.8 | 0.004  | 4    | 0.63 | 0.005  | 0.14 | <0.1 | 1.7  | 0.25 | 0.31  | 217  | 24.0 | 0.31 | 2.2 |
| TW12021 | Soil    | 2.6  | 52.6 | 0.03 | 176.9 | 0.012  | <1   | 0.43 | 0.004  | 0.33 | 0.2  | 3.0  | 0.83 | 0.70  | 252  | 20.4 | 0.29 | 5.6 |
| TW12022 | Soil    | 5.4  | 36.1 | 0.12 | 211.8 | 0.013  | 3    | 1.15 | 0.003  | 0.08 | 0.1  | 2.3  | 0.20 | 0.08  | 166  | 5.0  | 0.15 | 4.6 |
| TW12023 | Soil    | 3.3  | 42.3 | 0.04 | 330.6 | 0.004  | 5    | 0.64 | 0.009  | 0.22 | 0.2  | 4.1  | 0.43 | 0.58  | 127  | 5.9  | 0.32 | 3.5 |
| TW12024 | Soil    | 2.2  | 76.1 | 0.03 | 124.0 | 0.002  | 9    | 0.45 | 0.015  | 0.18 | 0.2  | 4.3  | 0.24 | 0.57  | 274  | 17.3 | 0.17 | 2.7 |
| TW12025 | Soil    | 5.9  | 34.9 | 0.09 | 219.1 | 0.018  | 2    | 0.95 | 0.002  | 0.08 | 0.2  | 1.2  | 0.23 | 0.13  | 36   | 4.4  | 0.24 | 6.6 |
| TW12026 | Soil    | 3.0  | 43.6 | 0.10 | 354.3 | 0.006  | 4    | 0.94 | 0.004  | 0.15 | <0.1 | 2.3  | 0.37 | 0.31  | 38   | 11.1 | 0.12 | 4.9 |
| TW12027 | Soil    | 5.6  | 44.2 | 0.16 | 193.1 | 0.007  | 4    | 1.38 | <0.001 | 0.07 | 0.1  | 2.3  | 0.28 | 0.07  | 396  | 4.7  | 0.17 | 5.8 |
| TW12028 | Soil    | 6.3  | 41.9 | 0.14 | 736.4 | 0.010  | 2    | 1.97 | 0.006  | 0.09 | 0.1  | 3.0  | 0.19 | 0.14  | 207  | 2.5  | 0.18 | 6.3 |
| TW12029 | Soil    | 3.7  | 25.4 | 0.07 | 180.2 | 0.008  | 1    | 1.08 | 0.051  | 0.23 | 0.2  | 3.2  | 0.32 | 0.84  | 113  | 4.1  | 0.44 | 4.7 |
| TW12030 | Soil    | 5.4  | 13.8 | 0.03 | 404.0 | 0.015  | <1   | 0.57 | 0.011  | 0.10 | <0.1 | 0.8  | 0.16 | 0.15  | 55   | 2.0  | 0.12 | 4.4 |
| TW12031 | Soil    | 4.5  | 12.0 | 0.03 | 204.6 | 0.011  | 2    | 0.49 | 0.005  | 0.06 | <0.1 | 0.5  | 0.15 | 0.09  | 42   | 1.1  | 0.09 | 4.2 |
| TW12032 | Soil    | 7.0  | 40.5 | 0.29 | 330.6 | 0.011  | 1    | 2.25 | <0.001 | 0.07 | 0.1  | 3.3  | 0.29 | 0.05  | 36   | 2.9  | 0.07 | 6.2 |
| TW12033 | Soil    | 8.3  | 22.0 | 0.16 | 154.8 | 0.014  | <1   | 1.32 | <0.001 | 0.04 | 0.1  | 1.5  | 0.23 | <0.02 | 12   | 1.2  | 0.08 | 5.5 |
| TW12034 | Soil    | 3.3  | 21.4 | 0.08 | 616.0 | 0.005  | 2    | 0.73 | 0.005  | 0.09 | <0.1 | 1.0  | 0.14 | 0.18  | 45   | 2.3  | 0.08 | 3.2 |
| TW12035 | Soil    | 2.5  | 83.7 | 0.02 | 134.5 | 0.003  | 5    | 0.25 | 0.046  | 0.26 | <0.1 | 3.8  | 0.42 | 1.00  | 184  | 18.0 | 1.34 | 6.8 |
| TW12036 | Soil    | 1.5  | 33.3 | 0.02 | 275.3 | 0.003  | 5    | 0.44 | 0.008  | 0.15 | <0.1 | 1.4  | 0.21 | 0.41  | 70   | 14.5 | 0.14 | 3.2 |
| TW12037 | Soil    | 5.3  | 33.7 | 0.22 | 448.4 | 0.009  | 2    | 0.96 | 0.006  | 0.11 | 0.1  | 2.7  | 0.23 | 0.24  | 57   | 7.4  | 0.11 | 3.3 |
| TW12038 | Soil    | 6.3  | 28.2 | 0.18 | 1113  | 0.008  | 3    | 0.73 | 0.003  | 0.06 | <0.1 | 2.5  | 0.16 | 0.06  | 263  | 4.6  | 0.11 | 2.7 |

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 Report Date: August 12, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method      | Analyte | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
| Unit        | MDL     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
| TW12039     | Soil    | 9.07    | 45.34   | 10.73   | 133.7   | 1134    | 43.0    | 7.8     | 301     | 3.55    | 21.5    | 3.3    | 3.8     | 2.5     | 64.8    | 0.31    | 2.53    | 0.19    | 122    | 0.08    | 0.050  |
| TW12040     | Soil    | 6.49    | 32.28   | 11.04   | 38.5    | 1695    | 14.3    | 1.3     | 31      | 1.44    | 13.7    | 2.7    | 3.9     | 1.6     | 47.0    | 0.20    | 1.19    | 0.19    | 76     | 0.07    | 0.027  |
| TW12041     | Soil    | 5.16    | 13.41   | 9.28    | 47.7    | 1997    | 12.0    | 3.2     | 72      | 2.39    | 14.2    | 0.7    | 1.9     | 1.6     | 14.2    | 0.17    | 1.38    | 0.20    | 80     | 0.04    | 0.017  |
| TW12042     | Soil    | 5.35    | 19.41   | 9.43    | 57.8    | 669     | 17.3    | 3.8     | 82      | 1.81    | 11.0    | 0.8    | 2.3     | 1.8     | 15.4    | 0.22    | 1.89    | 0.16    | 91     | 0.04    | 0.019  |
| TW12043     | Soil    | 14.56   | 175.6   | 10.23   | 73.0    | 3296    | 14.1    | 9.9     | 94      | 12.69   | 29.3    | 2.4    | 10.1    | 1.4     | 13.0    | 0.19    | 2.79    | 0.36    | 224    | 0.11    | 0.051  |
| TW12044     | Soil    | 2.55    | 10.25   | 11.60   | 20.4    | 1737    | 6.3     | 1.4     | 32      | 1.09    | 5.4     | 0.6    | 4.2     | 1.5     | 15.1    | 0.05    | 0.70    | 0.20    | 60     | 0.01    | 0.016  |
| TW12045     | Soil    | 8.17    | 14.03   | 23.99   | 30.1    | 5108    | 7.1     | 1.3     | 33      | 3.44    | 12.6    | 1.4    | 3.2     | 1.4     | 41.0    | 0.08    | 2.21    | 0.47    | 150    | 0.22    | 0.041  |
| TW12046     | Soil    | 5.36    | 20.40   | 16.88   | 75.4    | 1441    | 17.8    | 3.1     | 110     | 2.95    | 13.4    | 0.6    | 2.5     | 1.8     | 30.3    | 0.42    | 1.25    | 0.35    | 104    | 0.09    | 0.042  |
| TW12047     | Soil    | 20.54   | 19.61   | 18.69   | 75.8    | 2073    | 13.8    | 1.2     | 46      | 1.01    | 6.1     | 2.0    | 1.0     | 0.1     | 66.8    | 0.87    | 8.70    | 0.18    | 177    | 0.12    | 0.071  |
| TW12048     | Soil    | 2.88    | 9.89    | 8.16    | 23.0    | 950     | 5.4     | 0.9     | 26      | 0.49    | 2.4     | 0.8    | 1.6     | 0.1     | 9.4     | 0.18    | 0.36    | 0.13    | 34     | 0.03    | 0.020  |
| TW12049     | Soil    | 5.80    | 11.79   | 11.65   | 45.9    | 344     | 8.6     | 2.6     | 75      | 2.27    | 14.5    | 0.5    | 1.4     | 2.1     | 11.4    | 0.09    | 1.25    | 0.26    | 102    | 0.04    | 0.020  |
| TW12050     | Soil    | 5.45    | 11.15   | 9.97    | 31.1    | 583     | 7.4     | 1.6     | 48      | 2.33    | 14.6    | 0.6    | 1.2     | 1.3     | 13.1    | 0.06    | 1.14    | 0.29    | 108    | 0.02    | 0.022  |
| TW12051     | Soil    | 6.95    | 15.10   | 11.73   | 40.1    | 2718    | 8.2     | 1.8     | 44      | 2.79    | 14.4    | 0.9    | 5.1     | 1.6     | 19.6    | 0.05    | 1.36    | 0.38    | 89     | 0.02    | 0.027  |
| TW12052     | Soil    | 54.67   | 32.85   | 12.76   | 53.5    | 7229    | 24.9    | 1.7     | 35      | 4.01    | 62.5    | 3.4    | 10.2    | 0.9     | 73.7    | 0.12    | 4.95    | 0.23    | 148    | 0.21    | 0.067  |
| TW12053     | Soil    | 22.94   | 47.19   | 6.49    | 860.8   | 9613    | 281.7   | 7.9     | 130     | 2.10    | 16.7    | 9.2    | 3.3     | 0.6     | 705.5   | 2.56    | 5.67    | 0.09    | 297    | 10.83   | 0.640  |
| GP 2012 001 | Soil    | 2.75    | 26.35   | 13.89   | 78.6    | 163     | 38.7    | 10.4    | 227     | 2.58    | 11.0    | 0.7    | 4.2     | 4.1     | 11.6    | 0.43    | 1.29    | 0.16    | 62     | 0.09    | 0.017  |
| GP 2012 002 | Soil    | 3.72    | 19.12   | 20.16   | 63.7    | 66      | 25.1    | 8.4     | 229     | 3.28    | 13.3    | 0.7    | 3.4     | 3.8     | 11.7    | 0.34    | 1.27    | 0.28    | 83     | 0.08    | 0.030  |
| GP 2012 003 | Soil    | 2.72    | 24.66   | 18.18   | 78.0    | 128     | 25.0    | 8.7     | 272     | 3.10    | 11.2    | 0.5    | 0.8     | 1.6     | 14.1    | 0.29    | 1.02    | 0.23    | 62     | 0.10    | 0.059  |
| GP 2012 004 | Soil    | 2.96    | 32.25   | 15.85   | 89.1    | 179     | 35.2    | 9.3     | 235     | 3.13    | 10.2    | 0.5    | 9.3     | 1.8     | 14.9    | 0.44    | 1.25    | 0.28    | 54     | 0.10    | 0.035  |
| GP 2012 005 | Soil    | 2.59    | 22.41   | 11.98   | 84.3    | 203     | 30.7    | 8.2     | 258     | 2.68    | 9.7     | 0.5    | 10.1    | 2.3     | 16.6    | 0.36    | 1.07    | 0.21    | 57     | 0.14    | 0.040  |
| GP 2012 006 | Soil    | 2.79    | 32.75   | 12.28   | 87.7    | 349     | 35.2    | 10.4    | 324     | 2.49    | 9.0     | 0.9    | 5.2     | 2.2     | 18.8    | 0.41    | 1.12    | 0.18    | 46     | 0.13    | 0.054  |
| GP 2012 007 | Soil    | 1.21    | 20.86   | 10.62   | 45.6    | 449     | 21.5    | 3.3     | 55      | 1.60    | 6.5     | 0.7    | 3.6     | 1.0     | 15.5    | 0.33    | 0.52    | 0.17    | 33     | 0.14    | 0.052  |
| GP 2012 008 | Soil    | 2.24    | 26.20   | 10.61   | 56.4    | 453     | 26.5    | 3.3     | 57      | 1.72    | 6.8     | 0.8    | 4.8     | 0.9     | 15.6    | 0.41    | 0.78    | 0.18    | 40     | 0.11    | 0.054  |
| GP 2012 009 | Soil    | 3.39    | 22.28   | 8.37    | 76.2    | 155     | 26.5    | 8.7     | 245     | 2.57    | 12.1    | 0.9    | 4.3     | 2.7     | 18.3    | 0.39    | 1.44    | 0.16    | 73     | 0.14    | 0.054  |
| GP 2012 010 | Soil    | 11.60   | 10.90   | 12.53   | 65.5    | 215     | 12.4    | 3.6     | 139     | 2.82    | 18.1    | 0.6    | 6.6     | 1.5     | 29.4    | 0.29    | 2.78    | 0.24    | 80     | 0.05    | 0.032  |
| GP 2012 011 | Soil    | 18.76   | 17.43   | 12.45   | 117.9   | 276     | 28.7    | 4.9     | 128     | 3.32    | 23.9    | 2.1    | 1.8     | 1.9     | 92.6    | 0.63    | 4.92    | 0.24    | 176    | 0.04    | 0.051  |
| GP 2012 012 | Soil    | 13.56   | 31.41   | 14.69   | 171.9   | 2111    | 31.7    | 4.0     | 78      | 3.01    | 16.7    | 3.6    | 8.1     | 1.2     | 154.6   | 1.25    | 5.22    | 0.27    | 190    | 0.21    | 0.243  |
| GP 2012 013 | Soil    | 2.64    | 40.99   | 23.93   | 85.8    | 134     | 34.1    | 11.9    | 228     | 3.72    | 11.6    | 0.4    | 2.6     | 1.7     | 8.2     | 0.22    | 1.34    | 0.26    | 57     | 0.09    | 0.076  |
| GP 2012 014 | Soil    | 4.45    | 34.38   | 45.18   | 54.6    | 421     | 18.6    | 5.0     | 119     | 2.69    | 13.5    | 0.4    | 2.6     | 1.3     | 15.0    | 0.23    | 0.92    | 0.16    | 31     | 0.08    | 0.047  |
| GP 2012 015 | Soil    | 2.61    | 57.28   | 15.51   | 87.9    | 36      | 66.0    | 20.1    | 241     | 3.85    | 7.5     | 0.2    | 1.6     | 1.5     | 7.9     | 0.12    | 1.07    | 0.29    | 47     | 0.14    | 0.020  |



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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method      | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|-------------|---------|------|-------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|             |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit        |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL         |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| TW12039     | Soil    | 6.2  | 64.9  | 0.22 | 871.0 | 0.006  | 4    | 1.45 | 0.006  | 0.12 | 0.1  | 4.0  | 0.26 | 0.28  | 160  | 18.5 | 0.34  | 4.0 |
| TW12040     | Soil    | 5.6  | 44.0  | 0.11 | 1507  | 0.004  | 4    | 0.89 | 0.002  | 0.06 | 0.1  | 2.3  | 0.18 | 0.07  | 179  | 8.4  | 0.23  | 3.5 |
| TW12041     | Soil    | 5.2  | 24.2  | 0.14 | 224.6 | 0.013  | <1   | 1.14 | 0.006  | 0.06 | 0.1  | 1.7  | 0.20 | 0.08  | 69   | 2.0  | 0.10  | 4.6 |
| TW12042     | Soil    | 6.1  | 22.9  | 0.16 | 383.9 | 0.007  | 1    | 1.14 | 0.003  | 0.05 | <0.1 | 1.7  | 0.18 | 0.03  | 22   | 1.4  | 0.07  | 3.3 |
| TW12043     | Soil    | 3.3  | 40.7  | 0.06 | 158.8 | 0.013  | 3    | 0.66 | 0.002  | 0.09 | 0.1  | 7.0  | 0.26 | 0.09  | 223  | 18.1 | 0.32  | 5.7 |
| TW12044     | Soil    | 7.0  | 16.0  | 0.04 | 347.0 | 0.017  | <1   | 0.63 | 0.003  | 0.04 | <0.1 | 1.0  | 0.16 | 0.07  | 57   | 1.6  | 0.08  | 4.1 |
| TW12045     | Soil    | 4.8  | 34.1  | 0.05 | 515.2 | 0.014  | 2    | 0.65 | 0.010  | 0.16 | 0.1  | 1.5  | 0.23 | 0.34  | 163  | 30.0 | 0.51  | 5.5 |
| TW12046     | Soil    | 7.0  | 30.7  | 0.12 | 482.0 | 0.016  | <1   | 1.13 | 0.010  | 0.10 | 0.1  | 2.1  | 0.20 | 0.23  | 59   | 2.1  | 0.21  | 6.2 |
| TW12047     | Soil    | 4.9  | 22.7  | 0.05 | 898.7 | 0.006  | 4    | 0.42 | 0.014  | 0.11 | <0.1 | 0.6  | 1.13 | 0.21  | 46   | 9.0  | 0.06  | 3.4 |
| TW12048     | Soil    | 8.0  | 13.7  | 0.03 | 223.1 | 0.009  | 2    | 0.49 | 0.005  | 0.04 | <0.1 | 0.3  | 0.15 | 0.04  | 35   | 1.0  | <0.02 | 3.4 |
| TW12049     | Soil    | 8.8  | 23.2  | 0.13 | 191.7 | 0.017  | <1   | 1.33 | 0.002  | 0.04 | 0.1  | 1.5  | 0.20 | 0.04  | 15   | 1.3  | 0.08  | 6.8 |
| TW12050     | Soil    | 5.4  | 25.8  | 0.06 | 190.3 | 0.017  | <1   | 0.77 | 0.003  | 0.05 | 0.1  | 1.1  | 0.21 | 0.07  | 32   | 1.9  | 0.16  | 5.8 |
| TW12051     | Soil    | 4.9  | 27.7  | 0.09 | 634.5 | 0.008  | 2    | 1.01 | <0.001 | 0.06 | 0.1  | 2.2  | 0.39 | 0.06  | 109  | 4.3  | 0.16  | 4.1 |
| TW12052     | Soil    | 3.2  | 47.1  | 0.07 | 74.9  | 0.004  | 5    | 0.83 | 0.017  | 0.30 | 0.2  | 2.3  | 0.85 | 0.88  | 423  | 36.0 | 0.31  | 3.5 |
| TW12053     | Soil    | 6.5  | 196.1 | 1.98 | 5436  | 0.006  | 16   | 0.42 | 0.012  | 0.04 | 0.5  | 6.6  | 0.39 | 0.06  | 276  | 17.4 | 0.09  | 2.3 |
| GP 2012 001 | Soil    | 11.2 | 34.7  | 0.45 | 309.1 | 0.025  | 2    | 1.89 | 0.002  | 0.05 | 0.1  | 3.1  | 0.24 | 0.02  | 31   | 0.9  | 0.07  | 4.6 |
| GP 2012 002 | Soil    | 11.9 | 35.2  | 0.42 | 214.1 | 0.031  | 1    | 2.44 | 0.002  | 0.06 | 0.2  | 3.1  | 0.32 | 0.02  | 35   | 0.9  | 0.08  | 7.6 |
| GP 2012 003 | Soil    | 8.1  | 27.4  | 0.40 | 325.7 | 0.014  | <1   | 1.50 | 0.003  | 0.09 | 0.1  | 2.5  | 0.23 | 0.03  | 33   | 0.5  | 0.04  | 5.5 |
| GP 2012 004 | Soil    | 6.1  | 29.0  | 0.38 | 549.2 | 0.010  | 3    | 1.40 | 0.007  | 0.12 | 0.1  | 3.1  | 0.36 | 0.04  | 41   | 0.6  | 0.07  | 5.5 |
| GP 2012 005 | Soil    | 7.6  | 30.0  | 0.42 | 327.0 | 0.013  | 2    | 1.44 | 0.007  | 0.08 | 0.2  | 2.8  | 0.27 | 0.03  | 41   | 0.5  | 0.06  | 4.9 |
| GP 2012 006 | Soil    | 7.8  | 29.6  | 0.40 | 523.0 | 0.010  | 2    | 1.30 | 0.007  | 0.08 | 0.1  | 3.4  | 0.32 | 0.05  | 59   | 0.9  | 0.04  | 4.3 |
| GP 2012 007 | Soil    | 6.2  | 23.6  | 0.23 | 385.7 | 0.005  | 2    | 1.13 | 0.005  | 0.07 | 0.1  | 2.6  | 0.30 | 0.04  | 127  | 1.0  | 0.04  | 3.9 |
| GP 2012 008 | Soil    | 7.7  | 23.4  | 0.26 | 481.9 | 0.005  | 2    | 1.21 | 0.006  | 0.07 | <0.1 | 2.7  | 0.44 | 0.05  | 109  | 2.2  | 0.04  | 3.9 |
| GP 2012 009 | Soil    | 10.2 | 31.6  | 0.41 | 325.0 | 0.026  | 3    | 1.68 | 0.009  | 0.06 | 0.2  | 3.2  | 0.48 | 0.03  | 47   | 1.2  | 0.05  | 4.7 |
| GP 2012 010 | Soil    | 5.2  | 19.3  | 0.16 | 681.8 | 0.019  | 2    | 1.03 | 0.020  | 0.09 | 0.1  | 1.7  | 1.47 | 0.22  | 29   | 2.0  | 0.07  | 5.8 |
| GP 2012 011 | Soil    | 5.0  | 24.6  | 0.16 | 932.5 | 0.009  | 2    | 1.47 | 0.010  | 0.10 | 0.1  | 2.8  | 1.66 | 0.21  | 25   | 2.8  | 0.14  | 4.9 |
| GP 2012 012 | Soil    | 4.6  | 27.0  | 0.11 | 620.6 | 0.005  | 2    | 0.98 | 0.011  | 0.13 | 0.2  | 3.5  | 0.86 | 0.39  | 67   | 7.7  | 0.32  | 2.9 |
| GP 2012 013 | Soil    | 4.2  | 32.5  | 0.37 | 381.7 | 0.003  | 2    | 1.71 | 0.004  | 0.10 | <0.1 | 3.3  | 0.34 | 0.04  | 57   | 0.5  | 0.08  | 6.3 |
| GP 2012 014 | Soil    | 2.7  | 18.4  | 0.17 | 480.2 | 0.003  | 2    | 0.98 | 0.013  | 0.14 | <0.1 | 3.4  | 0.89 | 0.24  | 414  | 0.7  | 0.07  | 4.0 |
| GP 2012 015 | Soil    | 1.2  | 44.9  | 0.90 | 818.5 | <0.001 | 3    | 2.29 | 0.003  | 0.11 | <0.1 | 4.5  | 0.31 | <0.02 | 15   | 0.3  | 0.09  | 7.0 |

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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method      | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|-------------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|             |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|             |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| GP 2012 016 | Soil    |      |     | 1.86    | 47.98   | 12.79   | 95.5    | 196     | 49.1    | 13.4    | 186     | 3.52    | 7.3     | 0.3    | 1.3     | 1.4     | 3.9     | 0.19    | 0.83    | 0.21    | 55     | 0.04    | 0.027  |
| GP 2012 017 | Soil    |      |     | 1.39    | 61.35   | 14.95   | 104.0   | 124     | 55.5    | 14.3    | 161     | 3.40    | 6.8     | 0.3    | 1.8     | 1.2     | 5.3     | 0.35    | 0.75    | 0.28    | 47     | 0.07    | 0.033  |
| GP 2012 018 | Soil    |      |     | 2.00    | 43.68   | 17.27   | 112.6   | 42      | 42.9    | 11.1    | 162     | 3.54    | 8.1     | 0.3    | 1.1     | 1.4     | 3.9     | 0.28    | 0.93    | 0.27    | 57     | 0.03    | 0.031  |
| GP 2012 019 | Soil    |      |     | 2.00    | 37.18   | 18.13   | 105.0   | 85      | 41.5    | 11.0    | 167     | 3.12    | 8.0     | 0.3    | 1.2     | 1.6     | 7.7     | 0.50    | 0.94    | 0.25    | 61     | 0.09    | 0.033  |
| GP 2012 020 | Soil    |      |     | 1.80    | 34.42   | 13.41   | 103.0   | 63      | 45.0    | 10.6    | 168     | 3.40    | 6.7     | 0.2    | 0.7     | 1.1     | 6.1     | 0.27    | 0.77    | 0.21    | 63     | 0.11    | 0.026  |
| GP 2012 021 | Soil    |      |     | 1.76    | 63.07   | 22.36   | 104.8   | 155     | 50.4    | 13.4    | 192     | 4.07    | 7.6     | 0.3    | 1.3     | 1.7     | 6.3     | 0.42    | 0.74    | 0.32    | 56     | 0.08    | 0.037  |
| GP 2012 022 | Soil    |      |     | 1.74    | 35.84   | 19.01   | 122.5   | 67      | 33.3    | 9.5     | 158     | 2.94    | 5.8     | 0.2    | 0.5     | 1.2     | 8.7     | 0.68    | 0.72    | 0.21    | 55     | 0.19    | 0.029  |
| GP 2012 023 | Soil    |      |     | 2.27    | 46.04   | 32.63   | 271.5   | 70      | 45.2    | 14.5    | 184     | 3.40    | 9.9     | 0.3    | 2.2     | 2.0     | 7.7     | 0.99    | 1.46    | 0.34    | 56     | 0.22    | 0.029  |
| GP 2012 024 | Soil    |      |     | 2.02    | 36.46   | 22.01   | 206.5   | 56      | 32.0    | 8.9     | 174     | 2.92    | 7.7     | 0.2    | 1.7     | 1.4     | 7.8     | 0.71    | 1.05    | 0.23    | 56     | 0.08    | 0.023  |
| GP 2012 025 | Soil    |      |     | 2.42    | 68.35   | 29.64   | 174.9   | 87      | 64.0    | 17.6    | 211     | 4.53    | 11.2    | 0.4    | 3.2     | 2.0     | 6.3     | 0.60    | 1.47    | 0.37    | 59     | 0.08    | 0.059  |
| GP 2012 026 | Soil    |      |     | 2.10    | 36.08   | 23.33   | 178.7   | 94      | 49.1    | 13.1    | 130     | 3.67    | 9.6     | 0.3    | 1.0     | 1.3     | 6.5     | 0.55    | 1.44    | 0.25    | 55     | 0.09    | 0.032  |
| GP 2012 027 | Soil    |      |     | 3.01    | 46.38   | 80.19   | 235.7   | 188     | 39.6    | 12.3    | 183     | 4.33    | 14.0    | 0.3    | 1.9     | 2.2     | 27.8    | 0.60    | 1.56    | 0.26    | 48     | 0.03    | 0.052  |
| GP 2012 028 | Soil    |      |     | 1.58    | 27.72   | 18.93   | 108.0   | 152     | 32.7    | 7.9     | 130     | 3.14    | 8.6     | 0.2    | 0.7     | 1.1     | 10.5    | 0.36    | 0.94    | 0.17    | 57     | 0.15    | 0.029  |
| GP 2012 029 | Soil    |      |     | 1.52    | 33.17   | 25.94   | 126.6   | 41      | 37.5    | 10.5    | 148     | 2.87    | 6.1     | 0.2    | 2.2     | 1.6     | 6.5     | 0.48    | 0.73    | 0.20    | 49     | 0.07    | 0.025  |
| GP 2012 030 | Soil    |      |     | 1.27    | 66.58   | 61.17   | 217.1   | 64      | 60.5    | 12.8    | 201     | 4.16    | 12.0    | 0.4    | 2.9     | 3.3     | 6.2     | 0.82    | 0.95    | 0.27    | 46     | 0.08    | 0.052  |
| GP 2012 031 | Soil    |      |     | 16.19   | 102.4   | 4.59    | 1641    | 11681   | 222.0   | 3.9     | 86      | 1.39    | 44.0    | 10.1   | 2.5     | 0.3     | 469.4   | 52.36   | 2.53    | 0.09    | 382    | 7.42    | 0.489  |
| GP 2012 032 | Soil    |      |     | 123.8   | 135.8   | 5.80    | 4347    | 22815   | 403.0   | 1.6     | 35      | 1.39    | 123.1   | 21.0   | 3.5     | 1.6     | 758.6   | 125.8   | 28.31   | 0.10    | 1155   | 5.69    | 0.979  |
| GP 2012 033 | Soil    |      |     | 13.46   | 160.3   | 6.08    | 651.5   | 8650    | 254.1   | 5.5     | 11      | 1.39    | 27.4    | 18.2   | 3.0     | 0.7     | 217.8   | 2.06    | 3.31    | 0.14    | 88     | 0.32    | 0.125  |
| GP 2012 034 | Soil    |      |     | 34.70   | 126.5   | 6.20    | 960.7   | 29621   | 119.3   | 0.7     | 8       | 0.94    | 23.1    | 21.9   | 8.7     | 1.6     | 444.8   | 25.08   | 6.68    | 0.20    | 230    | 1.23    | 0.469  |
| GP 2012 035 | Soil    |      |     | 34.88   | 73.08   | 6.04    | 102.3   | 69789   | 75.2    | 0.2     | 1       | 1.05    | 84.7    | 21.1   | 5.6     | 1.4     | 366.9   | 4.65    | 5.09    | 0.15    | 551    | 0.20    | 0.513  |
| GP 2012 036 | Soil    |      |     | 8.95    | 65.36   | 4.92    | 306.4   | 36664   | 58.6    | 0.6     | 13      | 0.49    | 12.7    | 11.9   | 0.9     | 2.1     | 427.9   | 11.19   | 1.79    | 0.19    | 245    | 0.29    | 0.301  |
| GP 2012 037 | Soil    |      |     | 53.68   | 108.8   | 9.05    | 830.6   | 19086   | 353.8   | 6.6     | 35      | 1.56    | 30.3    | 20.9   | 4.3     | 1.2     | 627.3   | 8.70    | 10.86   | 0.15    | 196    | 12.07   | 0.400  |
| GP 2012 038 | Soil    |      |     | 4.02    | 45.64   | 3.67    | 386.2   | 9538    | 110.9   | 5.8     | 284     | 0.64    | 11.3    | 3.8    | 3.1     | <0.1    | 580.8   | 3.55    | 1.62    | 0.07    | 123    | 4.37    | 0.208  |
| GP 2012 039 | Soil    |      |     | 14.09   | 34.77   | 3.22    | 229.9   | 9309    | 82.5    | 2.6     | 129     | 0.62    | 11.8    | 5.5    | 2.1     | 0.1     | 511.3   | 1.97    | 3.41    | 0.05    | 257    | 15.25   | 0.171  |
| GP 2012 040 | Soil    |      |     | 26.23   | 49.21   | 7.53    | 9.5     | 2272    | 18.7    | 0.2     | 2       | 4.11    | 36.8    | 9.0    | 4.4     | 1.4     | 64.9    | 0.06    | 1.18    | 0.22    | 129    | 0.03    | 0.043  |
| GP 2012 041 | Soil    |      |     | 5.75    | 44.59   | 7.46    | 308.8   | 5278    | 63.9    | 7.2     | 182     | 1.99    | 15.1    | 3.3    | 4.0     | 2.6     | 120.3   | 6.19    | 2.43    | 0.17    | 114    | 0.72    | 0.121  |
| GP 2012 042 | Soil    |      |     | 23.95   | 85.78   | 1.39    | 4340    | 7663    | 162.8   | 3.1     | 115     | 0.53    | 14.7    | 7.3    | 0.5     | 0.5     | 746.0   | 206.7   | 2.17    | 0.05    | 585    | 19.26   | 0.592  |
| GP 2012 043 | Soil    |      |     | 11.55   | 46.58   | 8.34    | 255.4   | 8491    | 141.8   | 6.4     | 114     | 1.92    | 17.6    | 3.8    | 4.5     | 1.5     | 59.7    | 0.46    | 2.22    | 0.17    | 177    | 0.71    | 0.057  |
| GP 2012 044 | Soil    |      |     | 1.26    | 7.64    | 5.42    | 6.0     | 580     | 1.8     | <0.1    | 2       | 0.24    | 2.8     | 0.8    | 1.3     | 0.2     | 4.9     | 0.14    | 0.21    | 0.10    | 23     | <0.01   | 0.004  |
| GP 2012 045 | Soil    |      |     | 24.49   | 28.19   | 18.54   | 98.4    | 5116    | 21.8    | 1.5     | 51      | 14.68   | 56.8    | 2.2    | 9.6     | 1.7     | 82.9    | 0.23    | 3.78    | 0.41    | 262    | 0.04    | 0.079  |

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Project: FACE  
 Report Date: August 12, 2012

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DAW12000161.1

| Method      | Analyte | Unit | MDL | 1F15<br>La | 1F15<br>Cr | 1F15<br>Mg | 1F15<br>Ba | 1F15<br>Ti | 1F15<br>B | 1F15<br>Al | 1F15<br>Na | 1F15<br>K | 1F15<br>W | 1F15<br>Sc | 1F15<br>Ti | 1F15<br>S | 1F15<br>Hg | 1F15<br>Se | 1F15<br>Te | 1F15<br>Ga |
|-------------|---------|------|-----|------------|------------|------------|------------|------------|-----------|------------|------------|-----------|-----------|------------|------------|-----------|------------|------------|------------|------------|
|             |         |      |     | ppm        | ppm        | %          | ppm        | %          | ppm       | %          | %          | %         | ppm       | ppm        | ppm        | %         | ppb        | ppm        | ppm        | ppm        |
|             |         |      |     | 0.5        | 0.5        | 0.01       | 0.5        | 0.001      | 1         | 0.01       | 0.001      | 0.01      | 0.1       | 0.1        | 0.02       | 0.02      | 5          | 0.1        | 0.02       | 0.1        |
| GP 2012 016 | Soil    |      |     | 1.9        | 38.2       | 0.53       | 241.4      | 0.001      | 2         | 2.36       | 0.003      | 0.10      | <0.1      | 4.0        | 0.47       | <0.02     | 45         | 0.5        | 0.05       | 6.7        |
| GP 2012 017 | Soil    |      |     | 1.5        | 37.8       | 0.70       | 308.2      | <0.001     | 3         | 2.12       | 0.003      | 0.13      | <0.1      | 4.4        | 0.35       | <0.02     | 22         | 0.2        | 0.08       | 6.6        |
| GP 2012 018 | Soil    |      |     | 2.5        | 35.8       | 0.59       | 153.2      | 0.003      | 2         | 2.06       | 0.003      | 0.11      | <0.1      | 3.4        | 0.45       | <0.02     | 15         | 0.3        | 0.10       | 6.9        |
| GP 2012 019 | Soil    |      |     | 3.9        | 33.3       | 0.50       | 464.1      | 0.003      | 2         | 1.89       | 0.004      | 0.09      | <0.1      | 3.7        | 0.32       | <0.02     | 33         | 0.4        | 0.08       | 6.7        |
| GP 2012 020 | Soil    |      |     | 1.6        | 40.7       | 0.63       | 607.9      | <0.001     | 2         | 2.37       | 0.003      | 0.08      | <0.1      | 4.1        | 0.28       | <0.02     | 25         | 0.2        | 0.10       | 7.6        |
| GP 2012 021 | Soil    |      |     | 1.4        | 41.5       | 0.62       | 488.2      | <0.001     | 3         | 2.34       | 0.003      | 0.15      | <0.1      | 5.1        | 0.40       | <0.02     | 40         | 0.3        | 0.06       | 7.6        |
| GP 2012 022 | Soil    |      |     | 2.6        | 34.3       | 0.47       | 448.4      | 0.001      | 2         | 2.00       | 0.004      | 0.11      | <0.1      | 3.5        | 0.19       | <0.02     | 20         | 0.3        | 0.04       | 6.5        |
| GP 2012 023 | Soil    |      |     | 5.0        | 33.5       | 0.52       | 232.0      | 0.006      | 3         | 1.84       | 0.006      | 0.13      | <0.1      | 3.7        | 0.23       | <0.02     | 20         | 0.5        | 0.07       | 6.2        |
| GP 2012 024 | Soil    |      |     | 4.1        | 28.8       | 0.39       | 343.4      | 0.004      | 2         | 1.56       | 0.005      | 0.09      | <0.1      | 3.0        | 0.23       | <0.02     | 16         | 0.4        | 0.09       | 6.1        |
| GP 2012 025 | Soil    |      |     | 1.8        | 43.9       | 0.65       | 397.6      | <0.001     | 4         | 2.43       | 0.004      | 0.16      | <0.1      | 5.1        | 0.36       | 0.02      | 29         | 0.5        | 0.11       | 7.2        |
| GP 2012 026 | Soil    |      |     | 2.0        | 39.3       | 0.60       | 295.8      | 0.001      | 4         | 2.08       | 0.004      | 0.13      | <0.1      | 3.6        | 0.28       | <0.02     | 43         | 0.4        | 0.05       | 6.3        |
| GP 2012 027 | Soil    |      |     | 2.7        | 34.9       | 0.41       | 262.4      | 0.001      | 3         | 1.94       | 0.009      | 0.16      | <0.1      | 3.8        | 0.74       | 0.16      | 98         | 0.7        | 0.10       | 5.9        |
| GP 2012 028 | Soil    |      |     | 2.0        | 34.2       | 0.47       | 549.1      | 0.001      | 3         | 2.18       | 0.006      | 0.09      | <0.1      | 3.5        | 0.25       | <0.02     | 26         | 0.4        | 0.06       | 6.7        |
| GP 2012 029 | Soil    |      |     | 3.0        | 34.2       | 0.54       | 246.0      | 0.002      | 2         | 1.84       | 0.004      | 0.12      | <0.1      | 3.4        | 0.23       | <0.02     | 18         | 0.3        | 0.07       | 6.0        |
| GP 2012 030 | Soil    |      |     | 2.5        | 42.3       | 0.79       | 329.3      | <0.001     | 4         | 2.15       | 0.004      | 0.17      | <0.1      | 6.2        | 0.30       | <0.02     | 59         | 0.2        | 0.11       | 6.4        |
| GP 2012 031 | Soil    |      |     | 8.9        | 240.3      | 4.17       | 4081       | 0.009      | 4         | 1.21       | 0.024      | 0.02      | 0.5       | 2.9        | 0.71       | 0.09      | 214        | 8.1        | 0.06       | 4.7        |
| GP 2012 032 | Soil    |      |     | 7.8        | 301.8      | 0.25       | 2437       | 0.002      | 59        | 0.60       | 0.017      | 0.10      | 1.1       | 6.0        | 11.15      | 0.12      | 752        | 16.5       | 0.09       | 3.2        |
| GP 2012 033 | Soil    |      |     | 1.8        | 149.1      | 0.02       | 1349       | <0.001     | 29        | 0.42       | 0.007      | 0.06      | 0.3       | 5.3        | 0.26       | 0.14      | 543        | 20.6       | 0.13       | 2.7        |
| GP 2012 034 | Soil    |      |     | 21.4       | 360.2      | 0.03       | 1485       | 0.013      | 15        | 0.45       | 0.009      | 0.08      | 0.7       | 3.7        | 1.89       | 0.24      | 1179       | 25.0       | 0.04       | 2.6        |
| GP 2012 035 | Soil    |      |     | 15.5       | 622.8      | 0.02       | 4971       | 0.022      | 11        | 0.62       | 0.004      | 0.03      | 0.8       | 11.0       | 2.12       | 0.10      | 986        | 63.9       | 0.32       | 5.5        |
| GP 2012 036 | Soil    |      |     | 14.2       | 537.3      | 0.05       | 4042       | 0.023      | 10        | 0.57       | 0.005      | 0.04      | 0.7       | 3.0        | 0.28       | 0.11      | 798        | 38.6       | 0.24       | 1.9        |
| GP 2012 037 | Soil    |      |     | 3.2        | 208.5      | 0.25       | 2117       | <0.001     | 32        | 0.61       | 0.009      | 0.06      | 1.1       | 3.3        | 0.96       | 0.09      | 539        | 35.3       | 0.12       | 3.8        |
| GP 2012 038 | Soil    |      |     | 3.6        | 82.7       | 0.96       | >10000     | 0.003      | 13        | 0.40       | 0.010      | 0.03      | 0.2       | 1.0        | 0.14       | 0.04      | 157        | 5.6        | 0.07       | 1.3        |
| GP 2012 039 | Soil    |      |     | 2.4        | 148.9      | 4.37       | 2878       | <0.001     | 9         | 0.22       | 0.023      | 0.01      | 0.3       | 1.0        | 0.17       | 0.08      | 156        | 10.8       | 0.06       | 1.6        |
| GP 2012 040 | Soil    |      |     | 5.2        | 79.5       | 0.02       | 81.0       | 0.003      | 22        | 0.25       | 0.058      | 0.39      | 0.3       | 1.0        | 0.25       | 1.66      | 390        | 25.7       | 0.12       | 3.3        |
| GP 2012 041 | Soil    |      |     | 10.4       | 68.5       | 0.36       | 2243       | 0.024      | 7         | 0.87       | 0.013      | 0.06      | 0.2       | 4.3        | 0.31       | 0.09      | 135        | 4.8        | 0.06       | 3.3        |
| GP 2012 042 | Soil    |      |     | 7.3        | 190.6      | 9.30       | 966.4      | 0.003      | 5         | 0.20       | 0.042      | <0.01     | 0.7       | 1.8        | 0.89       | 0.05      | 96         | 4.5        | <0.02      | 2.1        |
| GP 2012 043 | Soil    |      |     | 15.5       | 235.3      | 0.32       | 6035       | 0.011      | 6         | 1.59       | 0.007      | 0.02      | 0.4       | 6.5        | 0.14       | 0.06      | 176        | 8.5        | 0.11       | 3.7        |
| GP 2012 044 | Soil    |      |     | 0.9        | 9.7        | 0.01       | 89.3       | 0.001      | 5         | 0.26       | 0.001      | 0.04      | <0.1      | 0.3        | 0.07       | 0.03      | 54         | 1.3        | 0.04       | 1.3        |
| GP 2012 045 | Soil    |      |     | 3.8        | 50.9       | 0.04       | 697.6      | 0.001      | 6         | 0.58       | 0.007      | 0.13      | 0.1       | 6.3        | 0.65       | 0.50      | 581        | 43.2       | 0.76       | 3.9        |





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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301282 | Soil    |      |     | 6.09    | 31.06   | 34.19   | 62.8    | 398     | 20.5    | 6.0     | 143     | 3.58    | 23.6    | 1.1    | 19.7    | 3.5     | 21.4    | 0.24    | 1.56    | 0.28    | 93     | 0.06    | 0.048  |
| 1301283 | Soil    |      |     | 10.11   | 24.39   | 32.96   | 302.2   | 1262    | 52.0    | 5.1     | 211     | 0.95    | 7.6     | 3.7    | 1.5     | 0.8     | 23.2    | 3.70    | 1.91    | 0.18    | 136    | 0.72    | 0.071  |
| 1301284 | Soil    |      |     | 4.18    | 15.10   | 32.87   | 33.3    | 196     | 10.6    | 3.1     | 86      | 2.80    | 14.3    | 1.3    | 2.3     | 0.5     | 16.8    | 0.18    | 1.72    | 0.25    | 234    | 0.12    | 0.084  |
| 1301285 | Soil    |      |     | 1.02    | 20.48   | 15.38   | 51.9    | 212     | 12.9    | 2.6     | 56      | 1.22    | 4.3     | 1.2    | 2.3     | 0.1     | 16.0    | 0.53    | 0.82    | 0.13    | 63     | 0.16    | 0.108  |
| 1301286 | Soil    |      |     | 9.91    | 20.21   | 43.43   | 59.5    | 401     | 16.0    | 4.0     | 119     | 2.96    | 13.3    | 2.7    | 2.1     | 1.4     | 25.8    | 0.43    | 1.63    | 0.25    | 198    | 0.16    | 0.142  |
| 1301287 | Soil    |      |     | 3.16    | 27.93   | 17.95   | 75.8    | 151     | 30.3    | 10.7    | 186     | 2.92    | 12.4    | 1.2    | 4.8     | 4.9     | 11.7    | 0.29    | 1.09    | 0.19    | 81     | 0.09    | 0.036  |
| 1301288 | Soil    |      |     | 10.81   | 33.13   | 38.27   | 283.2   | 407     | 55.4    | 8.7     | 203     | 2.21    | 11.8    | 1.4    | 3.0     | 1.7     | 22.4    | 1.65    | 2.15    | 0.15    | 135    | 0.15    | 0.072  |
| 1301289 | Soil    |      |     | 24.55   | 25.94   | 32.31   | 441.2   | 355     | 94.9    | 6.4     | 71      | 1.97    | 20.5    | 1.2    | 0.3     | 0.1     | 11.3    | 0.68    | 5.12    | 0.19    | 285    | 0.07    | 0.066  |
| 1301290 | Soil    |      |     | 9.58    | 15.21   | 36.32   | 316.8   | 724     | 44.1    | 5.0     | 437     | 1.42    | 7.6     | 2.1    | 0.9     | 0.3     | 17.7    | 4.63    | 1.96    | 0.13    | 135    | 0.82    | 0.075  |
| 1301291 | Soil    |      |     | 15.93   | 241.0   | 220.8   | 514.3   | 1257    | 97.4    | 5.6     | 161     | 4.38    | 36.1    | 5.1    | 18.8    | 1.7     | 44.8    | 0.62    | 5.62    | 0.58    | 172    | 0.22    | 0.653  |
| 1301292 | Soil    |      |     | 40.39   | 53.10   | 141.2   | 1056    | 771     | 139.4   | 11.1    | 249     | 3.24    | 36.0    | 2.5    | 0.4     | 1.1     | 47.5    | 1.94    | 10.98   | 0.31    | 375    | 0.19    | 0.217  |
| 1301293 | Soil    |      |     | 41.41   | 57.01   | 104.1   | 706.0   | 2525    | 93.6    | 7.5     | 186     | 1.80    | 36.8    | 3.7    | 4.5     | 1.2     | 61.4    | 5.93    | 4.84    | 0.16    | 196    | 5.24    | 0.184  |
| 1301294 | Soil    |      |     | 48.30   | 21.81   | 243.3   | 1203    | 369     | 92.3    | 6.9     | 361     | 2.20    | 17.8    | 1.5    | 0.4     | 1.2     | 38.2    | 2.29    | 14.52   | 0.16    | 832    | 0.29    | 0.063  |
| 1301295 | Soil    |      |     | 84.84   | 22.12   | 969.7   | 177.2   | 573     | 15.6    | 0.9     | 28      | 1.50    | 19.0    | 1.5    | 1.7     | 0.8     | 153.4   | 1.10    | 2.88    | 0.27    | 506    | 0.05    | 0.058  |
| 1301296 | Soil    |      |     | 6.04    | 38.58   | 49.61   | 266.1   | 124     | 36.4    | 8.6     | 172     | 3.84    | 10.9    | 0.5    | 0.7     | 1.6     | 5.9     | 0.75    | 1.64    | 0.22    | 93     | 0.04    | 0.051  |
| 1301297 | Soil    |      |     | 9.94    | 56.41   | 268.6   | 627.3   | 544     | 71.1    | 16.8    | 487     | 2.78    | 9.5     | 1.7    | 5.1     | 2.3     | 41.7    | 4.07    | 1.83    | 0.23    | 87     | 0.26    | 0.060  |
| 1301298 | Soil    |      |     | 7.37    | 29.32   | 13.21   | 85.2    | 3359    | 19.3    | 3.6     | 103     | 5.60    | 37.8    | 1.9    | 5.5     | 1.3     | 140.2   | 0.33    | 2.37    | 0.23    | 185    | 0.08    | 0.103  |
| 1301299 | Soil    |      |     | 3.84    | 13.45   | 11.10   | 39.2    | 412     | 10.8    | 3.2     | 115     | 2.23    | 12.1    | 0.6    | 2.9     | 0.6     | 14.4    | 0.13    | 0.87    | 0.18    | 73     | 0.08    | 0.033  |
| 1301300 | Soil    |      |     | 4.96    | 24.96   | 13.66   | 52.3    | 1641    | 15.3    | 3.9     | 126     | 2.38    | 11.8    | 1.6    | 8.1     | 1.8     | 43.1    | 0.25    | 1.30    | 0.21    | 61     | 0.08    | 0.039  |
| 1301335 | Soil    |      |     | 7.56    | 55.76   | 18.57   | 67.0    | 3109    | 18.6    | 4.3     | 153     | 5.50    | 19.8    | 1.4    | 15.0    | 1.5     | 49.9    | 0.19    | 2.04    | 0.32    | 159    | 0.08    | 0.058  |
| 1301336 | Soil    |      |     | 5.16    | 37.13   | 18.47   | 60.7    | 2462    | 17.7    | 3.9     | 150     | 2.79    | 10.0    | 1.4    | 8.2     | 0.6     | 31.5    | 0.31    | 1.13    | 0.26    | 98     | 0.04    | 0.053  |
| 1301337 | Soil    |      |     | 7.78    | 69.54   | 24.66   | 50.8    | 1935    | 14.8    | 2.6     | 79      | 5.78    | 17.6    | 0.8    | 27.1    | 1.2     | 59.1    | 0.16    | 1.91    | 0.46    | 116    | 0.03    | 0.076  |
| 1301338 | Soil    |      |     | 4.21    | 25.53   | 21.66   | 48.7    | 1566    | 13.7    | 3.2     | 79      | 4.60    | 11.3    | 0.6    | 9.4     | 1.6     | 29.2    | 0.11    | 1.37    | 0.39    | 117    | 0.05    | 0.041  |
| 1301339 | Soil    |      |     | 60.31   | 91.47   | 24.90   | 108.5   | 7592    | 31.7    | 2.0     | 42      | 4.30    | 42.6    | 19.0   | 3.2     | 3.0     | 321.4   | 2.26    | 9.80    | 0.30    | 604    | 0.74    | 1.195  |
| 1301340 | Soil    |      |     | 11.32   | 59.88   | 7.95    | 38.5    | 203     | 18.5    | 2.5     | 100     | 0.98    | 12.3    | 5.7    | 1.9     | 0.8     | 72.0    | 0.98    | 1.27    | 0.11    | 54     | 0.11    | 0.017  |
| 1301341 | Soil    |      |     | 3.62    | 26.80   | 15.96   | 58.2    | 3569    | 15.5    | 0.5     | 6       | 0.59    | 2.9     | 1.9    | 4.0     | 0.7     | 45.5    | 1.87    | 7.59    | 0.18    | 70     | 0.03    | 0.060  |
| 1301342 | Soil    |      |     | 37.25   | 31.98   | 20.84   | 27.8    | 1245    | 13.3    | 1.2     | 26      | 2.49    | 45.5    | 1.3    | 4.1     | 0.5     | 38.6    | 0.09    | 14.98   | 0.21    | 141    | 0.01    | 0.037  |
| 1301343 | Soil    |      |     | 4.19    | 26.96   | 14.72   | 148.9   | 659     | 58.1    | 8.0     | 116     | 2.43    | 10.2    | 0.6    | 2.1     | 1.8     | 19.8    | 0.66    | 2.52    | 0.13    | 47     | 0.25    | 0.042  |
| 1301344 | Soil    |      |     | 3.74    | 50.54   | 25.95   | 316.8   | 1050    | 205.9   | 25.8    | 937     | 3.84    | 11.8    | 0.9    | 3.5     | 2.0     | 34.6    | 2.54    | 2.61    | 0.19    | 50     | 0.39    | 0.074  |
| 1301345 | Soil    |      |     | 2.56    | 29.51   | 12.66   | 101.4   | 202     | 45.4    | 11.5    | 219     | 2.57    | 8.9     | 0.8    | 2.2     | 2.4     | 24.3    | 0.43    | 0.94    | 0.15    | 48     | 0.16    | 0.056  |



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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|-------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301282 | Soil    | 6.8  | 39.4  | 0.22 | 196.7 | 0.026  | 2    | 1.88 | 0.006 | 0.11 | 0.1  | 3.3  | 0.37 | 0.17  | 106  | 1.9  | 0.17 | 5.6 |
| 1301283 | Soil    | 9.6  | 23.4  | 0.08 | 273.3 | 0.009  | 2    | 0.73 | 0.006 | 0.05 | 0.2  | 1.9  | 0.95 | 0.04  | 154  | 1.0  | 0.06 | 3.3 |
| 1301284 | Soil    | 9.8  | 21.9  | 0.17 | 122.5 | 0.028  | 1    | 1.14 | 0.005 | 0.03 | 0.2  | 1.4  | 0.25 | 0.03  | 69   | 0.7  | 0.07 | 7.3 |
| 1301285 | Soil    | 9.6  | 19.1  | 0.22 | 130.4 | 0.014  | 2    | 1.24 | 0.006 | 0.05 | 0.1  | 1.2  | 0.21 | 0.03  | 127  | 0.8  | 0.04 | 3.6 |
| 1301286 | Soil    | 11.9 | 29.4  | 0.17 | 138.0 | 0.024  | <1   | 1.85 | 0.004 | 0.05 | 0.2  | 2.2  | 0.62 | 0.06  | 52   | 1.1  | 0.12 | 7.8 |
| 1301287 | Soil    | 13.1 | 40.6  | 0.35 | 160.0 | 0.035  | 2    | 2.92 | 0.005 | 0.05 | 0.1  | 5.4  | 0.26 | <0.02 | 97   | 0.8  | 0.05 | 5.9 |
| 1301288 | Soil    | 11.9 | 29.9  | 0.28 | 187.4 | 0.017  | 2    | 1.29 | 0.005 | 0.06 | 0.2  | 2.7  | 0.57 | 0.05  | 73   | 1.2  | 0.08 | 3.5 |
| 1301289 | Soil    | 3.3  | 25.0  | 0.04 | 138.4 | 0.006  | 2    | 0.48 | 0.007 | 0.07 | 0.2  | 0.9  | 0.87 | 0.06  | 59   | 2.2  | 0.10 | 3.3 |
| 1301290 | Soil    | 9.6  | 20.5  | 0.06 | 177.4 | 0.014  | 2    | 1.06 | 0.007 | 0.04 | 0.1  | 2.1  | 0.59 | 0.04  | 125  | 1.5  | 0.06 | 3.0 |
| 1301291 | Soil    | 9.4  | 100.2 | 0.07 | 207.1 | 0.005  | 2    | 1.74 | 0.005 | 0.10 | 0.2  | 3.1  | 2.49 | 0.18  | 116  | 4.6  | 0.42 | 7.5 |
| 1301292 | Soil    | 8.8  | 42.5  | 0.07 | 236.6 | 0.003  | 2    | 1.18 | 0.005 | 0.09 | 0.3  | 1.8  | 1.30 | 0.08  | 36   | 3.3  | 0.14 | 4.5 |
| 1301293 | Soil    | 8.6  | 27.2  | 0.21 | 280.7 | 0.004  | 8    | 0.59 | 0.007 | 0.14 | 0.2  | 2.6  | 1.32 | 0.15  | 381  | 2.8  | 0.11 | 2.3 |
| 1301294 | Soil    | 3.2  | 35.7  | 0.12 | 354.4 | 0.003  | 6    | 1.50 | 0.005 | 0.13 | 0.1  | 2.1  | 2.66 | 0.14  | 24   | 6.4  | 0.15 | 5.4 |
| 1301295 | Soil    | 5.7  | 19.3  | 0.03 | 300.0 | 0.010  | 3    | 0.57 | 0.008 | 0.11 | 0.3  | 1.0  | 4.04 | 0.21  | 46   | 6.2  | 0.15 | 5.2 |
| 1301296 | Soil    | 2.9  | 33.4  | 0.31 | 221.6 | 0.002  | 2    | 1.96 | 0.003 | 0.09 | <0.1 | 3.3  | 0.56 | 0.03  | 35   | 0.7  | 0.09 | 6.5 |
| 1301297 | Soil    | 4.6  | 32.9  | 0.38 | 695.8 | 0.004  | 4    | 1.37 | 0.006 | 0.16 | <0.1 | 4.5  | 0.84 | 0.10  | 225  | 2.3  | 0.09 | 4.7 |
| 1301298 | Soil    | 4.1  | 54.7  | 0.18 | 189.0 | 0.017  | 3    | 0.63 | 0.029 | 0.26 | 0.1  | 3.1  | 0.52 | 0.82  | 237  | 10.4 | 0.39 | 3.7 |
| 1301299 | Soil    | 6.8  | 23.4  | 0.14 | 246.6 | 0.022  | 3    | 1.04 | 0.009 | 0.06 | 0.1  | 1.5  | 0.17 | 0.08  | 80   | 1.7  | 0.10 | 5.2 |
| 1301300 | Soil    | 5.9  | 28.3  | 0.20 | 422.8 | 0.015  | 5    | 0.98 | 0.012 | 0.13 | 0.1  | 2.7  | 0.32 | 0.31  | 236  | 5.0  | 0.13 | 3.0 |
| 1301335 | Soil    | 5.6  | 55.9  | 0.20 | 221.3 | 0.015  | 5    | 1.06 | 0.023 | 0.28 | 0.2  | 4.8  | 0.63 | 1.00  | 194  | 10.3 | 0.34 | 5.5 |
| 1301336 | Soil    | 7.1  | 28.5  | 0.12 | 885.1 | 0.011  | 3    | 1.11 | 0.012 | 0.11 | 0.1  | 2.5  | 0.28 | 0.31  | 98   | 4.6  | 0.16 | 4.3 |
| 1301337 | Soil    | 3.5  | 37.8  | 0.11 | 155.0 | 0.007  | 6    | 1.26 | 0.065 | 0.31 | 0.1  | 4.7  | 0.36 | 0.88  | 209  | 4.1  | 0.88 | 5.8 |
| 1301338 | Soil    | 5.2  | 31.2  | 0.14 | 387.1 | 0.017  | 2    | 1.57 | 0.027 | 0.13 | 0.2  | 2.9  | 0.26 | 0.43  | 81   | 2.3  | 0.18 | 7.3 |
| 1301339 | Soil    | 8.1  | 66.7  | 0.09 | 208.2 | 0.005  | 9    | 1.92 | 0.024 | 0.30 | 0.2  | 9.4  | 2.60 | 0.65  | 160  | 31.8 | 0.37 | 6.5 |
| 1301340 | Soil    | 2.1  | 9.6   | 0.06 | 953.5 | 0.003  | 3    | 0.34 | 0.011 | 0.10 | <0.1 | 3.2  | 1.90 | 0.19  | 82   | 1.5  | 0.05 | 1.4 |
| 1301341 | Soil    | 2.5  | 9.8   | 0.02 | 1333  | <0.001 | 8    | 0.31 | 0.004 | 0.12 | <0.1 | 1.2  | 0.33 | 0.13  | 72   | 9.9  | 0.07 | 1.4 |
| 1301342 | Soil    | 1.7  | 15.0  | 0.03 | 270.7 | 0.001  | 3    | 0.42 | 0.059 | 0.19 | <0.1 | 2.5  | 5.95 | 0.51  | 102  | 21.0 | 0.25 | 3.0 |
| 1301343 | Soil    | 3.1  | 31.3  | 0.25 | 530.8 | 0.002  | 3    | 0.92 | 0.003 | 0.10 | <0.1 | 3.3  | 0.27 | 0.04  | 104  | 3.6  | 0.05 | 2.9 |
| 1301344 | Soil    | 3.6  | 50.6  | 0.37 | 452.9 | 0.002  | 4    | 1.36 | 0.006 | 0.13 | <0.1 | 7.5  | 0.55 | 0.11  | 127  | 3.3  | 0.08 | 3.6 |
| 1301345 | Soil    | 7.9  | 30.3  | 0.40 | 383.1 | 0.008  | 3    | 1.52 | 0.004 | 0.08 | <0.1 | 3.5  | 0.27 | 0.02  | 74   | 0.8  | 0.05 | 4.5 |

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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301346 | Soil    |      |     | 2.00    | 39.71   | 19.04   | 90.5    | 125     | 39.4    | 12.4    | 377     | 3.22    | 9.6     | 0.4    | 3.4     | 0.9     | 13.6    | 0.25    | 0.94    | 0.27    | 51     | 0.19    | 0.080  |
| 1301347 | Soil    |      |     | 1.98    | 27.82   | 15.16   | 75.1    | 126     | 34.5    | 10.4    | 309     | 2.97    | 9.1     | 0.4    | 2.4     | 0.9     | 10.5    | 0.21    | 0.88    | 0.23    | 51     | 0.11    | 0.045  |
| 1301348 | Soil    |      |     | 2.60    | 22.00   | 15.80   | 68.7    | 53      | 22.9    | 7.4     | 200     | 3.23    | 11.0    | 0.4    | 3.2     | 1.4     | 8.0     | 0.15    | 0.99    | 0.24    | 68     | 0.07    | 0.033  |
| 1301349 | Soil    |      |     | 2.72    | 84.14   | 21.40   | 180.4   | 332     | 96.5    | 21.0    | 211     | 4.54    | 17.1    | 0.8    | 4.3     | 2.7     | 31.4    | 0.49    | 2.21    | 0.31    | 44     | 0.08    | 0.059  |
| 1301350 | Soil    |      |     | 2.38    | 32.63   | 15.40   | 57.2    | 212     | 26.1    | 7.5     | 187     | 2.83    | 8.8     | 0.4    | 0.9     | 0.4     | 12.8    | 0.23    | 0.99    | 0.27    | 63     | 0.14    | 0.060  |
| 1301362 | Soil    |      |     | 0.07    | 3.96    | 0.38    | 4.9     | 13      | 2.9     | 1.1     | 19      | 0.34    | 0.3     | <0.1   | <0.2    | <0.1    | 11.3    | <0.01   | <0.02   | <0.02   | 11     | 0.10    | 0.023  |
| 1301363 | Soil    |      |     | 2.73    | 21.46   | 12.41   | 67.6    | 709     | 23.7    | 5.6     | 95      | 2.11    | 9.7     | 1.1    | 3.6     | 1.9     | 25.9    | 0.31    | 0.95    | 0.16    | 73     | 0.18    | 0.049  |
| 1301364 | Soil    |      |     | 13.71   | 18.95   | 11.79   | 41.5    | 1384    | 16.6    | 3.3     | 77      | 4.16    | 26.4    | 0.8    | 2.4     | 1.6     | 8.0     | 0.09    | 1.82    | 0.23    | 127    | 0.04    | 0.032  |
| 1301365 | Soil    |      |     | 5.69    | 39.02   | 15.99   | 71.3    | 914     | 37.3    | 13.4    | 284     | 3.63    | 16.7    | 1.5    | 4.8     | 3.9     | 17.2    | 0.26    | 1.48    | 0.24    | 112    | 0.07    | 0.034  |
| 1301366 | Soil    |      |     | 34.93   | 37.37   | 18.91   | 24.8    | 4398    | 10.4    | 1.1     | 35      | 12.31   | 92.8    | 1.8    | 15.4    | 1.0     | 9.0     | 0.03    | 4.47    | 0.55    | 244    | 0.01    | 0.065  |
| 1301367 | Soil    |      |     | 22.03   | 21.01   | 28.13   | 20.3    | 3903    | 7.5     | 1.4     | 36      | 5.46    | 47.2    | 1.5    | 3.9     | 1.2     | 277.5   | 0.07    | 2.54    | 0.48    | 146    | 0.02    | 0.110  |
| 1301368 | Soil    |      |     | 11.21   | 44.92   | 17.02   | 339.9   | 2915    | 41.6    | 4.0     | 158     | 5.77    | 24.5    | 1.7    | 8.2     | 1.2     | 31.9    | 0.08    | 2.55    | 0.37    | 150    | 0.02    | 0.067  |
| 1301369 | Soil    |      |     | 4.30    | 22.74   | 25.75   | 28.4    | 4039    | 10.9    | 2.4     | 72      | 2.49    | 11.1    | 0.4    | 2.2     | 1.1     | 43.8    | 0.08    | 0.93    | 0.41    | 79     | 0.04    | 0.038  |
| 1301370 | Soil    |      |     | 3.77    | 57.90   | 21.25   | 60.2    | 2558    | 16.1    | 3.4     | 54      | 6.37    | 18.2    | 0.9    | 20.8    | 1.3     | 8.2     | 0.04    | 1.53    | 0.50    | 94     | 0.01    | 0.046  |
| 1301371 | Soil    |      |     | 3.15    | 118.8   | 39.49   | 234.8   | 5135    | 58.7    | 8.3     | 103     | 7.34    | 12.5    | 1.3    | 36.6    | 1.3     | 165.3   | 0.16    | 2.55    | 0.59    | 161    | 0.10    | 0.162  |
| 1301372 | Soil    |      |     | 4.11    | 49.97   | 18.04   | 50.8    | 4143    | 13.5    | 2.5     | 33      | 7.91    | 30.6    | 0.6    | 20.7    | 1.0     | 4.9     | 0.03    | 2.11    | 0.58    | 78     | <0.01   | 0.042  |
| 1301373 | Soil    |      |     | 4.76    | 105.2   | 28.83   | 236.9   | 1721    | 42.3    | 5.8     | 104     | 8.31    | 14.1    | 0.9    | 12.0    | 1.0     | 16.0    | 0.08    | 3.53    | 0.51    | 170    | 0.02    | 0.082  |
| 1301374 | Soil    |      |     | 1.78    | 25.09   | 38.32   | 26.4    | 1509    | 9.7     | 1.8     | 16      | 8.35    | 15.8    | 0.5    | 35.7    | 0.6     | 13.5    | 0.03    | 2.68    | 0.72    | 82     | 0.01    | 0.040  |
| 1301375 | Soil    |      |     | 3.15    | 13.57   | 20.31   | 54.0    | 218     | 19.7    | 7.1     | 235     | 4.31    | 15.5    | 0.5    | 2.3     | 2.8     | 11.7    | 0.12    | 1.26    | 0.22    | 100    | 0.08    | 0.034  |
| 1301376 | Soil    |      |     | 3.45    | 23.91   | 14.18   | 66.6    | 872     | 30.9    | 8.6     | 163     | 3.21    | 16.0    | 0.6    | 4.9     | 2.8     | 13.5    | 0.22    | 1.43    | 0.21    | 92     | 0.08    | 0.042  |
| 1301377 | Soil    |      |     | 1.82    | 4.94    | 7.34    | 9.7     | 711     | 3.2     | 0.8     | 19      | 0.76    | 3.2     | 0.5    | 2.0     | 1.0     | 5.8     | 0.02    | 0.48    | 0.10    | 70     | <0.01   | 0.007  |
| 1301378 | Soil    |      |     | 5.94    | 36.63   | 7.51    | 2.1     | 1318    | 4.4     | 0.4     | 9       | 1.68    | 19.4    | 1.9    | 4.4     | 0.7     | 30.5    | 0.24    | 0.46    | 0.14    | 32     | 0.01    | 0.018  |
| 1301379 | Soil    |      |     | 4.28    | 15.35   | 20.52   | 33.5    | 899     | 15.0    | 4.1     | 86      | 1.91    | 10.5    | 0.9    | 2.1     | 1.7     | 12.8    | 0.09    | 1.17    | 0.19    | 78     | 0.03    | 0.025  |
| 1301380 | Soil    |      |     | 3.97    | 18.25   | 11.96   | 86.3    | 437     | 28.0    | 10.8    | 281     | 2.47    | 12.2    | 0.7    | 4.1     | 2.4     | 18.3    | 0.37    | 1.26    | 0.16    | 87     | 0.12    | 0.054  |
| 1301381 | Soil    |      |     | 5.79    | 29.51   | 14.36   | 75.5    | 1806    | 28.5    | 8.9     | 194     | 2.94    | 16.7    | 1.3    | 5.3     | 3.5     | 18.3    | 0.45    | 1.68    | 0.18    | 95     | 0.08    | 0.028  |
| 1301382 | Soil    |      |     | 5.93    | 25.99   | 15.20   | 78.9    | 961     | 21.8    | 10.3    | 315     | 4.72    | 19.3    | 0.7    | 2.8     | 2.6     | 20.8    | 0.24    | 1.62    | 0.18    | 109    | 0.09    | 0.055  |
| 1301383 | Soil    |      |     | 4.46    | 38.09   | 33.64   | 63.6    | 4231    | 20.6    | 2.8     | 81      | 3.96    | 10.9    | 1.1    | 13.7    | 0.6     | 67.7    | 0.29    | 1.51    | 0.37    | 95     | 0.08    | 0.060  |
| 1301384 | Soil    |      |     | 4.50    | 27.51   | 19.39   | 44.9    | 4060    | 13.7    | 2.2     | 63      | 3.02    | 13.7    | 1.3    | 8.1     | 1.1     | 97.6    | 0.15    | 1.14    | 0.32    | 87     | 0.03    | 0.057  |
| 1301385 | Soil    |      |     | 3.87    | 20.34   | 14.66   | 77.3    | 583     | 21.0    | 6.6     | 220     | 3.88    | 14.3    | 0.6    | 3.6     | 2.8     | 13.6    | 0.17    | 1.19    | 0.25    | 95     | 0.08    | 0.032  |
| 1301386 | Soil    |      |     | 2.91    | 31.16   | 18.66   | 37.9    | 358     | 8.1     | 1.8     | 36      | 4.76    | 15.0    | 0.4    | 13.8    | 1.0     | 33.3    | 0.08    | 1.32    | 0.37    | 80     | 0.02    | 0.043  |



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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|-------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301346 | Soil    | 3.7  | 34.5 | 0.48 | 470.9 | 0.004  | 3    | 1.48 | 0.002 | 0.10 | <0.1 | 3.0  | 0.17  | 0.05  | 51   | 0.4  | 0.07  | 5.2 |
| 1301347 | Soil    | 5.6  | 31.2 | 0.48 | 265.8 | 0.008  | 3    | 1.42 | 0.003 | 0.10 | 0.1  | 2.6  | 0.15  | 0.04  | 46   | 0.4  | 0.03  | 4.6 |
| 1301348 | Soil    | 6.9  | 28.4 | 0.29 | 143.2 | 0.014  | 2    | 1.27 | 0.002 | 0.06 | 0.1  | 2.4  | 0.20  | 0.03  | 40   | 0.5  | 0.06  | 6.1 |
| 1301349 | Soil    | 2.2  | 41.0 | 0.63 | 530.0 | <0.001 | 2    | 1.92 | 0.004 | 0.13 | <0.1 | 7.1  | 0.79  | 0.06  | 217  | 1.0  | 0.10  | 5.5 |
| 1301350 | Soil    | 4.2  | 28.5 | 0.25 | 298.8 | 0.004  | 2    | 1.27 | 0.002 | 0.07 | <0.1 | 2.0  | 0.17  | 0.05  | 58   | 0.4  | 0.07  | 6.2 |
| 1301362 | Soil    | 0.9  | 4.3  | 0.02 | 16.0  | 0.015  | <1   | 0.13 | 0.090 | 0.03 | <0.1 | 0.2  | <0.02 | <0.02 | <5   | <0.1 | <0.02 | 0.7 |
| 1301363 | Soil    | 9.1  | 32.5 | 0.29 | 1649  | 0.011  | 4    | 1.40 | 0.003 | 0.05 | 0.2  | 2.8  | 0.20  | 0.04  | 102  | 2.9  | 0.05  | 4.3 |
| 1301364 | Soil    | 5.7  | 49.6 | 0.15 | 217.1 | 0.009  | 2    | 1.70 | 0.002 | 0.05 | 0.1  | 2.2  | 0.40  | 0.04  | 108  | 4.4  | 0.14  | 6.2 |
| 1301365 | Soil    | 8.6  | 50.7 | 0.30 | 821.4 | 0.015  | 3    | 2.95 | 0.003 | 0.08 | 0.1  | 5.7  | 0.34  | 0.05  | 80   | 1.5  | 0.08  | 6.4 |
| 1301366 | Soil    | 2.8  | 81.5 | 0.04 | 795.1 | 0.006  | 5    | 0.95 | 0.001 | 0.08 | 0.2  | 3.4  | 0.55  | 0.17  | 642  | 28.9 | 0.48  | 9.6 |
| 1301367 | Soil    | 3.7  | 51.5 | 0.08 | 558.8 | 0.004  | 2    | 1.35 | 0.007 | 0.18 | 0.2  | 2.6  | 0.96  | 0.38  | 148  | 8.6  | 0.37  | 7.5 |
| 1301368 | Soil    | 3.7  | 56.4 | 0.10 | 602.7 | 0.003  | 3    | 1.56 | 0.002 | 0.09 | <0.1 | 5.4  | 0.38  | 0.13  | 133  | 9.9  | 0.30  | 6.3 |
| 1301369 | Soil    | 3.6  | 25.1 | 0.09 | 350.5 | 0.012  | 3    | 0.90 | 0.007 | 0.13 | <0.1 | 1.9  | 0.34  | 0.26  | 31   | 4.5  | 0.10  | 4.8 |
| 1301370 | Soil    | 2.5  | 30.6 | 0.08 | 709.8 | 0.002  | 4    | 1.22 | 0.002 | 0.09 | <0.1 | 7.0  | 0.22  | 0.08  | 106  | 3.4  | 1.85  | 4.7 |
| 1301371 | Soil    | 3.6  | 43.7 | 0.10 | 214.8 | 0.003  | 4    | 1.21 | 0.024 | 0.23 | 0.1  | 11.9 | 0.39  | 0.76  | 272  | 8.8  | 0.70  | 3.8 |
| 1301372 | Soil    | 1.5  | 27.2 | 0.05 | 221.7 | 0.003  | 2    | 1.01 | 0.003 | 0.08 | 0.1  | 5.2  | 0.28  | 0.11  | 367  | 3.7  | 1.57  | 4.3 |
| 1301373 | Soil    | 2.6  | 34.8 | 0.07 | 768.1 | 0.004  | 3    | 1.09 | 0.003 | 0.10 | 0.2  | 6.9  | 0.46  | 0.11  | 100  | 8.1  | 0.89  | 5.1 |
| 1301374 | Soil    | 1.6  | 18.0 | 0.04 | 1546  | 0.002  | 4    | 0.61 | 0.002 | 0.08 | 0.2  | 1.8  | 0.15  | 0.09  | 106  | 3.0  | 1.98  | 3.0 |
| 1301375 | Soil    | 8.1  | 39.9 | 0.31 | 372.6 | 0.028  | 2    | 2.73 | 0.002 | 0.06 | 0.1  | 3.6  | 0.21  | 0.02  | 46   | 0.9  | 0.08  | 6.4 |
| 1301376 | Soil    | 7.1  | 38.3 | 0.35 | 271.4 | 0.028  | 2    | 2.47 | 0.002 | 0.09 | 0.2  | 3.6  | 0.24  | 0.04  | 108  | 1.3  | 0.11  | 6.5 |
| 1301377 | Soil    | 4.9  | 13.5 | 0.03 | 144.4 | 0.010  | 2    | 0.60 | 0.001 | 0.03 | <0.1 | 0.7  | 0.18  | <0.02 | 26   | 0.5  | 0.06  | 3.5 |
| 1301378 | Soil    | 3.8  | 21.7 | 0.01 | 318.0 | <0.001 | 5    | 0.40 | 0.007 | 0.18 | <0.1 | 3.3  | 0.38  | 0.56  | 138  | 4.1  | 0.07  | 1.2 |
| 1301379 | Soil    | 4.7  | 28.7 | 0.18 | 300.1 | 0.011  | 5    | 1.44 | 0.002 | 0.07 | 0.1  | 2.1  | 0.22  | 0.06  | 56   | 1.8  | 0.07  | 4.1 |
| 1301380 | Soil    | 9.8  | 31.5 | 0.36 | 352.3 | 0.026  | 2    | 1.63 | 0.004 | 0.07 | 0.2  | 2.9  | 0.21  | 0.04  | 41   | 0.9  | 0.07  | 5.3 |
| 1301381 | Soil    | 10.4 | 40.9 | 0.40 | 564.3 | 0.024  | 3    | 1.75 | 0.005 | 0.10 | 0.1  | 5.2  | 0.29  | 0.13  | 100  | 2.0  | 0.09  | 4.8 |
| 1301382 | Soil    | 6.8  | 36.5 | 0.28 | 280.0 | 0.029  | 2    | 2.17 | 0.009 | 0.11 | 0.1  | 2.9  | 0.30  | 0.21  | 108  | 4.4  | 0.10  | 5.6 |
| 1301383 | Soil    | 3.9  | 37.1 | 0.12 | 211.7 | 0.010  | 4    | 0.75 | 0.020 | 0.20 | 0.1  | 3.3  | 0.46  | 0.64  | 338  | 7.4  | 0.23  | 3.9 |
| 1301384 | Soil    | 3.1  | 31.6 | 0.08 | 281.3 | 0.007  | 4    | 0.85 | 0.018 | 0.22 | <0.1 | 2.8  | 0.44  | 0.60  | 176  | 9.6  | 0.30  | 3.7 |
| 1301385 | Soil    | 9.3  | 31.0 | 0.31 | 292.9 | 0.036  | 2    | 1.81 | 0.005 | 0.07 | 0.2  | 3.3  | 0.23  | 0.05  | 80   | 1.1  | 0.14  | 7.6 |
| 1301386 | Soil    | 3.1  | 20.2 | 0.08 | 443.0 | 0.006  | 5    | 1.01 | 0.014 | 0.16 | <0.1 | 2.3  | 0.21  | 0.29  | 53   | 1.7  | 0.86  | 4.8 |

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Project: FACE  
 Report Date: August 12, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
| 1301387 | Soil    |      |     | 25.93   | 16.45   | 28.98   | 45.4    | 5986    | 12.0    | 1.6     | 47      | 3.18    | 26.2    | 1.4    | 2.4     | 0.3     | 76.1    | 0.49    | 13.41   | 0.25    | 365    | 0.05    | 0.080  |
| 1301388 | Soil    |      |     | 39.07   | 30.83   | 41.51   | 94.8    | 390     | 33.3    | 2.3     | 86      | 2.68    | 33.7    | 4.9    | 3.4     | 1.0     | 103.8   | 2.49    | 2.80    | 0.25    | 109    | 0.08    | 0.040  |
| 1301389 | Soil    |      |     | 32.79   | 45.62   | 28.17   | 70.1    | 2481    | 19.1    | 1.7     | 24      | 5.17    | 61.8    | 2.2    | 5.7     | 1.1     | 177.1   | 1.06    | 32.25   | 0.25    | 215    | 0.02    | 0.110  |
| 1301390 | Soil    |      |     | 29.44   | 380.1   | 9.86    | 178.2   | 51976   | 77.6    | 0.7     | 10      | 2.36    | 39.8    | 24.2   | 13.4    | 1.3     | 267.1   | 6.64    | 2.27    | 0.23    | 216    | 0.54    | 0.177  |
| 1301391 | Soil    |      |     | 17.45   | 148.9   | 7.24    | 1326    | 25923   | 168.6   | 3.5     | 23      | 1.51    | 64.0    | 16.6   | 5.6     | 0.8     | 345.1   | 86.32   | 6.75    | 0.15    | 232    | 0.89    | 0.287  |
| 1301392 | Soil    |      |     | 52.90   | 206.9   | 9.31    | 560.5   | 13812   | 124.4   | 1.7     | 33      | 1.62    | 80.7    | 30.3   | 6.7     | 1.0     | 410.4   | 15.11   | 13.89   | 0.15    | 479    | 0.82    | 0.572  |
| 1301393 | Soil    |      |     | 21.72   | 142.4   | 9.21    | 3382    | 43141   | 420.4   | 4.0     | 76      | 2.02    | 39.4    | 13.9   | 9.4     | 0.9     | 621.3   | 80.82   | 3.00    | 0.24    | 225    | 0.92    | 0.458  |
| 1301394 | Soil    |      |     | 8.98    | 132.4   | 7.65    | 28.8    | 2824    | 18.7    | 0.3     | 4       | 0.47    | 8.1     | 9.1    | 3.8     | 0.7     | 90.6    | 0.65    | 0.82    | 0.21    | 36     | 0.07    | 0.023  |
| 1301395 | Soil    |      |     | 5.46    | 41.64   | 7.23    | 13.2    | 2390    | 10.8    | 0.2     | 4       | 0.42    | 9.7     | 4.4    | 3.6     | 0.2     | 36.4    | 0.42    | 0.80    | 0.17    | 41     | 0.03    | 0.017  |
| 1301396 | Soil    |      |     | 6.94    | 38.01   | 7.41    | 14.7    | 2169    | 10.5    | 0.5     | 11      | 1.03    | 12.3    | 4.2    | 2.8     | 0.7     | 43.7    | 0.34    | 0.88    | 0.16    | 53     | 0.03    | 0.022  |
| 1301397 | Soil    |      |     | 3.52    | 11.33   | 10.42   | 2.3     | 1655    | 2.2     | <0.1    | 2       | 0.63    | 5.3     | 1.5    | 4.0     | 0.4     | 17.6    | 0.03    | 0.98    | 0.22    | 26     | <0.01   | 0.006  |
| 1301398 | Soil    |      |     | 6.04    | 30.35   | 14.54   | 70.7    | 4704    | 31.2    | 7.7     | 137     | 3.64    | 20.3    | 1.1    | 4.6     | 2.8     | 19.9    | 0.25    | 1.44    | 0.25    | 129    | 0.06    | 0.042  |
| 1301399 | Soil    |      |     | 3.61    | 12.35   | 27.55   | 20.3    | 1154    | 8.6     | 1.1     | 41      | 1.64    | 6.3     | 0.4    | 5.6     | 0.4     | 29.4    | 0.19    | 0.78    | 0.30    | 45     | 0.05    | 0.046  |
| 1301400 | Soil    |      |     | 19.54   | 57.98   | 26.79   | 68.3    | 2866    | 22.2    | 1.7     | 35      | 2.03    | 10.6    | 7.1    | 1.8     | 0.1     | 134.0   | 2.59    | 8.88    | 0.23    | 192    | 0.11    | 0.235  |
| 1301401 | Soil    |      |     | 1.59    | 15.59   | 7.28    | 15.6    | 986     | 5.8     | 1.3     | 35      | 1.16    | 4.8     | 0.7    | 2.7     | 0.3     | 11.4    | 0.11    | 0.28    | 0.12    | 41     | 0.09    | 0.032  |
| 1301402 | Soil    |      |     | 6.12    | 41.50   | 8.91    | 19.6    | 1261    | 7.0     | 1.0     | 31      | 1.68    | 10.0    | 2.0    | 3.8     | 0.7     | 21.0    | 0.10    | 1.09    | 0.17    | 61     | 0.03    | 0.019  |
| 1301403 | Soil    |      |     | 5.30    | 16.37   | 13.73   | 57.9    | 494     | 17.0    | 4.0     | 107     | 2.12    | 12.0    | 0.9    | 2.8     | 0.2     | 24.2    | 0.28    | 1.43    | 0.17    | 91     | 0.09    | 0.065  |
| 1301404 | Soil    |      |     | 6.51    | 24.25   | 13.97   | 98.8    | 883     | 29.8    | 7.9     | 200     | 2.62    | 13.5    | 1.3    | 6.6     | 1.3     | 38.0    | 0.65    | 1.95    | 0.19    | 99     | 0.16    | 0.071  |
| 1301405 | Soil    |      |     | 11.90   | 27.49   | 20.98   | 67.3    | 3487    | 21.3    | 4.5     | 120     | 3.75    | 24.3    | 1.7    | 10.0    | 2.3     | 42.8    | 0.21    | 2.78    | 0.28    | 111    | 0.10    | 0.064  |
| 1301406 | Soil    |      |     | 4.59    | 15.28   | 13.15   | 54.6    | 585     | 19.6    | 5.9     | 170     | 3.26    | 15.3    | 0.7    | 5.4     | 2.5     | 10.2    | 0.15    | 1.12    | 0.25    | 105    | 0.07    | 0.035  |
| 1301407 | Soil    |      |     | 30.84   | 20.24   | 29.10   | 10.5    | 2763    | 4.7     | 0.7     | 23      | 15.52   | 71.3    | 3.7    | 14.2    | 1.8     | 21.8    | 0.04    | 3.27    | 0.84    | 254    | 0.01    | 0.069  |
| 1301408 | Soil    |      |     | 3.62    | 17.69   | 9.50    | 3.6     | 1453    | 4.3     | 0.2     | 5       | 0.35    | 1.4     | 2.3    | 3.3     | 0.6     | 15.2    | 0.02    | 0.47    | 0.22    | 29     | <0.01   | 0.006  |
| 1301409 | Soil    |      |     | 3.84    | 30.84   | 21.47   | 73.3    | 1470    | 25.4    | 6.3     | 163     | 3.98    | 14.5    | 0.7    | 8.4     | 2.3     | 32.1    | 0.15    | 1.31    | 0.35    | 92     | 0.05    | 0.044  |
| 1301410 | Soil    |      |     | 8.31    | 38.32   | 23.27   | 58.0    | 1625    | 17.9    | 2.1     | 49      | 2.92    | 9.8     | 0.7    | 10.1    | 0.1     | 124.6   | 0.16    | 1.42    | 0.27    | 71     | 0.06    | 0.105  |
| 1301411 | Soil    |      |     | 19.86   | 58.64   | 17.20   | 109.4   | 2529    | 33.0    | 2.0     | 50      | 1.50    | 12.1    | 9.4    | 2.5     | 0.9     | 146.5   | 3.38    | 4.31    | 0.21    | 175    | 0.41    | 0.420  |
| 1301412 | Soil    |      |     | 16.49   | 22.99   | 12.15   | 18.7    | 450     | 9.9     | 1.3     | 30      | 2.22    | 14.9    | 2.8    | 3.3     | 1.0     | 17.8    | 0.19    | 3.31    | 0.19    | 97     | 0.04    | 0.020  |
| 1301413 | Soil    |      |     | 9.18    | 36.75   | 16.29   | 64.0    | 331     | 22.9    | 3.6     | 48      | 3.46    | 19.7    | 0.8    | 2.9     | 1.4     | 18.0    | 0.11    | 1.78    | 0.21    | 50     | 0.02    | 0.036  |
| 1301414 | Soil    |      |     | 22.63   | 41.85   | 16.83   | 134.2   | 1270    | 43.8    | 3.8     | 73      | 4.16    | 62.8    | 1.9    | 2.5     | 1.4     | 122.3   | 1.19    | 5.07    | 0.21    | 135    | 0.06    | 0.099  |
| 1301415 | Soil    |      |     | 5.78    | 42.32   | 19.76   | 85.3    | 426     | 42.2    | 10.7    | 198     | 3.38    | 14.2    | 0.6    | 3.0     | 2.1     | 35.8    | 0.21    | 1.48    | 0.23    | 42     | 0.17    | 0.049  |
| 1301416 | Soil    |      |     | 5.29    | 48.22   | 21.90   | 92.8    | 584     | 43.3    | 24.6    | 799     | 3.39    | 17.5    | 0.6    | 3.9     | 2.3     | 50.8    | 0.42    | 1.28    | 0.24    | 39     | 0.30    | 0.070  |



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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15   | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|-------|------|--------|--------|------|------|--------|------|------|------|------|------|------|------|------|-----|
|         |         | La   | Cr    | Mg   | Ba     | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm    | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5    | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1 |
| 1301387 | Soil    | 3.5  | 27.3  | 0.07 | 662.3  | 0.007  | 3    | 0.80 | 0.013  | 0.15 | 0.1  | 0.9  | 0.89 | 0.35 | 116  | 14.3 | 0.28 | 4.7 |
| 1301388 | Soil    | 1.4  | 7.8   | 0.04 | 166.2  | 0.001  | 6    | 0.47 | 0.026  | 0.32 | <0.1 | 3.4  | 4.28 | 0.76 | 73   | 4.2  | 0.11 | 1.4 |
| 1301389 | Soil    | 2.1  | 14.7  | 0.02 | 84.6   | 0.001  | 3    | 0.70 | 0.114  | 0.27 | <0.1 | 2.7  | 3.20 | 1.16 | 44   | 28.4 | 0.19 | 2.9 |
| 1301390 | Soil    | 9.7  | 410.8 | 0.05 | 122.7  | 0.009  | 5    | 0.44 | 0.020  | 0.15 | 0.7  | 5.3  | 1.21 | 0.65 | 1154 | 81.1 | 0.16 | 5.7 |
| 1301391 | Soil    | 4.3  | 195.9 | 0.03 | 362.8  | 0.002  | 8    | 0.56 | 0.011  | 0.05 | 0.3  | 5.0  | 1.19 | 0.35 | 505  | 23.5 | 0.14 | 4.1 |
| 1301392 | Soil    | 8.5  | 175.2 | 0.11 | 2515   | 0.009  | 12   | 1.11 | <0.001 | 0.06 | 0.7  | 4.6  | 5.29 | 0.11 | 891  | 12.8 | 0.10 | 7.5 |
| 1301393 | Soil    | 18.9 | 364.4 | 0.10 | >10000 | 0.018  | 12   | 0.99 | 0.004  | 0.07 | 0.6  | 17.8 | 1.01 | 0.05 | 865  | 35.5 | 0.16 | 3.5 |
| 1301394 | Soil    | 3.8  | 56.8  | 0.03 | 1258   | 0.002  | 15   | 0.42 | 0.004  | 0.09 | <0.1 | 3.9  | 0.12 | 0.11 | 332  | 3.7  | 0.05 | 2.8 |
| 1301395 | Soil    | 2.5  | 36.4  | 0.02 | 1117   | 0.002  | 8    | 0.44 | 0.001  | 0.07 | <0.1 | 1.7  | 0.15 | 0.07 | 321  | 5.6  | 0.09 | 2.0 |
| 1301396 | Soil    | 3.1  | 40.7  | 0.04 | 634.7  | 0.002  | 7    | 0.57 | 0.002  | 0.11 | <0.1 | 2.0  | 0.23 | 0.21 | 151  | 12.2 | 0.11 | 2.2 |
| 1301397 | Soil    | 1.1  | 11.2  | 0.01 | 407.5  | <0.001 | 8    | 0.23 | 0.002  | 0.14 | <0.1 | 0.9  | 0.22 | 0.20 | 324  | 8.6  | 0.14 | 0.7 |
| 1301398 | Soil    | 7.5  | 69.6  | 0.32 | 367.2  | 0.020  | 4    | 2.87 | <0.001 | 0.10 | 0.1  | 4.8  | 0.36 | 0.08 | 100  | 4.8  | 0.12 | 7.0 |
| 1301399 | Soil    | 2.7  | 22.0  | 0.05 | 478.2  | 0.005  | 4    | 0.53 | 0.012  | 0.16 | <0.1 | 1.5  | 0.24 | 0.37 | 89   | 2.8  | 0.23 | 3.5 |
| 1301400 | Soil    | 4.9  | 35.2  | 0.04 | 697.3  | 0.005  | 5    | 0.75 | 0.007  | 0.10 | <0.1 | 0.9  | 0.70 | 0.23 | 101  | 9.4  | 0.12 | 3.8 |
| 1301401 | Soil    | 4.7  | 17.1  | 0.08 | 228.8  | 0.012  | 2    | 0.90 | 0.011  | 0.04 | <0.1 | 1.0  | 0.13 | 0.03 | 223  | 1.4  | 0.05 | 3.7 |
| 1301402 | Soil    | 3.3  | 24.1  | 0.07 | 325.7  | 0.005  | 6    | 0.52 | 0.008  | 0.10 | <0.1 | 2.0  | 0.24 | 0.29 | 178  | 5.1  | 0.12 | 2.3 |
| 1301403 | Soil    | 7.4  | 26.6  | 0.19 | 530.1  | 0.010  | 3    | 1.14 | 0.004  | 0.07 | 0.1  | 1.0  | 0.41 | 0.06 | 78   | 1.6  | 0.06 | 4.9 |
| 1301404 | Soil    | 7.9  | 33.6  | 0.32 | 1825   | 0.011  | 5    | 1.52 | 0.004  | 0.09 | 0.1  | 3.0  | 0.57 | 0.05 | 118  | 2.1  | 0.08 | 5.0 |
| 1301405 | Soil    | 8.6  | 55.7  | 0.34 | 478.0  | 0.017  | 6    | 1.58 | 0.010  | 0.14 | 0.1  | 3.9  | 0.75 | 0.29 | 442  | 7.9  | 0.24 | 5.4 |
| 1301406 | Soil    | 10.4 | 34.5  | 0.21 | 296.1  | 0.030  | 3    | 1.92 | <0.001 | 0.07 | 0.1  | 2.6  | 0.26 | 0.04 | 82   | 1.5  | 0.09 | 7.9 |
| 1301407 | Soil    | 5.3  | 68.9  | 0.04 | 335.9  | 0.003  | 9    | 0.80 | 0.001  | 0.12 | <0.1 | 3.4  | 0.73 | 0.23 | 1063 | 22.7 | 0.44 | 6.1 |
| 1301408 | Soil    | 2.6  | 12.9  | 0.02 | 538.0  | 0.001  | 8    | 0.29 | 0.003  | 0.09 | <0.1 | 0.8  | 0.13 | 0.10 | 279  | 6.9  | 0.06 | 1.0 |
| 1301409 | Soil    | 6.7  | 32.2  | 0.23 | 450.2  | 0.018  | 4    | 1.67 | 0.006  | 0.14 | 0.2  | 3.6  | 0.30 | 0.23 | 133  | 3.1  | 0.32 | 6.1 |
| 1301410 | Soil    | 2.5  | 25.4  | 0.04 | 307.9  | 0.005  | 6    | 0.44 | 0.026  | 0.18 | 0.1  | 1.8  | 0.43 | 0.53 | 129  | 4.2  | 0.41 | 3.4 |
| 1301411 | Soil    | 6.7  | 39.6  | 0.06 | 1271   | 0.003  | 9    | 0.81 | 0.005  | 0.14 | 0.2  | 3.2  | 1.19 | 0.18 | 170  | 6.3  | 0.15 | 3.0 |
| 1301412 | Soil    | 5.5  | 15.6  | 0.11 | 700.2  | 0.005  | 5    | 0.77 | <0.001 | 0.07 | <0.1 | 2.1  | 1.68 | 0.06 | 104  | 3.2  | 0.06 | 2.8 |
| 1301413 | Soil    | 2.5  | 22.6  | 0.17 | 406.1  | <0.001 | 4    | 0.98 | 0.017  | 0.15 | <0.1 | 3.0  | 1.04 | 0.17 | 126  | 4.0  | 0.07 | 3.3 |
| 1301414 | Soil    | 2.6  | 16.8  | 0.06 | 86.3   | 0.002  | 6    | 0.46 | 0.056  | 0.29 | <0.1 | 3.8  | 4.63 | 0.90 | 134  | 10.2 | 0.23 | 2.7 |
| 1301415 | Soil    | 2.5  | 30.3  | 0.35 | 501.7  | <0.001 | 4    | 1.22 | 0.015  | 0.17 | <0.1 | 4.6  | 0.58 | 0.23 | 172  | 2.5  | 0.06 | 4.2 |
| 1301416 | Soil    | 3.1  | 31.1  | 0.37 | 537.5  | <0.001 | 6    | 1.26 | 0.020  | 0.22 | <0.1 | 5.4  | 0.73 | 0.38 | 248  | 2.1  | 0.10 | 4.3 |

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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301417 | Soil    |      |     | 2.19    | 56.76   | 29.65   | 103.5   | 499     | 59.5    | 26.9    | 691     | 3.20    | 9.8     | 0.7    | 2.2     | 2.3     | 31.8    | 0.44    | 1.18    | 0.21    | 47     | 0.39    | 0.099  |
| 1301418 | Soil    |      |     | 2.45    | 33.74   | 14.42   | 81.7    | 197     | 35.5    | 10.8    | 293     | 2.97    | 8.8     | 0.4    | 0.9     | 1.8     | 13.2    | 0.20    | 0.77    | 0.21    | 59     | 0.13    | 0.049  |
| 1301419 | Soil    |      |     | 1.86    | 28.32   | 14.64   | 70.5    | 151     | 35.8    | 11.2    | 237     | 2.76    | 8.8     | 0.4    | 1.1     | 1.9     | 9.9     | 0.11    | 0.92    | 0.21    | 52     | 0.08    | 0.031  |
| 1301420 | Soil    |      |     | 2.29    | 27.46   | 16.22   | 74.5    | 156     | 29.2    | 10.7    | 384     | 2.96    | 8.8     | 0.5    | 1.8     | 0.9     | 25.1    | 0.19    | 0.76    | 0.22    | 63     | 0.33    | 0.068  |
| 1301421 | Soil    |      |     | 2.15    | 25.02   | 14.61   | 76.3    | 232     | 33.0    | 11.2    | 322     | 3.07    | 10.3    | 0.4    | 1.4     | 1.9     | 14.0    | 0.29    | 0.85    | 0.20    | 64     | 0.17    | 0.048  |
| 1301422 | Soil    |      |     | 1.68    | 75.45   | 28.35   | 123.9   | 121     | 66.0    | 21.5    | 381     | 4.13    | 8.7     | 0.5    | 2.8     | 2.8     | 5.3     | 0.24    | 0.66    | 0.34    | 60     | 0.04    | 0.046  |
| 1301423 | Soil    |      |     | 5.67    | 28.13   | 36.56   | 85.2    | 167     | 19.6    | 6.6     | 219     | 4.54    | 21.0    | 0.6    | 1.7     | 3.1     | 19.1    | 0.39    | 1.36    | 0.23    | 82     | 0.08    | 0.055  |
| 1301424 | Soil    |      |     | 4.33    | 38.21   | 15.95   | 79.5    | 147     | 23.1    | 5.7     | 192     | 3.09    | 11.7    | 0.4    | 3.3     | 2.2     | 9.7     | 0.14    | 1.41    | 0.26    | 49     | 0.03    | 0.044  |
| 1301425 | Soil    |      |     | 2.53    | 24.52   | 14.95   | 82.6    | 127     | 33.8    | 10.5    | 220     | 3.11    | 10.9    | 0.5    | 2.1     | 2.9     | 15.4    | 0.33    | 0.87    | 0.19    | 67     | 0.12    | 0.032  |
| 1301426 | Soil    |      |     | 2.89    | 19.91   | 13.90   | 79.5    | 156     | 41.6    | 12.1    | 213     | 3.38    | 12.6    | 0.6    | 1.6     | 3.1     | 13.3    | 0.28    | 0.99    | 0.18    | 86     | 0.10    | 0.033  |
| 1301427 | Soil    |      |     | 2.91    | 19.94   | 12.70   | 80.3    | 153     | 39.3    | 10.9    | 235     | 3.39    | 12.0    | 0.6    | 2.4     | 2.9     | 16.0    | 0.31    | 0.94    | 0.16    | 85     | 0.13    | 0.026  |
| 1301428 | Soil    |      |     | 12.55   | 27.71   | 21.08   | 78.6    | 2524    | 21.1    | 2.5     | 120     | 3.60    | 23.3    | 1.5    | 8.6     | 0.7     | 55.1    | 0.20    | 1.92    | 0.46    | 138    | 0.04    | 0.049  |
| 1301429 | Soil    |      |     | 21.63   | 46.88   | 16.66   | 62.7    | 2356    | 10.9    | 2.2     | 61      | 7.36    | 51.9    | 1.5    | 5.4     | 1.5     | 91.1    | 0.13    | 2.37    | 0.35    | 186    | 0.04    | 0.057  |
| 1301430 | Soil    |      |     | 6.21    | 17.82   | 11.93   | 96.3    | 574     | 18.0    | 4.7     | 171     | 3.54    | 15.0    | 0.7    | 3.5     | 2.4     | 12.0    | 0.30    | 1.24    | 0.22    | 98     | 0.07    | 0.032  |
| 1301431 | Soil    |      |     | 15.46   | 58.37   | 10.22   | 216.6   | 4238    | 52.2    | 3.4     | 110     | 2.79    | 28.0    | 3.8    | 4.5     | 1.2     | 147.5   | 3.96    | 2.28    | 0.18    | 116    | 0.37    | 0.109  |
| 1301432 | Soil    |      |     | 3.34    | 22.00   | 13.67   | 80.7    | 135     | 36.9    | 8.6     | 167     | 3.23    | 12.8    | 0.6    | 2.6     | 2.1     | 9.7     | 0.45    | 1.17    | 0.19    | 80     | 0.08    | 0.034  |
| 1301433 | Soil    |      |     | 2.89    | 28.49   | 10.53   | 87.1    | 205     | 46.3    | 11.6    | 269     | 2.73    | 11.2    | 0.7    | 2.6     | 3.3     | 17.4    | 0.35    | 1.09    | 0.15    | 67     | 0.14    | 0.041  |
| 1301434 | Soil    |      |     | 4.47    | 23.40   | 18.63   | 80.4    | 187     | 41.9    | 8.2     | 157     | 3.64    | 12.0    | 0.7    | 2.6     | 2.7     | 9.7     | 0.39    | 1.17    | 0.26    | 102    | 0.08    | 0.034  |
| 1301435 | Soil    |      |     | 2.98    | 19.32   | 12.83   | 99.3    | 77      | 45.4    | 10.5    | 244     | 3.05    | 11.6    | 0.5    | 2.2     | 2.5     | 10.0    | 0.52    | 1.09    | 0.16    | 74     | 0.07    | 0.028  |
| 1301436 | Soil    |      |     | 3.68    | 54.34   | 59.59   | 328.8   | 193     | 78.2    | 4.4     | 82      | 2.71    | 10.1    | 0.5    | 2.7     | 1.4     | 8.5     | 0.48    | 1.55    | 0.24    | 34     | 0.02    | 0.049  |
| 1301437 | Soil    |      |     | 3.55    | 20.28   | 22.56   | 156.8   | 33      | 40.9    | 4.5     | 100     | 2.85    | 9.6     | 0.4    | 1.5     | 2.0     | 5.8     | 0.26    | 1.18    | 0.16    | 70     | 0.04    | 0.028  |
| 1301438 | Soil    |      |     | 3.32    | 24.01   | 36.46   | 95.4    | 137     | 46.1    | 13.3    | 204     | 3.13    | 12.2    | 0.6    | 2.5     | 2.9     | 10.8    | 0.92    | 0.92    | 0.18    | 79     | 0.07    | 0.041  |
| 1301439 | Soil    |      |     | 2.39    | 28.05   | 463.7   | 193.8   | 354     | 51.0    | 11.8    | 344     | 2.67    | 10.3    | 0.8    | 4.1     | 1.8     | 23.5    | 1.90    | 1.13    | 0.17    | 52     | 0.24    | 0.070  |
| 1301440 | Soil    |      |     | 2.20    | 25.02   | 264.1   | 125.8   | 434     | 46.5    | 10.3    | 136     | 2.37    | 8.2     | 0.5    | 2.8     | 2.5     | 15.4    | 0.95    | 0.83    | 0.12    | 53     | 0.16    | 0.029  |
| 1301441 | Soil    |      |     | 4.27    | 47.29   | 127.9   | 200.1   | 317     | 28.7    | 12.1    | 254     | 3.67    | 14.0    | 0.4    | 2.9     | 2.4     | 30.7    | 0.55    | 1.74    | 0.22    | 53     | 0.06    | 0.058  |
| 1301442 | Soil    |      |     | 1.94    | 47.04   | 42.62   | 242.1   | 331     | 58.2    | 22.5    | 643     | 3.24    | 7.3     | 0.5    | 2.5     | 2.2     | 23.5    | 0.90    | 0.98    | 0.21    | 42     | 0.13    | 0.068  |
| 1301443 | Soil    |      |     | 1.82    | 40.30   | 31.05   | 198.6   | 134     | 61.4    | 19.0    | 354     | 3.58    | 6.8     | 0.3    | 1.3     | 1.6     | 9.5     | 0.52    | 0.80    | 0.24    | 53     | 0.16    | 0.047  |
| 1301444 | Soil    |      |     | 2.36    | 26.64   | 16.89   | 95.0    | 92      | 29.2    | 10.8    | 279     | 3.71    | 9.4     | 0.3    | 1.2     | 1.6     | 7.6     | 0.23    | 0.81    | 0.24    | 68     | 0.10    | 0.052  |
| 1301445 | Soil    |      |     | 1.64    | 40.03   | 15.13   | 72.3    | 111     | 48.7    | 14.1    | 197     | 3.13    | 6.4     | 0.3    | 1.3     | 1.3     | 12.2    | 0.20    | 0.76    | 0.23    | 56     | 0.19    | 0.030  |
| 1301446 | Soil    |      |     | 1.94    | 55.96   | 16.22   | 100.0   | 142     | 63.3    | 15.8    | 198     | 3.92    | 6.9     | 0.3    | 1.5     | 1.5     | 12.4    | 0.37    | 0.70    | 0.28    | 57     | 0.22    | 0.030  |



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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301417 | Soil    | 5.6  | 36.0 | 0.60 | 845.4 | 0.002  | 4    | 1.67 | 0.006  | 0.14 | <0.1 | 6.2  | 0.33 | 0.07  | 134  | 0.6  | 0.07 | 5.3 |
| 1301418 | Soil    | 5.5  | 32.9 | 0.45 | 420.8 | 0.006  | 2    | 1.71 | 0.002  | 0.12 | <0.1 | 3.7  | 0.22 | 0.04  | 47   | 0.4  | 0.06 | 6.2 |
| 1301419 | Soil    | 7.2  | 30.9 | 0.46 | 175.2 | 0.015  | 2    | 1.55 | 0.003  | 0.07 | 0.1  | 3.2  | 0.20 | 0.03  | 36   | 0.6  | 0.05 | 4.7 |
| 1301420 | Soil    | 6.6  | 31.1 | 0.46 | 450.3 | 0.011  | 3    | 1.60 | 0.004  | 0.12 | 0.1  | 2.7  | 0.22 | 0.06  | 53   | 0.5  | 0.08 | 5.8 |
| 1301421 | Soil    | 7.9  | 33.7 | 0.47 | 262.4 | 0.017  | 3    | 1.79 | 0.003  | 0.09 | 0.1  | 3.4  | 0.22 | 0.05  | 45   | 0.5  | 0.07 | 6.0 |
| 1301422 | Soil    | 2.5  | 49.8 | 0.92 | 304.7 | <0.001 | 3    | 2.49 | <0.001 | 0.17 | <0.1 | 6.6  | 0.29 | 0.02  | 50   | 0.6  | 0.05 | 7.9 |
| 1301423 | Soil    | 8.1  | 36.3 | 0.34 | 412.3 | 0.021  | 2    | 2.00 | 0.017  | 0.14 | 0.1  | 3.7  | 1.30 | 0.22  | 43   | 1.6  | 0.06 | 7.5 |
| 1301424 | Soil    | 3.0  | 30.5 | 0.33 | 299.9 | 0.003  | 3    | 1.70 | 0.006  | 0.20 | <0.1 | 3.9  | 0.86 | 0.14  | 104  | 1.8  | 0.09 | 6.0 |
| 1301425 | Soil    | 8.9  | 33.6 | 0.48 | 678.0 | 0.017  | 3    | 2.01 | 0.003  | 0.10 | <0.1 | 3.7  | 0.34 | 0.04  | 28   | 0.6  | 0.05 | 6.2 |
| 1301426 | Soil    | 10.5 | 41.2 | 0.40 | 369.1 | 0.031  | 1    | 2.43 | 0.002  | 0.07 | 0.1  | 3.7  | 0.32 | 0.03  | 25   | 0.9  | 0.04 | 6.7 |
| 1301427 | Soil    | 10.7 | 37.8 | 0.44 | 342.5 | 0.031  | 1    | 2.17 | 0.003  | 0.06 | 0.2  | 3.4  | 0.38 | 0.03  | 18   | 0.6  | 0.02 | 6.6 |
| 1301428 | Soil    | 4.6  | 36.6 | 0.08 | 460.2 | 0.006  | 3    | 0.97 | 0.005  | 0.17 | 0.2  | 2.8  | 0.57 | 0.42  | 187  | 10.3 | 0.31 | 5.1 |
| 1301429 | Soil    | 4.0  | 84.0 | 0.11 | 174.1 | 0.011  | 2    | 1.27 | 0.014  | 0.24 | 0.2  | 2.9  | 0.50 | 0.83  | 157  | 19.0 | 0.56 | 9.2 |
| 1301430 | Soil    | 8.4  | 36.3 | 0.21 | 164.9 | 0.021  | 1    | 1.74 | 0.003  | 0.05 | 0.2  | 2.1  | 0.21 | 0.05  | 81   | 1.6  | 0.09 | 6.9 |
| 1301431 | Soil    | 5.4  | 84.3 | 0.12 | 298.5 | 0.010  | 3    | 0.70 | 0.007  | 0.14 | 0.2  | 3.9  | 0.32 | 0.40  | 263  | 12.7 | 0.15 | 3.5 |
| 1301432 | Soil    | 8.7  | 34.4 | 0.32 | 236.2 | 0.017  | 1    | 2.06 | 0.004  | 0.05 | 0.2  | 2.9  | 0.39 | 0.03  | 38   | 0.8  | 0.05 | 6.1 |
| 1301433 | Soil    | 10.8 | 36.7 | 0.46 | 458.2 | 0.022  | 1    | 2.05 | 0.006  | 0.05 | 0.2  | 3.4  | 0.25 | 0.03  | 26   | 1.1  | 0.05 | 4.9 |
| 1301434 | Soil    | 10.6 | 34.0 | 0.20 | 221.3 | 0.013  | <1   | 2.17 | 0.004  | 0.04 | 0.1  | 2.8  | 0.40 | <0.02 | 32   | 0.5  | 0.09 | 8.5 |
| 1301435 | Soil    | 9.2  | 34.1 | 0.34 | 176.3 | 0.020  | 1    | 2.08 | 0.003  | 0.04 | 0.2  | 2.9  | 0.31 | <0.02 | 42   | 0.8  | 0.04 | 5.4 |
| 1301436 | Soil    | 3.0  | 19.6 | 0.08 | 198.3 | 0.002  | 2    | 0.78 | 0.003  | 0.12 | <0.1 | 2.8  | 0.81 | 0.06  | 85   | 0.8  | 0.07 | 3.4 |
| 1301437 | Soil    | 7.4  | 22.6 | 0.10 | 85.0  | 0.011  | <1   | 1.18 | 0.002  | 0.04 | 0.1  | 2.7  | 0.34 | <0.02 | 52   | 0.6  | 0.08 | 5.5 |
| 1301438 | Soil    | 8.3  | 43.6 | 0.36 | 257.0 | 0.020  | 2    | 3.01 | 0.004  | 0.07 | 0.1  | 3.5  | 0.30 | 0.03  | 47   | 0.8  | 0.07 | 6.2 |
| 1301439 | Soil    | 11.3 | 27.3 | 0.36 | 447.6 | 0.019  | 2    | 1.37 | 0.007  | 0.08 | 0.2  | 3.4  | 0.36 | 0.05  | 52   | 0.8  | 0.06 | 4.0 |
| 1301440 | Soil    | 8.6  | 28.4 | 0.28 | 264.9 | 0.008  | 1    | 1.47 | 0.006  | 0.08 | <0.1 | 3.4  | 0.23 | 0.03  | 37   | 0.5  | 0.05 | 4.0 |
| 1301441 | Soil    | 4.9  | 28.8 | 0.32 | 356.4 | 0.005  | 3    | 1.57 | 0.013  | 0.16 | <0.1 | 3.1  | 0.73 | 0.21  | 283  | 1.0  | 0.09 | 5.9 |
| 1301442 | Soil    | 3.6  | 38.2 | 0.53 | 373.4 | 0.002  | 3    | 1.83 | 0.007  | 0.15 | <0.1 | 4.1  | 0.47 | 0.08  | 107  | 0.5  | 0.07 | 5.8 |
| 1301443 | Soil    | 2.2  | 42.2 | 0.69 | 496.0 | 0.001  | 4    | 2.16 | 0.002  | 0.13 | <0.1 | 4.0  | 0.43 | 0.03  | 48   | 0.3  | 0.08 | 6.8 |
| 1301444 | Soil    | 4.4  | 30.6 | 0.37 | 279.1 | 0.005  | 3    | 1.72 | 0.002  | 0.11 | <0.1 | 2.9  | 0.31 | <0.02 | 41   | 0.3  | 0.06 | 6.8 |
| 1301445 | Soil    | 2.8  | 38.3 | 0.63 | 1161  | 0.001  | 3    | 2.30 | 0.003  | 0.12 | <0.1 | 3.8  | 0.29 | <0.02 | 46   | 0.3  | 0.06 | 6.8 |
| 1301446 | Soil    | 1.8  | 42.2 | 0.71 | 978.8 | <0.001 | 2    | 2.38 | 0.001  | 0.11 | <0.1 | 4.3  | 0.29 | <0.02 | 41   | 0.3  | 0.08 | 6.9 |

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 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301447 | Soil    |      |     | 1.40    | 41.13   | 15.61   | 73.6    | 229     | 33.9    | 11.8    | 289     | 3.53    | 5.5     | 0.6    | 2.0     | 2.7     | 8.1     | 0.22    | 0.51    | 0.22    | 51     | 0.11    | 0.066  |
| 1301448 | Soil    |      |     | 7.25    | 31.94   | 7.75    | 77.0    | 1391    | 23.5    | 5.1     | 166     | 2.40    | 21.4    | 2.3    | 6.5     | 2.6     | 64.4    | 0.34    | 1.23    | 0.15    | 76     | 0.26    | 0.076  |
| 1301449 | Soil    |      |     | 6.35    | 11.41   | 10.62   | 50.7    | 253     | 12.9    | 3.2     | 120     | 2.12    | 13.1    | 0.5    | 2.5     | 1.8     | 11.0    | 0.10    | 1.28    | 0.24    | 133    | 0.07    | 0.016  |
| 1301450 | Soil    |      |     | 29.29   | 63.47   | 14.06   | 7.9     | 3944    | 4.4     | 0.4     | 12      | 3.85    | 65.1    | 13.2   | 5.4     | 2.2     | 171.5   | 0.08    | 1.49    | 0.29    | 183    | 0.01    | 0.065  |
| 1301451 | Soil    |      |     | 2.58    | 44.51   | 22.02   | 99.8    | 101     | 53.5    | 18.0    | 369     | 3.68    | 11.4    | 0.4    | 2.3     | 2.1     | 12.2    | 0.28    | 1.15    | 0.22    | 51     | 0.07    | 0.052  |
| 1301452 | Soil    |      |     | 11.89   | 50.30   | 31.09   | 93.9    | 209     | 48.6    | 11.0    | 328     | 4.34    | 32.4    | 0.7    | 2.9     | 2.3     | 27.9    | 0.25    | 2.56    | 0.24    | 40     | 0.05    | 0.054  |
| 1301453 | Soil    |      |     | 1.68    | 34.62   | 14.72   | 91.3    | 93      | 51.6    | 14.6    | 325     | 2.88    | 9.0     | 0.4    | 1.8     | 1.8     | 10.4    | 0.21    | 1.22    | 0.17    | 47     | 0.13    | 0.052  |
| 1301454 | Soil    |      |     | 26.33   | 20.52   | 12.79   | 78.1    | 297     | 19.7    | 3.9     | 207     | 3.94    | 28.8    | 0.8    | 4.3     | 1.2     | 29.7    | 0.23    | 4.07    | 0.23    | 116    | 0.04    | 0.033  |
| 1301455 | Soil    |      |     | 8.60    | 32.55   | 8.90    | 112.4   | 326     | 45.9    | 10.3    | 197     | 3.20    | 21.0    | 1.5    | 4.3     | 3.4     | 17.9    | 0.25    | 2.10    | 0.18    | 106    | 0.06    | 0.033  |
| 1301456 | Soil    |      |     | 19.07   | 24.36   | 11.65   | 99.5    | 708     | 24.0    | 4.3     | 121     | 3.16    | 25.1    | 1.1    | 1.9     | 1.3     | 34.4    | 0.56    | 3.36    | 0.20    | 167    | 0.05    | 0.058  |
| 1301457 | Soil    |      |     | 19.86   | 50.61   | 10.15   | 187.2   | 1123    | 55.5    | 8.4     | 231     | 3.00    | 22.0    | 4.6    | 3.6     | 1.8     | 69.2    | 1.15    | 6.25    | 0.18    | 273    | 0.15    | 0.110  |
| 1301458 | Soil    |      |     | 7.98    | 17.31   | 9.85    | 84.0    | 211     | 28.5    | 5.6     | 125     | 2.74    | 16.2    | 0.7    | 1.2     | 2.7     | 13.2    | 0.29    | 1.68    | 0.19    | 120    | 0.05    | 0.027  |
| 1301459 | Soil    |      |     | 8.86    | 41.28   | 9.43    | 153.3   | 640     | 71.7    | 17.6    | 313     | 3.08    | 22.4    | 2.3    | 5.4     | 3.7     | 21.2    | 0.82    | 2.73    | 0.16    | 123    | 0.10    | 0.047  |
| 1301460 | Soil    |      |     | 7.68    | 12.35   | 11.40   | 30.8    | 115     | 9.9     | 2.7     | 106     | 2.73    | 18.1    | 0.7    | 3.6     | 1.9     | 17.5    | 0.09    | 2.48    | 0.22    | 137    | 0.06    | 0.035  |
| 1301461 | Soil    |      |     | 11.05   | 16.37   | 13.41   | 48.1    | 518     | 16.3    | 4.0     | 126     | 3.38    | 16.4    | 1.4    | 3.2     | 2.6     | 13.1    | 0.17    | 2.27    | 0.25    | 190    | 0.07    | 0.071  |
| 1301462 | Soil    |      |     | 33.16   | 69.33   | 13.87   | 28.4    | 409     | 17.9    | 1.0     | 36      | 2.76    | 16.0    | 5.5    | 2.5     | 0.5     | 68.2    | 0.51    | 2.03    | 0.19    | 64     | 0.07    | 0.019  |
| 1301463 | Soil    |      |     | 66.70   | 26.45   | 20.50   | 38.6    | 670     | 12.1    | 1.8     | 43      | 9.29    | 114.5   | 1.3    | 10.8    | 1.8     | 87.7    | 0.05    | 6.94    | 0.32    | 82     | 0.01    | 0.084  |
| 1301464 | Soil    |      |     | 23.42   | 255.7   | 7.25    | 1225    | 1169    | 480.8   | 35.0    | 424     | 3.49    | 50.1    | 16.5   | 5.0     | 3.5     | 102.8   | 8.65    | 6.15    | 0.10    | 225    | 0.11    | 0.207  |
| 1301465 | Soil    |      |     | 8.23    | 41.84   | 12.69   | 94.7    | 608     | 24.8    | 4.3     | 74      | 2.97    | 16.6    | 1.7    | 6.5     | 2.8     | 32.0    | 0.33    | 1.61    | 0.22    | 54     | 0.09    | 0.059  |
| 1301466 | Soil    |      |     | 9.27    | 57.50   | 12.80   | 46.8    | 789     | 18.4    | 2.0     | 27      | 2.68    | 16.8    | 1.8    | 5.1     | 1.1     | 14.7    | 0.43    | 1.50    | 0.23    | 41     | 0.04    | 0.052  |
| 1301467 | Soil    |      |     | 8.49    | 42.24   | 19.58   | 40.0    | 877     | 17.3    | 2.0     | 38      | 2.74    | 17.0    | 1.4    | 5.3     | 1.8     | 15.0    | 0.45    | 1.37    | 0.24    | 37     | 0.06    | 0.048  |
| 1301468 | Soil    |      |     | 10.29   | 51.64   | 30.52   | 118.6   | 397     | 71.0    | 7.3     | 93      | 2.78    | 18.4    | 1.0    | 1.7     | 2.3     | 31.5    | 2.27    | 0.91    | 0.19    | 23     | 0.11    | 0.037  |
| 1301469 | Soil    |      |     | 2.87    | 27.56   | 17.48   | 129.8   | 222     | 58.0    | 10.3    | 188     | 2.82    | 10.1    | 0.5    | 2.7     | 2.1     | 17.3    | 1.12    | 0.89    | 0.15    | 53     | 0.10    | 0.026  |
| 1301470 | Soil    |      |     | 2.12    | 22.25   | 17.75   | 78.1    | 398     | 29.6    | 8.4     | 227     | 1.52    | 6.0     | 0.5    | 2.6     | 0.2     | 16.4    | 0.70    | 0.55    | 0.14    | 35     | 0.09    | 0.063  |
| 1301471 | Soil    |      |     | 2.64    | 24.59   | 15.17   | 90.3    | 201     | 43.6    | 10.3    | 340     | 2.56    | 8.4     | 0.6    | 1.8     | 1.4     | 14.1    | 0.32    | 0.68    | 0.17    | 65     | 0.10    | 0.049  |
| 1301472 | Soil    |      |     | 2.95    | 22.74   | 14.61   | 80.8    | 261     | 41.3    | 9.3     | 298     | 3.20    | 12.3    | 0.5    | 3.1     | 2.1     | 17.3    | 0.29    | 0.77    | 0.16    | 66     | 0.13    | 0.040  |
| 1301473 | Soil    |      |     | 3.74    | 28.72   | 13.45   | 93.0    | 457     | 42.5    | 6.5     | 110     | 2.58    | 11.4    | 0.5    | 2.1     | 1.6     | 18.5    | 0.41    | 1.26    | 0.15    | 53     | 0.08    | 0.035  |
| 1301474 | Soil    |      |     | 3.17    | 32.72   | 12.50   | 91.2    | 625     | 48.9    | 7.4     | 163     | 2.16    | 8.8     | 0.8    | 3.6     | 1.7     | 21.4    | 0.57    | 0.98    | 0.15    | 39     | 0.17    | 0.047  |
| 1301475 | Soil    |      |     | 7.06    | 30.73   | 13.64   | 72.1    | 388     | 26.7    | 4.8     | 88      | 2.26    | 16.0    | 0.8    | 1.5     | 1.9     | 15.8    | 0.46    | 1.40    | 0.17    | 41     | 0.04    | 0.034  |
| 1301476 | Soil    |      |     | 6.20    | 25.82   | 10.26   | 69.6    | 202     | 27.0    | 5.5     | 107     | 1.91    | 14.6    | 0.9    | 3.4     | 1.7     | 19.2    | 0.33    | 1.45    | 0.12    | 42     | 0.08    | 0.032  |



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Project: FACE  
 Report Date: August 12, 2012

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CERTIFICATE OF ANALYSIS

DAW12000161.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 |      |
|---------|---------|------|-------|------|-------|--------|------|------|-------|------|------|------|-------|-------|------|------|------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te   | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm  |      |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02 | 0.1  |
| 1301447 | Soil    | 3.9  | 33.7  | 0.41 | 314.2 | 0.002  | 2    | 1.83 | 0.004 | 0.11 | <0.1 | 4.1  | 0.30  | 0.04  | 85   | 0.5  | 0.06 | 5.9  |
| 1301448 | Soil    | 9.1  | 55.0  | 0.34 | 424.4 | 0.037  | 3    | 0.87 | 0.010 | 0.11 | 0.2  | 3.7  | 0.30  | 0.19  | 225  | 5.4  | 0.09 | 4.0  |
| 1301449 | Soil    | 10.1 | 22.8  | 0.14 | 182.5 | 0.054  | <1   | 0.89 | 0.003 | 0.05 | 0.1  | 1.5  | 0.23  | 0.03  | 18   | 1.1  | 0.09 | 8.6  |
| 1301450 | Soil    | 5.8  | 295.7 | 0.04 | 131.0 | 0.002  | 4    | 0.78 | 0.006 | 0.29 | 0.1  | 9.5  | 1.29  | 0.85  | 148  | 40.4 | 0.61 | 26.8 |
| 1301451 | Soil    | 5.0  | 36.5  | 0.59 | 194.6 | 0.007  | 3    | 1.98 | 0.006 | 0.11 | <0.1 | 3.9  | 0.35  | 0.06  | 79   | 0.6  | 0.08 | 5.6  |
| 1301452 | Soil    | 4.4  | 32.4  | 0.28 | 258.2 | 0.004  | 1    | 1.33 | 0.030 | 0.13 | <0.1 | 4.4  | 0.70  | 0.18  | 892  | 1.8  | 0.11 | 4.9  |
| 1301453 | Soil    | 5.0  | 33.1  | 0.62 | 155.8 | 0.006  | 3    | 1.75 | 0.005 | 0.10 | <0.1 | 3.5  | 0.26  | 0.04  | 53   | 0.5  | 0.05 | 5.0  |
| 1301454 | Soil    | 4.8  | 19.6  | 0.11 | 299.2 | 0.011  | 2    | 1.00 | 0.019 | 0.11 | <0.1 | 1.9  | 2.05  | 0.23  | 45   | 2.8  | 0.12 | 4.6  |
| 1301455 | Soil    | 7.2  | 52.4  | 0.36 | 427.7 | 0.024  | 2    | 2.45 | 0.006 | 0.07 | 0.1  | 4.3  | 0.75  | 0.06  | 67   | 2.3  | 0.10 | 5.5  |
| 1301456 | Soil    | 6.1  | 38.2  | 0.16 | 343.3 | 0.013  | 1    | 1.52 | 0.014 | 0.09 | 0.2  | 1.9  | 1.79  | 0.19  | 47   | 3.0  | 0.11 | 5.6  |
| 1301457 | Soil    | 8.9  | 51.0  | 0.35 | 670.4 | 0.017  | 3    | 2.06 | 0.009 | 0.09 | 0.2  | 3.8  | 1.02  | 0.12  | 95   | 4.5  | 0.09 | 5.7  |
| 1301458 | Soil    | 9.3  | 38.4  | 0.23 | 198.7 | 0.023  | <1   | 1.74 | 0.004 | 0.05 | 0.1  | 2.5  | 0.47  | 0.02  | 20   | 1.4  | 0.05 | 6.9  |
| 1301459 | Soil    | 9.6  | 48.9  | 0.42 | 795.8 | 0.024  | 2    | 2.13 | 0.009 | 0.07 | 0.1  | 5.2  | 1.11  | 0.06  | 81   | 2.9  | 0.08 | 4.9  |
| 1301460 | Soil    | 9.0  | 25.6  | 0.14 | 146.0 | 0.033  | <1   | 1.35 | 0.007 | 0.04 | 0.1  | 1.7  | 0.44  | 0.03  | 19   | 1.3  | 0.06 | 7.7  |
| 1301461 | Soil    | 10.2 | 40.6  | 0.22 | 427.1 | 0.019  | <1   | 2.08 | 0.003 | 0.04 | 0.2  | 2.8  | 0.50  | <0.02 | 37   | 1.6  | 0.06 | 8.1  |
| 1301462 | Soil    | 0.9  | 5.8   | 0.02 | 109.5 | <0.001 | 4    | 0.19 | 0.038 | 0.28 | <0.1 | 2.0  | 4.69  | 0.97  | 212  | 3.2  | 0.12 | 1.0  |
| 1301463 | Soil    | 1.6  | 19.8  | 0.04 | 80.9  | 0.007  | 3    | 0.43 | 0.137 | 0.47 | <0.1 | 2.5  | 12.07 | 1.51  | 87   | 8.9  | 0.44 | 4.9  |
| 1301464 | Soil    | 9.2  | 44.3  | 0.04 | 135.2 | 0.002  | 4    | 7.03 | 0.038 | 0.07 | <0.1 | 28.0 | 1.41  | 0.42  | 215  | 14.1 | 0.09 | 2.3  |
| 1301465 | Soil    | 5.8  | 24.8  | 0.22 | 542.2 | 0.011  | 4    | 1.06 | 0.019 | 0.09 | 0.1  | 3.7  | 1.00  | 0.14  | 110  | 3.8  | 0.07 | 3.3  |
| 1301466 | Soil    | 3.2  | 14.9  | 0.08 | 522.7 | 0.003  | 4    | 0.83 | 0.010 | 0.08 | <0.1 | 3.1  | 0.89  | 0.11  | 265  | 4.1  | 0.08 | 2.7  |
| 1301467 | Soil    | 3.5  | 16.5  | 0.12 | 450.4 | 0.003  | 4    | 0.84 | 0.008 | 0.09 | <0.1 | 3.3  | 1.09  | 0.10  | 362  | 4.2  | 0.07 | 2.9  |
| 1301468 | Soil    | 2.5  | 14.6  | 0.13 | 357.1 | 0.002  | 3    | 0.64 | 0.029 | 0.17 | <0.1 | 3.9  | 1.36  | 0.47  | 209  | 3.1  | 0.08 | 1.9  |
| 1301469 | Soil    | 6.1  | 29.8  | 0.32 | 425.9 | 0.008  | 2    | 1.37 | 0.005 | 0.08 | <0.1 | 2.9  | 0.38  | 0.04  | 37   | 1.0  | 0.06 | 4.1  |
| 1301470 | Soil    | 5.7  | 22.5  | 0.20 | 691.0 | 0.007  | 3    | 0.96 | 0.007 | 0.09 | <0.1 | 1.2  | 0.45  | 0.06  | 52   | 0.9  | 0.04 | 3.9  |
| 1301471 | Soil    | 8.9  | 30.1  | 0.36 | 375.1 | 0.015  | 2    | 1.56 | 0.003 | 0.06 | 0.1  | 2.8  | 0.29  | 0.02  | 16   | 0.6  | 0.06 | 5.4  |
| 1301472 | Soil    | 7.3  | 35.3  | 0.41 | 304.5 | 0.018  | 2    | 1.68 | 0.004 | 0.08 | 0.1  | 3.1  | 0.36  | 0.04  | 39   | 0.7  | 0.04 | 5.4  |
| 1301473 | Soil    | 5.7  | 27.9  | 0.26 | 369.9 | 0.010  | 2    | 1.15 | 0.009 | 0.10 | <0.1 | 2.6  | 0.49  | 0.09  | 44   | 1.6  | 0.09 | 3.9  |
| 1301474 | Soil    | 6.8  | 27.4  | 0.32 | 631.6 | 0.010  | 3    | 1.08 | 0.005 | 0.08 | <0.1 | 3.7  | 0.44  | 0.05  | 127  | 1.5  | 0.08 | 3.5  |
| 1301475 | Soil    | 5.8  | 17.1  | 0.14 | 723.3 | 0.006  | 3    | 0.76 | 0.012 | 0.09 | <0.1 | 2.6  | 0.74  | 0.13  | 53   | 2.2  | 0.08 | 2.5  |
| 1301476 | Soil    | 7.6  | 20.9  | 0.20 | 898.6 | 0.013  | 3    | 0.76 | 0.006 | 0.06 | <0.1 | 2.6  | 0.66  | 0.06  | 64   | 1.8  | 0.05 | 2.5  |

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CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |
|---------|---------|------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|------|------|------|------|-------|-------|
|         |         | Mo   | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr    | Cd    | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    |         | ppm  | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     |         | 0.01 | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.1  | 0.2  | 0.1   | 0.5   | 0.01 | 0.02 | 0.02 | 2    | 0.01  | 0.001 |
| 1301477 | Soil    | 4.00 | 32.31 | 10.75 | 83.2  | 573  | 36.8  | 8.5  | 204  | 2.00 | 9.5  | 1.2  | 3.0  | 1.4  | 21.0  | 0.90  | 0.93 | 0.14 | 46   | 0.15 | 0.047 |       |
| 1301478 | Soil    | 5.61 | 41.04 | 16.18 | 112.6 | 911  | 53.6  | 10.5 | 185  | 2.90 | 15.4 | 1.3  | 5.0  | 2.2  | 23.7  | 0.94  | 1.17 | 0.20 | 53   | 0.17 | 0.058 |       |
| 1301479 | Soil    | 3.70 | 34.97 | 11.48 | 83.0  | 869  | 29.3  | 7.0  | 197  | 2.29 | 13.5 | 1.3  | 5.5  | 2.2  | 45.0  | 0.90  | 1.61 | 0.16 | 60   | 0.35 | 0.087 |       |
| 1301480 | Soil    | 2.69 | 175.9 | 23.92 | 187.6 | 4475 | 71.1  | 12.0 | 279  | 7.74 | 15.8 | 1.8  | 26.0 | 1.7  | 139.3 | 0.25  | 1.66 | 0.38 | 145  | 0.16 | 0.142 |       |
| 1301481 | Soil    | 5.86 | 58.40 | 11.86 | 100.1 | 763  | 32.5  | 7.2  | 227  | 3.45 | 38.9 | 1.2  | 6.0  | 2.2  | 36.6  | 0.40  | 1.00 | 0.20 | 112  | 0.09 | 0.045 |       |
| 1301482 | Soil    | 3.30 | 13.09 | 12.17 | 55.4  | 823  | 14.0  | 4.7  | 142  | 2.58 | 12.5 | 0.5  | 1.6  | 2.5  | 9.4   | 0.18  | 0.72 | 0.20 | 91   | 0.06 | 0.023 |       |
| 1301483 | Soil    | 3.96 | 30.61 | 13.01 | 98.4  | 622  | 39.3  | 14.1 | 345  | 3.01 | 17.4 | 0.8  | 3.0  | 3.0  | 16.2  | 0.46  | 1.09 | 0.18 | 77   | 0.08 | 0.036 |       |
| 1301484 | Soil    | 3.54 | 27.15 | 12.22 | 110.1 | 696  | 40.2  | 15.0 | 285  | 2.95 | 16.4 | 0.8  | 3.6  | 3.5  | 15.4  | 0.42  | 1.00 | 0.17 | 76   | 0.09 | 0.030 |       |
| 1301485 | Soil    | 3.88 | 33.59 | 12.16 | 102.7 | 457  | 42.0  | 13.6 | 365  | 3.03 | 16.2 | 1.0  | 3.1  | 4.4  | 17.4  | 0.55  | 1.07 | 0.17 | 83   | 0.08 | 0.028 |       |
| 1301486 | Soil    | 1.15 | 50.88 | 13.61 | 88.9  | 78   | 57.4  | 14.7 | 194  | 2.97 | 8.1  | 0.3  | 1.2  | 1.7  | 15.9  | 0.16  | 0.53 | 0.20 | 43   | 0.24 | 0.034 |       |
| 1301487 | Soil    | 2.14 | 21.43 | 12.10 | 62.8  | 91   | 24.9  | 7.7  | 244  | 2.82 | 10.3 | 0.5  | 3.3  | 0.8  | 10.1  | 0.24  | 0.61 | 0.18 | 59   | 0.09 | 0.045 |       |
| 1301488 | Soil    | 2.11 | 26.77 | 14.54 | 78.1  | 116  | 35.7  | 12.7 | 382  | 3.03 | 11.6 | 0.6  | 2.2  | 1.8  | 9.2   | 0.18  | 0.72 | 0.17 | 59   | 0.07 | 0.045 |       |
| 1301489 | Soil    | 1.84 | 32.30 | 14.53 | 79.7  | 87   | 37.8  | 12.3 | 327  | 2.85 | 9.7  | 0.5  | 2.8  | 1.8  | 8.3   | 0.23  | 0.78 | 0.16 | 51   | 0.06 | 0.038 |       |
| 1301490 | Soil    | 2.15 | 21.12 | 13.58 | 57.7  | 84   | 23.7  | 7.9  | 255  | 3.03 | 9.8  | 0.5  | 2.2  | 0.7  | 8.9   | 0.14  | 0.65 | 0.17 | 65   | 0.08 | 0.041 |       |
| 1301491 | Soil    | 2.11 | 25.81 | 14.97 | 83.2  | 185  | 31.8  | 9.8  | 303  | 3.14 | 11.0 | 0.4  | 3.8  | 0.5  | 8.3   | 0.16  | 0.69 | 0.18 | 66   | 0.07 | 0.053 |       |
| 1301492 | Soil    | 1.81 | 39.85 | 18.94 | 77.7  | 137  | 41.9  | 13.4 | 321  | 3.05 | 9.3  | 0.7  | 2.9  | 2.0  | 9.7   | 0.17  | 0.68 | 0.18 | 50   | 0.06 | 0.054 |       |
| 1301493 | Soil    | 7.62 | 129.2 | 20.83 | 539.2 | 412  | 249.8 | 25.6 | 309  | 4.79 | 25.9 | 5.1  | 1.8  | 1.6  | 55.6  | 13.96 | 1.47 | 0.24 | 60   | 0.08 | 0.076 |       |
| 1301494 | Soil    | 8.03 | 33.33 | 12.48 | 43.3  | 772  | 26.6  | 2.4  | 27   | 2.43 | 13.5 | 1.3  | 4.0  | 1.5  | 17.2  | 0.48  | 1.31 | 0.17 | 50   | 0.08 | 0.048 |       |
| 1301495 | Soil    | 5.84 | 37.70 | 15.48 | 78.7  | 511  | 43.4  | 4.5  | 56   | 2.76 | 13.5 | 0.9  | 2.1  | 1.2  | 14.8  | 0.61  | 1.12 | 0.16 | 43   | 0.11 | 0.046 |       |
| 1301496 | Soil    | 6.44 | 49.59 | 25.49 | 102.8 | 523  | 40.3  | 4.5  | 62   | 3.46 | 14.8 | 1.4  | 4.3  | 1.9  | 18.7  | 0.33  | 1.34 | 0.22 | 43   | 0.05 | 0.049 |       |



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CERTIFICATE OF ANALYSIS

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|         | Method | 1F15    |      |      |       |        |     |      |        |      |      |      |      |       |     |     |      |     |
|---------|--------|---------|------|------|-------|--------|-----|------|--------|------|------|------|------|-------|-----|-----|------|-----|
|         |        | Analyte |      |      |       |        |     |      |        |      |      |      |      |       |     |     |      |     |
|         |        | La      | Cr   | Mg   | Ba    | Ti     | B   | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg  | Se  | Te   | Ga  |
|         |        | ppm     | ppm  | %    | ppm   | %      | ppm | %    | %      | %    | ppm  | ppm  | ppm  | %     | ppb | ppm | ppm  | ppm |
|         | MDL    | 0.5     | 0.5  | 0.01 | 0.5   | 0.001  | 1   | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5   | 0.1 | 0.02 | 0.1 |
| 1301477 | Soil   | 8.2     | 27.0 | 0.25 | 759.3 | 0.010  | 3   | 1.10 | 0.005  | 0.07 | <0.1 | 3.4  | 0.41 | 0.03  | 82  | 1.1 | 0.04 | 3.4 |
| 1301478 | Soil   | 6.0     | 29.1 | 0.22 | 1066  | 0.005  | 4   | 1.16 | 0.003  | 0.10 | <0.1 | 5.7  | 0.77 | 0.04  | 156 | 3.0 | 0.05 | 3.4 |
| 1301479 | Soil   | 11.1    | 27.2 | 0.39 | 946.2 | 0.026  | 4   | 1.04 | 0.009  | 0.07 | 0.2  | 3.7  | 0.40 | 0.04  | 91  | 2.6 | 0.10 | 3.6 |
| 1301480 | Soil   | 5.4     | 45.7 | 0.18 | 56.3  | 0.008  | 6   | 1.59 | 0.048  | 0.30 | 0.2  | 8.2  | 0.38 | 1.10  | 672 | 8.8 | 0.42 | 3.6 |
| 1301481 | Soil   | 7.3     | 59.0 | 0.29 | 321.2 | 0.025  | 3   | 1.85 | 0.003  | 0.10 | 0.2  | 4.1  | 0.33 | 0.18  | 98  | 4.5 | 0.12 | 6.5 |
| 1301482 | Soil   | 9.8     | 26.0 | 0.19 | 182.9 | 0.029  | 2   | 1.59 | 0.001  | 0.05 | 0.1  | 2.1  | 0.24 | <0.02 | 54  | 0.8 | 0.08 | 7.5 |
| 1301483 | Soil   | 9.4     | 40.6 | 0.48 | 333.2 | 0.032  | 3   | 2.48 | 0.004  | 0.09 | 0.1  | 4.0  | 0.33 | 0.07  | 59  | 2.1 | 0.06 | 5.5 |
| 1301484 | Soil   | 9.8     | 40.9 | 0.47 | 370.2 | 0.032  | 2   | 2.51 | 0.003  | 0.07 | 0.1  | 4.2  | 0.30 | 0.04  | 85  | 1.5 | 0.07 | 5.4 |
| 1301485 | Soil   | 11.5    | 43.6 | 0.52 | 591.4 | 0.035  | 2   | 2.45 | 0.004  | 0.07 | 0.1  | 4.8  | 0.31 | 0.05  | 37  | 1.5 | 0.06 | 5.6 |
| 1301486 | Soil   | 2.0     | 36.4 | 0.72 | 384.4 | 0.001  | 3   | 1.85 | <0.001 | 0.10 | <0.1 | 4.0  | 0.11 | <0.02 | 29  | 0.2 | 0.08 | 5.5 |
| 1301487 | Soil   | 7.8     | 30.4 | 0.40 | 223.1 | 0.015  | 2   | 1.62 | 0.002  | 0.08 | 0.1  | 2.3  | 0.21 | 0.04  | 57  | 0.4 | 0.05 | 5.4 |
| 1301488 | Soil   | 9.0     | 34.4 | 0.54 | 166.5 | 0.025  | 3   | 1.99 | 0.003  | 0.08 | 0.1  | 3.2  | 0.20 | 0.04  | 54  | 0.5 | 0.07 | 5.2 |
| 1301489 | Soil   | 6.5     | 31.7 | 0.47 | 135.6 | 0.014  | 2   | 1.61 | 0.002  | 0.07 | <0.1 | 3.3  | 0.16 | 0.03  | 49  | 0.5 | 0.04 | 4.8 |
| 1301490 | Soil   | 8.7     | 30.3 | 0.37 | 168.5 | 0.019  | 2   | 1.54 | 0.002  | 0.07 | 0.2  | 2.2  | 0.17 | 0.04  | 59  | 0.5 | 0.05 | 5.8 |
| 1301491 | Soil   | 6.4     | 34.4 | 0.45 | 156.6 | 0.012  | 2   | 1.86 | 0.001  | 0.07 | 0.1  | 1.8  | 0.19 | 0.04  | 62  | 0.4 | 0.05 | 6.1 |
| 1301492 | Soil   | 7.3     | 33.5 | 0.52 | 278.4 | 0.007  | 2   | 1.67 | 0.003  | 0.09 | <0.1 | 3.9  | 0.19 | 0.05  | 84  | 0.5 | 0.04 | 5.3 |
| 1301493 | Soil   | 3.0     | 22.6 | 0.05 | 300.6 | <0.001 | 4   | 1.41 | 0.026  | 0.19 | <0.1 | 13.4 | 1.08 | 0.50  | 128 | 4.7 | 0.10 | 1.8 |
| 1301494 | Soil   | 4.5     | 19.9 | 0.12 | 531.6 | 0.002  | 3   | 0.99 | 0.003  | 0.07 | <0.1 | 3.3  | 0.98 | 0.06  | 185 | 3.8 | 0.07 | 2.9 |
| 1301495 | Soil   | 3.8     | 22.9 | 0.18 | 207.5 | 0.003  | 3   | 1.00 | 0.002  | 0.09 | <0.1 | 2.5  | 0.54 | 0.05  | 156 | 3.0 | 0.05 | 3.3 |
| 1301496 | Soil   | 3.6     | 24.7 | 0.19 | 419.2 | 0.005  | 3   | 0.82 | 0.014  | 0.12 | <0.1 | 4.6  | 0.81 | 0.19  | 187 | 2.9 | 0.08 | 3.4 |



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 Report Date: August 12, 2012

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QUALITY CONTROL REPORT

DAW12000161.1

| Method          | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |       |
|-----------------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte         | Mo   | Cu    | Pb    | Zn    | Ag    | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit            | ppm  | ppm   | ppm   | ppm   | ppb   | ppm   | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL             | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| Pulp Duplicates |      |       |       |       |       |       |      |      |      |      |      |      |      |      |       |       |       |      |      |       |       |
| LB12002         | Soil | 3.86  | 47.65 | 24.13 | 60.8  | 1727  | 20.1 | 4.5  | 180  | 3.74 | 10.9 | 1.2  | 4.9  | 1.0  | 37.3  | 0.30  | 1.70  | 0.28 | 80   | 0.04  | 0.060 |
| REP LB12002     | QC   | 3.74  | 47.87 | 23.62 | 58.4  | 1698  | 20.0 | 4.3  | 174  | 3.72 | 10.8 | 1.2  | 3.7  | 0.9  | 35.6  | 0.28  | 1.56  | 0.27 | 79   | 0.04  | 0.057 |
| SL12008         | Soil | 9.39  | 44.25 | 9.79  | 150.8 | 1713  | 65.0 | 7.3  | 176  | 2.22 | 10.8 | 1.6  | 4.3  | 0.6  | 168.6 | 0.85  | 1.15  | 0.09 | 47   | 2.05  | 0.104 |
| REP SL12008     | QC   | 9.14  | 43.88 | 9.72  | 151.9 | 1652  | 65.5 | 7.5  | 177  | 2.23 | 10.6 | 1.5  | 4.4  | 0.6  | 169.7 | 0.86  | 1.14  | 0.10 | 47   | 2.06  | 0.104 |
| SL12013         | Soil | 5.89  | 33.22 | 10.81 | 215.0 | 3732  | 92.4 | 7.0  | 72   | 2.29 | 13.1 | 2.9  | 3.9  | 1.4  | 384.6 | 0.41  | 1.78  | 0.14 | 95   | 1.22  | 0.319 |
| REP SL12013     | QC   | 5.81  | 32.18 | 10.64 | 216.0 | 3752  | 89.8 | 6.7  | 71   | 2.32 | 13.1 | 2.9  | 3.5  | 1.4  | 378.4 | 0.42  | 1.82  | 0.14 | 96   | 1.22  | 0.321 |
| TW12017         | Soil | 10.42 | 18.34 | 10.91 | 57.3  | 322   | 21.4 | 5.2  | 165  | 2.84 | 16.9 | 1.2  | 2.6  | 2.2  | 18.7  | 0.23  | 4.41  | 0.18 | 209  | 0.06  | 0.051 |
| REP TW12017     | QC   | 10.68 | 19.49 | 11.12 | 61.0  | 320   | 23.6 | 5.4  | 169  | 2.93 | 17.3 | 1.3  | 3.0  | 2.4  | 19.9  | 0.24  | 4.39  | 0.19 | 219  | 0.07  | 0.056 |
| TW12022         | Soil | 4.80  | 28.57 | 21.02 | 46.1  | 2361  | 15.1 | 2.6  | 97   | 2.69 | 12.3 | 1.0  | 6.4  | 1.6  | 29.1  | 0.15  | 1.22  | 0.35 | 86   | 0.03  | 0.036 |
| REP TW12022     | QC   | 4.67  | 29.22 | 21.02 | 46.5  | 2397  | 15.2 | 2.9  | 98   | 2.72 | 12.5 | 1.0  | 7.0  | 1.6  | 30.0  | 0.18  | 1.26  | 0.34 | 88   | 0.03  | 0.037 |
| GP 2012 005     | Soil | 2.59  | 22.41 | 11.98 | 84.3  | 203   | 30.7 | 8.2  | 258  | 2.68 | 9.7  | 0.5  | 10.1 | 2.3  | 16.6  | 0.36  | 1.07  | 0.21 | 57   | 0.14  | 0.040 |
| REP GP 2012 005 | QC   | 2.60  | 22.00 | 11.71 | 81.8  | 201   | 30.1 | 8.1  | 255  | 2.66 | 9.6  | 0.5  | 7.2  | 2.2  | 16.7  | 0.28  | 1.00  | 0.19 | 56   | 0.14  | 0.039 |
| GP 2012 036     | Soil | 8.95  | 65.36 | 4.92  | 306.4 | 36664 | 58.6 | 0.6  | 13   | 0.49 | 12.7 | 11.9 | 0.9  | 2.1  | 427.9 | 11.19 | 1.79  | 0.19 | 245  | 0.29  | 0.301 |
| REP GP 2012 036 | QC   | 8.71  | 64.93 | 4.99  | 301.5 | 36639 | 58.5 | 0.6  | 13   | 0.49 | 12.5 | 11.9 | 1.3  | 2.0  | 429.9 | 11.00 | 1.83  | 0.18 | 245  | 0.28  | 0.307 |
| GP 2012 041     | Soil | 5.75  | 44.59 | 7.46  | 308.8 | 5278  | 63.9 | 7.2  | 182  | 1.99 | 15.1 | 3.3  | 4.0  | 2.6  | 120.3 | 6.19  | 2.43  | 0.17 | 114  | 0.72  | 0.121 |
| REP GP 2012 041 | QC   | 5.60  | 43.09 | 7.29  | 306.1 | 5034  | 63.9 | 6.9  | 182  | 1.95 | 14.7 | 3.1  | 4.2  | 2.6  | 114.4 | 6.03  | 2.36  | 0.16 | 108  | 0.69  | 0.122 |
| 1301342         | Soil | 37.25 | 31.98 | 20.84 | 27.8  | 1245  | 13.3 | 1.2  | 26   | 2.49 | 45.5 | 1.3  | 4.1  | 0.5  | 38.6  | 0.09  | 14.98 | 0.21 | 141  | 0.01  | 0.037 |
| REP 1301342     | QC   | 37.32 | 31.92 | 20.87 | 27.4  | 1266  | 14.0 | 1.2  | 27   | 2.47 | 46.3 | 1.4  | 3.5  | 0.5  | 39.3  | 0.09  | 13.99 | 0.22 | 144  | 0.02  | 0.037 |
| 1301347         | Soil | 1.98  | 27.82 | 15.16 | 75.1  | 126   | 34.5 | 10.4 | 309  | 2.97 | 9.1  | 0.4  | 2.4  | 0.9  | 10.5  | 0.21  | 0.88  | 0.23 | 51   | 0.11  | 0.045 |
| REP 1301347     | QC   | 2.00  | 28.03 | 15.35 | 77.3  | 125   | 34.8 | 10.7 | 297  | 2.94 | 9.2  | 0.4  | 2.3  | 0.9  | 10.7  | 0.21  | 0.86  | 0.22 | 50   | 0.11  | 0.047 |
| 1301389         | Soil | 32.79 | 45.62 | 28.17 | 70.1  | 2481  | 19.1 | 1.7  | 24   | 5.17 | 61.8 | 2.2  | 5.7  | 1.1  | 177.1 | 1.06  | 32.25 | 0.25 | 215  | 0.02  | 0.110 |
| REP 1301389     | QC   | 31.93 | 44.15 | 26.48 | 71.0  | 2342  | 18.4 | 1.7  | 24   | 5.17 | 60.0 | 2.2  | 4.9  | 1.0  | 167.9 | 0.99  | 30.06 | 0.24 | 217  | 0.02  | 0.103 |
| 1301394         | Soil | 8.98  | 132.4 | 7.65  | 28.8  | 2824  | 18.7 | 0.3  | 4    | 0.47 | 8.1  | 9.1  | 3.8  | 0.7  | 90.6  | 0.65  | 0.82  | 0.21 | 36   | 0.07  | 0.023 |
| REP 1301394     | QC   | 8.65  | 132.7 | 7.68  | 30.6  | 2739  | 19.0 | 0.3  | 4    | 0.48 | 8.0  | 8.9  | 4.0  | 0.7  | 95.6  | 0.61  | 0.83  | 0.20 | 35   | 0.07  | 0.022 |
| 1301425         | Soil | 2.53  | 24.52 | 14.95 | 82.6  | 127   | 33.8 | 10.5 | 220  | 3.11 | 10.9 | 0.5  | 2.1  | 2.9  | 15.4  | 0.33  | 0.87  | 0.19 | 67   | 0.12  | 0.032 |
| REP 1301425     | QC   | 2.59  | 25.49 | 15.21 | 83.8  | 123   | 34.7 | 10.7 | 226  | 3.17 | 11.1 | 0.5  | 2.6  | 3.0  | 15.8  | 0.38  | 0.87  | 0.20 | 67   | 0.13  | 0.033 |
| 1301430         | Soil | 6.21  | 17.82 | 11.93 | 96.3  | 574   | 18.0 | 4.7  | 171  | 3.54 | 15.0 | 0.7  | 3.5  | 2.4  | 12.0  | 0.30  | 1.24  | 0.22 | 98   | 0.07  | 0.032 |
| REP 1301430     | QC   | 6.34  | 18.52 | 12.27 | 99.2  | 580   | 18.8 | 5.0  | 181  | 3.60 | 15.5 | 0.7  | 4.2  | 2.4  | 13.1  | 0.27  | 1.24  | 0.21 | 100  | 0.07  | 0.032 |



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 Report Date: August 12, 2012

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DAW12000161.1

| Method          | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |     |
|-----------------|------|------|-------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|-----|
| Analyte         | La   | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |     |
| Unit            | ppm  | ppm  | %     | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |     |
| MDL             | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |     |
| Pulp Duplicates |      |      |       |      |       |       |      |       |       |      |      |      |      |      |      |      |      |     |
| LB12002         | Soil | 5.5  | 31.9  | 0.16 | 533.8 | 0.015 | 3    | 0.96  | 0.005 | 0.18 | 0.2  | 3.5  | 0.30 | 0.42 | 145  | 6.1  | 0.34 | 4.2 |
| REP LB12002     | QC   | 5.3  | 30.6  | 0.15 | 494.2 | 0.014 | 3    | 0.95  | 0.005 | 0.18 | 0.2  | 3.5  | 0.30 | 0.41 | 146  | 5.8  | 0.30 | 3.9 |
| SL12008         | Soil | 6.2  | 32.7  | 0.25 | 1407  | 0.010 | 7    | 0.84  | 0.010 | 0.07 | 0.2  | 3.9  | 0.30 | 0.18 | 160  | 3.1  | 0.07 | 2.2 |
| REP SL12008     | QC   | 6.1  | 31.9  | 0.25 | 1399  | 0.010 | 7    | 0.83  | 0.010 | 0.07 | 0.2  | 3.7  | 0.28 | 0.18 | 151  | 2.9  | 0.06 | 2.3 |
| SL12013         | Soil | 4.5  | 59.1  | 0.12 | 2601  | 0.004 | 8    | 1.38  | 0.005 | 0.04 | 0.2  | 6.2  | 0.31 | 0.07 | 185  | 3.8  | 0.05 | 3.1 |
| REP SL12013     | QC   | 4.5  | 59.5  | 0.11 | 2619  | 0.004 | 8    | 1.38  | 0.005 | 0.04 | 0.1  | 6.4  | 0.31 | 0.07 | 185  | 4.0  | 0.08 | 3.1 |
| TW12017         | Soil | 9.3  | 40.2  | 0.27 | 293.2 | 0.018 | <1   | 1.78  | 0.002 | 0.05 | 0.1  | 3.0  | 0.40 | 0.03 | 23   | 2.0  | 0.08 | 6.5 |
| REP TW12017     | QC   | 9.9  | 42.8  | 0.29 | 304.5 | 0.020 | <1   | 1.85  | 0.002 | 0.05 | 0.1  | 3.2  | 0.44 | 0.03 | 25   | 2.1  | 0.09 | 6.8 |
| TW12022         | Soil | 5.4  | 36.1  | 0.12 | 211.8 | 0.013 | 3    | 1.15  | 0.003 | 0.08 | 0.1  | 2.3  | 0.20 | 0.08 | 166  | 5.0  | 0.15 | 4.6 |
| REP TW12022     | QC   | 5.4  | 37.2  | 0.12 | 212.1 | 0.014 | 2    | 1.11  | 0.003 | 0.08 | 0.1  | 2.5  | 0.20 | 0.09 | 161  | 5.0  | 0.13 | 4.4 |
| GP 2012 005     | Soil | 7.6  | 30.0  | 0.42 | 327.0 | 0.013 | 2    | 1.44  | 0.007 | 0.08 | 0.2  | 2.8  | 0.27 | 0.03 | 41   | 0.5  | 0.06 | 4.9 |
| REP GP 2012 005 | QC   | 7.4  | 30.0  | 0.43 | 324.8 | 0.012 | 2    | 1.42  | 0.007 | 0.08 | 0.1  | 2.8  | 0.25 | 0.03 | 34   | 0.7  | 0.04 | 4.6 |
| GP 2012 036     | Soil | 14.2 | 537.3 | 0.05 | 4042  | 0.023 | 10   | 0.57  | 0.005 | 0.04 | 0.7  | 3.0  | 0.28 | 0.11 | 798  | 38.6 | 0.24 | 1.9 |
| REP GP 2012 036 | QC   | 14.3 | 544.1 | 0.05 | 3957  | 0.023 | 10   | 0.57  | 0.006 | 0.04 | 0.7  | 3.0  | 0.40 | 0.11 | 814  | 38.5 | 0.26 | 1.7 |
| GP 2012 041     | Soil | 10.4 | 68.5  | 0.36 | 2243  | 0.024 | 7    | 0.87  | 0.013 | 0.06 | 0.2  | 4.3  | 0.31 | 0.09 | 135  | 4.8  | 0.06 | 3.3 |
| REP GP 2012 041 | QC   | 9.6  | 65.9  | 0.35 | 2076  | 0.022 | 7    | 0.83  | 0.013 | 0.06 | 0.2  | 4.0  | 0.30 | 0.08 | 152  | 4.4  | 0.06 | 3.1 |
| 1301342         | Soil | 1.7  | 15.0  | 0.03 | 270.7 | 0.001 | 3    | 0.42  | 0.059 | 0.19 | <0.1 | 2.5  | 5.95 | 0.51 | 102  | 21.0 | 0.25 | 3.0 |
| REP 1301342     | QC   | 1.9  | 15.9  | 0.03 | 234.1 | 0.001 | 4    | 0.45  | 0.057 | 0.19 | <0.1 | 2.6  | 5.77 | 0.51 | 101  | 21.0 | 0.26 | 3.0 |
| 1301347         | Soil | 5.6  | 31.2  | 0.48 | 265.8 | 0.008 | 3    | 1.42  | 0.003 | 0.10 | 0.1  | 2.6  | 0.15 | 0.04 | 46   | 0.4  | 0.03 | 4.6 |
| REP 1301347     | QC   | 5.8  | 31.2  | 0.49 | 272.1 | 0.009 | 2    | 1.40  | 0.004 | 0.10 | <0.1 | 2.6  | 0.16 | 0.04 | 42   | 0.4  | 0.07 | 4.7 |
| 1301389         | Soil | 2.1  | 14.7  | 0.02 | 84.6  | 0.001 | 3    | 0.70  | 0.114 | 0.27 | <0.1 | 2.7  | 3.20 | 1.16 | 44   | 28.4 | 0.19 | 2.9 |
| REP 1301389     | QC   | 2.1  | 14.5  | 0.02 | 84.6  | 0.001 | 4    | 0.71  | 0.114 | 0.27 | <0.1 | 2.5  | 3.11 | 1.17 | 54   | 26.6 | 0.21 | 2.8 |
| 1301394         | Soil | 3.8  | 56.8  | 0.03 | 1258  | 0.002 | 15   | 0.42  | 0.004 | 0.09 | <0.1 | 3.9  | 0.12 | 0.11 | 332  | 3.7  | 0.05 | 2.8 |
| REP 1301394     | QC   | 3.8  | 55.9  | 0.03 | 1240  | 0.002 | 16   | 0.40  | 0.004 | 0.09 | <0.1 | 3.9  | 0.12 | 0.11 | 333  | 3.6  | 0.05 | 2.7 |
| 1301425         | Soil | 8.9  | 33.6  | 0.48 | 678.0 | 0.017 | 3    | 2.01  | 0.003 | 0.10 | <0.1 | 3.7  | 0.34 | 0.04 | 28   | 0.6  | 0.05 | 6.2 |
| REP 1301425     | QC   | 9.0  | 35.0  | 0.50 | 678.1 | 0.018 | 2    | 2.03  | 0.003 | 0.10 | 0.1  | 3.8  | 0.34 | 0.04 | 34   | 0.7  | 0.06 | 6.3 |
| 1301430         | Soil | 8.4  | 36.3  | 0.21 | 164.9 | 0.021 | 1    | 1.74  | 0.003 | 0.05 | 0.2  | 2.1  | 0.21 | 0.05 | 81   | 1.6  | 0.09 | 6.9 |
| REP 1301430     | QC   | 8.8  | 38.2  | 0.21 | 172.1 | 0.022 | 2    | 1.77  | 0.003 | 0.05 | 0.2  | 2.2  | 0.23 | 0.04 | 77   | 1.6  | 0.10 | 7.1 |

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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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 12, 2012

Page: 2 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000161.1

|                     |          | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15   |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
|                     |          | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     | P      |
|                     |          | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      | %      |
|                     |          | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   | 0.001  |
| 1301461             | Soil     | 11.05 | 16.37 | 13.41 | 48.1  | 518  | 16.3 | 4.0  | 126  | 3.38  | 16.4 | 1.4  | 3.2   | 2.6  | 13.1 | 0.17  | 2.27  | 0.25  | 190  | 0.07   | 0.071  |
| REP 1301461         | QC       | 11.11 | 16.72 | 13.81 | 50.1  | 515  | 17.1 | 4.2  | 123  | 3.40  | 16.3 | 1.5  | 2.8   | 2.7  | 12.6 | 0.17  | 2.34  | 0.26  | 187  | 0.06   | 0.068  |
| 1301466             | Soil     | 9.27  | 57.50 | 12.80 | 46.8  | 789  | 18.4 | 2.0  | 27   | 2.68  | 16.8 | 1.8  | 5.1   | 1.1  | 14.7 | 0.43  | 1.50  | 0.23  | 41   | 0.04   | 0.052  |
| REP 1301466         | QC       | 9.12  | 57.61 | 12.43 | 46.1  | 789  | 18.5 | 2.0  | 28   | 2.70  | 17.2 | 1.8  | 7.5   | 1.2  | 15.2 | 0.36  | 1.46  | 0.21  | 41   | 0.04   | 0.052  |
| 1301496             | Soil     | 6.44  | 49.59 | 25.49 | 102.8 | 523  | 40.3 | 4.5  | 62   | 3.46  | 14.8 | 1.4  | 4.3   | 1.9  | 18.7 | 0.33  | 1.34  | 0.22  | 43   | 0.05   | 0.049  |
| REP 1301496         | QC       | 6.12  | 46.16 | 23.84 | 95.5  | 515  | 37.6 | 4.2  | 58   | 3.36  | 13.7 | 1.3  | 4.1   | 1.8  | 17.8 | 0.31  | 1.27  | 0.16  | 41   | 0.04   | 0.047  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| STD DS9             | Standard | 14.08 | 105.5 | 128.0 | 296.5 | 1771 | 42.9 | 7.7  | 582  | 2.29  | 22.5 | 2.6  | 111.7 | 6.1  | 67.1 | 2.09  | 5.18  | 5.79  | 39   | 0.74   | 0.079  |
| STD DS9             | Standard | 13.32 | 100.9 | 123.8 | 317.7 | 1994 | 41.1 | 7.8  | 598  | 2.33  | 27.1 | 2.4  | 129.7 | 5.8  | 67.1 | 2.55  | 5.60  | 6.23  | 40   | 0.73   | 0.083  |
| STD DS9             | Standard | 13.84 | 105.7 | 134.6 | 315.8 | 1938 | 42.4 | 7.5  | 604  | 2.34  | 24.6 | 2.7  | 130.1 | 6.4  | 71.2 | 2.15  | 5.41  | 6.34  | 40   | 0.74   | 0.082  |
| STD DS9             | Standard | 15.12 | 103.6 | 132.2 | 314.2 | 1984 | 45.7 | 7.6  | 641  | 2.37  | 24.0 | 2.5  | 129.1 | 6.0  | 76.6 | 2.20  | 5.12  | 5.97  | 42   | 0.76   | 0.081  |
| STD DS9             | Standard | 13.69 | 101.9 | 127.1 | 306.0 | 1861 | 40.0 | 7.8  | 608  | 2.31  | 23.7 | 2.6  | 130.0 | 6.3  | 75.8 | 2.20  | 5.13  | 6.21  | 40   | 0.76   | 0.080  |
| STD DS9             | Standard | 13.05 | 104.2 | 125.2 | 299.5 | 1885 | 41.6 | 7.8  | 578  | 2.33  | 23.7 | 2.6  | 119.8 | 5.9  | 69.0 | 2.19  | 5.30  | 6.21  | 39   | 0.73   | 0.082  |
| STD DS9             | Standard | 13.02 | 100.6 | 125.1 | 313.2 | 1942 | 39.4 | 7.7  | 579  | 2.24  | 23.7 | 2.5  | 124.5 | 5.8  | 69.7 | 2.19  | 5.53  | 6.11  | 37   | 0.73   | 0.082  |
| STD DS9             | Standard | 12.60 | 107.8 | 118.1 | 286.4 | 1792 | 40.0 | 7.5  | 540  | 2.31  | 23.7 | 2.7  | 132.4 | 6.6  | 68.2 | 2.22  | 5.60  | 6.73  | 39   | 0.73   | 0.076  |
| STD DS9             | Standard | 13.21 | 101.5 | 118.3 | 307.9 | 1886 | 41.5 | 7.9  | 588  | 2.28  | 25.7 | 2.5  | 114.7 | 6.0  | 66.2 | 2.28  | 4.65  | 5.75  | 39   | 0.72   | 0.079  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | 0.09  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 10   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | 0.5   | 2    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 4    | 0.1  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 10   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | 0.2   | 5    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | 0.12  | 0.05  | <0.1  | 6    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 6    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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Project: FACE  
 Report Date: August 12, 2012

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QUALITY CONTROL REPORT

DAW12000161.1

|                     |          | 1F15<br>La<br>ppm<br>0.5 | 1F15<br>Cr<br>ppm<br>0.5 | 1F15<br>Mg<br>%<br>0.01 | 1F15<br>Ba<br>ppm<br>0.5 | 1F15<br>Ti<br>%<br>0.001 | 1F15<br>B<br>ppm<br>1 | 1F15<br>Al<br>%<br>0.01 | 1F15<br>Na<br>%<br>0.001 | 1F15<br>K<br>%<br>0.01 | 1F15<br>W<br>ppm<br>0.1 | 1F15<br>Sc<br>ppm<br>0.1 | 1F15<br>Ti<br>ppm<br>0.02 | 1F15<br>S<br>%<br>0.02 | 1F15<br>Hg<br>ppb<br>5 | 1F15<br>Se<br>ppm<br>0.1 | 1F15<br>Te<br>ppm<br>0.02 | 1F15<br>Ga<br>ppm<br>0.1 |
|---------------------|----------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|------------------------|------------------------|--------------------------|---------------------------|--------------------------|
| 1301461             | Soil     | 10.2                     | 40.6                     | 0.22                    | 427.1                    | 0.019                    | <1                    | 2.08                    | 0.003                    | 0.04                   | 0.2                     | 2.8                      | 0.50                      | <0.02                  | 37                     | 1.6                      | 0.06                      | 8.1                      |
| REP 1301461         | QC       | 10.4                     | 38.7                     | 0.20                    | 412.6                    | 0.017                    | <1                    | 2.06                    | 0.003                    | 0.04                   | 0.2                     | 2.7                      | 0.48                      | <0.02                  | 30                     | 1.5                      | 0.08                      | 8.5                      |
| 1301466             | Soil     | 3.2                      | 14.9                     | 0.08                    | 522.7                    | 0.003                    | 4                     | 0.83                    | 0.010                    | 0.08                   | <0.1                    | 3.1                      | 0.89                      | 0.11                   | 265                    | 4.1                      | 0.08                      | 2.7                      |
| REP 1301466         | QC       | 3.1                      | 15.2                     | 0.08                    | 520.5                    | 0.003                    | 3                     | 0.83                    | 0.010                    | 0.08                   | <0.1                    | 3.2                      | 0.86                      | 0.12                   | 267                    | 3.9                      | 0.11                      | 2.6                      |
| 1301496             | Soil     | 3.6                      | 24.7                     | 0.19                    | 419.2                    | 0.005                    | 3                     | 0.82                    | 0.014                    | 0.12                   | <0.1                    | 4.6                      | 0.81                      | 0.19                   | 187                    | 2.9                      | 0.08                      | 3.4                      |
| REP 1301496         | QC       | 3.4                      | 22.0                     | 0.17                    | 395.5                    | 0.004                    | 3                     | 0.81                    | 0.014                    | 0.11                   | <0.1                    | 4.4                      | 0.78                      | 0.19                   | 167                    | 2.8                      | 0.05                      | 3.0                      |
| Reference Materials |          |                          |                          |                         |                          |                          |                       |                         |                          |                        |                         |                          |                           |                        |                        |                          |                           |                          |
| STD DS9             | Standard | 13.8                     | 117.4                    | 0.63                    | 293.0                    | 0.115                    | 2                     | 0.99                    | 0.087                    | 0.41                   | 3.1                     | 2.4                      | 5.52                      | 0.16                   | 192                    | 5.4                      | 4.97                      | 4.8                      |
| STD DS9             | Standard | 12.9                     | 118.5                    | 0.62                    | 319.9                    | 0.105                    | 3                     | 0.95                    | 0.082                    | 0.40                   | 3.3                     | 2.7                      | 6.01                      | 0.16                   | 221                    | 5.7                      | 5.42                      | 4.9                      |
| STD DS9             | Standard | 13.8                     | 117.0                    | 0.62                    | 312.0                    | 0.109                    | 3                     | 0.95                    | 0.084                    | 0.40                   | 3.3                     | 2.5                      | 5.93                      | 0.16                   | 225                    | 5.7                      | 5.65                      | 4.9                      |
| STD DS9             | Standard | 13.3                     | 129.3                    | 0.63                    | 331.3                    | 0.126                    | 2                     | 0.99                    | 0.084                    | 0.40                   | 3.2                     | 2.8                      | 5.94                      | 0.16                   | 223                    | 5.5                      | 5.34                      | 5.2                      |
| STD DS9             | Standard | 13.9                     | 117.2                    | 0.62                    | 309.9                    | 0.110                    | 3                     | 1.01                    | 0.101                    | 0.41                   | 3.1                     | 2.8                      | 5.75                      | 0.16                   | 200                    | 5.5                      | 5.48                      | 5.0                      |
| STD DS9             | Standard | 13.0                     | 115.8                    | 0.63                    | 312.4                    | 0.107                    | 4                     | 0.99                    | 0.085                    | 0.41                   | 3.2                     | 2.4                      | 5.60                      | 0.16                   | 217                    | 5.5                      | 5.30                      | 4.8                      |
| STD DS9             | Standard | 12.3                     | 118.1                    | 0.60                    | 294.6                    | 0.102                    | 3                     | 0.94                    | 0.096                    | 0.40                   | 3.0                     | 2.4                      | 5.75                      | 0.16                   | 223                    | 5.4                      | 5.45                      | 4.8                      |
| STD DS9             | Standard | 13.4                     | 110.4                    | 0.62                    | 287.4                    | 0.109                    | <1                    | 0.98                    | 0.085                    | 0.40                   | 2.8                     | 2.2                      | 5.02                      | 0.17                   | 175                    | 5.0                      | 4.90                      | 4.3                      |
| STD DS9             | Standard | 12.6                     | 117.1                    | 0.62                    | 288.5                    | 0.108                    | 3                     | 0.96                    | 0.084                    | 0.39                   | 2.9                     | 2.4                      | 5.61                      | 0.16                   | 242                    | 5.7                      | 5.32                      | 4.7                      |
| STD DS9 Expected    |          | 13.3                     | 121                      | 0.6165                  | 295                      | 0.1108                   |                       | 0.9577                  | 0.0853                   | 0.395                  | 2.89                    | 2.5                      | 5.3                       | 0.1615                 | 200                    | 5.2                      | 5.02                      | 4.59                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK                 | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |





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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 23, 2012  
Report Date: August 02, 2012  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

DAW12000162.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID:  
P.O. Number  
Number of Samples: 32

### SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 32                | Dry at 60C  |              |               | DAW |
| SS80        | 32                | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 32                | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 32                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 02, 2012

Page: 2 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000162.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301497 | Soil    |      |     | 6.21    | 46.82   | 42.20   | 131.6   | 530     | 45.9    | 6.2     | 110     | 3.92    | 14.8    | 0.8    | 5.6     | 2.2     | 26.7    | 0.55    | 1.64    | 0.27    | 44     | 0.04    | 0.043  |
| 1301498 | Soil    |      |     | 7.56    | 42.72   | 34.78   | 143.3   | 509     | 53.4    | 7.5     | 100     | 3.00    | 16.8    | 0.6    | 3.2     | 2.3     | 27.6    | 0.98    | 1.91    | 0.21    | 40     | 0.10    | 0.040  |
| 1301499 | Soil    |      |     | 4.08    | 26.63   | 27.14   | 163.4   | 262     | 55.1    | 9.0     | 259     | 3.34    | 12.7    | 0.5    | 1.9     | 2.5     | 17.1    | 0.69    | 1.14    | 0.21    | 73     | 0.10    | 0.040  |
| 1301500 | Soil    |      |     | 3.89    | 15.76   | 18.62   | 81.8    | 135     | 23.9    | 4.7     | 140     | 3.51    | 13.4    | 0.5    | 1.8     | 1.1     | 13.7    | 0.47    | 1.10    | 0.24    | 100    | 0.07    | 0.054  |
| 1302473 | Soil    |      |     | 5.90    | 32.07   | 18.32   | 64.8    | 930     | 19.2    | 4.5     | 163     | 2.06    | 10.4    | 1.2    | 7.5     | 1.3     | 60.7    | 0.35    | 1.92    | 0.18    | 94     | 0.22    | 0.119  |
| 1302474 | Soil    |      |     | 3.61    | 64.04   | 23.60   | 83.4    | 1723    | 26.5    | 5.1     | 114     | 5.53    | 17.2    | 0.7    | 22.9    | 1.6     | 81.1    | 0.26    | 1.51    | 0.34    | 103    | 0.07    | 0.072  |
| 1302475 | Soil    |      |     | 3.77    | 67.62   | 22.36   | 107.8   | 2521    | 27.5    | 6.2     | 202     | 4.56    | 13.1    | 1.0    | 8.1     | 1.9     | 48.8    | 0.19    | 1.48    | 0.35    | 126    | 0.06    | 0.063  |
| 1302476 | Soil    |      |     | 3.02    | 22.13   | 12.95   | 67.2    | 745     | 29.5    | 10.4    | 235     | 2.76    | 13.1    | 0.7    | 3.6     | 3.8     | 15.6    | 0.24    | 1.03    | 0.20    | 81     | 0.11    | 0.026  |
| 1302477 | Soil    |      |     | 14.00   | 97.13   | 12.94   | 87.5    | 1920    | 28.8    | 2.8     | 66      | 1.73    | 13.6    | 6.2    | 2.7     | 1.8     | 237.5   | 2.21    | 5.16    | 0.24    | 175    | 0.47    | 0.239  |
| 1302478 | Soil    |      |     | 11.70   | 31.24   | 26.66   | 78.9    | 591     | 22.8    | 4.8     | 117     | 3.20    | 26.5    | 1.0    | 3.2     | 1.8     | 26.5    | 0.14    | 2.18    | 0.27    | 84     | 0.03    | 0.036  |
| 1302479 | Soil    |      |     | 5.91    | 38.83   | 21.47   | 103.0   | 430     | 35.4    | 7.8     | 128     | 3.18    | 15.1    | 0.6    | 2.8     | 2.2     | 23.2    | 0.22    | 1.60    | 0.23    | 45     | 0.10    | 0.049  |
| 1302480 | Soil    |      |     | 2.28    | 53.22   | 26.21   | 124.9   | 294     | 59.6    | 18.9    | 394     | 3.34    | 10.4    | 0.5    | 1.7     | 2.8     | 34.7    | 0.32    | 0.97    | 0.24    | 52     | 0.28    | 0.053  |
| 1302481 | Soil    |      |     | 2.10    | 29.86   | 19.59   | 81.9    | 94      | 23.2    | 9.2     | 357     | 3.51    | 9.3     | 0.5    | 0.3     | 1.8     | 11.4    | 0.23    | 0.63    | 0.24    | 74     | 0.12    | 0.067  |
| 1302482 | Soil    |      |     | 2.12    | 41.70   | 28.56   | 87.7    | 109     | 39.7    | 19.0    | 588     | 3.39    | 9.0     | 0.7    | 0.5     | 3.0     | 7.6     | 0.36    | 0.68    | 0.24    | 64     | 0.08    | 0.079  |
| 1302483 | Soil    |      |     | 2.96    | 37.11   | 18.96   | 70.9    | 92      | 27.3    | 7.6     | 209     | 3.37    | 11.5    | 0.5    | 0.8     | 1.1     | 12.7    | 0.20    | 0.90    | 0.22    | 68     | 0.11    | 0.064  |
| 1302484 | Soil    |      |     | 2.17    | 37.28   | 24.03   | 77.7    | 88      | 40.2    | 16.0    | 406     | 3.09    | 9.5     | 0.5    | 2.0     | 1.3     | 11.0    | 0.19    | 1.05    | 0.19    | 56     | 0.11    | 0.056  |
| 1302485 | Soil    |      |     | 2.16    | 39.38   | 18.33   | 81.8    | 84      | 43.7    | 14.8    | 367     | 3.06    | 9.8     | 0.6    | 1.6     | 1.3     | 10.2    | 0.23    | 0.99    | 0.19    | 61     | 0.09    | 0.038  |
| 1302486 | Soil    |      |     | 4.08    | 47.51   | 45.72   | 76.1    | 105     | 41.0    | 11.8    | 175     | 3.26    | 17.4    | 0.6    | 2.9     | 2.4     | 78.0    | 0.18    | 1.40    | 0.25    | 43     | 0.06    | 0.046  |
| 1302487 | Soil    |      |     | 2.89    | 59.95   | 30.59   | 116.6   | 214     | 56.3    | 21.1    | 420     | 3.90    | 12.1    | 0.6    | 3.0     | 2.6     | 9.0     | 0.29    | 1.18    | 0.25    | 54     | 0.09    | 0.069  |
| 1302488 | Soil    |      |     | 2.73    | 30.65   | 19.88   | 71.3    | 114     | 34.4    | 10.6    | 291     | 3.38    | 10.9    | 0.6    | 1.1     | 2.0     | 11.6    | 0.15    | 0.89    | 0.22    | 72     | 0.10    | 0.048  |
| 1302489 | Soil    |      |     | 1.82    | 46.91   | 22.77   | 75.1    | 79      | 44.4    | 18.0    | 428     | 3.10    | 8.6     | 0.7    | 2.1     | 3.0     | 9.8     | 0.17    | 0.82    | 0.20    | 58     | 0.09    | 0.048  |
| 1302490 | Soil    |      |     | 2.03    | 46.28   | 23.40   | 78.2    | 76      | 39.2    | 13.0    | 293     | 3.84    | 9.0     | 0.5    | 0.7     | 1.5     | 7.8     | 0.22    | 0.80    | 0.24    | 63     | 0.09    | 0.082  |
| 1302491 | Soil    |      |     | 1.88    | 57.72   | 20.97   | 98.3    | 121     | 53.2    | 15.0    | 219     | 3.57    | 10.8    | 0.6    | 2.1     | 2.1     | 9.5     | 0.27    | 0.91    | 0.24    | 59     | 0.11    | 0.060  |
| 1302492 | Soil    |      |     | 2.06    | 42.84   | 20.89   | 102.6   | 84      | 54.4    | 18.3    | 336     | 3.25    | 11.8    | 0.5    | 1.6     | 2.8     | 11.4    | 0.21    | 0.98    | 0.17    | 53     | 0.07    | 0.039  |
| 1302493 | Soil    |      |     | 1.72    | 39.12   | 17.54   | 88.3    | 43      | 48.5    | 17.0    | 449     | 3.35    | 10.7    | 0.7    | 1.1     | 3.5     | 10.9    | 0.26    | 0.85    | 0.21    | 63     | 0.11    | 0.043  |
| 1302494 | Soil    |      |     | 1.81    | 44.01   | 15.74   | 108.2   | 117     | 54.4    | 16.0    | 361     | 3.07    | 8.7     | 0.6    | 1.5     | 2.2     | 10.9    | 0.22    | 0.74    | 0.18    | 54     | 0.08    | 0.054  |
| 1302495 | Soil    |      |     | 1.68    | 43.21   | 20.30   | 94.4    | 60      | 52.3    | 17.2    | 260     | 3.12    | 9.0     | 0.5    | 1.2     | 2.5     | 9.9     | 0.29    | 0.94    | 0.19    | 55     | 0.09    | 0.034  |
| 1302496 | Soil    |      |     | 1.64    | 86.35   | 31.68   | 147.8   | 110     | 79.2    | 23.1    | 376     | 3.82    | 7.0     | 0.7    | 2.8     | 4.8     | 12.4    | 0.36    | 0.73    | 0.31    | 56     | 0.17    | 0.061  |
| 1302497 | Soil    |      |     | 2.11    | 58.36   | 23.36   | 102.4   | 105     | 83.9    | 17.2    | 348     | 3.33    | 9.4     | 0.7    | 2.0     | 2.6     | 13.9    | 0.28    | 1.00    | 0.23    | 156    | 0.12    | 0.053  |
| 1302498 | Soil    |      |     | 1.49    | 57.07   | 19.02   | 84.4    | 63      | 59.1    | 17.4    | 288     | 3.27    | 7.9     | 0.5    | 0.2     | 3.1     | 6.1     | 0.17    | 0.72    | 0.21    | 54     | 0.05    | 0.028  |



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Project: FACE  
 Report Date: August 02, 2012

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CERTIFICATE OF ANALYSIS

DAW12000162.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301497 | Soil    | 4.1  | 26.7 | 0.18 | 498.8 | 0.004 | 3    | 0.91 | 0.025 | 0.17 | <0.1 | 3.9  | 1.03 | 0.32  | 80   | 2.5  | 0.10 | 3.5 |
| 1301498 | Soil    | 4.4  | 24.1 | 0.21 | 599.3 | 0.004 | 3    | 0.89 | 0.029 | 0.16 | <0.1 | 3.3  | 1.33 | 0.27  | 61   | 2.9  | 0.08 | 3.3 |
| 1301499 | Soil    | 7.1  | 36.3 | 0.35 | 320.5 | 0.011 | 2    | 1.76 | 0.005 | 0.12 | 0.1  | 3.5  | 0.51 | 0.05  | 37   | 1.0  | 0.05 | 5.4 |
| 1301500 | Soil    | 9.4  | 32.0 | 0.19 | 201.8 | 0.034 | 1    | 1.19 | 0.004 | 0.06 | 0.1  | 2.0  | 0.34 | 0.03  | 39   | 0.5  | 0.11 | 7.9 |
| 1302473 | Soil    | 8.9  | 27.4 | 0.20 | 1055  | 0.020 | 4    | 0.71 | 0.012 | 0.12 | 0.3  | 2.9  | 0.37 | 0.16  | 177  | 2.3  | 0.25 | 3.1 |
| 1302474 | Soil    | 4.3  | 39.1 | 0.17 | 87.0  | 0.013 | 6    | 1.27 | 0.043 | 0.28 | 0.1  | 5.3  | 0.30 | 0.91  | 168  | 3.0  | 0.45 | 5.2 |
| 1302475 | Soil    | 6.7  | 40.5 | 0.23 | 656.4 | 0.018 | 4    | 1.78 | 0.011 | 0.17 | 0.1  | 4.9  | 0.29 | 0.32  | 141  | 4.5  | 0.23 | 7.0 |
| 1302476 | Soil    | 10.8 | 35.3 | 0.41 | 380.2 | 0.037 | 3    | 1.86 | 0.006 | 0.07 | 0.1  | 3.4  | 0.21 | 0.03  | 73   | 1.5  | 0.07 | 5.6 |
| 1302477 | Soil    | 6.3  | 24.2 | 0.15 | 723.3 | 0.012 | 6    | 0.68 | 0.015 | 0.16 | <0.1 | 4.7  | 1.17 | 0.27  | 91   | 7.3  | 0.16 | 2.5 |
| 1302478 | Soil    | 4.0  | 23.1 | 0.13 | 697.5 | 0.003 | 4    | 1.22 | 0.022 | 0.17 | <0.1 | 3.6  | 1.62 | 0.18  | 51   | 3.0  | 0.11 | 4.9 |
| 1302479 | Soil    | 2.6  | 28.4 | 0.37 | 381.1 | 0.001 | 4    | 1.23 | 0.018 | 0.16 | <0.1 | 3.6  | 0.80 | 0.15  | 202  | 2.3  | 0.05 | 4.4 |
| 1302480 | Soil    | 3.4  | 38.6 | 0.75 | 402.4 | 0.003 | 5    | 1.82 | 0.009 | 0.17 | <0.1 | 5.5  | 0.24 | 0.09  | 95   | 0.3  | 0.08 | 5.8 |
| 1302481 | Soil    | 7.1  | 31.1 | 0.38 | 249.8 | 0.008 | 3    | 1.72 | 0.006 | 0.10 | <0.1 | 3.3  | 0.22 | 0.03  | 51   | 0.5  | 0.04 | 7.1 |
| 1302482 | Soil    | 7.7  | 40.4 | 0.52 | 196.7 | 0.007 | 4    | 1.81 | 0.003 | 0.12 | <0.1 | 4.1  | 0.20 | 0.04  | 61   | 0.6  | 0.10 | 6.1 |
| 1302483 | Soil    | 6.8  | 33.8 | 0.35 | 239.2 | 0.007 | 3    | 1.59 | 0.007 | 0.14 | <0.1 | 2.8  | 0.29 | 0.06  | 80   | 0.7  | 0.09 | 6.3 |
| 1302484 | Soil    | 6.8  | 32.6 | 0.46 | 196.5 | 0.009 | 2    | 1.60 | 0.004 | 0.12 | <0.1 | 3.0  | 0.21 | 0.04  | 68   | 0.5  | 0.05 | 5.0 |
| 1302485 | Soil    | 8.1  | 36.5 | 0.56 | 166.7 | 0.015 | 3    | 1.80 | 0.004 | 0.12 | <0.1 | 3.3  | 0.19 | 0.03  | 47   | 0.4  | 0.03 | 5.5 |
| 1302486 | Soil    | 4.0  | 34.8 | 0.38 | 230.6 | 0.003 | 3    | 1.83 | 0.012 | 0.22 | <0.1 | 4.9  | 0.36 | 0.18  | 170  | 1.0  | 0.07 | 5.9 |
| 1302487 | Soil    | 4.1  | 40.3 | 0.66 | 330.3 | 0.005 | 4    | 1.90 | 0.004 | 0.18 | <0.1 | 5.5  | 0.37 | 0.04  | 86   | 0.5  | 0.12 | 6.2 |
| 1302488 | Soil    | 9.2  | 38.2 | 0.48 | 176.5 | 0.017 | 3    | 1.79 | 0.004 | 0.11 | 0.1  | 3.5  | 0.23 | 0.04  | 59   | 0.5  | 0.07 | 6.5 |
| 1302489 | Soil    | 9.3  | 37.2 | 0.59 | 222.0 | 0.009 | 3    | 1.74 | 0.004 | 0.12 | 0.1  | 4.2  | 0.28 | 0.03  | 41   | 0.5  | 0.04 | 5.4 |
| 1302490 | Soil    | 4.4  | 38.3 | 0.49 | 180.6 | 0.004 | 3    | 1.72 | 0.002 | 0.13 | <0.1 | 3.5  | 0.21 | 0.04  | 56   | 0.5  | 0.07 | 6.4 |
| 1302491 | Soil    | 4.2  | 39.0 | 0.64 | 280.9 | 0.003 | 4    | 1.97 | 0.003 | 0.16 | <0.1 | 4.8  | 0.26 | 0.04  | 124  | 0.6  | 0.09 | 6.5 |
| 1302492 | Soil    | 6.5  | 38.2 | 0.70 | 156.2 | 0.009 | 3    | 1.82 | 0.006 | 0.12 | <0.1 | 4.4  | 0.22 | 0.04  | 58   | 0.5  | 0.06 | 5.4 |
| 1302493 | Soil    | 11.5 | 37.9 | 0.70 | 156.6 | 0.018 | 3    | 2.04 | 0.005 | 0.12 | 0.1  | 4.9  | 0.21 | 0.03  | 58   | 0.7  | 0.04 | 6.0 |
| 1302494 | Soil    | 5.6  | 39.7 | 0.69 | 206.2 | 0.005 | 4    | 1.89 | 0.005 | 0.16 | <0.1 | 4.6  | 0.20 | 0.05  | 49   | 0.4  | 0.03 | 5.6 |
| 1302495 | Soil    | 7.3  | 36.0 | 0.64 | 187.2 | 0.012 | 4    | 1.82 | 0.003 | 0.11 | <0.1 | 4.2  | 0.24 | <0.02 | 47   | 0.4  | 0.02 | 5.9 |
| 1302496 | Soil    | 4.2  | 46.7 | 1.03 | 265.5 | 0.001 | 5    | 2.30 | 0.003 | 0.19 | <0.1 | 8.6  | 0.20 | <0.02 | 41   | 0.5  | 0.06 | 6.7 |
| 1302497 | Soil    | 5.5  | 37.6 | 0.55 | 232.6 | 0.004 | 2    | 1.90 | 0.003 | 0.15 | <0.1 | 5.1  | 0.18 | 0.04  | 51   | 0.6  | 0.04 | 5.7 |
| 1302498 | Soil    | 4.7  | 43.0 | 0.78 | 194.3 | 0.003 | 4    | 2.00 | 0.002 | 0.14 | <0.1 | 5.2  | 0.19 | <0.02 | 40   | 0.4  | 0.08 | 6.2 |

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**Report Date:** August 02, 2012

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## CERTIFICATE OF ANALYSIS

DAW12000162.1

| Method  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |
|---------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1302499 | Soil | 1.77 | 30.32 | 17.31 | 80.3  | 87   | 37.6 | 12.2 | 378  | 2.87 | 10.1 | 0.6  | 1.6  | 2.5  | 11.9 | 0.19 | 0.86 | 0.15 | 59   | 0.10  | 0.033 |
| 1302500 | Soil | 1.69 | 63.64 | 23.44 | 111.0 | 100  | 62.1 | 19.9 | 393  | 3.55 | 10.3 | 0.7  | 1.9  | 3.7  | 9.1  | 0.26 | 0.88 | 0.25 | 59   | 0.09  | 0.051 |



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CERTIFICATE OF ANALYSIS

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| Method  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |     |
|---------|------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|-----|
| Analyte | La   | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |     |
| Unit    | ppm  | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |     |
| MDL     | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |     |
| 1302499 | Soil | 11.1 | 34.8 | 0.59 | 146.5 | 0.026 | 2    | 1.73  | 0.006 | 0.10 | 0.1  | 3.9  | 0.18 | 0.03 | 52   | 0.6  | 0.05 | 5.2 |
| 1302500 | Soil | 6.5  | 42.6 | 0.79 | 300.9 | 0.004 | 5    | 2.12  | 0.003 | 0.17 | <0.1 | 6.0  | 0.27 | 0.03 | 60   | 0.7  | 0.06 | 6.4 |



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**Report Date:** August 02, 2012

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## QUALITY CONTROL REPORT

DAW12000162.1

| Method              | 1F15     | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15   |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   | P      |        |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    | %      |        |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 | 0.001  |        |
| Pulp Duplicates     |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| 1302473             | Soil     | 5.90  | 32.07 | 18.32 | 64.8  | 930  | 19.2 | 4.5  | 163  | 2.06  | 10.4 | 1.2  | 7.5   | 1.3  | 60.7 | 0.35  | 1.92  | 0.18  | 94   | 0.22   | 0.119  |
| REP 1302473         | QC       | 5.91  | 31.88 | 17.79 | 61.1  | 948  | 18.6 | 4.9  | 159  | 2.07  | 10.0 | 1.3  | 7.8   | 1.3  | 61.2 | 0.38  | 1.92  | 0.17  | 97   | 0.21   | 0.116  |
| 1302500             | Soil     | 1.69  | 63.64 | 23.44 | 111.0 | 100  | 62.1 | 19.9 | 393  | 3.55  | 10.3 | 0.7  | 1.9   | 3.7  | 9.1  | 0.26  | 0.88  | 0.25  | 59   | 0.09   | 0.051  |
| REP 1302500         | QC       | 1.74  | 63.09 | 23.19 | 115.2 | 110  | 62.0 | 20.2 | 385  | 3.52  | 10.1 | 0.7  | 2.4   | 3.8  | 9.1  | 0.24  | 0.91  | 0.24  | 57   | 0.09   | 0.049  |
| Reference Materials |          |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |        |
| STD DS9             | Standard | 14.63 | 111.6 | 128.7 | 316.3 | 1998 | 42.3 | 8.1  | 619  | 2.43  | 26.4 | 2.9  | 123.3 | 7.1  | 76.6 | 2.34  | 5.39  | 6.15  | 42   | 0.80   | 0.086  |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK                 | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |



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**Project:** FACE  
**Report Date:** August 02, 2012

**Page:** 1 of 1

**Part:** 2 of 2

QUALITY CONTROL REPORT

DAW12000162.1

| Method              | 1F15     | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|----------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | La       | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | ppm      | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Pulp Duplicates     |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| 1302473             | Soil     | 8.9  | 27.4  | 0.20   | 1055  | 0.020  | 4    | 0.71   | 0.012  | 0.12  | 0.3  | 2.9  | 0.37  | 0.16   | 177  | 2.3  | 0.25  | 3.1  |
| REP 1302473         | QC       | 8.7  | 29.8  | 0.20   | 1145  | 0.020  | 5    | 0.71   | 0.012  | 0.13  | 0.2  | 2.8  | 0.36  | 0.16   | 176  | 2.2  | 0.13  | 3.0  |
| 1302500             | Soil     | 6.5  | 42.6  | 0.79   | 300.9 | 0.004  | 5    | 2.12   | 0.003  | 0.17  | <0.1 | 6.0  | 0.27  | 0.03   | 60   | 0.7  | 0.06  | 6.4  |
| REP 1302500         | QC       | 6.2  | 42.3  | 0.78   | 306.7 | 0.004  | 4    | 2.09   | 0.003  | 0.17  | <0.1 | 6.0  | 0.26  | 0.03   | 57   | 0.5  | 0.08  | 6.6  |
| Reference Materials |          |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard | 15.7 | 126.0 | 0.68   | 317.7 | 0.119  | 3    | 1.02   | 0.094  | 0.41  | 3.3  | 2.7  | 5.63  | 0.17   | 206  | 5.5  | 4.99  | 4.9  |
| STD DS9 Expected    |          | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank    | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 23, 2012  
Report Date: August 07, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000163.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-8  
P.O. Number  
Number of Samples: 3

### SAMPLE DISPOSAL

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

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

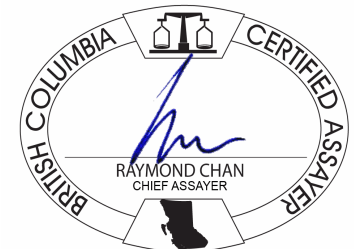
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

### ADDITIONAL COMMENTS



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





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Project: FACE  
 Report Date: August 07, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000163.1

| Method  | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 |      |
|---------|-------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|
| Analyte | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V    | Ca   |      |
| Unit    | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  | %    |      |
| MDL     | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | 2    | 0.01 |      |
| 1302014 | Silt  | 6    | 10.96 | 124.5 | 11.31 | 161.2 | 2457 | 46.5 | 4.7  | 84   | 3.86 | 19.7 | 5.8  | 2.6  | 1.5  | 118.9 | 1.51 | 1.91 | 0.18 | 117  | 0.18 |
| 1302015 | Silt  | 6    | 10.65 | 68.70 | 10.76 | 74.4  | 1932 | 25.6 | 2.1  | 41   | 4.44 | 16.3 | 4.7  | 3.1  | 1.1  | 79.5  | 0.79 | 2.05 | 0.14 | 108  | 0.12 |
| 1302016 | Silt  | 6    | 18.40 | 91.39 | 6.33  | 333.1 | 8675 | 86.2 | 2.7  | 42   | 2.55 | 34.0 | 11.8 | 1.7  | 1.3  | 224.7 | 4.73 | 3.14 | 0.14 | 213  | 0.46 |



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Project: FACE  
 Report Date: August 07, 2012

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000163.1

| Method  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|-------|-------|------|-------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | P     | La    | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |      |
| Unit    | %     | ppm   | ppm  | %     | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |      |
| 1302014 | Silt  | 0.130 | 4.2  | 68.7  | 0.15 | 321.0 | 0.004 | 8    | 1.02  | 0.015 | 0.16 | <0.1 | 6.4  | 0.43 | 0.47 | 187  | 11.8 | 0.13 | 3.3  |
| 1302015 | Silt  | 0.115 | 3.4  | 54.1  | 0.09 | 247.4 | 0.004 | 9    | 0.64  | 0.011 | 0.12 | 0.1  | 5.0  | 0.61 | 0.49 | 158  | 8.9  | 0.10 | 2.4  |
| 1302016 | Silt  | 0.342 | 7.1  | 201.0 | 0.07 | 356.3 | 0.007 | 15   | 0.82  | 0.007 | 0.09 | 0.3  | 6.1  | 0.65 | 0.31 | 280  | 17.5 | 0.11 | 3.6  |



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**Project:** FACE  
**Report Date:** August 07, 2012

Page: 1 of 1

Part: 1 of 2

## QUALITY CONTROL REPORT

DAW12000163.1

| Method              | 3B-50    | 1F30  | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30 | 1F30   | 1F30 |
|---------------------|----------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------|------|-------|-------|-------|------|--------|------|
| Analyte             | Au       | Mo    | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     |      |
| Unit                | ppb      | ppm   | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      |      |
| MDL                 | 2        | 0.01  | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   |      |
| Pulp Duplicates     |          |       |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |
| 1302016             | Silt     | 6     | 18.40 | 91.39 | 6.33  | 333.1 | 8675 | 86.2 | 2.7  | 42   | 2.55 | 34.0 | 11.8  | 1.7  | 1.3  | 224.7 | 4.73  | 3.14  | 0.14 | 213    | 0.46 |
| REP 1302016         | QC       | 7     |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |
| Reference Materials |          |       |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |
| STD DS9             | Standard | 13.60 | 104.8 | 124.0 | 302.0 | 1850  | 41.2 | 8.1  | 592  | 2.28 | 24.2 | 2.7  | 117.6 | 6.6  | 71.1 | 2.20  | 4.96  | 6.22  | 38   | 0.73   |      |
| STD DS9             | Standard | 13.60 | 104.8 | 124.0 | 302.0 | 1850  | 41.2 | 8.1  | 592  | 2.28 | 24.2 | 2.7  | 117.6 | 6.6  | 71.1 | 2.20  | 4.96  | 6.22  | 38   | 0.73   |      |
| STD OXA71           | Standard | 78    |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |
| STD DS9 Expected    |          | 12.84 | 108   | 126   | 317   | 1830  | 40.3 | 7.6  | 575  | 2.33 | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |      |
| STD OXA71 Expected  |          | 84.9  |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |
| BLK                 | Blank    | <0.01 | 0.07  | 0.03  | <0.1  | <2    | <0.1 | 0.2  | <1   | 0.03 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |      |
| BLK                 | Blank    | <0.01 | 0.07  | 0.03  | <0.1  | <2    | <0.1 | 0.2  | <1   | 0.03 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |      |
| BLK                 | Blank    | <2    |       |       |       |       |      |      |      |      |      |      |       |      |      |       |       |       |      |        |      |



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**Project:** FACE  
**Report Date:** August 07, 2012

**Page:** 1 of 1

**Part:** 2 of 2

## QUALITY CONTROL REPORT

DAW12000163.1

| Method              |          | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  | 1F30 |  |
|---------------------|----------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|--|
| Analyte             |          | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |  |
| Unit                |          | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |  |
| MDL                 |          | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |  |
| Pulp Duplicates     |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| 1302016             | Silt     | 0.342  | 7.1  | 201.0 | 0.07   | 356.3 | 0.007  | 15   | 0.82   | 0.007  | 0.09  | 0.3  | 6.1  | 0.65  | 0.31   | 280  | 17.5 | 0.11  | 3.6  |  |
| REP 1302016         | QC       |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| Reference Materials |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| STD DS9             | Standard | 0.082  | 14.6 | 118.0 | 0.61   | 290.1 | 0.116  | 3    | 0.95   | 0.086  | 0.39  | 2.9  | 2.8  | 5.43  | 0.16   | 205  | 5.0  | 5.06  | 4.6  |  |
| STD DS9             | Standard | 0.082  | 14.6 | 118.0 | 0.61   | 290.1 | 0.116  | 3    | 0.95   | 0.086  | 0.39  | 2.9  | 2.8  | 5.43  | 0.16   | 205  | 5.0  | 5.06  | 4.6  |  |
| STD OXA71           | Standard |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| STD DS9 Expected    |          | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |  |
| STD OXA71 Expected  |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| BLK                 | Blank    | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |  |
| BLK                 | Blank    | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |  |
| BLK                 | Blank    |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 26, 2012  
Report Date: August 20, 2012  
Page: 1 of 9

## CERTIFICATE OF ANALYSIS

DAW12000173.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-16  
P.O. Number  
Number of Samples: 230

### SAMPLE DISPOSAL

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

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

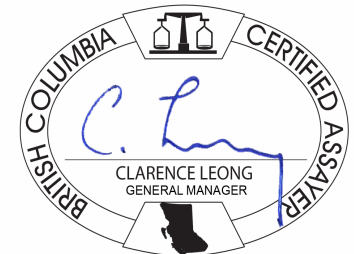
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| Dry at 60C  | 230               | Dry at 60C  |              |               | DAW |
| SS80        | 230               | Dry at 60C sieve 100g to -80 mesh                     |              |               | DAW |
| RJSV        | 230               | Saving all or part of Soil Reject                     |              |               | DAW |
| 1F02        | 230               | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
Report Date: August 20, 2012

Page: 2 of 9

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method         | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|----------------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|                |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|                |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| GP2012 1301501 | Soil    |      |     | 53.79   | 92.10   | 14.02   | 634.5   | 2299    | 129.6   | 15.7    | 449     | 2.36    | 25.7    | 5.7    | 7.3     | 1.1     | 18.9    | 3.04    | 8.13    | 0.29    | 316    | 0.22    | 0.164  |
| GP2012 1301502 | Soil    |      |     | 93.30   | 458.3   | 17.94   | 1384    | 13305   | 199.4   | 11.4    | 137     | 2.11    | 40.7    | 39.8   | 9.1     | 3.9     | 95.5    | 17.30   | 16.79   | 0.32    | 1574   | 4.43    | 1.861  |
| GP2012 1301503 | Soil    |      |     | 182.3   | 267.9   | 33.35   | 985.3   | 9100    | 194.1   | 8.7     | 112     | 1.88    | 97.3    | 24.0   | 13.7    | 1.9     | 121.3   | 14.69   | 20.74   | 0.31    | 1022   | 7.90    | 0.740  |
| GP2012 1301504 | Soil    |      |     | 17.52   | 34.83   | 11.08   | 495.1   | 2989    | 85.7    | 7.5     | 178     | 1.62    | 18.1    | 6.9    | 1.8     | 1.2     | 61.1    | 6.06    | 5.25    | 0.21    | 213    | 1.47    | 0.156  |
| GP2012 1301505 | Soil    |      |     | 16.26   | 28.54   | 14.37   | 565.5   | 1640    | 102.3   | 10.2    | 141     | 2.00    | 11.4    | 4.0    | 2.5     | 0.1     | 38.4    | 5.63    | 4.83    | 0.16    | 161    | 0.65    | 0.116  |
| GP2012 1301506 | Soil    |      |     | 42.49   | 99.01   | 13.64   | 1365    | 3613    | 323.9   | 18.1    | 227     | 2.15    | 16.5    | 5.4    | 2.0     | 1.4     | 32.8    | 38.12   | 13.81   | 0.15    | 347    | 0.68    | 0.107  |
| GP2012 1301507 | Soil    |      |     | 23.08   | 36.93   | 33.44   | 46.9    | 900     | 25.3    | 6.2     | 175     | 2.88    | 28.5    | 1.4    | 7.1     | 1.5     | 18.1    | 0.49    | 2.17    | 0.29    | 50     | 0.18    | 0.050  |
| GP2012 1301508 | Soil    |      |     | 15.83   | 63.43   | 19.16   | 86.2    | 898     | 30.3    | 5.3     | 148     | 3.51    | 32.1    | 2.2    | 2.4     | 1.8     | 86.7    | 0.83    | 5.91    | 0.15    | 80     | 0.09    | 0.113  |
| GP2012 1301509 | Soil    |      |     | 11.55   | 35.10   | 34.09   | 94.7    | 544     | 35.5    | 8.6     | 211     | 3.56    | 21.7    | 1.0    | 4.1     | 1.9     | 15.5    | 0.38    | 1.87    | 0.25    | 44     | 0.09    | 0.054  |
| GP2012 1301510 | Soil    |      |     | 8.50    | 55.10   | 32.35   | 139.6   | 589     | 52.0    | 13.8    | 316     | 3.68    | 21.3    | 1.0    | 3.5     | 2.2     | 30.2    | 0.56    | 1.96    | 0.27    | 43     | 0.12    | 0.073  |
| GP2012 1301511 | Soil    |      |     | 5.08    | 21.46   | 19.04   | 59.7    | 118     | 18.3    | 5.3     | 175     | 3.40    | 15.6    | 0.5    | 2.7     | 2.1     | 14.1    | 0.24    | 1.07    | 0.24    | 60     | 0.09    | 0.038  |
| GP2012 1301512 | Soil    |      |     | 1.74    | 25.30   | 11.27   | 79.0    | 167     | 49.7    | 14.0    | 266     | 3.17    | 10.7    | 0.6    | 2.2     | 2.9     | 12.1    | 0.22    | 0.85    | 0.13    | 57     | 0.11    | 0.034  |
| GP2012 1301513 | Soil    |      |     | 1.86    | 24.96   | 12.48   | 63.7    | 104     | 33.3    | 10.5    | 220     | 3.18    | 11.2    | 0.5    | 2.2     | 2.8     | 9.2     | 0.28    | 0.83    | 0.15    | 53     | 0.09    | 0.034  |
| GP2012 1301514 | Soil    |      |     | 3.01    | 29.48   | 11.48   | 67.8    | 124     | 33.5    | 10.3    | 242     | 3.02    | 14.2    | 0.7    | 3.2     | 1.8     | 11.3    | 0.34    | 1.06    | 0.18    | 54     | 0.08    | 0.039  |
| GP2012 1301515 | Soil    |      |     | 4.14    | 17.93   | 13.23   | 45.4    | 154     | 12.7    | 3.4     | 115     | 2.96    | 15.6    | 0.4    | 1.6     | 2.4     | 7.4     | 0.12    | 1.10    | 0.22    | 68     | 0.05    | 0.024  |
| GP2012 1301516 | Soil    |      |     | 54.17   | 67.84   | 49.26   | 69.6    | 704     | 40.2    | 6.5     | 102     | 7.60    | 102.8   | 2.6    | 4.6     | 1.9     | 14.1    | 0.39    | 2.52    | 0.43    | 93     | 0.03    | 0.047  |
| GP2012 1301517 | Soil    |      |     | 6.57    | 38.79   | 26.23   | 101.2   | 299     | 33.6    | 9.3     | 309     | 3.30    | 24.4    | 0.6    | 2.4     | 1.7     | 19.7    | 0.39    | 2.01    | 0.23    | 50     | 0.13    | 0.069  |
| GP2012 1301518 | Soil    |      |     | 3.22    | 40.36   | 16.11   | 196.1   | 171     | 89.2    | 25.4    | 771     | 4.11    | 14.0    | 0.7    | 2.8     | 2.1     | 14.0    | 1.02    | 1.05    | 0.22    | 53     | 0.14    | 0.058  |
| GP2012 1301519 | Soil    |      |     | 0.75    | 10.25   | 12.49   | 81.2    | 67      | 9.0     | 5.8     | 409     | 1.33    | 3.3     | 0.4    | 0.9     | 0.4     | 17.3    | 0.44    | 0.28    | 0.10    | 28     | 1.53    | 0.046  |
| GP2012 1301520 | Soil    |      |     | 1.89    | 17.83   | 39.57   | 88.2    | 288     | 25.0    | 8.9     | 330     | 2.04    | 9.8     | 0.7    | 1.9     | 1.9     | 30.8    | 0.50    | 0.77    | 0.12    | 34     | 4.79    | 0.091  |
| GP2012 1301521 | Soil    |      |     | 2.97    | 18.48   | 20.35   | 93.9    | 213     | 27.7    | 12.0    | 610     | 2.55    | 11.5    | 0.8    | 5.0     | 2.5     | 30.1    | 0.48    | 0.68    | 0.16    | 52     | 1.99    | 0.032  |
| GP2012 1301522 | Soil    |      |     | 17.60   | 9.41    | 15.54   | 127.0   | 181     | 24.5    | 5.0     | 115     | 1.48    | 14.8    | 11.9   | 1.6     | 1.4     | 51.0    | 0.27    | 1.16    | 0.09    | 32     | 8.08    | 0.163  |
| GP2012 1301523 | Soil    |      |     | 2.07    | 12.49   | 35.32   | 107.7   | 146     | 13.7    | 5.9     | 462     | 1.27    | 4.6     | 0.8    | 1.6     | 0.2     | 35.8    | 0.62    | 0.52    | 0.09    | 30     | 4.85    | 0.077  |
| GP2012 1301524 | Soil    |      |     | 30.98   | 17.34   | 157.0   | 139.5   | 548     | 37.5    | 6.9     | 342     | 1.52    | 21.8    | 19.9   | 1.0     | 0.7     | 51.5    | 0.69    | 2.87    | 0.14    | 133    | 5.60    | 0.685  |
| GP2012 1301525 | Soil    |      |     | 14.28   | 13.14   | 14.26   | 71.8    | 399     | 33.9    | 6.1     | 263     | 1.67    | 21.4    | 14.6   | 3.2     | 1.2     | 68.1    | 0.35    | 2.33    | 0.11    | 110    | 7.74    | 0.417  |
| GP2012 1301526 | Soil    |      |     | 5.67    | 14.78   | 14.58   | 91.6    | 382     | 24.8    | 7.8     | 325     | 1.91    | 12.9    | 10.8   | 4.7     | 1.4     | 37.1    | 0.58    | 1.14    | 0.13    | 87     | 4.23    | 0.279  |
| GP2012 1301527 | Soil    |      |     | 1.84    | 9.66    | 9.37    | 57.0    | 94      | 10.9    | 5.3     | 400     | 1.32    | 4.3     | 1.6    | 1.0     | 0.4     | 22.5    | 0.30    | 0.40    | 0.13    | 37     | 2.32    | 0.093  |
| GP2012 1301528 | Soil    |      |     | 2.93    | 13.91   | 18.45   | 83.2    | 194     | 25.4    | 9.5     | 519     | 2.44    | 9.2     | 1.5    | 2.1     | 1.2     | 21.3    | 0.72    | 0.72    | 0.17    | 66     | 1.83    | 0.089  |
| GP2012 1301529 | Soil    |      |     | 3.88    | 11.48   | 46.90   | 128.3   | 187     | 18.8    | 9.1     | 525     | 2.43    | 8.7     | 2.6    | 2.3     | 0.5     | 21.1    | 0.79    | 0.67    | 0.18    | 78     | 1.81    | 0.126  |
| GP2012 1301530 | Soil    |      |     | 2.43    | 10.77   | 16.28   | 120.7   | 133     | 16.8    | 7.1     | 349     | 1.76    | 6.1     | 2.3    | 2.6     | 0.7     | 18.9    | 0.60    | 0.44    | 0.11    | 49     | 1.12    | 0.071  |



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# CERTIFICATE OF ANALYSIS

# DAW12000173.1

| Method         | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|----------------|------|------|-------|------|-------|-------|------|-------|--------|------|------|------|------|-------|------|------|-------|-----|
| Analyte        | La   | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit           | ppm  | ppm  | %     | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL            | 0.5  | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| GP2012 1301501 | Soil | 17.8 | 46.5  | 0.30 | 176.1 | 0.022 | 3    | 1.19  | 0.004  | 0.09 | 0.2  | 3.2  | 0.82 | 0.03  | 220  | 3.0  | 0.18  | 5.7 |
| GP2012 1301502 | Soil | 40.0 | 170.4 | 0.45 | 498.7 | 0.032 | 38   | 2.71  | <0.001 | 0.98 | 0.3  | 8.9  | 1.56 | 0.05  | 1375 | 13.9 | 0.38  | 9.7 |
| GP2012 1301503 | Soil | 27.8 | 113.1 | 1.47 | 574.3 | 0.014 | 11   | 1.29  | <0.001 | 0.34 | 0.4  | 5.6  | 1.51 | 0.06  | 1125 | 6.9  | 0.36  | 4.4 |
| GP2012 1301504 | Soil | 22.0 | 21.7  | 0.09 | 393.7 | 0.010 | 5    | 0.65  | 0.006  | 0.07 | 0.2  | 2.5  | 0.64 | 0.07  | 401  | 2.1  | 0.08  | 2.3 |
| GP2012 1301505 | Soil | 20.0 | 19.0  | 0.07 | 697.6 | 0.010 | 3    | 0.89  | 0.009  | 0.05 | 0.2  | 1.2  | 0.39 | 0.05  | 200  | 1.4  | 0.08  | 2.9 |
| GP2012 1301506 | Soil | 26.3 | 18.9  | 0.04 | 738.6 | 0.004 | 5    | 0.84  | 0.001  | 0.09 | 0.3  | 3.5  | 0.90 | 0.04  | 506  | 2.2  | 0.15  | 1.1 |
| GP2012 1301507 | Soil | 3.8  | 18.0  | 0.16 | 343.0 | 0.002 | 5    | 0.92  | 0.004  | 0.10 | <0.1 | 2.9  | 1.38 | 0.05  | 452  | 3.3  | 0.12  | 3.9 |
| GP2012 1301508 | Soil | 3.2  | 24.5  | 0.08 | 547.6 | 0.003 | 4    | 0.97  | 0.014  | 0.14 | <0.1 | 4.7  | 0.57 | 0.27  | 92   | 6.0  | 0.09  | 2.4 |
| GP2012 1301509 | Soil | 5.1  | 24.0  | 0.27 | 270.1 | 0.004 | 4    | 1.23  | 0.004  | 0.10 | <0.1 | 3.1  | 0.73 | 0.03  | 230  | 1.8  | 0.12  | 4.1 |
| GP2012 1301510 | Soil | 5.5  | 29.5  | 0.32 | 418.0 | 0.005 | 4    | 1.33  | 0.009  | 0.13 | <0.1 | 4.3  | 0.79 | 0.12  | 189  | 2.1  | 0.06  | 4.4 |
| GP2012 1301511 | Soil | 8.5  | 25.6  | 0.22 | 194.3 | 0.018 | 3    | 1.13  | 0.007  | 0.07 | <0.1 | 2.2  | 0.34 | 0.05  | 41   | 0.6  | 0.10  | 6.2 |
| GP2012 1301512 | Soil | 10.5 | 34.0  | 0.46 | 136.8 | 0.053 | 3    | 2.33  | 0.005  | 0.07 | 0.1  | 3.6  | 0.14 | 0.02  | 40   | 0.4  | 0.03  | 5.2 |
| GP2012 1301513 | Soil | 8.9  | 32.1  | 0.41 | 118.1 | 0.031 | 3    | 2.05  | 0.004  | 0.07 | 0.1  | 3.1  | 0.18 | 0.02  | 37   | 0.6  | 0.04  | 5.2 |
| GP2012 1301514 | Soil | 8.6  | 30.0  | 0.37 | 187.3 | 0.026 | 3    | 1.94  | 0.006  | 0.09 | 0.1  | 2.8  | 0.28 | 0.04  | 43   | 0.7  | 0.04  | 5.1 |
| GP2012 1301515 | Soil | 10.1 | 22.6  | 0.18 | 98.3  | 0.023 | 2    | 1.32  | 0.001  | 0.07 | 0.1  | 2.1  | 0.31 | <0.02 | 33   | 0.5  | 0.07  | 6.8 |
| GP2012 1301516 | Soil | 2.1  | 18.9  | 0.05 | 117.2 | 0.002 | 8    | 0.65  | 0.008  | 0.43 | <0.1 | 3.8  | 3.63 | 1.03  | 915  | 5.8  | 0.28  | 4.9 |
| GP2012 1301517 | Soil | 4.6  | 25.2  | 0.23 | 549.3 | 0.004 | 3    | 1.33  | 0.019  | 0.14 | <0.1 | 2.9  | 0.63 | 0.15  | 56   | 1.5  | 0.04  | 4.6 |
| GP2012 1301518 | Soil | 9.1  | 31.7  | 0.43 | 329.9 | 0.018 | 3    | 1.82  | 0.005  | 0.09 | <0.1 | 4.1  | 0.29 | 0.04  | 45   | 0.6  | 0.03  | 5.3 |
| GP2012 1301519 | Soil | 6.4  | 12.5  | 0.67 | 100.4 | 0.038 | 3    | 1.19  | 0.036  | 0.03 | <0.1 | 1.6  | 0.10 | 0.06  | 32   | 0.2  | 0.04  | 3.6 |
| GP2012 1301520 | Soil | 9.5  | 21.6  | 2.66 | 116.7 | 0.021 | 4    | 0.94  | 0.014  | 0.08 | 0.1  | 3.5  | 0.14 | 0.04  | 51   | 0.4  | 0.03  | 2.2 |
| GP2012 1301521 | Soil | 15.3 | 26.7  | 1.24 | 182.5 | 0.033 | 3    | 1.52  | 0.016  | 0.06 | 0.2  | 3.8  | 0.17 | 0.04  | 60   | 0.4  | 0.05  | 4.2 |
| GP2012 1301522 | Soil | 6.6  | 9.4   | 4.42 | 146.0 | 0.003 | 3    | 0.47  | 0.014  | 0.10 | <0.1 | 1.6  | 0.37 | 0.05  | 42   | 0.4  | <0.02 | 1.2 |
| GP2012 1301523 | Soil | 6.1  | 13.4  | 2.26 | 286.5 | 0.014 | 4    | 0.95  | 0.013  | 0.03 | 0.1  | 0.9  | 0.11 | 0.10  | 62   | 0.4  | <0.02 | 2.3 |
| GP2012 1301524 | Soil | 18.9 | 26.7  | 1.80 | 2296  | 0.018 | 4    | 1.61  | 0.011  | 0.08 | 0.2  | 1.9  | 0.36 | 0.10  | 87   | 1.4  | 0.03  | 3.9 |
| GP2012 1301525 | Soil | 13.9 | 27.9  | 3.92 | 385.2 | 0.011 | 4    | 1.21  | 0.011  | 0.12 | <0.1 | 2.3  | 0.69 | 0.07  | 65   | 1.0  | <0.02 | 2.4 |
| GP2012 1301526 | Soil | 12.7 | 25.3  | 2.06 | 2169  | 0.019 | 3    | 1.31  | 0.012  | 0.07 | 0.1  | 2.8  | 0.23 | 0.08  | 83   | 0.5  | 0.04  | 3.4 |
| GP2012 1301527 | Soil | 6.6  | 14.2  | 0.85 | 1015  | 0.022 | 2    | 1.00  | 0.016  | 0.03 | 0.1  | 1.3  | 0.09 | 0.10  | 39   | 0.2  | 0.02  | 3.1 |
| GP2012 1301528 | Soil | 13.9 | 29.0  | 1.02 | 195.2 | 0.029 | 2    | 1.78  | 0.011  | 0.06 | 0.2  | 3.1  | 0.16 | 0.07  | 49   | 0.4  | 0.07  | 4.7 |
| GP2012 1301529 | Soil | 13.1 | 27.9  | 0.74 | 187.7 | 0.022 | 2    | 1.86  | 0.007  | 0.05 | 0.1  | 2.0  | 0.18 | 0.10  | 54   | 0.3  | 0.04  | 5.3 |
| GP2012 1301530 | Soil | 8.5  | 19.0  | 0.48 | 171.1 | 0.033 | 2    | 1.44  | 0.020  | 0.04 | <0.1 | 2.0  | 0.13 | 0.06  | 46   | 0.3  | 0.04  | 3.8 |



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 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method         | Analyte | Unit | MDL | 1F15<br>Mo | 1F15<br>Cu | 1F15<br>Pb | 1F15<br>Zn | 1F15<br>Ag | 1F15<br>Ni | 1F15<br>Co | 1F15<br>Mn | 1F15<br>Fe | 1F15<br>As | 1F15<br>U | 1F15<br>Au | 1F15<br>Th | 1F15<br>Sr | 1F15<br>Cd | 1F15<br>Sb | 1F15<br>Bi | 1F15<br>V | 1F15<br>Ca | 1F15<br>P |
|----------------|---------|------|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|-----------|
|                |         |      |     | ppm        | ppm        | ppm        | ppm        | ppb        | ppm        | ppm        | ppm        | %          | ppm        | ppm       | ppb        | ppm        | ppm        | ppm        | ppm        | ppm        | ppm       | %          | %         |
|                |         |      |     | 0.01       | 0.01       | 0.01       | 0.1        | 2          | 0.1        | 0.1        | 1          | 0.01       | 0.1        | 0.1       | 0.2        | 0.1        | 0.5        | 0.01       | 0.02       | 0.02       | 2         | 0.01       | 0.001     |
| GP2012 1301531 | Soil    |      |     | 71.53      | 106.0      | 15.21      | 624.4      | 1171       | 150.3      | 11.0       | 397        | 2.19       | 29.8       | 6.4       | 6.2        | 0.8        | 21.5       | 3.26       | 7.75       | 0.23       | 513       | 0.44       | 0.129     |
| GP2012 1301532 | Soil    |      |     | 26.75      | 101.4      | 11.39      | 310.1      | 2036       | 93.5       | 7.4        | 185        | 2.05       | 20.4       | 10.0      | 9.5        | 0.3        | 23.1       | 2.21       | 3.55       | 0.20       | 393       | 0.33       | 0.182     |
| GP2012 1301533 | Soil    |      |     | 3.49       | 10.05      | 36.06      | 60.8       | 166        | 10.2       | 3.8        | 401        | 0.91       | 4.3        | 1.2       | 0.9        | 0.1        | 42.6       | 0.46       | 0.55       | 0.08       | 23        | 7.73       | 0.110     |
| GP2012 1301534 | Soil    |      |     | 5.17       | 43.19      | 22.75      | 118.0      | 129        | 34.2       | 4.9        | 78         | 3.09       | 15.6       | 1.9       | 1.5        | 2.3        | 25.0       | 0.49       | 4.01       | 0.11       | 31        | 0.05       | 0.051     |
| GP2012 1301535 | Soil    |      |     | 2.97       | 40.17      | 13.34      | 71.8       | 155        | 27.1       | 6.7        | 132        | 2.87       | 14.1       | 1.4       | 3.1        | 3.6        | 26.7       | 0.26       | 1.23       | 0.13       | 42        | 0.13       | 0.044     |
| GP2012 1301536 | Soil    |      |     | 2.27       | 29.54      | 7.79       | 67.0       | 124        | 29.3       | 6.5        | 181        | 1.96       | 8.9        | 0.8       | 1.4        | 3.3        | 24.0       | 0.52       | 0.86       | 0.09       | 34        | 0.22       | 0.057     |
| GP2012 1301537 | Soil    |      |     | 2.54       | 39.21      | 15.43      | 81.6       | 72         | 37.5       | 7.3        | 145        | 2.46       | 10.1       | 0.6       | 3.8        | 2.7        | 17.4       | 0.46       | 1.07       | 0.20       | 35        | 0.08       | 0.047     |
| GP2012 1301538 | Soil    |      |     | 2.79       | 31.28      | 10.65      | 47.8       | 150        | 17.6       | 5.1        | 114        | 1.92       | 10.8       | 0.8       | 2.9        | 2.6        | 13.4       | 0.27       | 1.01       | 0.16       | 30        | 0.13       | 0.047     |
| GP2012 1301539 | Soil    |      |     | 12.23      | 29.39      | 23.54      | 57.9       | 124        | 16.6       | 4.6        | 143        | 2.36       | 25.6       | 0.6       | 2.1        | 1.8        | 20.6       | 0.21       | 1.43       | 0.28       | 24        | 0.14       | 0.051     |
| GP2012 1301540 | Soil    |      |     | 8.60       | 37.87      | 18.04      | 56.3       | 282        | 21.5       | 4.0        | 105        | 2.15       | 18.6       | 0.7       | 2.8        | 2.4        | 16.8       | 0.21       | 1.36       | 0.25       | 21        | 0.16       | 0.036     |
| GP2012 1301541 | Soil    |      |     | 10.52      | 45.48      | 19.80      | 34.7       | 180        | 12.1       | 2.1        | 36         | 2.88       | 22.0       | 0.7       | 3.9        | 2.0        | 12.6       | 0.12       | 1.19       | 0.26       | 22        | 0.06       | 0.030     |
| GP2012 1301542 | Soil    |      |     | 6.37       | 46.11      | 13.32      | 42.9       | 268        | 13.5       | 5.0        | 117        | 2.31       | 20.0       | 0.8       | 1.9        | 2.4        | 13.4       | 0.27       | 1.34       | 0.18       | 25        | 0.06       | 0.042     |
| GP2012 1301543 | Soil    |      |     | 5.97       | 38.83      | 13.70      | 55.3       | 189        | 21.9       | 4.7        | 134        | 2.21       | 19.8       | 0.7       | 2.7        | 3.0        | 22.5       | 0.57       | 1.62       | 0.18       | 28        | 0.17       | 0.058     |
| GP2012 1301544 | Soil    |      |     | 1.87       | 24.49      | 13.76      | 77.0       | 93         | 29.7       | 8.5        | 225        | 2.92       | 10.2       | 0.6       | 2.6        | 2.9        | 8.4        | 0.59       | 0.69       | 0.20       | 58        | 0.08       | 0.036     |
| GP2012 1301545 | Soil    |      |     | 2.94       | 33.75      | 12.77      | 67.8       | 231        | 23.9       | 7.4        | 169        | 2.32       | 14.2       | 0.9       | 3.5        | 2.6        | 14.5       | 0.36       | 1.33       | 0.17       | 39        | 0.16       | 0.056     |
| GP2012 1301546 | Soil    |      |     | 1.98       | 29.14      | 12.11      | 83.6       | 244        | 40.2       | 13.7       | 378        | 2.90       | 11.2       | 0.7       | 2.7        | 3.2        | 11.1       | 0.41       | 0.90       | 0.15       | 47        | 0.12       | 0.046     |
| GP2012 1301547 | Soil    |      |     | 2.99       | 35.57      | 11.63      | 79.9       | 171        | 33.5       | 9.9        | 253        | 2.59       | 12.6       | 0.8       | 2.8        | 2.8        | 13.4       | 0.21       | 1.17       | 0.15       | 41        | 0.13       | 0.046     |
| GP2012 1301548 | Soil    |      |     | 6.37       | 33.05      | 11.35      | 50.7       | 381        | 15.0       | 3.1        | 81         | 2.34       | 20.3       | 0.7       | 2.6        | 2.1        | 13.5       | 0.23       | 2.42       | 0.16       | 33        | 0.10       | 0.043     |
| GP2012 1301549 | Soil    |      |     | 7.19       | 15.92      | 18.51      | 40.4       | 44         | 10.5       | 2.9        | 83         | 2.72       | 18.5       | 0.4       | 1.5        | 2.0        | 7.3        | 0.11       | 1.34       | 0.27       | 50        | 0.05       | 0.023     |
| GP2012 1301550 | Soil    |      |     | 10.84      | 25.96      | 21.96      | 33.5       | 136        | 8.1        | 1.4        | 31         | 2.41       | 21.3       | 0.5       | 1.5        | 1.7        | 7.2        | 0.09       | 1.37       | 0.27       | 29        | 0.02       | 0.037     |
| GP2012 1301573 | Soil    |      |     | 0.87       | 39.88      | 13.31      | 91.6       | 218        | 35.1       | 9.8        | 220        | 2.37       | 6.2        | 0.9       | 7.0        | 4.9        | 26.0       | 0.51       | 0.95       | 0.17       | 45        | 0.38       | 0.077     |
| GP2012 1301574 | Soil    |      |     | 2.88       | 36.83      | 25.51      | 105.6      | 418        | 42.8       | 12.7       | 306        | 4.05       | 11.9       | 1.1       | 3.0        | 3.7        | 29.7       | 0.32       | 0.76       | 0.28       | 71        | 0.39       | 0.046     |
| GP2012 1301575 | Soil    |      |     | 2.01       | 21.59      | 14.69      | 90.3       | 70         | 29.0       | 12.9       | 563        | 3.05       | 10.1       | 0.6       | 1.6        | 2.2        | 10.5       | 0.37       | 0.67       | 0.19       | 54        | 0.10       | 0.062     |
| GP2012 1301576 | Soil    |      |     | 1.39       | 16.57      | 14.36      | 54.0       | 56         | 19.0       | 6.5        | 207        | 2.63       | 9.2        | 0.7       | 2.2        | 1.7        | 10.8       | 0.21       | 0.62       | 0.19       | 64        | 0.12       | 0.045     |
| GP2012 1301577 | Soil    |      |     | 1.56       | 27.74      | 13.27      | 74.8       | 271        | 31.3       | 10.1       | 298        | 2.33       | 7.3        | 1.0       | 2.3        | 2.8        | 19.0       | 0.32       | 0.75       | 0.14       | 44        | 0.24       | 0.056     |
| 1301551        | Soil    |      |     | 7.35       | 49.92      | 15.80      | 53.5       | 358        | 14.6       | 4.2        | 87         | 3.20       | 28.3       | 0.7       | 3.7        | 2.8        | 18.1       | 0.29       | 1.83       | 0.18       | 30        | 0.06       | 0.048     |
| 1301552        | Soil    |      |     | 24.36      | 89.92      | 23.30      | 110.1      | 338        | 15.7       | 7.1        | 43         | 6.41       | 52.1       | 0.8       | 2.9        | 2.5        | 16.2       | 0.40       | 3.38       | 0.30       | 35        | 0.04       | 0.068     |
| 1301553        | Soil    |      |     | 3.96       | 32.28      | 12.18      | 45.0       | 224        | 15.2       | 2.9        | 56         | 1.88       | 12.1       | 0.7       | 1.7        | 2.1        | 10.5       | 0.36       | 1.11       | 0.17       | 26        | 0.06       | 0.030     |
| 1301554        | Soil    |      |     | 16.43      | 34.60      | 16.59      | 149.3      | 503        | 42.1       | 6.7        | 185        | 2.84       | 19.9       | 1.1       | 2.7        | 3.4        | 8.9        | 0.63       | 2.66       | 0.24       | 226       | 0.10       | 0.032     |
| 1301555        | Soil    |      |     | 5.34       | 16.43      | 15.24      | 65.1       | 136        | 19.9       | 5.3        | 155        | 2.95       | 14.0       | 0.7       | 3.1        | 2.0        | 8.2        | 0.26       | 1.09       | 0.28       | 122       | 0.10       | 0.039     |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method         | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|----------------|------|------|------|------|-------|-------|------|-------|--------|------|------|------|------|-------|------|------|-------|-----|
| Analyte        | La   | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit           | ppm  | ppm  | %    | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL            | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| GP2012 1301531 | Soil | 18.2 | 65.0 | 0.29 | 238.3 | 0.026 | 5    | 1.26  | 0.002  | 0.14 | 0.2  | 3.2  | 0.66 | 0.03  | 189  | 2.8  | 0.17  | 4.7 |
| GP2012 1301532 | Soil | 23.4 | 61.9 | 0.30 | 284.0 | 0.013 | 4    | 1.66  | 0.002  | 0.12 | 0.2  | 2.0  | 0.70 | 0.03  | 431  | 1.3  | 0.14  | 5.4 |
| GP2012 1301533 | Soil | 5.0  | 8.8  | 3.42 | 131.3 | 0.007 | 5    | 0.87  | 0.014  | 0.05 | <0.1 | 0.5  | 0.10 | 0.12  | 44   | 0.7  | <0.02 | 1.8 |
| GP2012 1301534 | Soil | 3.9  | 18.0 | 0.19 | 261.2 | 0.006 | 2    | 0.74  | 0.004  | 0.06 | <0.1 | 3.0  | 0.20 | 0.04  | 21   | 1.2  | 0.06  | 2.3 |
| GP2012 1301535 | Soil | 11.8 | 27.2 | 0.35 | 292.1 | 0.025 | 3    | 1.42  | 0.004  | 0.07 | <0.1 | 4.3  | 0.27 | <0.02 | 52   | 0.6  | 0.03  | 4.1 |
| GP2012 1301536 | Soil | 11.2 | 20.2 | 0.31 | 207.3 | 0.041 | 1    | 0.91  | 0.009  | 0.05 | <0.1 | 2.7  | 0.15 | 0.03  | 38   | 0.5  | <0.02 | 2.8 |
| GP2012 1301537 | Soil | 6.6  | 24.6 | 0.34 | 128.4 | 0.009 | 3    | 1.42  | 0.002  | 0.06 | <0.1 | 2.6  | 0.20 | 0.02  | 38   | 0.9  | 0.03  | 3.7 |
| GP2012 1301538 | Soil | 10.6 | 19.0 | 0.29 | 198.2 | 0.020 | 3    | 0.89  | 0.004  | 0.05 | <0.1 | 2.8  | 0.20 | <0.02 | 43   | 0.6  | 0.07  | 2.7 |
| GP2012 1301539 | Soil | 3.7  | 19.8 | 0.16 | 349.6 | 0.005 | 3    | 0.60  | 0.014  | 0.10 | <0.1 | 2.4  | 1.05 | 0.14  | 61   | 1.6  | 0.08  | 2.6 |
| GP2012 1301540 | Soil | 3.7  | 17.9 | 0.19 | 303.4 | 0.006 | 2    | 0.60  | 0.012  | 0.09 | <0.1 | 3.4  | 0.72 | 0.13  | 104  | 1.6  | 0.11  | 2.2 |
| GP2012 1301541 | Soil | 3.0  | 15.3 | 0.11 | 527.7 | 0.003 | 3    | 0.61  | 0.008  | 0.10 | <0.1 | 2.6  | 0.73 | 0.19  | 198  | 1.7  | 0.04  | 2.3 |
| GP2012 1301542 | Soil | 5.6  | 16.7 | 0.20 | 251.2 | 0.010 | 2    | 0.73  | 0.007  | 0.08 | <0.1 | 3.0  | 0.49 | 0.09  | 116  | 1.2  | 0.06  | 2.4 |
| GP2012 1301543 | Soil | 7.0  | 18.4 | 0.24 | 424.1 | 0.024 | 2    | 0.62  | 0.011  | 0.08 | <0.1 | 2.8  | 0.51 | 0.12  | 85   | 1.2  | 0.03  | 2.3 |
| GP2012 1301544 | Soil | 10.3 | 27.7 | 0.34 | 154.9 | 0.020 | 2    | 1.69  | 0.002  | 0.05 | 0.1  | 3.0  | 0.16 | <0.02 | 33   | 0.4  | 0.03  | 6.1 |
| GP2012 1301545 | Soil | 10.2 | 26.7 | 0.40 | 212.5 | 0.026 | 2    | 1.27  | 0.004  | 0.06 | 0.1  | 3.2  | 0.33 | <0.02 | 69   | 1.1  | <0.02 | 4.1 |
| GP2012 1301546 | Soil | 10.9 | 30.5 | 0.45 | 143.4 | 0.038 | 2    | 1.57  | 0.004  | 0.06 | 0.2  | 3.3  | 0.16 | 0.02  | 46   | 0.7  | 0.04  | 4.4 |
| GP2012 1301547 | Soil | 10.1 | 28.0 | 0.41 | 256.0 | 0.025 | 2    | 1.28  | 0.005  | 0.07 | 0.1  | 3.5  | 0.31 | 0.03  | 72   | 0.7  | 0.03  | 4.2 |
| GP2012 1301548 | Soil | 7.3  | 18.8 | 0.23 | 318.4 | 0.014 | 3    | 0.77  | 0.005  | 0.06 | <0.1 | 2.7  | 0.38 | 0.03  | 99   | 1.6  | 0.04  | 2.8 |
| GP2012 1301549 | Soil | 7.9  | 18.6 | 0.16 | 118.1 | 0.016 | 3    | 0.90  | 0.002  | 0.06 | <0.1 | 1.7  | 0.50 | <0.02 | 25   | 1.2  | 0.06  | 5.4 |
| GP2012 1301550 | Soil | 3.0  | 16.0 | 0.06 | 210.9 | 0.003 | 3    | 0.58  | 0.004  | 0.10 | <0.1 | 1.7  | 0.56 | 0.05  | 23   | 2.4  | 0.07  | 3.2 |
| GP2012 1301573 | Soil | 14.0 | 31.4 | 0.57 | 300.3 | 0.050 | 3    | 1.32  | 0.015  | 0.08 | 0.2  | 4.9  | 0.14 | <0.02 | 53   | 0.5  | <0.02 | 4.2 |
| GP2012 1301574 | Soil | 8.3  | 41.6 | 0.60 | 423.8 | 0.007 | 3    | 2.77  | 0.005  | 0.09 | 0.1  | 5.4  | 0.30 | 0.03  | 61   | 0.5  | 0.03  | 8.0 |
| GP2012 1301575 | Soil | 8.6  | 30.7 | 0.37 | 151.8 | 0.021 | 2    | 1.82  | 0.004  | 0.07 | 0.1  | 2.9  | 0.14 | <0.02 | 26   | 0.4  | 0.03  | 5.1 |
| GP2012 1301576 | Soil | 10.6 | 31.5 | 0.36 | 125.9 | 0.022 | 2    | 1.93  | 0.002  | 0.05 | 0.1  | 2.5  | 0.17 | <0.02 | 62   | 0.5  | 0.02  | 6.3 |
| GP2012 1301577 | Soil | 11.2 | 31.6 | 0.47 | 278.8 | 0.025 | 2    | 1.43  | 0.005  | 0.06 | 0.1  | 3.8  | 0.13 | <0.02 | 54   | 0.4  | 0.02  | 4.6 |
| 1301551        | Soil | 6.2  | 19.9 | 0.21 | 368.2 | 0.011 | 2    | 0.78  | 0.011  | 0.09 | <0.1 | 3.1  | 0.63 | 0.18  | 119  | 1.7  | 0.04  | 2.9 |
| 1301552        | Soil | 2.2  | 17.8 | 0.04 | 169.4 | 0.003 | 2    | 0.43  | 0.070  | 0.22 | <0.1 | 3.1  | 1.37 | 0.99  | 275  | 3.1  | 0.18  | 3.2 |
| 1301553        | Soil | 6.5  | 17.3 | 0.20 | 189.4 | 0.012 | 2    | 0.74  | 0.004  | 0.07 | <0.1 | 2.5  | 0.23 | <0.02 | 97   | 0.9  | 0.07  | 2.6 |
| 1301554        | Soil | 12.1 | 40.0 | 0.27 | 120.3 | 0.050 | 3    | 1.82  | <0.001 | 0.05 | 0.2  | 3.0  | 0.29 | <0.02 | 96   | 1.4  | 0.05  | 8.3 |
| 1301555        | Soil | 12.5 | 29.0 | 0.26 | 96.5  | 0.044 | 1    | 1.61  | 0.001  | 0.04 | 0.2  | 2.2  | 0.22 | <0.02 | 52   | 0.4  | 0.07  | 8.9 |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni    | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm   | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1   | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1301556 | Soil | 100.4 | 234.8 | 17.40 | 764.1 | 4305  | 182.4 | 7.3  | 104  | 2.30 | 43.2 | 14.2 | 11.7 | 0.9  | 21.6  | 6.71  | 14.32 | 0.28 | 749  | 0.47  | 0.322 |
| 1301557 | Soil | 99.34 | 257.5 | 12.45 | 1438  | 4519  | 251.4 | 6.5  | 90   | 1.99 | 35.5 | 15.4 | 6.7  | 0.2  | 24.7  | 8.47  | 14.96 | 0.25 | 579  | 0.83  | 0.209 |
| 1301558 | Soil | 3.60  | 33.58 | 8.99  | 190.4 | 364   | 42.5  | 4.8  | 260  | 0.70 | 8.9  | 22.8 | 2.5  | 0.3  | 36.5  | 0.85  | 0.88  | 0.15 | 41   | 3.95  | 0.397 |
| 1301559 | Soil | 6.80  | 83.36 | 15.36 | 466.5 | 1482  | 75.0  | 9.4  | 398  | 1.75 | 23.9 | 24.8 | 5.2  | 2.5  | 43.8  | 3.85  | 4.88  | 0.17 | 361  | 3.25  | 0.906 |
| 1301560 | Soil | 125.5 | 20.61 | 16.42 | 299.6 | 934   | 67.0  | 5.1  | 97   | 1.42 | 75.9 | 24.7 | 3.6  | 1.7  | 95.2  | 1.15  | 6.99  | 0.05 | 166  | 13.41 | 0.760 |
| 1301561 | Soil | 174.1 | 96.15 | 39.52 | 1618  | 1915  | 372.9 | 10.5 | 123  | 1.47 | 71.1 | 55.2 | 12.0 | 1.1  | 102.5 | 9.58  | 28.88 | 0.44 | 614  | 9.92  | 1.765 |
| 1301562 | Soil | 9.18  | 9.69  | 21.76 | 333.4 | 247   | 56.7  | 7.9  | 127  | 2.35 | 15.0 | 18.1 | 2.0  | 1.4  | 17.9  | 1.22  | 1.64  | 0.17 | 100  | 0.89  | 0.295 |
| 1301563 | Soil | 1.18  | 25.62 | 15.27 | 75.4  | 181   | 24.8  | 11.2 | 142  | 3.06 | 10.8 | 1.3  | 4.2  | 5.1  | 16.7  | 0.44  | 0.51  | 0.15 | 44   | 0.66  | 0.091 |
| 1301564 | Soil | 0.91  | 33.05 | 15.00 | 79.8  | 198   | 33.5  | 11.7 | 276  | 2.65 | 8.4  | 0.8  | 2.5  | 4.5  | 18.8  | 0.32  | 0.77  | 0.15 | 49   | 0.47  | 0.069 |
| 1301565 | Soil | 0.54  | 25.40 | 12.47 | 70.4  | 163   | 26.5  | 11.4 | 421  | 2.16 | 6.6  | 1.1  | 2.5  | 4.5  | 19.7  | 0.39  | 0.75  | 0.14 | 49   | 0.46  | 0.063 |
| 1301566 | Soil | 0.35  | 15.09 | 11.45 | 57.5  | 158   | 18.1  | 7.2  | 373  | 1.72 | 5.6  | 0.9  | 5.6  | 3.3  | 17.7  | 0.27  | 0.58  | 0.13 | 44   | 0.34  | 0.060 |
| 1301567 | Soil | 1.43  | 26.50 | 12.01 | 68.9  | 181   | 22.8  | 5.9  | 114  | 2.35 | 9.1  | 0.7  | 3.1  | 3.1  | 17.0  | 0.23  | 0.86  | 0.15 | 39   | 0.16  | 0.053 |
| 1301568 | Soil | 1.61  | 23.84 | 14.47 | 85.6  | 120   | 38.3  | 12.9 | 363  | 2.79 | 8.7  | 0.6  | 6.0  | 2.1  | 13.1  | 0.26  | 0.69  | 0.23 | 48   | 0.18  | 0.064 |
| 1301569 | Soil | 1.00  | 26.12 | 10.34 | 69.6  | 170   | 29.9  | 8.0  | 163  | 2.09 | 5.9  | 0.7  | 3.7  | 2.6  | 16.7  | 0.24  | 0.63  | 0.16 | 39   | 0.21  | 0.058 |
| 1301570 | Soil | 1.57  | 23.12 | 12.39 | 56.4  | 25    | 28.9  | 7.8  | 203  | 2.65 | 7.1  | 0.4  | 1.9  | 1.7  | 6.2   | 0.14  | 0.54  | 0.19 | 45   | 0.06  | 0.031 |
| 1301571 | Soil | 0.86  | 25.51 | 9.41  | 67.1  | 150   | 27.7  | 7.3  | 142  | 2.14 | 6.0  | 0.7  | 2.8  | 2.4  | 14.9  | 0.19  | 0.59  | 0.14 | 42   | 0.19  | 0.053 |
| 1301572 | Soil | 1.88  | 34.34 | 14.45 | 140.2 | 70    | 68.4  | 26.3 | 540  | 3.25 | 9.8  | 0.6  | 2.1  | 3.1  | 15.3  | 0.39  | 0.85  | 0.19 | 46   | 0.13  | 0.058 |
| 1301578 | Soil | 0.85  | 22.29 | 11.67 | 65.8  | 198   | 24.8  | 8.3  | 236  | 2.43 | 9.7  | 1.1  | 1.5  | 2.7  | 17.7  | 0.22  | 0.71  | 0.14 | 47   | 0.63  | 0.066 |
| 1301651 | Soil | 2.08  | 11.47 | 16.29 | 101.0 | 59    | 17.0  | 7.6  | 441  | 2.34 | 6.9  | 1.5  | 1.8  | 1.1  | 21.4  | 0.67  | 0.60  | 0.19 | 73   | 1.66  | 0.043 |
| 1301652 | Soil | 1.68  | 13.15 | 9.56  | 57.8  | 152   | 17.8  | 7.1  | 407  | 1.73 | 7.1  | 1.3  | 2.5  | 0.5  | 34.3  | 0.35  | 0.68  | 0.11 | 47   | 4.36  | 0.079 |
| 1301653 | Soil | 4.33  | 15.19 | 17.13 | 75.8  | 142   | 22.5  | 8.4  | 339  | 2.33 | 9.6  | 1.3  | 1.9  | 1.7  | 19.7  | 0.36  | 0.84  | 0.18 | 58   | 1.38  | 0.044 |
| 1301654 | Soil | 3.72  | 13.61 | 8.03  | 85.7  | 235   | 22.4  | 5.8  | 282  | 1.40 | 11.0 | 4.0  | 1.9  | 1.5  | 57.1  | 0.48  | 0.73  | 0.07 | 73   | 6.51  | 0.260 |
| 1301655 | Soil | 113.5 | 322.1 | 21.30 | 1571  | 10467 | 221.7 | 7.1  | 79   | 2.19 | 56.7 | 15.0 | 16.3 | 2.2  | 34.7  | 16.08 | 14.58 | 0.25 | 812  | 2.20  | 0.326 |
| 1301656 | Soil | 17.31 | 40.72 | 7.60  | 360.6 | 608   | 104.0 | 7.8  | 89   | 1.68 | 13.7 | 2.6  | 0.8  | 0.9  | 12.3  | 2.22  | 2.25  | 0.15 | 118  | 0.15  | 0.061 |
| 1301657 | Soil | 16.61 | 60.22 | 10.84 | 453.3 | 1916  | 65.0  | 6.9  | 141  | 1.58 | 14.1 | 9.8  | 5.1  | 2.6  | 31.9  | 1.72  | 2.85  | 0.19 | 432  | 1.00  | 0.350 |
| 1301658 | Soil | 10.67 | 28.19 | 11.48 | 200.4 | 1115  | 36.0  | 5.2  | 145  | 1.59 | 14.4 | 3.0  | 2.1  | 0.5  | 24.8  | 1.50  | 1.62  | 0.15 | 167  | 1.60  | 0.235 |
| 1301659 | Soil | 6.56  | 15.18 | 12.82 | 56.9  | 437   | 18.1  | 3.1  | 85   | 1.92 | 11.2 | 0.6  | 5.5  | 1.6  | 6.8   | 0.21  | 1.16  | 0.24 | 120  | 0.06  | 0.030 |
| 1301660 | Soil | 4.57  | 17.27 | 11.47 | 98.3  | 182   | 28.4  | 6.7  | 181  | 2.58 | 12.7 | 1.0  | 2.8  | 0.9  | 9.8   | 0.91  | 0.96  | 0.17 | 120  | 0.12  | 0.059 |
| 1301661 | Soil | 8.42  | 25.92 | 11.09 | 281.5 | 1143  | 57.6  | 11.5 | 522  | 2.63 | 16.8 | 2.5  | 3.3  | 1.5  | 21.7  | 2.87  | 1.55  | 0.17 | 153  | 0.29  | 0.185 |
| 1301662 | Soil | 47.14 | 82.38 | 9.66  | 400.2 | 1201  | 131.5 | 7.1  | 106  | 1.88 | 24.5 | 9.8  | 4.2  | 1.1  | 22.1  | 2.26  | 6.43  | 0.21 | 386  | 0.40  | 0.164 |



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Project: FACE  
 Report Date: August 20, 2012

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# CERTIFICATE OF ANALYSIS

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| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301556 | Soil    | 18.5 | 75.7 | 0.13 | 198.5 | 0.014 | 6    | 1.25 | <0.001 | 0.19 | 0.3  | 2.9  | 1.14 | 0.04  | 557  | 7.6  | 0.37  | 6.2 |
| 1301557 | Soil    | 16.0 | 67.1 | 0.18 | 293.4 | 0.005 | 6    | 0.93 | <0.001 | 0.15 | 0.2  | 1.1  | 1.17 | 0.04  | 636  | 6.6  | 0.32  | 4.2 |
| 1301558 | Soil    | 8.8  | 16.5 | 0.60 | 739.6 | 0.011 | 5    | 0.57 | 0.008  | 0.04 | <0.1 | 0.9  | 0.21 | 0.21  | 227  | 1.6  | <0.02 | 1.6 |
| 1301559 | Soil    | 19.3 | 49.4 | 0.47 | 633.7 | 0.024 | 7    | 1.48 | 0.011  | 0.15 | 0.2  | 3.9  | 0.63 | 0.06  | 387  | 1.7  | 0.09  | 4.9 |
| 1301560 | Soil    | 11.9 | 21.2 | 7.03 | 161.8 | 0.006 | 7    | 0.87 | 0.010  | 0.20 | 0.1  | 2.2  | 3.36 | 0.05  | 171  | 2.7  | 0.05  | 2.0 |
| 1301561 | Soil    | 19.7 | 71.4 | 4.47 | 2218  | 0.016 | 8    | 1.40 | 0.010  | 0.25 | 0.2  | 2.3  | 2.20 | 0.13  | 1088 | 7.2  | 0.21  | 7.7 |
| 1301562 | Soil    | 12.4 | 32.8 | 0.26 | 164.0 | 0.033 | <1   | 2.61 | 0.004  | 0.03 | 0.2  | 2.8  | 0.23 | 0.03  | 345  | 0.6  | 0.03  | 7.6 |
| 1301563 | Soil    | 15.6 | 24.9 | 0.47 | 188.3 | 0.022 | 4    | 1.35 | 0.008  | 0.10 | 0.2  | 4.8  | 0.11 | 0.03  | 70   | 0.6  | 0.06  | 3.7 |
| 1301564 | Soil    | 13.3 | 31.1 | 0.52 | 263.5 | 0.027 | 4    | 1.44 | 0.010  | 0.09 | 0.2  | 4.8  | 0.14 | <0.02 | 106  | 0.5  | 0.03  | 4.4 |
| 1301565 | Soil    | 14.0 | 30.3 | 0.48 | 306.2 | 0.029 | 3    | 1.51 | 0.009  | 0.07 | 0.1  | 4.6  | 0.14 | <0.02 | 74   | 0.5  | 0.04  | 4.6 |
| 1301566 | Soil    | 12.0 | 26.7 | 0.38 | 223.9 | 0.026 | 3    | 1.44 | 0.009  | 0.06 | 0.2  | 3.8  | 0.14 | 0.03  | 63   | 0.5  | <0.02 | 4.5 |
| 1301567 | Soil    | 10.7 | 23.8 | 0.34 | 205.5 | 0.019 | 2    | 1.14 | 0.005  | 0.05 | 0.1  | 3.6  | 0.15 | <0.02 | 99   | 0.5  | 0.03  | 3.5 |
| 1301568 | Soil    | 8.2  | 29.8 | 0.43 | 224.9 | 0.014 | 2    | 1.55 | 0.003  | 0.06 | 0.1  | 2.8  | 0.12 | <0.02 | 34   | 0.2  | 0.07  | 4.9 |
| 1301569 | Soil    | 10.3 | 27.2 | 0.45 | 229.6 | 0.020 | 2    | 1.37 | 0.004  | 0.05 | 0.1  | 3.6  | 0.10 | <0.02 | 39   | 0.1  | 0.04  | 4.0 |
| 1301570 | Soil    | 5.8  | 23.0 | 0.31 | 106.1 | 0.008 | 2    | 1.41 | 0.002  | 0.05 | <0.1 | 2.3  | 0.10 | <0.02 | 17   | 0.2  | 0.05  | 5.2 |
| 1301571 | Soil    | 11.0 | 28.3 | 0.43 | 267.4 | 0.027 | 1    | 1.47 | 0.005  | 0.05 | 0.1  | 3.9  | 0.09 | <0.02 | 43   | 0.3  | 0.06  | 4.2 |
| 1301572 | Soil    | 7.8  | 28.7 | 0.44 | 170.3 | 0.021 | 2    | 1.86 | 0.004  | 0.07 | 0.2  | 3.3  | 0.18 | 0.04  | 38   | 0.4  | 0.07  | 4.5 |
| 1301578 | Soil    | 9.5  | 27.2 | 0.43 | 297.6 | 0.015 | 2    | 1.45 | 0.007  | 0.05 | 0.1  | 4.0  | 0.14 | 0.03  | 88   | 0.5  | 0.07  | 4.3 |
| 1301651 | Soil    | 10.7 | 25.6 | 0.82 | 151.1 | 0.031 | 2    | 1.66 | 0.009  | 0.04 | 0.1  | 2.7  | 0.14 | 0.05  | 49   | 0.3  | 0.03  | 4.6 |
| 1301652 | Soil    | 9.8  | 19.4 | 2.38 | 151.1 | 0.022 | 3    | 1.14 | 0.012  | 0.04 | 0.3  | 1.7  | 0.09 | 0.06  | 51   | 0.4  | 0.03  | 2.7 |
| 1301653 | Soil    | 11.5 | 25.8 | 0.63 | 264.2 | 0.025 | 1    | 1.45 | 0.010  | 0.04 | 0.2  | 3.4  | 0.15 | 0.04  | 49   | 0.4  | 0.04  | 4.5 |
| 1301654 | Soil    | 11.8 | 20.8 | 2.81 | 156.5 | 0.017 | 3    | 1.00 | 0.013  | 0.09 | 0.1  | 2.3  | 0.15 | 0.05  | 53   | 0.6  | 0.03  | 2.4 |
| 1301655 | Soil    | 15.8 | 77.0 | 0.62 | 1875  | 0.011 | 5    | 0.81 | 0.003  | 0.22 | 0.2  | 6.3  | 1.58 | 0.08  | 1231 | 12.7 | 0.42  | 4.0 |
| 1301656 | Soil    | 12.0 | 21.0 | 0.08 | 221.4 | 0.009 | 2    | 0.67 | <0.001 | 0.05 | 0.3  | 1.9  | 0.47 | 0.03  | 99   | 1.1  | 0.08  | 2.1 |
| 1301657 | Soil    | 16.3 | 65.3 | 0.37 | 320.5 | 0.020 | 5    | 1.45 | 0.001  | 0.16 | 0.2  | 3.9  | 0.63 | 0.03  | 311  | 1.3  | 0.16  | 5.3 |
| 1301658 | Soil    | 11.0 | 30.1 | 0.60 | 196.4 | 0.025 | 1    | 1.24 | 0.005  | 0.05 | 0.2  | 1.8  | 0.33 | 0.03  | 135  | 0.7  | 0.06  | 5.7 |
| 1301659 | Soil    | 11.8 | 19.4 | 0.15 | 55.9  | 0.055 | <1   | 0.88 | <0.001 | 0.03 | 0.2  | 1.5  | 0.24 | <0.02 | 36   | 0.4  | 0.04  | 8.4 |
| 1301660 | Soil    | 13.9 | 30.3 | 0.32 | 136.1 | 0.022 | <1   | 1.73 | <0.001 | 0.04 | 0.2  | 2.2  | 0.22 | <0.02 | 49   | 0.5  | 0.05  | 5.8 |
| 1301661 | Soil    | 17.9 | 35.4 | 0.35 | 212.9 | 0.027 | 2    | 1.52 | 0.004  | 0.06 | 0.3  | 3.2  | 0.33 | 0.03  | 116  | 1.0  | 0.09  | 4.0 |
| 1301662 | Soil    | 17.9 | 49.4 | 0.22 | 282.1 | 0.015 | 4    | 1.04 | <0.001 | 0.12 | 0.3  | 3.3  | 0.69 | 0.02  | 141  | 1.8  | 0.13  | 3.9 |



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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  |
|---------|---------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag    | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb    | Bi    | V    | Ca    | P     |
| Unit    | MDL     | ppm   | ppm   | ppm   | ppm   | ppb   | ppm   | ppm  | ppm  | %    | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm   | ppm   | ppm  | %     | %     |
|         |         | 0.01  | 0.01  | 0.01  | 0.1   | 2     | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02  | 0.02  | 2    | 0.01  | 0.001 |
| 1301663 | Soil    | 199.2 | 141.2 | 25.34 | 936.3 | 1602  | 261.2 | 6.4  | 190  | 2.52 | 65.5 | 6.1  | 5.6  | <0.1 | 14.8 | 4.63 | 24.82 | 0.43  | 1293 | 0.47  | 0.104 |
| 1301664 | Soil    | 13.00 | 26.72 | 18.55 | 222.6 | 622   | 65.1  | 6.2  | 217  | 2.70 | 18.9 | 1.1  | 1.0  | 1.9  | 24.4 | 0.76 | 2.25  | 0.28  | 168  | 0.12  | 0.085 |
| 1301665 | Soil    | 3.82  | 8.56  | 10.41 | 69.7  | 273   | 17.9  | 3.1  | 81   | 1.52 | 9.9  | 0.5  | 3.6  | 1.2  | 14.0 | 0.26 | 0.77  | 0.15  | 109  | 0.36  | 0.034 |
| 1301666 | Soil    | 8.60  | 30.82 | 10.00 | 223.5 | 1447  | 74.2  | 6.3  | 95   | 1.99 | 15.0 | 2.0  | 2.3  | 2.5  | 23.6 | 1.37 | 1.76  | 0.17  | 127  | 0.50  | 0.135 |
| 1301667 | Soil    | 159.9 | 269.6 | 14.88 | 1305  | 10895 | 263.1 | 5.7  | 68   | 1.94 | 65.2 | 34.4 | 17.1 | 3.1  | 51.8 | 8.40 | 21.17 | 0.28  | 1345 | 1.70  | 0.449 |
| 1301668 | Soil    | 24.79 | 128.0 | 12.21 | 890.0 | 4238  | 100.7 | 5.9  | 141  | 1.35 | 21.2 | 37.3 | 8.4  | 2.1  | 50.5 | 4.55 | 8.24  | 0.22  | 841  | 2.66  | 0.692 |
| 1301669 | Soil    | 2.75  | 115.5 | 11.84 | 587.9 | 2538  | 74.1  | 7.1  | 140  | 1.29 | 8.9  | 19.2 | 7.1  | 1.9  | 40.4 | 3.40 | 4.50  | 0.18  | 335  | 2.17  | 0.394 |
| 1301670 | Soil    | 5.74  | 45.61 | 9.58  | 343.5 | 767   | 45.0  | 6.2  | 394  | 0.81 | 6.9  | 30.6 | 2.4  | 0.8  | 75.2 | 3.81 | 3.76  | 0.08  | 304  | 6.66  | 1.160 |
| 1301671 | Soil    | 6.00  | 12.64 | 8.96  | 61.9  | 200   | 18.8  | 5.2  | 232  | 1.42 | 7.9  | 3.9  | 2.2  | 0.7  | 39.6 | 0.34 | 1.11  | 0.08  | 45   | 5.66  | 0.157 |
| 1301672 | Soil    | 5.28  | 20.46 | 17.22 | 55.8  | 123   | 17.2  | 5.2  | 187  | 4.02 | 17.3 | 0.4  | 4.3  | 2.3  | 8.5  | 0.19 | 1.35  | 0.31  | 48   | 0.07  | 0.034 |
| 1301673 | Soil    | 19.06 | 48.57 | 18.68 | 42.4  | 134   | 8.9   | 0.9  | 9    | 3.62 | 35.2 | 1.0  | 1.9  | 2.3  | 7.3  | 0.06 | 1.56  | 0.25  | 21   | 0.02  | 0.058 |
| 1301674 | Soil    | 10.81 | 27.19 | 13.93 | 74.4  | 180   | 15.0  | 2.3  | 40   | 2.17 | 22.8 | 0.5  | 1.7  | 1.7  | 5.8  | 0.11 | 1.96  | 0.23  | 48   | 0.02  | 0.032 |
| 1301675 | Soil    | 4.84  | 30.82 | 13.65 | 106.7 | 910   | 24.8  | 4.3  | 101  | 3.06 | 18.1 | 0.6  | 3.1  | 1.5  | 12.6 | 0.47 | 3.63  | 0.26  | 61   | 0.05  | 0.044 |
| 1301676 | Soil    | 5.02  | 21.73 | 17.38 | 58.1  | 124   | 17.8  | 5.7  | 198  | 4.07 | 17.8 | 0.5  | 2.2  | 2.2  | 8.9  | 0.16 | 1.30  | 0.26  | 56   | 0.07  | 0.037 |
| 1301677 | Soil    | 9.82  | 28.96 | 62.08 | 277.9 | 1252  | 41.5  | 4.5  | 195  | 1.18 | 9.3  | 2.1  | 1.2  | 0.5  | 63.9 | 3.26 | 5.01  | 0.07  | 113  | 7.33  | 0.135 |
| 1301678 | Soil    | 0.28  | 5.21  | 83.74 | 82.8  | 41    | 6.1   | 1.9  | 242  | 0.46 | 1.9  | 0.3  | 0.8  | 0.1  | 26.1 | 0.85 | 0.30  | <0.02 | 19   | 10.54 | 0.040 |
| 1301679 | Soil    | 11.54 | 40.81 | 56.13 | 222.4 | 720   | 35.0  | 4.8  | 119  | 2.57 | 21.7 | 1.5  | 4.0  | 1.6  | 65.7 | 2.42 | 3.16  | 0.19  | 56   | 3.18  | 0.094 |
| 1301680 | Soil    | 4.99  | 22.75 | 60.69 | 152.9 | 664   | 24.3  | 3.0  | 118  | 1.30 | 8.7  | 1.1  | 1.8  | 0.8  | 58.0 | 1.89 | 2.18  | 0.08  | 78   | 7.62  | 0.077 |
| 1301681 | Soil    | 1.33  | 13.63 | 46.81 | 103.6 | 169   | 20.9  | 7.9  | 420  | 2.05 | 8.0  | 1.0  | 4.7  | 1.3  | 22.3 | 0.98 | 0.80  | 0.18  | 44   | 3.64  | 0.065 |
| 1301682 | Soil    | 2.96  | 18.04 | 36.18 | 103.5 | 117   | 22.2  | 6.5  | 182  | 1.96 | 8.1  | 1.1  | 4.0  | 1.0  | 16.3 | 0.33 | 1.12  | 0.20  | 63   | 0.53  | 0.067 |
| 1301683 | Soil    | 2.70  | 21.26 | 11.93 | 121.5 | 179   | 31.6  | 7.9  | 169  | 2.13 | 8.5  | 0.8  | 0.7  | 2.0  | 17.6 | 0.62 | 1.64  | 0.14  | 63   | 0.25  | 0.041 |
| 1301684 | Soil    | 0.98  | 7.88  | 33.04 | 102.4 | 66    | 10.7  | 6.6  | 487  | 1.94 | 4.3  | 0.7  | 1.9  | 0.5  | 10.3 | 0.76 | 0.42  | 0.17  | 47   | 0.68  | 0.060 |
| 1301685 | Soil    | 0.84  | 11.54 | 50.54 | 110.0 | 57    | 21.1  | 8.6  | 599  | 2.19 | 7.4  | 0.8  | 4.9  | 1.4  | 14.6 | 0.84 | 0.58  | 0.12  | 46   | 1.32  | 0.051 |
| 1301686 | Soil    | 0.71  | 12.10 | 48.30 | 94.6  | 115   | 22.3  | 9.2  | 416  | 2.37 | 8.2  | 0.6  | 1.6  | 2.5  | 14.7 | 0.57 | 0.51  | 0.16  | 49   | 0.47  | 0.040 |
| 1301687 | Soil    | 0.70  | 8.37  | 17.95 | 72.0  | 88    | 22.3  | 8.8  | 304  | 2.40 | 8.0  | 0.6  | 1.6  | 2.9  | 14.4 | 0.56 | 0.50  | 0.14  | 52   | 0.45  | 0.041 |
| 1301688 | Soil    | 1.74  | 29.23 | 26.32 | 110.5 | 224   | 38.9  | 8.5  | 243  | 2.45 | 10.7 | 0.9  | 3.3  | 2.6  | 19.0 | 0.81 | 0.91  | 0.13  | 40   | 0.46  | 0.063 |
| 1301689 | Soil    | 1.74  | 22.48 | 15.16 | 88.9  | 96    | 32.5  | 8.4  | 232  | 3.19 | 10.6 | 0.5  | 1.0  | 1.2  | 10.4 | 0.47 | 0.97  | 0.23  | 61   | 0.09  | 0.037 |
| 1301690 | Soil    | 3.69  | 18.59 | 13.59 | 78.4  | 132   | 23.2  | 4.9  | 126  | 1.77 | 9.3  | 1.0  | 0.3  | 1.6  | 16.1 | 0.74 | 0.94  | 0.19  | 59   | 0.25  | 0.065 |
| 1301691 | Soil    | 12.51 | 24.80 | 15.32 | 44.1  | 217   | 6.4   | 0.8  | 10   | 2.46 | 21.3 | 0.7  | 0.9  | 0.9  | 9.3  | 0.11 | 1.59  | 0.24  | 22   | 0.02  | 0.034 |
| 1301692 | Soil    | 17.97 | 38.45 | 21.67 | 79.2  | 465   | 7.8   | 0.9  | 17   | 3.33 | 36.0 | 0.7  | 1.9  | 1.1  | 14.1 | 0.11 | 4.69  | 0.25  | 26   | 0.01  | 0.047 |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|-------|------|-------|--------|------|------|--------|------|------|------|------|-------|------|------|-------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti     | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %      | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   | ppm  |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1301663 | Soil    | 13.0 | 108.2 | 0.18 | 363.7 | 0.007  | 4    | 1.24 | <0.001 | 0.19 | 0.3  | 0.9  | 1.82 | 0.03  | 247  | 5.5  | 0.53  | 7.3  |
| 1301664 | Soil    | 13.1 | 27.8  | 0.08 | 205.2 | 0.025  | 1    | 0.93 | 0.002  | 0.08 | 0.2  | 2.0  | 0.54 | 0.11  | 48   | 1.9  | 0.14  | 6.4  |
| 1301665 | Soil    | 9.3  | 21.6  | 0.18 | 193.0 | 0.018  | <1   | 0.96 | 0.003  | 0.03 | 0.2  | 1.5  | 0.31 | <0.02 | 46   | 0.3  | 0.04  | 4.6  |
| 1301666 | Soil    | 19.0 | 30.4  | 0.24 | 255.2 | 0.014  | 2    | 1.17 | 0.002  | 0.05 | 0.3  | 3.2  | 0.49 | 0.02  | 289  | 1.1  | 0.10  | 3.2  |
| 1301667 | Soil    | 36.3 | 126.1 | 0.16 | 259.6 | 0.010  | 11   | 1.08 | <0.001 | 0.35 | 0.4  | 6.0  | 1.67 | 0.04  | 1063 | 7.4  | 0.43  | 6.0  |
| 1301668 | Soil    | 19.7 | 90.5  | 0.40 | 656.1 | 0.020  | 8    | 1.66 | 0.002  | 0.31 | 0.2  | 4.7  | 1.31 | 0.07  | 696  | 2.9  | 0.21  | 6.0  |
| 1301669 | Soil    | 16.7 | 51.0  | 0.47 | 557.8 | 0.022  | 5    | 1.40 | 0.007  | 0.14 | 0.2  | 4.3  | 0.71 | 0.08  | 530  | 2.4  | 0.13  | 4.7  |
| 1301670 | Soil    | 17.0 | 30.1  | 1.77 | 611.1 | 0.017  | 8    | 1.00 | 0.016  | 0.15 | <0.1 | 1.7  | 0.36 | 0.10  | 265  | 1.8  | 0.04  | 3.2  |
| 1301671 | Soil    | 8.6  | 14.8  | 2.76 | 209.8 | 0.015  | 3    | 0.83 | 0.014  | 0.06 | 0.2  | 1.6  | 0.16 | 0.07  | 64   | 0.5  | 0.07  | 2.1  |
| 1301672 | Soil    | 6.5  | 24.2  | 0.28 | 123.3 | 0.018  | 4    | 1.25 | 0.005  | 0.06 | 0.1  | 2.1  | 0.37 | <0.02 | 37   | 1.3  | 0.08  | 5.8  |
| 1301673 | Soil    | 1.8  | 15.2  | 0.04 | 186.8 | <0.001 | 1    | 0.49 | 0.002  | 0.09 | <0.1 | 3.0  | 1.14 | 0.05  | 287  | 3.1  | 0.09  | 2.2  |
| 1301674 | Soil    | 4.8  | 16.4  | 0.05 | 156.5 | 0.006  | 1    | 0.69 | 0.002  | 0.07 | <0.1 | 1.7  | 0.66 | 0.03  | 63   | 2.5  | 0.08  | 3.5  |
| 1301675 | Soil    | 6.3  | 20.9  | 0.15 | 311.6 | 0.010  | 1    | 1.01 | 0.004  | 0.06 | 0.1  | 2.4  | 0.40 | 0.04  | 63   | 2.1  | 0.09  | 4.7  |
| 1301676 | Soil    | 7.1  | 25.5  | 0.30 | 138.8 | 0.023  | 1    | 1.39 | 0.003  | 0.07 | 0.1  | 2.3  | 0.39 | 0.03  | 35   | 1.1  | 0.04  | 6.0  |
| 1301677 | Soil    | 4.7  | 10.0  | 4.38 | 1200  | 0.001  | 3    | 0.35 | 0.007  | 0.09 | <0.1 | 1.4  | 0.41 | 0.11  | 131  | 2.5  | 0.04  | 1.0  |
| 1301678 | Soil    | 2.0  | 4.0   | 7.72 | 38.8  | 0.005  | 2    | 0.19 | 0.011  | 0.02 | <0.1 | 0.3  | 0.06 | 0.06  | 25   | 0.4  | <0.02 | 0.4  |
| 1301679 | Soil    | 3.5  | 12.8  | 1.66 | 452.9 | 0.001  | 4    | 0.41 | 0.025  | 0.16 | <0.1 | 2.7  | 1.19 | 0.43  | 324  | 2.0  | 0.09  | 1.9  |
| 1301680 | Soil    | 3.5  | 8.9   | 4.77 | 1679  | <0.001 | 4    | 0.32 | 0.011  | 0.10 | <0.1 | 1.6  | 0.34 | 0.14  | 168  | 1.2  | 0.02  | 1.1  |
| 1301681 | Soil    | 10.4 | 20.8  | 2.08 | 229.6 | 0.023  | 2    | 1.05 | 0.011  | 0.05 | 0.2  | 2.6  | 0.16 | 0.05  | 59   | 0.8  | 0.05  | 2.9  |
| 1301682 | Soil    | 7.1  | 21.2  | 0.32 | 1887  | 0.013  | 2    | 1.12 | 0.005  | 0.05 | 0.2  | 2.5  | 0.24 | 0.06  | 46   | 0.4  | 0.03  | 4.5  |
| 1301683 | Soil    | 7.9  | 22.8  | 0.39 | 1478  | 0.013  | 2    | 1.19 | 0.006  | 0.07 | <0.1 | 2.8  | 0.19 | 0.05  | 34   | 0.7  | 0.04  | 3.7  |
| 1301684 | Soil    | 8.6  | 17.2  | 0.27 | 92.0  | 0.024  | 1    | 1.16 | 0.004  | 0.03 | 0.1  | 1.5  | 0.14 | 0.06  | 48   | 0.2  | 0.04  | 4.3  |
| 1301685 | Soil    | 10.4 | 23.7  | 0.91 | 107.5 | 0.030  | 2    | 1.33 | 0.009  | 0.04 | 0.2  | 2.5  | 0.14 | 0.03  | 48   | 0.3  | 0.07  | 3.8  |
| 1301686 | Soil    | 13.2 | 25.5  | 0.49 | 159.1 | 0.038  | <1   | 1.64 | 0.009  | 0.05 | 0.1  | 3.6  | 0.14 | 0.02  | 52   | 0.2  | <0.02 | 5.0  |
| 1301687 | Soil    | 13.0 | 27.8  | 0.45 | 141.4 | 0.042  | 1    | 1.99 | 0.008  | 0.04 | 0.1  | 4.1  | 0.14 | <0.02 | 33   | 0.3  | 0.03  | 4.9  |
| 1301688 | Soil    | 11.1 | 25.2  | 0.52 | 195.5 | 0.030  | 1    | 1.24 | 0.014  | 0.07 | 0.2  | 4.0  | 0.16 | 0.04  | 71   | 0.5  | 0.05  | 3.5  |
| 1301689 | Soil    | 8.8  | 23.7  | 0.33 | 204.5 | 0.024  | 1    | 1.31 | 0.003  | 0.05 | 0.2  | 2.4  | 0.06 | 0.02  | 28   | 0.4  | 0.06  | 6.1  |
| 1301690 | Soil    | 9.0  | 17.6  | 0.21 | 213.6 | 0.011  | <1   | 1.04 | 0.005  | 0.06 | 0.1  | 2.4  | 0.23 | <0.02 | 41   | 0.5  | 0.09  | 4.2  |
| 1301691 | Soil    | 1.0  | 11.7  | 0.03 | 164.0 | <0.001 | 2    | 0.52 | 0.008  | 0.09 | <0.1 | 1.4  | 0.42 | 0.06  | 90   | 2.4  | 0.11  | 2.2  |
| 1301692 | Soil    | 1.4  | 12.9  | 0.03 | 215.9 | <0.001 | 1    | 0.48 | 0.021  | 0.10 | <0.1 | 1.8  | 1.26 | 0.13  | 95   | 4.8  | 0.11  | 2.4  |

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Project: FACE  
 Report Date: August 20, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method Analyte Unit MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |       |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|-------|
|                         | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |       |
|                         | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |       |
| 1301693                 | Soil    | 5.13    | 30.11   | 14.79   | 38.7    | 205     | 11.7    | 3.6     | 132     | 1.85    | 17.1   | 0.7     | 1.8     | 1.3     | 19.6    | 0.16    | 1.46    | 0.16   | 28      | 0.14   | 0.037 |
| 1301694                 | Soil    | 1.98    | 21.49   | 23.31   | 158.9   | 258     | 27.7    | 8.0     | 366     | 2.20    | 9.2    | 1.8     | 1.4     | 1.5     | 16.8    | 0.82    | 0.78    | 0.13   | 46      | 1.77   | 0.136 |
| 1301695                 | Soil    | 0.89    | 17.60   | 17.98   | 64.4    | 184     | 22.9    | 9.5     | 636     | 2.18    | 8.2    | 1.4     | 0.4     | 1.4     | 20.7    | 0.28    | 0.47    | 0.12   | 45      | 2.35   | 0.123 |
| 1301696                 | Soil    | 0.68    | 15.63   | 20.59   | 91.3    | 168     | 24.0    | 9.8     | 483     | 2.43    | 8.9    | 1.7     | <0.2    | 1.5     | 18.4    | 0.38    | 0.44    | 0.13   | 44      | 1.24   | 0.145 |
| 1301697                 | Soil    | 0.70    | 14.89   | 16.23   | 59.3    | 143     | 19.0    | 7.4     | 235     | 1.88    | 7.6    | 1.5     | 1.0     | 1.8     | 25.9    | 0.29    | 0.40    | 0.08   | 36      | 6.72   | 0.112 |
| 1301698                 | Soil    | 0.51    | 22.47   | 14.83   | 71.6    | 189     | 24.8    | 8.2     | 161     | 1.93    | 6.9    | 1.0     | 0.9     | 3.3     | 24.6    | 0.35    | 0.56    | 0.10   | 47      | 4.11   | 0.092 |
| 1301699                 | Soil    | 0.63    | 20.64   | 14.74   | 82.8    | 220     | 25.1    | 9.5     | 367     | 2.17    | 8.0    | 1.0     | 3.0     | 2.8     | 22.9    | 0.44    | 0.52    | 0.12   | 48      | 2.74   | 0.099 |
| 1301700                 | Soil    | 12.22   | 30.07   | 15.53   | 185.7   | 1367    | 35.8    | 3.2     | 53      | 2.11    | 22.8   | 3.5     | 1.2     | 2.6     | 42.6    | 3.20    | 8.83    | 0.15   | 197     | 0.21   | 0.077 |
| 1301701                 | Soil    | 2.70    | 21.71   | 17.11   | 76.3    | 91      | 36.4    | 13.1    | 381     | 3.16    | 15.4   | 0.7     | 1.9     | 3.2     | 15.6    | 0.77    | 0.95    | 0.19   | 58      | 0.17   | 0.052 |
| 1301702                 | Soil    | 3.05    | 50.00   | 12.37   | 61.5    | 246     | 21.9    | 3.4     | 119     | 1.98    | 11.3   | 1.0     | 4.2     | 1.5     | 40.9    | 0.31    | 0.77    | 0.15   | 32      | 1.16   | 0.067 |
| 1301703                 | Soil    | 1.10    | 20.14   | 16.61   | 101.4   | 256     | 31.9    | 10.8    | 294     | 2.25    | 9.8    | 1.4     | 2.0     | 3.5     | 23.8    | 0.73    | 0.78    | 0.13   | 64      | 2.30   | 0.112 |
| 1301704                 | Soil    | 0.63    | 23.81   | 16.74   | 82.2    | 228     | 30.9    | 11.0    | 253     | 2.72    | 12.8   | 1.2     | 1.5     | 3.9     | 22.2    | 0.47    | 0.68    | 0.12   | 56      | 2.16   | 0.100 |
| 1301705                 | Soil    | 1.11    | 19.76   | 21.76   | 71.6    | 238     | 27.0    | 10.0    | 530     | 2.65    | 9.1    | 2.5     | 1.0     | 2.0     | 22.4    | 0.24    | 0.56    | 0.12   | 51      | 2.55   | 0.146 |
| 1301706                 | Soil    | 0.99    | 17.55   | 17.71   | 79.0    | 163     | 27.7    | 10.6    | 397     | 2.55    | 8.1    | 1.4     | <0.2    | 2.9     | 23.9    | 0.73    | 0.54    | 0.13   | 49      | 1.80   | 0.105 |
| 1301707                 | Soil    | 0.75    | 15.02   | 22.23   | 78.3    | 59      | 24.8    | 10.7    | 377     | 2.47    | 7.3    | 1.8     | <0.2    | 2.3     | 12.8    | 0.43    | 0.29    | 0.10   | 37      | 1.57   | 0.142 |
| 1301708                 | Soil    | 1.09    | 12.13   | 16.87   | 51.0    | 50      | 17.6    | 6.7     | 334     | 1.83    | 5.8    | 1.1     | 0.3     | 1.7     | 15.1    | 0.26    | 0.36    | 0.11   | 40      | 0.82   | 0.076 |
| 1301709                 | Soil    | 0.98    | 16.80   | 12.20   | 67.5    | 68      | 29.9    | 12.1    | 395     | 2.69    | 10.4   | 0.8     | 1.1     | 4.9     | 16.7    | 0.22    | 0.62    | 0.13   | 58      | 0.23   | 0.044 |
| 1301710                 | Soil    | 1.02    | 16.77   | 24.39   | 78.4    | 69      | 23.6    | 9.7     | 590     | 2.43    | 7.4    | 2.4     | 1.7     | 1.9     | 19.5    | 1.16    | 0.53    | 0.12   | 42      | 1.40   | 0.168 |
| 1301711                 | Soil    | 1.07    | 16.59   | 20.78   | 81.7    | 84      | 24.1    | 9.8     | 477     | 2.43    | 7.5    | 1.9     | <0.2    | 1.9     | 13.5    | 0.22    | 0.55    | 0.14   | 52      | 0.76   | 0.107 |
| 1301712                 | Soil    | 0.95    | 16.63   | 22.39   | 75.7    | 76      | 28.9    | 11.3    | 542     | 2.60    | 7.3    | 1.9     | 0.8     | 1.7     | 18.2    | 0.43    | 0.41    | 0.13   | 42      | 1.67   | 0.120 |
| 1301713                 | Soil    | 1.56    | 18.67   | 16.33   | 79.5    | 256     | 30.8    | 10.5    | 551     | 2.59    | 10.4   | 1.5     | 0.4     | 4.8     | 16.6    | 0.63    | 0.72    | 0.11   | 49      | 0.89   | 0.078 |
| 1301714                 | Soil    | 9.46    | 34.45   | 10.69   | 21.2    | 76      | 9.4     | 1.6     | 50      | 1.65    | 19.6   | 0.8     | 0.4     | 1.3     | 30.4    | 0.32    | 1.09    | 0.14   | 29      | 0.06   | 0.031 |
| 1301715                 | Soil    | 1.58    | 24.07   | 14.79   | 82.3    | 364     | 31.7    | 10.0    | 287     | 2.81    | 12.9   | 1.1     | 3.1     | 3.2     | 22.8    | 0.20    | 1.16    | 0.16   | 64      | 0.44   | 0.084 |
| 1301716                 | Soil    | 2.12    | 38.28   | 11.60   | 141.1   | 830     | 40.5    | 6.9     | 114     | 2.37    | 14.3   | 0.9     | 3.6     | 1.2     | 73.5    | 1.26    | 2.61    | 0.17   | 37      | 0.56   | 0.091 |
| 1301717                 | Soil    | 10.93   | 42.11   | 13.16   | 431.3   | 623     | 49.3    | 4.0     | 59      | 1.38    | 13.3   | 2.9     | 2.7     | 1.8     | 42.2    | 7.34    | 9.95    | 0.17   | 176     | 0.22   | 0.099 |
| 1301718                 | Soil    | 3.30    | 24.17   | 11.94   | 69.6    | 669     | 20.5    | 3.3     | 79      | 1.75    | 14.3   | 1.6     | 11.6    | 1.7     | 23.3    | 0.77    | 3.70    | 0.18   | 83      | 0.16   | 0.080 |
| 1301719                 | Soil    | 38.19   | 22.33   | 16.33   | 17.5    | 431     | 6.6     | 1.1     | 33      | 1.14    | 15.3   | 0.9     | 0.9     | 0.3     | 27.8    | 0.22    | 6.43    | 0.28   | 117     | 0.04   | 0.031 |
| 1301720                 | Soil    | 3.86    | 43.10   | 16.34   | 165.1   | 681     | 45.5    | 10.4    | 223     | 2.41    | 16.0   | 7.9     | 3.2     | 2.7     | 40.9    | 1.13    | 1.86    | 0.17   | 122     | 2.33   | 0.794 |
| 1301721                 | Soil    | 12.02   | 85.64   | 82.77   | 364.0   | 1492    | 43.7    | 5.0     | 260     | 1.20    | 15.9   | 17.5    | 3.1     | 1.1     | 63.3    | 2.52    | 2.64    | 0.11   | 128     | 7.41   | 0.792 |
| 1301722                 | Soil    | 36.15   | 143.0   | 15.13   | 685.1   | 4267    | 106.5   | 8.6     | 203     | 2.68    | 31.6   | 9.3     | 9.8     | 1.3     | 27.1    | 5.58    | 5.88    | 0.23   | 359     | 0.66   | 0.359 |



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 Report Date: August 20, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1301693 | Soil    | 5.9  | 13.6 | 0.14 | 295.1 | 0.005 | <1   | 0.67 | 0.004 | 0.08 | <0.1 | 2.5  | 0.34 | 0.03  | 74   | 1.9  | <0.02 | 2.3 |
| 1301694 | Soil    | 8.3  | 24.8 | 0.76 | 197.7 | 0.009 | 2    | 1.37 | 0.005 | 0.11 | <0.1 | 3.4  | 0.22 | 0.05  | 36   | 0.7  | <0.02 | 3.6 |
| 1301695 | Soil    | 11.3 | 24.8 | 1.33 | 183.9 | 0.018 | <1   | 1.49 | 0.010 | 0.06 | 0.1  | 3.3  | 0.14 | 0.04  | 48   | 0.5  | <0.02 | 4.2 |
| 1301696 | Soil    | 9.8  | 27.4 | 0.57 | 163.4 | 0.015 | 2    | 1.55 | 0.008 | 0.09 | <0.1 | 3.4  | 0.13 | 0.04  | 41   | 0.3  | <0.02 | 4.2 |
| 1301697 | Soil    | 7.4  | 21.7 | 3.53 | 119.0 | 0.015 | 2    | 1.13 | 0.009 | 0.07 | <0.1 | 3.0  | 0.10 | 0.03  | 68   | 0.4  | <0.02 | 2.9 |
| 1301698 | Soil    | 11.4 | 26.2 | 2.43 | 155.2 | 0.032 | 2    | 1.31 | 0.012 | 0.09 | 0.1  | 4.1  | 0.12 | <0.02 | 39   | 0.4  | 0.03  | 3.7 |
| 1301699 | Soil    | 11.4 | 25.9 | 1.66 | 187.5 | 0.027 | 1    | 1.39 | 0.012 | 0.08 | 0.1  | 4.2  | 0.12 | 0.02  | 41   | 0.3  | 0.03  | 4.0 |
| 1301700 | Soil    | 11.4 | 24.4 | 0.21 | 2732  | 0.008 | 2    | 1.09 | 0.003 | 0.10 | <0.1 | 3.3  | 0.82 | 0.06  | 207  | 4.8  | 0.10  | 3.6 |
| 1301701 | Soil    | 7.5  | 30.4 | 0.35 | 240.6 | 0.019 | <1   | 2.47 | 0.003 | 0.11 | 0.2  | 4.2  | 0.25 | 0.06  | 26   | 0.6  | 0.07  | 5.4 |
| 1301702 | Soil    | 5.5  | 17.3 | 0.58 | 332.3 | 0.006 | 2    | 0.79 | 0.007 | 0.09 | <0.1 | 4.2  | 0.31 | 0.03  | 157  | 0.9  | 0.06  | 2.0 |
| 1301703 | Soil    | 12.1 | 30.6 | 1.43 | 243.5 | 0.023 | 1    | 1.50 | 0.011 | 0.09 | 0.1  | 4.6  | 0.16 | 0.02  | 57   | 0.4  | 0.02  | 4.2 |
| 1301704 | Soil    | 12.3 | 31.6 | 1.38 | 203.5 | 0.025 | 1    | 1.59 | 0.011 | 0.09 | 0.1  | 5.1  | 0.16 | 0.02  | 50   | 0.3  | <0.02 | 4.5 |
| 1301705 | Soil    | 11.3 | 29.5 | 1.50 | 214.8 | 0.016 | <1   | 1.73 | 0.008 | 0.08 | 0.1  | 4.2  | 0.15 | 0.03  | 73   | 0.4  | 0.04  | 4.6 |
| 1301706 | Soil    | 11.8 | 29.3 | 1.19 | 193.0 | 0.026 | <1   | 1.82 | 0.011 | 0.09 | 0.1  | 4.2  | 0.13 | 0.02  | 47   | 0.2  | 0.04  | 4.5 |
| 1301707 | Soil    | 10.3 | 27.3 | 1.01 | 124.5 | 0.008 | 1    | 1.90 | 0.003 | 0.09 | <0.1 | 3.9  | 0.12 | 0.02  | 38   | 0.3  | <0.02 | 4.0 |
| 1301708 | Soil    | 9.1  | 20.0 | 0.50 | 132.7 | 0.021 | <1   | 1.60 | 0.010 | 0.05 | <0.1 | 2.9  | 0.13 | <0.02 | 21   | 0.3  | <0.02 | 4.3 |
| 1301709 | Soil    | 14.0 | 34.0 | 0.55 | 211.9 | 0.043 | <1   | 2.30 | 0.008 | 0.06 | 0.2  | 4.6  | 0.14 | <0.02 | 27   | 0.3  | <0.02 | 5.2 |
| 1301710 | Soil    | 12.1 | 27.0 | 0.71 | 179.5 | 0.016 | <1   | 2.00 | 0.003 | 0.07 | <0.1 | 4.2  | 0.16 | 0.03  | 35   | 0.4  | <0.02 | 4.5 |
| 1301711 | Soil    | 11.0 | 28.1 | 0.53 | 183.1 | 0.013 | 1    | 1.81 | 0.004 | 0.07 | <0.1 | 3.6  | 0.17 | 0.03  | 37   | 0.3  | <0.02 | 5.0 |
| 1301712 | Soil    | 9.5  | 29.2 | 0.98 | 177.3 | 0.012 | <1   | 2.12 | 0.004 | 0.07 | <0.1 | 3.7  | 0.13 | 0.04  | 36   | 0.4  | <0.02 | 4.1 |
| 1301713 | Soil    | 18.7 | 35.4 | 0.78 | 260.4 | 0.029 | 1    | 2.26 | 0.008 | 0.08 | 0.1  | 6.2  | 0.14 | <0.02 | 42   | 0.4  | <0.02 | 4.2 |
| 1301714 | Soil    | 4.0  | 11.0 | 0.08 | 255.2 | 0.004 | <1   | 0.38 | 0.021 | 0.08 | <0.1 | 2.3  | 0.77 | 0.11  | 46   | 2.1  | 0.05  | 1.2 |
| 1301715 | Soil    | 13.8 | 32.2 | 0.50 | 287.3 | 0.023 | <1   | 1.80 | 0.009 | 0.08 | 0.1  | 4.9  | 0.18 | <0.02 | 64   | 0.8  | 0.06  | 4.9 |
| 1301716 | Soil    | 4.8  | 16.4 | 0.23 | 417.3 | 0.004 | 1    | 0.94 | 0.032 | 0.09 | <0.1 | 3.9  | 0.30 | 0.14  | 146  | 1.9  | 0.03  | 2.7 |
| 1301717 | Soil    | 13.0 | 17.5 | 0.12 | 2681  | 0.008 | 2    | 0.68 | 0.004 | 0.06 | <0.1 | 2.4  | 0.25 | 0.04  | 57   | 1.8  | 0.13  | 2.0 |
| 1301718 | Soil    | 12.3 | 24.3 | 0.31 | 809.9 | 0.023 | 1    | 1.18 | 0.006 | 0.04 | 0.2  | 2.6  | 0.61 | 0.05  | 118  | 4.7  | 0.07  | 4.2 |
| 1301719 | Soil    | 7.0  | 10.7 | 0.03 | 237.3 | 0.022 | 1    | 0.44 | 0.009 | 0.09 | 0.1  | 0.7  | 1.82 | 0.17  | 24   | 4.9  | 0.11  | 5.1 |
| 1301720 | Soil    | 18.2 | 41.2 | 0.63 | 818.9 | 0.027 | 6    | 1.81 | 0.012 | 0.09 | 0.2  | 4.3  | 0.32 | 0.03  | 132  | 0.7  | 0.02  | 5.1 |
| 1301721 | Soil    | 16.9 | 22.2 | 3.26 | 728.0 | 0.014 | 4    | 0.78 | 0.012 | 0.11 | 0.2  | 2.0  | 0.28 | 0.06  | 301  | 2.1  | 0.05  | 2.1 |
| 1301722 | Soil    | 18.9 | 43.3 | 0.34 | 297.5 | 0.024 | 4    | 1.73 | 0.008 | 0.11 | 0.2  | 3.6  | 0.75 | 0.03  | 712  | 4.4  | 0.21  | 5.5 |



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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V     | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm   | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2     | 0.01 | 0.001 |       |
| 1301723 | Soil | 1.77  | 25.29 | 11.34 | 207.0 | 1036 | 43.5  | 4.9  | 67   | 1.25 | 10.2 | 5.0  | 0.4  | 2.1  | 45.4  | 2.58  | 1.66  | 0.18  | 158  | 0.86  | 0.136 |
| 1301724 | Soil | 14.80 | 22.30 | 10.32 | 240.8 | 1312 | 59.7  | 4.7  | 154  | 1.65 | 12.6 | 2.5  | 1.2  | 0.2  | 28.0  | 4.93  | 5.37  | 0.12  | 171  | 0.48  | 0.067 |
| 1301725 | Soil | 27.77 | 38.26 | 11.19 | 528.7 | 2306 | 99.4  | 6.0  | 126  | 1.71 | 29.8 | 3.8  | 0.5  | 2.4  | 65.1  | 7.66  | 8.62  | 0.18  | 222  | 1.09  | 0.106 |
| 1301726 | Soil | 3.97  | 28.05 | 9.44  | 200.6 | 1015 | 48.6  | 6.6  | 147  | 1.88 | 11.6 | 2.9  | 2.0  | 1.9  | 59.6  | 3.20  | 2.88  | 0.13  | 146  | 1.32  | 0.102 |
| 1301727 | Soil | 2.85  | 28.89 | 10.91 | 267.9 | 1044 | 35.3  | 6.9  | 195  | 1.47 | 7.4  | 4.9  | 4.9  | 1.5  | 26.2  | 1.24  | 1.74  | 0.17  | 169  | 0.72  | 0.119 |
| 1301728 | Soil | 26.01 | 131.5 | 10.55 | 346.6 | 473  | 143.6 | 9.0  | 72   | 2.60 | 25.5 | 11.2 | 2.5  | 0.8  | 56.6  | 0.70  | 8.17  | 0.29  | 315  | 1.31  | 0.680 |
| 1301729 | Soil | 31.83 | 43.19 | 17.53 | 699.0 | 558  | 115.5 | 7.3  | 123  | 3.47 | 31.4 | 3.8  | 0.3  | 0.5  | 26.7  | 2.43  | 4.38  | 0.31  | 329  | 0.29  | 0.266 |
| 1301730 | Soil | 11.16 | 26.82 | 9.98  | 270.2 | 1181 | 47.0  | 4.5  | 179  | 1.28 | 10.3 | 3.2  | 0.9  | 0.2  | 60.1  | 3.68  | 2.21  | 0.12  | 154  | 1.55  | 0.107 |
| 1301731 | Soil | 12.92 | 28.30 | 12.35 | 399.5 | 3490 | 69.9  | 6.1  | 296  | 1.88 | 20.9 | 3.5  | 0.8  | 0.6  | 76.6  | 9.75  | 4.29  | 0.17  | 241  | 2.22  | 0.109 |
| 1301732 | Soil | 38.87 | 33.33 | 17.49 | 512.1 | 652  | 99.3  | 4.7  | 64   | 2.75 | 41.5 | 1.9  | 1.1  | 0.5  | 5.2   | 1.86  | 15.06 | 0.30  | 685  | 0.04  | 0.041 |
| 1301733 | Soil | 11.85 | 26.15 | 9.74  | 239.3 | 680  | 52.8  | 3.4  | 24   | 1.00 | 8.4  | 1.9  | 0.6  | <0.1 | 13.9  | 2.15  | 7.34  | 0.10  | 215  | 0.28  | 0.035 |
| 1301734 | Soil | 41.38 | 53.13 | 16.14 | 559.6 | 3102 | 129.8 | 7.1  | 106  | 1.54 | 25.4 | 3.8  | 0.6  | 0.9  | 15.7  | 12.48 | 13.41 | 0.13  | 290  | 0.47  | 0.054 |
| 1301735 | Soil | 21.59 | 62.68 | 13.88 | 633.7 | 2847 | 72.8  | 5.2  | 33   | 1.80 | 16.2 | 3.1  | 1.1  | 0.9  | 26.0  | 6.50  | 9.78  | 0.17  | 217  | 0.50  | 0.210 |
| 1301736 | Soil | 4.70  | 9.57  | 14.06 | 97.2  | 132  | 15.9  | 5.1  | 244  | 1.18 | 9.9  | 0.9  | 1.7  | 0.8  | 49.1  | 0.34  | 0.51  | 0.05  | 20   | 7.41  | 0.047 |
| 1301737 | Soil | 0.37  | 1.75  | 24.74 | 66.0  | 53   | 2.1   | 1.0  | 137  | 0.13 | 0.7  | 0.1  | 4.6  | <0.1 | 15.6  | 0.22  | 0.09  | <0.02 | 3    | 4.42  | 0.015 |
| 1301738 | Soil | 0.89  | 15.08 | 17.79 | 56.9  | 103  | 25.2  | 7.8  | 129  | 2.85 | 10.2 | 1.2  | 1.5  | 3.4  | 12.4  | 0.25  | 0.80  | 0.17  | 73   | 0.20  | 0.073 |
| 1301739 | Soil | 10.77 | 59.80 | 16.53 | 559.0 | 3092 | 75.3  | 5.9  | 160  | 2.90 | 19.0 | 9.6  | 2.1  | 5.0  | 66.1  | 11.51 | 12.75 | 0.15  | 202  | 0.55  | 0.176 |
| 1301751 | Soil | 22.43 | 42.13 | 10.19 | 436.1 | 3192 | 120.5 | 5.7  | 149  | 1.97 | 26.0 | 5.1  | 1.9  | 3.6  | 50.1  | 7.17  | 3.71  | 0.17  | 189  | 1.07  | 0.285 |
| 1301752 | Soil | 12.34 | 30.94 | 13.05 | 364.1 | 2090 | 85.4  | 9.0  | 276  | 2.57 | 18.6 | 2.7  | 1.2  | 1.8  | 28.9  | 2.85  | 2.08  | 0.19  | 129  | 0.46  | 0.230 |
| 1301753 | Soil | 14.11 | 24.70 | 18.81 | 91.0  | 521  | 25.5  | 4.5  | 167  | 2.74 | 16.4 | 0.8  | 2.0  | 2.9  | 7.9   | 0.32  | 2.16  | 0.31  | 178  | 0.07  | 0.027 |
| 1301754 | Soil | 3.90  | 40.59 | 19.40 | 320.9 | 787  | 55.4  | 9.7  | 307  | 2.32 | 10.1 | 5.4  | 2.4  | 1.4  | 36.1  | 4.58  | 1.82  | 0.15  | 81   | 1.08  | 0.117 |
| 1301755 | Soil | 27.19 | 73.04 | 18.15 | 401.4 | 1977 | 105.4 | 7.3  | 193  | 2.24 | 21.8 | 4.5  | 2.6  | 0.6  | 36.3  | 4.46  | 4.11  | 0.23  | 171  | 0.90  | 0.230 |
| 1301756 | Soil | 16.98 | 34.98 | 10.66 | 410.4 | 2780 | 88.0  | 7.3  | 259  | 2.12 | 23.3 | 3.0  | 1.3  | 3.2  | 39.2  | 5.27  | 2.88  | 0.13  | 135  | 0.50  | 0.158 |
| 1301757 | Soil | 28.55 | 46.68 | 12.61 | 483.8 | 1884 | 109.6 | 6.5  | 161  | 2.35 | 30.8 | 2.8  | <0.2 | 5.5  | 127.3 | 6.26  | 7.54  | 0.18  | 254  | 4.38  | 0.102 |
| 1301758 | Soil | 26.56 | 44.87 | 18.20 | 749.3 | 4256 | 139.8 | 8.6  | 169  | 2.38 | 31.6 | 4.5  | 3.3  | 3.4  | 38.3  | 7.72  | 3.33  | 0.21  | 210  | 0.45  | 0.213 |
| 1301759 | Soil | 5.99  | 12.32 | 16.73 | 122.6 | 122  | 20.1  | 6.1  | 309  | 1.52 | 12.1 | 1.1  | 3.4  | 1.0  | 65.1  | 0.38  | 0.71  | 0.09  | 30   | 7.98  | 0.059 |
| 1301760 | Soil | 3.06  | 6.13  | 11.64 | 314.2 | 98   | 31.5  | 9.4  | 2229 | 0.85 | 2.9  | 0.9  | 0.7  | <0.1 | 42.5  | 0.50  | 0.55  | 0.04  | 15   | 11.74 | 0.046 |
| 1301761 | Soil | 2.92  | 10.85 | 41.89 | 887.5 | 349  | 21.6  | 9.2  | 822  | 2.01 | 8.6  | 0.9  | 0.9  | 0.5  | 25.5  | 4.28  | 0.48  | 0.11  | 50   | 4.53  | 0.079 |
| 1301762 | Soil | 1.99  | 7.21  | 19.12 | 90.1  | 126  | 14.4  | 5.3  | 267  | 1.26 | 5.0  | 0.3  | 1.2  | 0.6  | 20.6  | 0.30  | 0.29  | 0.06  | 28   | 5.09  | 0.027 |
| 1301763 | Soil | 0.76  | 23.32 | 95.50 | 373.0 | 81   | 20.2  | 9.3  | 1204 | 3.14 | 6.4  | 1.0  | 1.0  | 2.3  | 86.6  | 0.84  | 0.19  | 0.10  | 17   | 8.10  | 0.069 |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  |      |
|---------|---------|------|------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|-------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na    | K     | W    | Sc   | Tl    | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %     | ppm   | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |      |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1301723 | Soil    | 17.4 | 27.1 | 0.24 | 318.8 | 0.013 | 3    | 1.01 | 0.006 | 0.04  | 0.2  | 3.2  | 0.27  | 0.06  | 220  | 1.5  | 0.08  | 3.2  |
| 1301724 | Soil    | 13.9 | 15.9 | 0.05 | 512.5 | 0.012 | 2    | 0.81 | 0.006 | 0.04  | 0.2  | 1.2  | 0.22  | 0.03  | 118  | 1.1  | 0.13  | 3.1  |
| 1301725 | Soil    | 15.5 | 17.2 | 0.08 | 386.0 | 0.005 | 2    | 0.48 | 0.005 | 0.05  | 0.3  | 3.1  | 0.49  | 0.04  | 348  | 1.9  | 0.13  | 1.7  |
| 1301726 | Soil    | 14.8 | 21.5 | 0.30 | 477.9 | 0.015 | 3    | 1.01 | 0.008 | 0.04  | 0.2  | 3.3  | 0.18  | 0.07  | 118  | 1.6  | 0.06  | 2.8  |
| 1301727 | Soil    | 11.3 | 34.2 | 0.40 | 453.2 | 0.016 | 2    | 1.44 | 0.008 | 0.05  | 0.2  | 3.2  | 0.28  | 0.04  | 228  | 1.0  | 0.05  | 4.6  |
| 1301728 | Soil    | 26.1 | 69.6 | 0.17 | 305.1 | 0.012 | 9    | 1.20 | 0.006 | 0.24  | 0.2  | 2.9  | 0.42  | 0.04  | 69   | 7.8  | 0.15  | 5.2  |
| 1301729 | Soil    | 19.2 | 39.4 | 0.09 | 198.3 | 0.011 | 3    | 0.74 | 0.004 | 0.07  | 0.4  | 1.0  | 0.63  | 0.06  | 56   | 3.0  | 0.26  | 4.5  |
| 1301730 | Soil    | 15.6 | 23.0 | 0.11 | 249.5 | 0.009 | 2    | 0.50 | 0.007 | 0.04  | 0.2  | 0.8  | 0.11  | 0.05  | 125  | 2.0  | 0.05  | 1.7  |
| 1301731 | Soil    | 20.7 | 33.9 | 0.19 | 494.6 | 0.011 | 4    | 0.96 | 0.004 | 0.04  | 0.2  | 2.2  | 0.30  | 0.08  | 274  | 3.6  | 0.06  | 2.4  |
| 1301732 | Soil    | 7.4  | 28.2 | 0.04 | 134.8 | 0.011 | 1    | 0.56 | 0.003 | 0.06  | 0.2  | 1.0  | 0.31  | 0.03  | 56   | 3.2  | 0.26  | 3.8  |
| 1301733 | Soil    | 5.5  | 14.6 | 0.03 | 373.6 | 0.005 | <1   | 0.40 | 0.006 | 0.03  | 0.2  | 0.4  | 0.19  | 0.03  | 53   | 1.7  | 0.18  | 1.7  |
| 1301734 | Soil    | 15.4 | 25.7 | 0.02 | 318.8 | 0.007 | 4    | 0.73 | 0.002 | 0.05  | 0.2  | 3.9  | 0.30  | 0.03  | 315  | 2.2  | 0.27  | 1.7  |
| 1301735 | Soil    | 10.0 | 21.1 | 0.05 | 1473  | 0.005 | 5    | 0.53 | 0.004 | 0.09  | 0.1  | 1.9  | 0.27  | 0.02  | 216  | 5.4  | 0.06  | 2.1  |
| 1301736 | Soil    | 6.3  | 9.5  | 3.93 | 121.1 | 0.010 | 3    | 0.43 | 0.011 | 0.04  | <0.1 | 1.2  | 0.13  | 0.03  | 39   | 0.3  | 0.04  | 1.1  |
| 1301737 | Soil    | 1.0  | 1.2  | 2.59 | 80.3  | 0.003 | <1   | 0.10 | 0.004 | <0.01 | <0.1 | 0.1  | <0.02 | <0.02 | 11   | <0.1 | 0.03  | 0.2  |
| 1301738 | Soil    | 13.7 | 31.2 | 0.43 | 412.6 | 0.020 | 2    | 2.04 | 0.006 | 0.04  | 0.2  | 3.8  | 0.14  | <0.02 | 45   | 0.3  | 0.04  | 5.7  |
| 1301739 | Soil    | 21.2 | 22.6 | 0.26 | 1577  | 0.011 | 4    | 0.86 | 0.007 | 0.09  | 0.1  | 3.9  | 0.49  | 0.10  | 294  | 7.9  | 0.13  | 2.6  |
| 1301751 | Soil    | 30.3 | 39.9 | 0.05 | 418.1 | 0.007 | 2    | 0.73 | 0.004 | 0.06  | 0.5  | 3.8  | 0.44  | 0.02  | 293  | 2.3  | 0.11  | 1.5  |
| 1301752 | Soil    | 21.5 | 37.4 | 0.08 | 387.3 | 0.016 | 2    | 1.74 | 0.005 | 0.05  | 0.3  | 4.0  | 0.34  | 0.04  | 306  | 1.7  | 0.07  | 3.6  |
| 1301753 | Soil    | 13.9 | 30.1 | 0.23 | 84.9  | 0.064 | <1   | 1.12 | 0.006 | 0.04  | 0.2  | 2.2  | 0.18  | <0.02 | 44   | 0.7  | 0.10  | 10.5 |
| 1301754 | Soil    | 8.9  | 23.4 | 0.45 | 1321  | 0.008 | 4    | 1.21 | 0.009 | 0.06  | <0.1 | 3.2  | 0.24  | 0.09  | 173  | 1.4  | 0.07  | 3.3  |
| 1301755 | Soil    | 21.1 | 34.6 | 0.17 | 467.1 | 0.011 | 3    | 0.93 | 0.009 | 0.08  | 0.3  | 1.7  | 0.46  | 0.08  | 252  | 3.0  | 0.19  | 3.2  |
| 1301756 | Soil    | 21.5 | 29.4 | 0.17 | 267.0 | 0.017 | 2    | 0.76 | 0.006 | 0.05  | 0.3  | 3.5  | 0.43  | <0.02 | 225  | 1.6  | 0.08  | 2.1  |
| 1301757 | Soil    | 18.7 | 18.7 | 0.10 | 342.8 | 0.004 | 3    | 0.31 | 0.009 | 0.09  | 0.3  | 4.6  | 0.73  | 0.10  | 409  | 2.5  | 0.14  | 1.2  |
| 1301758 | Soil    | 27.0 | 43.6 | 0.07 | 352.1 | 0.014 | 4    | 1.03 | 0.002 | 0.07  | 0.4  | 4.1  | 0.88  | 0.06  | 407  | 2.7  | 0.12  | 2.1  |
| 1301759 | Soil    | 8.2  | 13.0 | 4.81 | 146.8 | 0.014 | 4    | 0.72 | 0.015 | 0.08  | 0.1  | 1.9  | 0.21  | <0.02 | 48   | 0.4  | 0.02  | 1.8  |
| 1301760 | Soil    | 3.2  | 5.1  | 4.70 | 153.3 | 0.006 | 6    | 0.29 | 0.015 | 0.02  | <0.1 | 0.4  | 0.10  | 0.06  | 63   | 0.5  | <0.02 | 0.8  |
| 1301761 | Soil    | 9.3  | 21.0 | 2.44 | 82.7  | 0.014 | 3    | 1.29 | 0.008 | 0.04  | <0.1 | 1.6  | 0.11  | 0.07  | 2934 | 0.6  | <0.02 | 3.1  |
| 1301762 | Soil    | 6.9  | 13.7 | 3.09 | 75.4  | 0.015 | 2    | 0.80 | 0.006 | 0.03  | <0.1 | 1.5  | 0.07  | 0.02  | 40   | 0.3  | 0.02  | 2.0  |
| 1301763 | Soil    | 6.8  | 13.3 | 3.62 | 84.3  | 0.005 | 4    | 0.90 | 0.007 | 0.09  | <0.1 | 2.8  | 0.33  | 0.03  | 71   | 0.2  | 0.03  | 2.1  |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301764 | Soil    |      |     | 2.70    | 15.22   | 40.21   | 293.7   | 138     | 27.3    | 10.0    | 898     | 2.78    | 10.3    | 0.8    | 6.8     | 2.1     | 17.7    | 0.93    | 0.93    | 0.23    | 65     | 1.21    | 0.038  |
| 1301765 | Soil    |      |     | 15.85   | 30.52   | 21.69   | 406.7   | 501     | 35.3    | 4.5     | 184     | 1.25    | 24.6    | 11.3   | 0.9     | 0.6     | 52.7    | 2.05    | 2.49    | 0.12    | 81     | 8.68    | 0.419  |
| 1301766 | Soil    |      |     | 106.7   | 180.4   | 53.29   | 1226    | 5034    | 241.1   | 12.1    | 154     | 1.74    | 60.3    | 68.8   | 19.4    | 3.8     | 329.1   | 9.77    | 24.26   | 0.77    | 1208   | 7.76    | 3.429  |
| 1301767 | Soil    |      |     | 136.2   | 276.7   | 13.72   | 748.6   | 4105    | 251.2   | 6.0     | 216     | 2.06    | 51.0    | 30.3   | 12.0    | 1.7     | 29.2    | 8.86    | 18.42   | 0.30    | 578    | 0.70    | 0.347  |
| 1301768 | Soil    |      |     | 82.25   | 76.74   | 16.58   | 491.8   | 821     | 136.3   | 4.4     | 86      | 2.40    | 38.4    | 3.2    | 4.5     | 2.0     | 7.7     | 1.24    | 10.97   | 0.34    | 541    | 0.08    | 0.040  |
| 1301769 | Soil    |      |     | 32.47   | 84.12   | 12.66   | 362.6   | 1986    | 70.2    | 4.9     | 113     | 1.91    | 18.6    | 7.1    | 4.6     | 0.1     | 23.1    | 2.86    | 5.25    | 0.19    | 301    | 0.36    | 0.235  |
| 1301770 | Soil    |      |     | 10.95   | 38.60   | 16.84   | 45.3    | 757     | 22.7    | 3.5     | 46      | 1.98    | 15.3    | 1.5    | 2.7     | 1.8     | 24.7    | 0.27    | 4.53    | 0.18    | 48     | 0.10    | 0.049  |
| 1301771 | Soil    |      |     | 15.90   | 34.98   | 28.30   | 54.9    | 400     | 21.9    | 5.5     | 180     | 2.39    | 36.4    | 1.6    | 3.7     | 1.5     | 44.0    | 0.32    | 2.92    | 0.24    | 33     | 0.06    | 0.040  |
| 1301772 | Soil    |      |     | 4.86    | 32.52   | 24.51   | 80.6    | 254     | 27.1    | 9.9     | 283     | 3.09    | 18.6    | 0.6    | 4.0     | 2.0     | 25.0    | 0.40    | 1.44    | 0.23    | 47     | 0.11    | 0.058  |
| 1301773 | Soil    |      |     | 1.35    | 17.86   | 11.87   | 64.2    | 86      | 32.4    | 11.6    | 346     | 2.95    | 11.2    | 0.6    | 3.2     | 3.6     | 10.7    | 0.20    | 0.76    | 0.13    | 52     | 0.11    | 0.034  |
| 1301774 | Soil    |      |     | 1.37    | 28.12   | 10.66   | 76.3    | 155     | 46.9    | 15.5    | 331     | 3.04    | 10.9    | 0.6    | 2.6     | 3.7     | 10.3    | 0.25    | 0.90    | 0.12    | 49     | 0.10    | 0.031  |
| 1301775 | Soil    |      |     | 5.59    | 16.61   | 12.71   | 155.3   | 737     | 35.9    | 8.3     | 221     | 2.58    | 12.2    | 1.3    | 1.9     | 0.6     | 20.9    | 2.75    | 1.27    | 0.17    | 171    | 0.28    | 0.072  |
| 1301776 | Soil    |      |     | 3.13    | 18.81   | 11.43   | 151.1   | 353     | 27.6    | 6.6     | 93      | 2.12    | 9.3     | 1.3    | 1.8     | 2.4     | 16.1    | 0.77    | 1.26    | 0.12    | 69     | 0.20    | 0.069  |
| 1301777 | Soil    |      |     | 30.32   | 49.83   | 13.97   | 772.6   | 2637    | 151.7   | 8.7     | 134     | 2.37    | 30.3    | 3.6    | 2.3     | 2.9     | 56.4    | 9.80    | 9.64    | 0.20    | 247    | 0.90    | 0.115  |
| 1301778 | Soil    |      |     | 40.19   | 49.11   | 18.16   | 598.4   | 2618    | 138.6   | 9.5     | 145     | 2.47    | 27.4    | 3.0    | 3.0     | 2.4     | 45.2    | 8.84    | 12.31   | 0.17    | 397    | 0.57    | 0.060  |
| 1301779 | Soil    |      |     | 33.02   | 63.87   | 14.35   | 601.2   | 2882    | 168.1   | 13.3    | 172     | 2.48    | 23.3    | 4.1    | 2.2     | 2.0     | 31.7    | 8.23    | 8.82    | 0.14    | 317    | 0.51    | 0.110  |
| 1301780 | Soil    |      |     | 1.97    | 36.97   | 15.41   | 143.6   | 182     | 61.9    | 12.7    | 183     | 3.08    | 12.0    | 0.8    | 4.2     | 3.1     | 16.5    | 1.26    | 0.88    | 0.12    | 47     | 0.28    | 0.059  |
| 1301781 | Soil    |      |     | 28.46   | 99.39   | 22.03   | 1352    | 4810    | 215.6   | 21.3    | 421     | 5.51    | 44.8    | 5.1    | 3.9     | 4.0     | 28.8    | 15.97   | 50.10   | 0.28    | 525    | 0.37    | 0.271  |
| 1301782 | Soil    |      |     | 17.83   | 86.12   | 15.25   | 3339    | 11054   | 446.7   | 37.0    | 859     | 7.60    | 47.0    | 9.4    | 0.8     | 5.6     | 313.1   | 46.81   | 47.31   | 0.19    | 782    | 3.29    | 1.665  |
| 1301783 | Soil    |      |     | 3.14    | 40.97   | 11.19   | 184.0   | 1597    | 60.1    | 8.5     | 242     | 2.31    | 8.4     | 4.4    | 2.9     | 1.9     | 50.2    | 3.31    | 2.47    | 0.15    | 131    | 1.33    | 0.177  |
| 1301784 | Soil    |      |     | 45.33   | 68.12   | 13.23   | 591.4   | 3103    | 157.3   | 11.5    | 212     | 1.46    | 16.3    | 5.8    | 0.8     | 1.5     | 119.7   | 12.56   | 11.61   | 0.18    | 700    | 5.13    | 0.246  |
| 1301785 | Soil    |      |     | 22.23   | 39.93   | 11.24   | 352.9   | 2495    | 101.9   | 5.3     | 88      | 1.47    | 15.2    | 4.9    | 1.6     | 0.6     | 48.3    | 6.75    | 7.47    | 0.12    | 332    | 0.95    | 0.079  |
| 1301786 | Soil    |      |     | 4.09    | 25.74   | 11.36   | 120.0   | 245     | 46.2    | 12.5    | 332     | 2.80    | 11.9    | 0.9    | 4.5     | 3.6     | 15.0    | 1.35    | 1.49    | 0.12    | 99     | 0.16    | 0.049  |
| 1301787 | Soil    |      |     | 4.22    | 16.55   | 12.33   | 136.2   | 400     | 31.0    | 6.7     | 157     | 2.18    | 9.3     | 1.1    | 1.7     | 1.7     | 19.6    | 1.27    | 1.31    | 0.14    | 118    | 0.30    | 0.049  |
| 1301788 | Soil    |      |     | 45.38   | 101.7   | 17.81   | 1755    | 1323    | 237.6   | 26.4    | 349     | 4.46    | 34.0    | 5.5    | 2.1     | 2.8     | 25.1    | 19.18   | 14.77   | 0.25    | 488    | 0.20    | 0.105  |
| 1301789 | Soil    |      |     | 7.77    | 30.53   | 15.90   | 251.5   | 137     | 66.4    | 10.1    | 234     | 3.14    | 13.1    | 1.1    | 1.7     | 2.0     | 13.1    | 1.57    | 2.40    | 0.15    | 138    | 0.18    | 0.083  |
| 1301790 | Soil    |      |     | 2.93    | 25.56   | 11.61   | 123.1   | 307     | 39.3    | 8.5     | 187     | 2.13    | 7.6     | 1.0    | 2.4     | 2.0     | 19.1    | 0.85    | 1.10    | 0.11    | 79     | 0.31    | 0.056  |
| 1301791 | Soil    |      |     | 32.51   | 40.17   | 16.03   | 642.2   | 4005    | 157.6   | 11.6    | 299     | 2.32    | 23.6    | 2.8    | 2.4     | 0.9     | 55.4    | 9.63    | 11.64   | 0.13    | 469    | 2.29    | 0.083  |
| 1301792 | Soil    |      |     | 31.58   | 56.13   | 19.74   | 742.9   | 6777    | 157.9   | 9.8     | 54      | 2.73    | 34.9    | 3.1    | 4.1     | 7.6     | 5.5     | 4.82    | 13.57   | 0.18    | 552    | 0.06    | 0.060  |
| 1301793 | Soil    |      |     | 19.57   | 20.74   | 13.03   | 368.6   | 889     | 60.5    | 6.7     | 187     | 1.54    | 13.7    | 2.1    | 0.3     | 1.4     | 13.2    | 3.55    | 6.19    | 0.19    | 250    | 0.13    | 0.059  |



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Project: FACE  
 Report Date: August 20, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  |     |
| 1301764 | Soil    | 15.8 | 29.3  | 1.04 | 652.0 | 0.032 | 2    | 1.86 | 0.011  | 0.05 | 0.2  | 4.0  | 0.12 | 0.02  | 74   | 0.1  | <0.02 | 5.1 |
| 1301765 | Soil    | 14.8 | 18.7  | 5.14 | 1018  | 0.007 | 3    | 0.72 | 0.011  | 0.08 | <0.1 | 1.1  | 0.32 | 0.08  | 145  | 0.8  | <0.02 | 1.3 |
| 1301766 | Soil    | 42.7 | 121.5 | 0.91 | 2948  | 0.048 | 28   | 1.88 | 0.017  | 0.66 | 0.2  | 6.4  | 2.29 | 0.09  | 716  | 4.4  | 0.48  | 9.0 |
| 1301767 | Soil    | 36.2 | 72.8  | 0.07 | 220.2 | 0.015 | 4    | 0.89 | 0.003  | 0.14 | 0.3  | 4.7  | 1.26 | 0.03  | 425  | 7.6  | 0.45  | 3.8 |
| 1301768 | Soil    | 20.2 | 51.9  | 0.13 | 97.7  | 0.043 | 2    | 1.06 | 0.002  | 0.07 | 0.2  | 3.1  | 0.56 | 0.02  | 147  | 3.0  | 0.34  | 9.2 |
| 1301769 | Soil    | 15.6 | 41.7  | 0.25 | 2134  | 0.007 | 2    | 1.31 | 0.004  | 0.10 | 0.1  | 0.6  | 0.60 | 0.05  | 236  | 2.4  | 0.15  | 5.4 |
| 1301770 | Soil    | 4.0  | 16.0  | 0.20 | 413.2 | 0.002 | 5    | 0.76 | 0.002  | 0.08 | <0.1 | 3.3  | 0.58 | 0.03  | 178  | 4.6  | 0.07  | 2.7 |
| 1301771 | Soil    | 2.7  | 18.1  | 0.13 | 438.5 | 0.001 | 4    | 0.69 | 0.018  | 0.12 | <0.1 | 2.5  | 1.32 | 0.18  | 157  | 3.1  | 0.17  | 2.7 |
| 1301772 | Soil    | 7.0  | 28.7  | 0.25 | 387.0 | 0.007 | 2    | 1.27 | 0.016  | 0.11 | <0.1 | 2.8  | 0.56 | 0.14  | 73   | 1.1  | 0.11  | 4.9 |
| 1301773 | Soil    | 11.9 | 33.3  | 0.49 | 154.6 | 0.047 | 2    | 2.14 | 0.005  | 0.07 | 0.2  | 4.0  | 0.12 | <0.02 | 34   | 0.3  | 0.02  | 5.1 |
| 1301774 | Soil    | 10.4 | 32.7  | 0.45 | 143.6 | 0.047 | 2    | 2.39 | 0.005  | 0.07 | 0.1  | 4.3  | 0.14 | <0.02 | 58   | 0.7  | 0.04  | 4.6 |
| 1301775 | Soil    | 17.2 | 31.1  | 0.28 | 388.3 | 0.020 | 1    | 1.67 | 0.006  | 0.05 | 0.1  | 2.1  | 0.25 | 0.02  | 107  | 0.4  | 0.05  | 5.3 |
| 1301776 | Soil    | 10.9 | 24.3  | 0.31 | 374.7 | 0.014 | 2    | 1.34 | 0.006  | 0.06 | 0.1  | 3.3  | 0.22 | <0.02 | 61   | 0.5  | 0.04  | 4.2 |
| 1301777 | Soil    | 18.7 | 25.4  | 0.19 | 489.7 | 0.016 | 4    | 0.81 | 0.008  | 0.08 | 0.3  | 4.8  | 0.95 | 0.04  | 344  | 2.4  | 0.14  | 2.4 |
| 1301778 | Soil    | 13.9 | 29.9  | 0.12 | 749.9 | 0.013 | 3    | 1.10 | 0.004  | 0.07 | 0.2  | 5.1  | 0.72 | 0.04  | 269  | 1.7  | 0.19  | 3.0 |
| 1301779 | Soil    | 15.8 | 30.9  | 0.26 | 633.5 | 0.018 | 4    | 1.29 | 0.007  | 0.08 | 0.1  | 4.4  | 0.60 | 0.04  | 209  | 2.1  | 0.18  | 3.0 |
| 1301780 | Soil    | 10.0 | 33.9  | 0.47 | 380.4 | 0.016 | 2    | 1.54 | 0.005  | 0.07 | 0.1  | 5.0  | 0.12 | <0.02 | 33   | 0.2  | 0.02  | 4.3 |
| 1301781 | Soil    | 18.2 | 47.2  | 0.05 | 914.8 | 0.005 | 3    | 1.03 | 0.003  | 0.09 | 0.2  | 5.6  | 0.53 | 0.03  | 345  | 9.6  | 0.20  | 2.0 |
| 1301782 | Soil    | 30.2 | 72.2  | 0.08 | 941.5 | 0.016 | 15   | 2.32 | 0.007  | 0.23 | 0.1  | 6.4  | 0.74 | 0.03  | 723  | 10.8 | 0.18  | 3.0 |
| 1301783 | Soil    | 11.1 | 24.6  | 0.32 | 1153  | 0.009 | 3    | 1.10 | 0.007  | 0.08 | 0.1  | 4.2  | 0.16 | 0.07  | 161  | 2.4  | 0.05  | 3.1 |
| 1301784 | Soil    | 15.4 | 43.3  | 0.12 | 900.4 | 0.005 | 7    | 0.74 | 0.005  | 0.16 | 0.1  | 3.4  | 0.55 | 0.06  | 285  | 1.8  | 0.25  | 2.1 |
| 1301785 | Soil    | 14.0 | 23.8  | 0.08 | 571.5 | 0.006 | 2    | 0.71 | 0.004  | 0.06 | 0.1  | 3.4  | 0.50 | 0.05  | 327  | 1.8  | 0.11  | 2.0 |
| 1301786 | Soil    | 11.5 | 30.3  | 0.41 | 268.2 | 0.027 | <1   | 1.85 | 0.006  | 0.06 | 0.1  | 3.6  | 0.16 | <0.02 | 54   | 1.3  | 0.04  | 4.5 |
| 1301787 | Soil    | 10.1 | 26.2  | 0.31 | 571.6 | 0.012 | 2    | 1.42 | 0.004  | 0.06 | 0.1  | 3.3  | 0.21 | <0.02 | 60   | 0.5  | 0.04  | 5.2 |
| 1301788 | Soil    | 13.5 | 29.3  | 0.09 | 503.5 | 0.006 | 2    | 0.93 | 0.002  | 0.09 | 0.2  | 5.4  | 0.77 | 0.07  | 202  | 7.3  | 0.30  | 2.3 |
| 1301789 | Soil    | 6.8  | 28.7  | 0.21 | 407.9 | 0.005 | 3    | 1.40 | 0.002  | 0.10 | <0.1 | 3.1  | 0.28 | <0.02 | 35   | 0.8  | 0.09  | 4.4 |
| 1301790 | Soil    | 12.7 | 31.0  | 0.39 | 610.7 | 0.020 | 1    | 1.48 | 0.007  | 0.06 | 0.1  | 3.8  | 0.14 | <0.02 | 62   | <0.1 | 0.03  | 4.5 |
| 1301791 | Soil    | 19.0 | 27.9  | 0.10 | 433.8 | 0.006 | 2    | 0.89 | 0.004  | 0.06 | 0.1  | 4.5  | 0.58 | 0.05  | 435  | 1.7  | 0.19  | 2.1 |
| 1301792 | Soil    | 18.6 | 46.7  | 0.05 | 241.3 | 0.006 | 3    | 2.41 | <0.001 | 0.09 | 0.2  | 5.5  | 0.69 | 0.03  | 702  | 2.7  | 0.20  | 3.0 |
| 1301793 | Soil    | 12.1 | 23.3  | 0.07 | 313.4 | 0.012 | 1    | 0.94 | 0.003  | 0.06 | 0.2  | 1.8  | 0.40 | 0.03  | 107  | 1.2  | 0.05  | 4.1 |



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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |       |       |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|------|------|------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As    | U    | Au   | Th   | Sr    | Cd   | Sb    | Bi   | V    | Ca   | P     |       |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | %    | ppm  | ppm   | ppb  | ppm  | ppm  | ppm   | ppm  | ppm   | ppm  | ppm  | %    | %     |       |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.1  | 0.2  | 0.1   | 0.5  | 0.01  | 0.02 | 0.02 | 2    | 0.01  | 0.001 |
| 1301794 | Soil    | 25.42 | 15.78 | 11.23 | 309.0 | 254  | 57.6  | 2.4  | 22   | 1.34 | 18.8  | 0.8  | 1.3  | 0.6  | 4.9   | 0.37 | 8.42  | 0.15 | 299  | 0.03 | 0.021 |       |
| 1301795 | Soil    | 51.07 | 43.90 | 21.25 | 839.4 | 2174 | 174.0 | 6.9  | 44   | 3.47 | 46.1  | 2.6  | 3.3  | 2.3  | 10.2  | 3.14 | 18.95 | 0.25 | 723  | 0.09 | 0.057 |       |
| 1301796 | Soil    | 40.24 | 63.51 | 18.42 | 1325  | 4028 | 211.0 | 11.8 | 153  | 3.38 | 39.0  | 5.8  | 3.6  | 3.1  | 27.9  | 8.46 | 15.81 | 0.20 | 476  | 0.07 | 0.087 |       |
| 1301797 | Soil    | 294.9 | 210.7 | 22.23 | 713.4 | 5122 | 204.4 | 9.7  | 86   | 2.04 | 119.9 | 61.1 | 18.4 | 3.5  | 111.1 | 3.75 | 23.20 | 0.22 | 898  | 7.43 | 3.711 |       |
| 1301798 | Soil    | 42.52 | 172.9 | 11.37 | 329.1 | 2751 | 177.1 | 8.1  | 51   | 2.09 | 23.4  | 18.0 | 8.6  | 0.7  | 47.6  | 2.66 | 8.31  | 0.22 | 492  | 1.17 | 0.521 |       |
| 1301799 | Soil    | 20.75 | 48.47 | 10.00 | 733.4 | 2666 | 111.9 | 7.6  | 53   | 1.87 | 24.1  | 3.5  | 1.4  | 3.9  | 34.2  | 2.02 | 3.77  | 0.15 | 230  | 1.06 | 0.189 |       |
| 1301800 | Soil    | 157.5 | 339.7 | 16.68 | 1109  | 8633 | 366.9 | 7.6  | 71   | 2.28 | 57.4  | 47.1 | 19.1 | 2.5  | 53.7  | 9.48 | 20.41 | 0.47 | 808  | 1.44 | 0.613 |       |
| 1301826 | Soil    | 2.15  | 24.89 | 13.04 | 93.6  | 114  | 35.5  | 8.3  | 266  | 3.36 | 12.3  | 0.5  | 1.6  | 2.3  | 10.0  | 0.57 | 0.82  | 0.19 | 59   | 0.09 | 0.042 |       |
| 1301827 | Soil    | 2.52  | 59.42 | 12.43 | 240.3 | 91   | 135.6 | 18.8 | 299  | 4.07 | 13.7  | 0.9  | 1.4  | 2.6  | 9.3   | 1.31 | 0.96  | 0.15 | 45   | 0.05 | 0.059 |       |
| 1301828 | Soil    | 2.34  | 22.97 | 12.26 | 86.6  | 145  | 31.3  | 7.7  | 137  | 2.73 | 12.3  | 0.7  | 1.0  | 2.3  | 18.3  | 0.62 | 0.78  | 0.13 | 49   | 0.17 | 0.062 |       |
| 1301829 | Soil    | 2.33  | 34.64 | 14.31 | 94.0  | 309  | 40.3  | 6.4  | 95   | 2.86 | 13.9  | 1.2  | 2.7  | 2.3  | 19.7  | 0.79 | 0.91  | 0.16 | 59   | 0.17 | 0.068 |       |
| 1301830 | Soil    | 2.37  | 15.08 | 11.90 | 113.4 | 92   | 38.5  | 6.4  | 206  | 2.57 | 8.7   | 0.5  | 9.3  | 1.8  | 12.5  | 0.26 | 0.57  | 0.19 | 54   | 0.06 | 0.039 |       |
| 1301831 | Soil    | 2.73  | 15.06 | 11.72 | 77.3  | 63   | 27.3  | 5.3  | 175  | 2.21 | 10.8  | 0.3  | 5.4  | 1.3  | 14.0  | 0.30 | 0.72  | 0.14 | 46   | 0.13 | 0.023 |       |
| 1301832 | Soil    | 4.41  | 40.00 | 13.86 | 142.1 | 142  | 48.1  | 11.4 | 273  | 3.10 | 19.0  | 1.1  | 5.0  | 2.2  | 26.2  | 0.59 | 1.35  | 0.16 | 43   | 0.25 | 0.069 |       |
| 1301833 | Soil    | 4.42  | 26.56 | 13.54 | 118.1 | 173  | 34.5  | 6.9  | 115  | 2.76 | 19.7  | 1.0  | 4.4  | 2.3  | 31.4  | 0.58 | 1.27  | 0.15 | 45   | 0.27 | 0.059 |       |
| 1301834 | Soil    | 6.66  | 33.06 | 16.03 | 213.7 | 303  | 51.8  | 9.9  | 187  | 3.45 | 24.0  | 0.9  | 5.1  | 1.9  | 19.3  | 1.44 | 2.30  | 0.17 | 52   | 0.20 | 0.062 |       |
| 1301835 | Soil    | 2.31  | 34.01 | 9.02  | 77.6  | 98   | 33.5  | 7.8  | 190  | 2.67 | 12.4  | 1.6  | 4.3  | 2.6  | 17.2  | 0.57 | 1.17  | 0.10 | 43   | 0.12 | 0.059 |       |
| 1301836 | Soil    | 2.37  | 36.02 | 10.15 | 72.5  | 235  | 36.7  | 7.2  | 114  | 2.21 | 9.5   | 1.1  | 2.8  | 2.6  | 21.9  | 0.42 | 0.87  | 0.13 | 40   | 0.15 | 0.054 |       |
| 1301837 | Soil    | 1.77  | 18.98 | 8.95  | 78.3  | 70   | 31.1  | 8.6  | 252  | 2.20 | 7.6   | 0.4  | 2.7  | 1.3  | 12.0  | 0.40 | 0.67  | 0.11 | 39   | 0.12 | 0.051 |       |
| 1301838 | Soil    | 4.00  | 39.46 | 17.26 | 120.2 | 313  | 51.7  | 9.9  | 115  | 3.01 | 12.2  | 1.0  | 4.0  | 2.7  | 23.1  | 0.70 | 1.68  | 0.18 | 56   | 0.11 | 0.055 |       |



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Project: FACE  
 Report Date: August 20, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000173.1

| Method  | Analyte | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |      |
|---------|---------|------|-------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|------|------|
|         |         | La   | Cr    | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga   |
| Unit    |         | ppm  | ppm   | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |      |
| MDL     |         | 0.5  | 0.5   | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1  |
| 1301794 | Soil    | 9.7  | 22.8  | 0.03 | 79.9  | 0.013 | <1   | 0.50 | 0.003  | 0.05 | 0.1  | 0.7  | 0.38 | <0.02 | 15   | 1.3  | 0.13 | 5.2  |
| 1301795 | Soil    | 8.7  | 55.2  | 0.05 | 241.7 | 0.007 | 3    | 1.37 | 0.002  | 0.08 | 0.3  | 2.9  | 0.56 | <0.02 | 292  | 3.5  | 0.36 | 4.4  |
| 1301796 | Soil    | 16.2 | 44.0  | 0.03 | 280.3 | 0.004 | 3    | 1.73 | <0.001 | 0.09 | 0.2  | 4.1  | 0.94 | 0.06  | 400  | 3.9  | 0.23 | 2.3  |
| 1301797 | Soil    | 36.2 | 152.1 | 0.38 | 4830  | 0.038 | 16   | 2.56 | 0.014  | 0.52 | 0.3  | 5.4  | 4.07 | 0.07  | 1043 | 6.7  | 0.36 | 11.1 |
| 1301798 | Soil    | 28.5 | 91.5  | 0.13 | 490.3 | 0.006 | 10   | 1.16 | 0.005  | 0.28 | 0.2  | 3.7  | 0.76 | 0.09  | 347  | 4.5  | 0.24 | 3.7  |
| 1301799 | Soil    | 15.8 | 26.1  | 0.06 | 316.0 | 0.002 | 6    | 0.47 | 0.004  | 0.16 | 0.2  | 4.5  | 0.46 | 0.02  | 404  | 3.1  | 0.12 | 2.0  |
| 1301800 | Soil    | 43.9 | 138.3 | 0.11 | 758.8 | 0.006 | 10   | 0.82 | <0.001 | 0.30 | 0.4  | 6.5  | 1.35 | 0.05  | 1268 | 10.5 | 0.62 | 4.1  |
| 1301826 | Soil    | 9.0  | 27.5  | 0.31 | 141.2 | 0.021 | 2    | 1.78 | 0.002  | 0.06 | 0.2  | 3.1  | 0.17 | <0.02 | 32   | 0.5  | 0.04 | 6.1  |
| 1301827 | Soil    | 4.6  | 36.1  | 0.47 | 170.2 | 0.008 | 2    | 2.54 | <0.001 | 0.07 | <0.1 | 5.3  | 0.15 | 0.02  | 20   | 0.5  | 0.08 | 4.5  |
| 1301828 | Soil    | 8.9  | 28.4  | 0.39 | 330.8 | 0.014 | 2    | 1.53 | 0.003  | 0.06 | 0.1  | 3.3  | 0.19 | <0.02 | 41   | 0.3  | 0.06 | 4.7  |
| 1301829 | Soil    | 8.4  | 31.1  | 0.37 | 433.7 | 0.006 | 3    | 1.91 | 0.004  | 0.09 | 0.1  | 5.3  | 0.26 | <0.02 | 76   | 0.4  | 0.06 | 5.1  |
| 1301830 | Soil    | 8.7  | 22.5  | 0.20 | 106.7 | 0.022 | 2    | 1.17 | 0.002  | 0.06 | 0.1  | 2.2  | 0.18 | <0.02 | 47   | 0.2  | 0.06 | 5.3  |
| 1301831 | Soil    | 7.4  | 16.4  | 0.20 | 201.1 | 0.014 | 1    | 0.97 | 0.003  | 0.06 | 0.1  | 1.9  | 0.14 | <0.02 | 30   | 0.2  | 0.05 | 4.2  |
| 1301832 | Soil    | 6.9  | 21.9  | 0.28 | 355.2 | 0.006 | 2    | 1.27 | 0.003  | 0.07 | <0.1 | 4.1  | 0.20 | <0.02 | 59   | 0.9  | 0.05 | 3.3  |
| 1301833 | Soil    | 5.9  | 20.0  | 0.24 | 333.9 | 0.005 | 3    | 1.29 | 0.003  | 0.07 | <0.1 | 4.0  | 0.22 | <0.02 | 79   | 0.7  | 0.05 | 3.2  |
| 1301834 | Soil    | 4.3  | 19.9  | 0.14 | 465.9 | 0.002 | 4    | 1.02 | 0.002  | 0.09 | <0.1 | 3.9  | 0.28 | <0.02 | 112  | 1.3  | 0.10 | 2.6  |
| 1301835 | Soil    | 7.5  | 24.3  | 0.34 | 169.5 | 0.024 | 2    | 1.35 | 0.006  | 0.06 | <0.1 | 3.2  | 0.16 | 0.04  | 25   | 0.5  | 0.04 | 3.4  |
| 1301836 | Soil    | 8.0  | 26.7  | 0.42 | 279.0 | 0.014 | 3    | 1.41 | 0.003  | 0.06 | <0.1 | 3.8  | 0.18 | <0.02 | 58   | 0.5  | 0.04 | 4.0  |
| 1301837 | Soil    | 6.5  | 21.9  | 0.34 | 172.6 | 0.014 | 2    | 1.19 | 0.005  | 0.06 | 0.1  | 2.1  | 0.09 | <0.02 | 39   | 0.2  | 0.04 | 3.8  |
| 1301838 | Soil    | 6.1  | 31.9  | 0.41 | 375.5 | 0.007 | 2    | 1.55 | 0.002  | 0.08 | <0.1 | 4.9  | 0.27 | <0.02 | 95   | 1.3  | 0.12 | 4.6  |



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 Report Date: August 20, 2012

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QUALITY CONTROL REPORT

DAW12000173.1

| Method              | 1F15     | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |       |
|---------------------|----------|-------|-------|-------|-------|------|-------|------|------|------|------|------|-------|------|------|------|-------|------|------|-------|-------|
| Analyte             | Mo       | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th    | Sr   | Cd   | Sb   | Bi    | V    | Ca   | P     |       |
| Unit                | ppm      | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm   | ppm  | ppm  | ppm  | ppm   | ppm  | %    | %     |       |
| MDL                 | 0.01     | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02 | 0.02  | 2    | 0.01 | 0.001 |       |
| Pulp Duplicates     |          |       |       |       |       |      |       |      |      |      |      |      |       |      |      |      |       |      |      |       |       |
| GP2012 1301510      | Soil     | 8.50  | 55.10 | 32.35 | 139.6 | 589  | 52.0  | 13.8 | 316  | 3.68 | 21.3 | 1.0  | 3.5   | 2.2  | 30.2 | 0.56 | 1.96  | 0.27 | 43   | 0.12  | 0.073 |
| REP GP2012 1301510  | QC       | 7.95  | 52.91 | 30.47 | 135.7 | 581  | 51.4  | 13.3 | 311  | 3.72 | 21.5 | 0.9  | 4.0   | 2.0  | 28.2 | 0.56 | 1.83  | 0.24 | 42   | 0.11  | 0.067 |
| GP2012 1301546      | Soil     | 1.98  | 29.14 | 12.11 | 83.6  | 244  | 40.2  | 13.7 | 378  | 2.90 | 11.2 | 0.7  | 2.7   | 3.2  | 11.1 | 0.41 | 0.90  | 0.15 | 47   | 0.12  | 0.046 |
| REP GP2012 1301546  | QC       | 1.94  | 28.85 | 11.91 | 78.6  | 239  | 39.2  | 14.2 | 380  | 2.86 | 11.6 | 0.7  | 1.9   | 3.2  | 11.1 | 0.44 | 0.92  | 0.15 | 47   | 0.12  | 0.048 |
| 1301564             | Soil     | 0.91  | 33.05 | 15.00 | 79.8  | 198  | 33.5  | 11.7 | 276  | 2.65 | 8.4  | 0.8  | 2.5   | 4.5  | 18.8 | 0.32 | 0.77  | 0.15 | 49   | 0.47  | 0.069 |
| REP 1301564         | QC       | 0.90  | 33.58 | 15.36 | 82.7  | 215  | 33.3  | 12.0 | 278  | 2.62 | 8.9  | 0.9  | 2.7   | 4.6  | 19.1 | 0.33 | 0.76  | 0.16 | 49   | 0.47  | 0.071 |
| 1301690             | Soil     | 3.69  | 18.59 | 13.59 | 78.4  | 132  | 23.2  | 4.9  | 126  | 1.77 | 9.3  | 1.0  | 0.3   | 1.6  | 16.1 | 0.74 | 0.94  | 0.19 | 59   | 0.25  | 0.065 |
| REP 1301690         | QC       | 3.86  | 19.84 | 14.08 | 80.8  | 143  | 25.0  | 5.3  | 131  | 1.82 | 10.4 | 1.0  | 0.8   | 1.8  | 17.1 | 0.74 | 0.95  | 0.19 | 60   | 0.25  | 0.067 |
| 1301713             | Soil     | 1.56  | 18.67 | 16.33 | 79.5  | 256  | 30.8  | 10.5 | 551  | 2.59 | 10.4 | 1.5  | 0.4   | 4.8  | 16.6 | 0.63 | 0.72  | 0.11 | 49   | 0.89  | 0.078 |
| REP 1301713         | QC       | 1.60  | 18.52 | 16.53 | 80.0  | 256  | 30.1  | 10.8 | 574  | 2.65 | 10.5 | 1.5  | 0.7   | 4.9  | 17.4 | 0.62 | 0.73  | 0.12 | 51   | 0.91  | 0.078 |
| 1301726             | Soil     | 3.97  | 28.05 | 9.44  | 200.6 | 1015 | 48.6  | 6.6  | 147  | 1.88 | 11.6 | 2.9  | 2.0   | 1.9  | 59.6 | 3.20 | 2.88  | 0.13 | 146  | 1.32  | 0.102 |
| REP 1301726         | QC       | 4.04  | 29.44 | 10.47 | 218.4 | 1043 | 48.0  | 6.9  | 156  | 1.97 | 12.2 | 3.0  | 3.1   | 2.1  | 63.6 | 3.22 | 2.89  | 0.15 | 145  | 1.38  | 0.110 |
| 1301773             | Soil     | 1.35  | 17.86 | 11.87 | 64.2  | 86   | 32.4  | 11.6 | 346  | 2.95 | 11.2 | 0.6  | 3.2   | 3.6  | 10.7 | 0.20 | 0.76  | 0.13 | 52   | 0.11  | 0.034 |
| REP 1301773         | QC       | 1.33  | 18.34 | 11.92 | 61.7  | 82   | 31.2  | 11.3 | 343  | 2.89 | 10.8 | 0.6  | 2.1   | 3.5  | 10.6 | 0.21 | 0.74  | 0.13 | 52   | 0.11  | 0.034 |
| 1301796             | Soil     | 40.24 | 63.51 | 18.42 | 1325  | 4028 | 211.0 | 11.8 | 153  | 3.38 | 39.0 | 5.8  | 3.6   | 3.1  | 27.9 | 8.46 | 15.81 | 0.20 | 476  | 0.07  | 0.087 |
| REP 1301796         | QC       | 41.33 | 64.34 | 19.01 | 1320  | 4066 | 212.0 | 12.3 | 157  | 3.35 | 39.8 | 5.9  | 3.3   | 3.3  | 28.9 | 8.80 | 16.42 | 0.20 | 463  | 0.06  | 0.082 |
| 1301831             | Soil     | 2.73  | 15.06 | 11.72 | 77.3  | 63   | 27.3  | 5.3  | 175  | 2.21 | 10.8 | 0.3  | 5.4   | 1.3  | 14.0 | 0.30 | 0.72  | 0.14 | 46   | 0.13  | 0.023 |
| REP 1301831         | QC       | 2.82  | 14.84 | 11.65 | 77.3  | 66   | 28.0  | 5.2  | 174  | 2.20 | 10.9 | 0.3  | 6.0   | 1.3  | 13.8 | 0.34 | 0.75  | 0.15 | 46   | 0.13  | 0.022 |
| Reference Materials |          |       |       |       |       |      |       |      |      |      |      |      |       |      |      |      |       |      |      |       |       |
| STD DS9             | Standard | 12.98 | 105.3 | 122.7 | 302.7 | 1866 | 38.7  | 7.4  | 572  | 2.24 | 24.2 | 2.6  | 130.5 | 6.4  | 69.8 | 2.41 | 5.41  | 6.33 | 38   | 0.74  | 0.082 |
| STD DS9             | Standard | 13.37 | 109.3 | 122.6 | 298.9 | 1819 | 40.2  | 7.8  | 569  | 2.31 | 24.0 | 2.7  | 106.4 | 6.6  | 65.9 | 2.22 | 5.30  | 6.02 | 39   | 0.73  | 0.081 |
| STD DS9             | Standard | 12.60 | 109.6 | 119.5 | 301.0 | 1838 | 41.2  | 7.7  | 583  | 2.28 | 25.1 | 2.5  | 113.5 | 6.1  | 65.2 | 2.29 | 5.50  | 6.09 | 39   | 0.72  | 0.082 |
| STD DS9             | Standard | 14.16 | 111.7 | 124.5 | 313.7 | 1851 | 41.1  | 8.1  | 608  | 2.32 | 24.3 | 2.8  | 116.4 | 6.8  | 72.1 | 2.26 | 5.11  | 5.97 | 41   | 0.76  | 0.076 |
| STD DS9             | Standard | 11.91 | 110.7 | 122.7 | 292.9 | 1879 | 40.0  | 7.3  | 582  | 2.38 | 27.2 | 2.9  | 124.8 | 6.6  | 71.7 | 2.35 | 5.69  | 6.91 | 39   | 0.72  | 0.084 |
| STD DS9             | Standard | 13.53 | 112.2 | 118.0 | 289.9 | 1716 | 41.2  | 8.0  | 562  | 2.27 | 24.2 | 2.8  | 110.4 | 6.4  | 78.4 | 2.22 | 5.95  | 6.93 | 39   | 0.73  | 0.079 |
| STD DS9             | Standard | 13.10 | 102.4 | 123.4 | 320.8 | 2049 | 42.5  | 8.1  | 605  | 2.35 | 27.6 | 2.5  | 123.5 | 5.8  | 65.2 | 2.54 | 5.58  | 6.13 | 41   | 0.72  | 0.084 |
| STD DS9             | Standard | 13.59 | 106.2 | 125.7 | 310.6 | 1918 | 41.0  | 7.5  | 586  | 2.31 | 24.2 | 2.6  | 119.1 | 6.4  | 73.1 | 2.20 | 5.42  | 6.31 | 40   | 0.75  | 0.082 |
| STD DS9             | Standard | 12.62 | 113.3 | 133.4 | 327.3 | 1934 | 42.3  | 7.9  | 596  | 2.21 | 24.7 | 2.7  | 121.2 | 6.3  | 59.1 | 2.28 | 5.10  | 5.21 | 37   | 0.70  | 0.088 |



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QUALITY CONTROL REPORT

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| Method              | 1F15     | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------------------|----------|------|-------|------|-------|-------|------|-------|--------|------|------|------|------|-------|------|------|-------|-----|
| Analyte             | La       | Cr   | Mg    | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit                | ppm      | ppm  | %     | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| Pulp Duplicates     |          |      |       |      |       |       |      |       |        |      |      |      |      |       |      |      |       |     |
| GP2012 1301510      | Soil     | 5.5  | 29.5  | 0.32 | 418.0 | 0.005 | 4    | 1.33  | 0.009  | 0.13 | <0.1 | 4.3  | 0.79 | 0.12  | 189  | 2.1  | 0.06  | 4.4 |
| REP GP2012 1301510  | QC       | 5.1  | 28.0  | 0.31 | 383.1 | 0.005 | 4    | 1.32  | 0.008  | 0.12 | <0.1 | 4.1  | 0.74 | 0.12  | 189  | 2.0  | 0.11  | 4.3 |
| GP2012 1301546      | Soil     | 10.9 | 30.5  | 0.45 | 143.4 | 0.038 | 2    | 1.57  | 0.004  | 0.06 | 0.2  | 3.3  | 0.16 | 0.02  | 46   | 0.7  | 0.04  | 4.4 |
| REP GP2012 1301546  | QC       | 11.0 | 29.9  | 0.45 | 144.9 | 0.035 | 3    | 1.55  | 0.004  | 0.06 | 0.1  | 3.3  | 0.16 | 0.02  | 55   | 0.6  | 0.08  | 4.4 |
| 1301564             | Soil     | 13.3 | 31.1  | 0.52 | 263.5 | 0.027 | 4    | 1.44  | 0.010  | 0.09 | 0.2  | 4.8  | 0.14 | <0.02 | 106  | 0.5  | 0.03  | 4.4 |
| REP 1301564         | QC       | 13.5 | 31.8  | 0.52 | 268.9 | 0.028 | 3    | 1.46  | 0.011  | 0.09 | 0.1  | 4.9  | 0.15 | <0.02 | 82   | 0.4  | 0.05  | 4.3 |
| 1301690             | Soil     | 9.0  | 17.6  | 0.21 | 213.6 | 0.011 | <1   | 1.04  | 0.005  | 0.06 | 0.1  | 2.4  | 0.23 | <0.02 | 41   | 0.5  | 0.09  | 4.2 |
| REP 1301690         | QC       | 9.3  | 17.6  | 0.22 | 225.8 | 0.011 | <1   | 1.03  | 0.005  | 0.06 | <0.1 | 2.6  | 0.23 | <0.02 | 42   | 0.5  | 0.06  | 4.3 |
| 1301713             | Soil     | 18.7 | 35.4  | 0.78 | 260.4 | 0.029 | 1    | 2.26  | 0.008  | 0.08 | 0.1  | 6.2  | 0.14 | <0.02 | 42   | 0.4  | <0.02 | 4.2 |
| REP 1301713         | QC       | 19.1 | 35.6  | 0.80 | 256.3 | 0.030 | <1   | 2.33  | 0.009  | 0.09 | 0.1  | 6.4  | 0.14 | <0.02 | 51   | 0.4  | 0.03  | 4.3 |
| 1301726             | Soil     | 14.8 | 21.5  | 0.30 | 477.9 | 0.015 | 3    | 1.01  | 0.008  | 0.04 | 0.2  | 3.3  | 0.18 | 0.07  | 118  | 1.6  | 0.06  | 2.8 |
| REP 1301726         | QC       | 15.3 | 23.1  | 0.32 | 511.5 | 0.016 | 3    | 1.02  | 0.008  | 0.04 | 0.2  | 3.7  | 0.19 | 0.07  | 128  | 1.9  | 0.07  | 3.1 |
| 1301773             | Soil     | 11.9 | 33.3  | 0.49 | 154.6 | 0.047 | 2    | 2.14  | 0.005  | 0.07 | 0.2  | 4.0  | 0.12 | <0.02 | 34   | 0.3  | 0.02  | 5.1 |
| REP 1301773         | QC       | 11.4 | 31.6  | 0.48 | 150.1 | 0.047 | 2    | 2.13  | 0.005  | 0.07 | 0.1  | 3.9  | 0.13 | <0.02 | 42   | 0.3  | 0.03  | 5.2 |
| 1301796             | Soil     | 16.2 | 44.0  | 0.03 | 280.3 | 0.004 | 3    | 1.73  | <0.001 | 0.09 | 0.2  | 4.1  | 0.94 | 0.06  | 400  | 3.9  | 0.23  | 2.3 |
| REP 1301796         | QC       | 16.5 | 43.2  | 0.03 | 280.2 | 0.004 | 3    | 1.71  | <0.001 | 0.08 | 0.2  | 4.4  | 0.96 | 0.06  | 405  | 4.3  | 0.32  | 2.3 |
| 1301831             | Soil     | 7.4  | 16.4  | 0.20 | 201.1 | 0.014 | 1    | 0.97  | 0.003  | 0.06 | 0.1  | 1.9  | 0.14 | <0.02 | 30   | 0.2  | 0.05  | 4.2 |
| REP 1301831         | QC       | 7.5  | 17.1  | 0.20 | 206.1 | 0.014 | <1   | 0.95  | 0.003  | 0.06 | 0.1  | 1.8  | 0.14 | <0.02 | 37   | 0.3  | 0.06  | 4.3 |
| Reference Materials |          |      |       |      |       |       |      |       |        |      |      |      |      |       |      |      |       |     |
| STD DS9             | Standard | 13.8 | 112.9 | 0.62 | 286.0 | 0.106 | 2    | 1.01  | 0.104  | 0.42 | 3.2  | 2.7  | 6.10 | 0.16  | 228  | 5.5  | 5.54  | 5.1 |
| STD DS9             | Standard | 13.0 | 115.9 | 0.62 | 285.6 | 0.112 | 3    | 0.98  | 0.094  | 0.41 | 3.1  | 2.5  | 5.39 | 0.16  | 187  | 5.7  | 5.04  | 4.6 |
| STD DS9             | Standard | 12.1 | 121.7 | 0.62 | 301.6 | 0.108 | 2    | 0.94  | 0.079  | 0.39 | 3.0  | 2.3  | 5.63 | 0.16  | 219  | 5.3  | 5.17  | 4.5 |
| STD DS9             | Standard | 14.7 | 120.2 | 0.63 | 293.2 | 0.122 | 3    | 1.03  | 0.096  | 0.41 | 3.0  | 2.9  | 5.60 | 0.16  | 225  | 5.2  | 5.16  | 4.9 |
| STD DS9             | Standard | 13.1 | 112.6 | 0.63 | 302.5 | 0.111 | 2    | 0.93  | 0.081  | 0.40 | 3.1  | 2.1  | 5.62 | 0.17  | 221  | 5.3  | 5.34  | 4.2 |
| STD DS9             | Standard | 14.7 | 111.5 | 0.61 | 281.2 | 0.120 | 3    | 0.95  | 0.085  | 0.39 | 2.8  | 2.4  | 5.34 | 0.16  | 194  | 4.9  | 4.55  | 4.4 |
| STD DS9             | Standard | 12.0 | 119.1 | 0.63 | 313.7 | 0.104 | 3    | 0.95  | 0.082  | 0.40 | 3.2  | 2.5  | 5.72 | 0.17  | 235  | 5.4  | 5.40  | 4.8 |
| STD DS9             | Standard | 13.7 | 119.4 | 0.62 | 301.2 | 0.117 | 2    | 1.00  | 0.097  | 0.41 | 3.0  | 2.6  | 5.53 | 0.16  | 212  | 5.4  | 5.29  | 4.8 |
| STD DS9             | Standard | 12.3 | 118.2 | 0.60 | 284.5 | 0.109 | 3    | 0.91  | 0.082  | 0.38 | 3.1  | 2.2  | 5.76 | 0.16  | 198  | 5.5  | 5.42  | 4.3 |



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Project: FACE  
 Report Date: August 20, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000173.1

|                  |          | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |        |
|------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
|                  |          | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     | P      |
|                  |          | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      | %      |
| STD DS9          | Standard | 12.99 | 107.8 | 115.3 | 312.7 | 1862 | 40.4 | 7.4  | 602  | 2.33  | 26.5 | 2.7  | 120.0 | 6.6  | 75.6 | 2.32  | 5.17  | 6.06  | 41   | 0.75   | 0.085  |
| STD DS9          | Standard | 13.31 | 103.4 | 125.7 | 312.1 | 1908 | 41.3 | 7.6  | 584  | 2.29  | 24.6 | 2.6  | 120.7 | 6.0  | 68.6 | 2.19  | 5.40  | 6.20  | 36   | 0.70   | 0.078  |
| STD DS9 Expected |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | 0.2   | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.07  | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 4    | <0.1 | <0.1 | 2    | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.05  | 0.02  | 0.1   | 6    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | 0.6   | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 9    | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.03  | <0.01 | <0.1  | 5    | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | 0.02  | <0.1  | <2   | 0.2  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | 3    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | 0.2  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |





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Project: FACE  
Report Date: August 20, 2012

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QUALITY CONTROL REPORT

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|                  |          | 1F15<br>La<br>ppm<br>0.5 | 1F15<br>Cr<br>ppm<br>0.5 | 1F15<br>Mg<br>%<br>0.01 | 1F15<br>Ba<br>ppm<br>0.5 | 1F15<br>Ti<br>%<br>0.001 | 1F15<br>B<br>ppm<br>1 | 1F15<br>Al<br>%<br>0.01 | 1F15<br>Na<br>%<br>0.001 | 1F15<br>K<br>%<br>0.01 | 1F15<br>W<br>ppm<br>0.1 | 1F15<br>Sc<br>ppm<br>0.1 | 1F15<br>Ti<br>ppm<br>0.02 | 1F15<br>S<br>%<br>0.02 | 1F15<br>Hg<br>ppb<br>5 | 1F15<br>Se<br>ppm<br>0.1 | 1F15<br>Te<br>ppm<br>0.02 | 1F15<br>Ga<br>ppm<br>0.1 |
|------------------|----------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|------------------------|------------------------|--------------------------|---------------------------|--------------------------|
| STD DS9          | Standard | 14.5                     | 116.8                    | 0.62                    | 297.3                    | 0.112                    | 3                     | 0.99                    | 0.091                    | 0.41                   | 2.9                     | 2.6                      | 5.54                      | 0.17                   | 206                    | 5.6                      | 5.08                      | 4.9                      |
| STD DS9          | Standard | 11.7                     | 123.0                    | 0.61                    | 283.1                    | 0.102                    | 2                     | 0.95                    | 0.094                    | 0.41                   | 3.1                     | 2.4                      | 5.61                      | 0.15                   | 221                    | 5.7                      | 5.19                      | 4.8                      |
| STD DS9 Expected |          | 13.3                     | 121                      | 0.6165                  | 295                      | 0.1108                   |                       | 0.9577                  | 0.0853                   | 0.395                  | 2.89                    | 2.5                      | 5.3                       | 0.1615                 | 200                    | 5.2                      | 5.02                      | 4.59                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: July 26, 2012  
Report Date: August 21, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000174.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-15  
P.O. Number  
Number of Samples: 16

### SAMPLE DISPOSAL

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

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

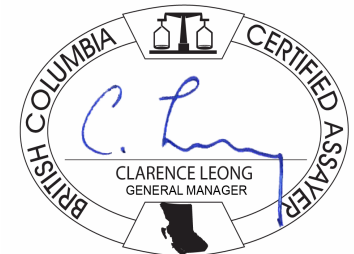
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| S150        | 16                | Sieve to 150 mesh                                     |              |               | DAW |
| RJSV        | 16                | Saving all or part of Soil Reject                     |              |               | DAW |
| 3B01+3B04   | 16                | lead collection fire assay - ICP-ES finish            | 50           | Completed     | VAN |
| 1F03        | 15                | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 30           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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CERTIFICATE OF ANALYSIS

DAW12000174.1

| Method  | WGHT | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  |      |
|---------|------|-------|------|-------|-------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|------|-------|------|
| Analyte | Wgt  | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn    | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V     |      |
| Unit    | kg   | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm   | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm   |      |
| MDL     | 0.01 | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1     | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2     |      |
| 1301801 | Silt | 4.01  | 5    | 9.00  | 99.68 | 13.80 | 666.4 | 610  | 438.5 | 504.8 | 7349 | 6.94 | 24.6 | 1.4  | 6.4  | 1.5  | 13.8 | 5.11 | 1.39 | 0.15  | 24   |
| 1301802 | Silt | 3.10  | 2    | 5.24  | 18.44 | 24.42 | 160.4 | 396  | 22.4  | 3.9   | 164  | 0.69 | 6.9  | 2.2  | 0.8  | 0.7  | 51.5 | 2.03 | 1.47 | 0.03  | 62   |
| 1301803 | Silt | 2.60  | 3    | 4.66  | 16.31 | 16.50 | 326.3 | 254  | 27.0  | 3.0   | 189  | 0.70 | 7.1  | 7.0  | 0.9  | 0.8  | 83.6 | 1.74 | 1.06 | 0.04  | 100  |
| 1301804 | Silt | 4.02  | 3    | 14.10 | 43.70 | 23.40 | 307.3 | 830  | 47.3  | 4.2   | 218  | 1.01 | 10.9 | 5.9  | <0.2 | 1.4  | 79.7 | 4.00 | 3.37 | 0.04  | 163  |
| 1301805 | Silt | 5.10  | <2   | 2.38  | 19.56 | 18.09 | 129.2 | 212  | 30.7  | 8.3   | 353  | 1.53 | 9.1  | 1.5  | 0.8  | 1.8  | 53.7 | 2.03 | 1.49 | 0.14  | 34   |
| 1301806 | Silt | 5.96  | <2   | 1.67  | 18.12 | 15.28 | 119.9 | 199  | 30.0  | 6.8   | 285  | 1.34 | 7.0  | 1.2  | 1.1  | 1.8  | 45.3 | 1.74 | 0.91 | 0.11  | 28   |
| 1301807 | Silt | 7.10  | <2   | 3.74  | 20.84 | 15.74 | 143.7 | 314  | 29.2  | 6.0   | 245  | 1.27 | 7.7  | 2.3  | 1.1  | 2.1  | 55.5 | 1.75 | 1.12 | 0.08  | 41   |
| 1301808 | Silt | 5.35  | <2   | 2.92  | 17.11 | 16.83 | 143.0 | 209  | 27.0  | 6.2   | 296  | 1.25 | 7.3  | 2.0  | 1.7  | 2.1  | 58.1 | 1.32 | 1.03 | 0.07  | 38   |
| 1301809 | Silt | 6.26  | <2   | 2.98  | 16.39 | 14.81 | 138.2 | 231  | 30.0  | 6.6   | 312  | 1.28 | 7.9  | 2.1  | 0.8  | 1.8  | 57.7 | 1.63 | 0.87 | 0.07  | 37   |
| 1301851 | Silt | 2.56  | 2    | 10.71 | 34.36 | 12.07 | 330.2 | 713  | 42.8  | 7.0   | 289  | 1.20 | 10.4 | 10.7 | 2.0  | 1.5  | 56.4 | 3.25 | 2.41 | 0.10  | 190  |
| 1301852 | Silt | 2.28  | 2    | 10.07 | 30.74 | 18.76 | 271.2 | 567  | 41.7  | 6.6   | 258  | 0.97 | 9.6  | 4.5  | 0.5  | 1.1  | 69.5 | 3.08 | 2.20 | 0.04  | 119  |
| 1301853 | Silt | 2.70  | 3    | 3.71  | 21.23 | 6.27  | 193.4 | 312  | 23.8  | 3.6   | 193  | 0.72 | 5.4  | 10.2 | 0.7  | 1.0  | 60.8 | 1.51 | 1.10 | 0.06  | 145  |
| 1301854 | Silt | 2.81  | <2   | 5.75  | 19.34 | 10.01 | 290.3 | 262  | 37.5  | 6.0   | 252  | 1.33 | 10.7 | 6.2  | <0.2 | 2.0  | 58.6 | 2.43 | 2.05 | 0.06  | 177  |
| 1301855 | Silt | 3.53  | <2   | 2.91  | 12.06 | 13.54 | 118.6 | 239  | 16.8  | 3.3   | 219  | 0.62 | 4.6  | 2.2  | <0.2 | 1.0  | 49.5 | 1.20 | 0.91 | <0.02 | 39   |
| 1301579 | Silt | 7.93  | <2   | 1.19  | 10.14 | 24.50 | 58.2  | 88   | 14.2  | 6.1   | 274  | 1.06 | 6.4  | 0.8  | <0.2 | 1.5  | 46.1 | 0.37 | 0.27 | 0.04  | 11   |
| 1301580 | Silt | 8.10  | <2   | I.S.  | I.S.  | I.S.  | I.S.  | I.S. | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |



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CERTIFICATE OF ANALYSIS

DAW12000174.1

| Method  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  |      |
|---------|------|-------|-------|------|------|------|-------|-------|------|-------|--------|------|------|------|------|------|------|------|-------|------|
| Analyte | Ca   | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K      | W    | Sc   | Ti   | S    | Hg   | Se   | Te   | Ga    |      |
| Unit    | %    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %      | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm   |      |
| MDL     | 0.01 | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01   | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1   |      |
| 1301801 | Silt | 0.25  | 0.061 | 6.4  | 15.7 | 0.18 | 219.5 | 0.003 | 3    | 4.66  | <0.001 | 0.06 | <0.1 | 5.7  | 1.24 | 0.53 | 198  | 4.8  | 0.05  | 2.3  |
| 1301802 | Silt | 11.77 | 0.101 | 4.5  | 8.4  | 7.08 | 451.4 | 0.005 | 3    | 0.24  | 0.007  | 0.04 | <0.1 | 1.1  | 0.15 | 0.03 | 93   | 0.8  | <0.02 | 0.6  |
| 1301803 | Silt | 11.36 | 0.255 | 8.0  | 13.8 | 6.03 | 494.2 | 0.011 | 6    | 0.34  | 0.009  | 0.06 | 0.1  | 1.2  | 0.33 | 0.04 | 85   | 0.8  | <0.02 | 1.0  |
| 1301804 | Silt | 10.73 | 0.218 | 9.8  | 18.0 | 5.56 | 752.5 | 0.007 | 7    | 0.42  | 0.006  | 0.08 | 0.1  | 2.3  | 0.27 | 0.05 | 133  | 0.9  | 0.05  | 1.3  |
| 1301805 | Silt | 7.13  | 0.086 | 4.2  | 11.2 | 4.16 | 663.3 | 0.005 | 3    | 0.59  | 0.006  | 0.06 | <0.1 | 2.2  | 0.17 | 0.07 | 41   | 1.0  | <0.02 | 1.4  |
| 1301806 | Silt | 6.33  | 0.078 | 4.1  | 10.2 | 3.64 | 431.4 | 0.007 | 3    | 0.50  | 0.006  | 0.05 | <0.1 | 1.9  | 0.18 | 0.06 | 43   | 0.7  | <0.02 | 1.4  |
| 1301807 | Silt | 7.57  | 0.136 | 5.0  | 11.0 | 4.26 | 443.6 | 0.005 | 2    | 0.43  | 0.006  | 0.06 | <0.1 | 1.9  | 0.16 | 0.06 | 53   | 0.6  | <0.02 | 1.2  |
| 1301808 | Silt | 8.10  | 0.114 | 5.2  | 9.3  | 4.47 | 674.7 | 0.008 | 6    | 0.50  | 0.006  | 0.06 | <0.1 | 1.9  | 0.18 | 0.07 | 32   | 0.3  | <0.02 | 1.2  |
| 1301809 | Silt | 7.62  | 0.101 | 4.6  | 9.9  | 4.33 | 436.9 | 0.006 | 3    | 0.44  | 0.007  | 0.06 | <0.1 | 1.9  | 0.17 | 0.07 | 58   | 0.6  | <0.02 | 1.1  |
| 1301851 | Silt | 3.15  | 0.435 | 13.0 | 25.6 | 1.20 | 1228  | 0.020 | 6    | 0.81  | 0.006  | 0.09 | 0.2  | 2.1  | 0.23 | 0.07 | 142  | 1.3  | 0.02  | 2.4  |
| 1301852 | Silt | 10.18 | 0.166 | 7.5  | 14.5 | 5.63 | 559.7 | 0.005 | 3    | 0.37  | 0.007  | 0.06 | <0.1 | 1.8  | 0.20 | 0.04 | 109  | 1.3  | 0.04  | 1.0  |
| 1301853 | Silt | 6.47  | 0.478 | 12.3 | 22.6 | 2.94 | 664.1 | 0.021 | 5    | 0.62  | 0.009  | 0.08 | 0.2  | 1.5  | 0.18 | 0.05 | 68   | 1.0  | <0.02 | 1.9  |
| 1301854 | Silt | 4.19  | 0.390 | 11.2 | 23.2 | 1.81 | 1554  | 0.014 | 4    | 0.62  | 0.003  | 0.08 | 0.2  | 1.8  | 0.16 | 0.06 | 76   | 1.0  | <0.02 | 1.9  |
| 1301855 | Silt | 8.03  | 0.092 | 4.9  | 7.5  | 4.48 | 690.5 | 0.006 | 4    | 0.23  | 0.006  | 0.04 | <0.1 | 1.6  | 0.11 | 0.04 | 45   | 0.6  | <0.02 | 0.7  |
| 1301579 | Silt | 9.11  | 0.056 | 2.8  | 6.4  | 5.38 | 174.0 | 0.003 | 5    | 0.30  | 0.006  | 0.05 | <0.1 | 1.5  | 0.13 | 0.07 | 16   | 0.4  | <0.02 | 0.8  |
| 1301580 | Silt | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S.  | I.S.  | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. |



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**Project:** FACE  
**Report Date:** August 21, 2012

**Page:** 1 of 1

**Part:** 1 of 2

QUALITY CONTROL REPORT

DAW12000174.1

| Method              | WGHT     | 3B-50 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 |
|---------------------|----------|-------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|------|
| Analyte             | Wgt      | Au    | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    |      |
| Unit                | kg       | ppb   | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  |      |
| MDL                 | 0.01     | 2     | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    |      |
| Pulp Duplicates     |          |       |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| 1301580             | Silt     | 8.10  | <2    | I.S.  | I.S.  | I.S.  | I.S. | I.S. | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S. | I.S. | I.S.  | I.S.  | I.S.  | I.S. |      |
| REP 1301580         | QC       |       | 3     |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| Reference Materials |          |       |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| STD DS9             | Standard |       | 11.41 | 101.4 | 118.4 | 298.3 | 1814 | 38.3 | 7.1  | 601  | 2.17  | 24.7 | 2.6  | 116.5 | 6.1  | 75.3 | 2.37  | 4.77  | 6.33  | 38   |      |
| STD DS9             | Standard |       | 12.50 | 105.9 | 125.5 | 306.2 | 1871 | 39.6 | 7.4  | 590  | 2.34  | 26.2 | 2.7  | 121.3 | 6.0  | 65.7 | 2.36  | 5.32  | 5.95  | 40   |      |
| STD OXA71           | Standard |       | 83    |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| STD OXA71 Expected  |          |       | 84.9  |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| STD DS9 Expected    |          |       | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   |      |
| BLK                 | Blank    |       | <2    |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |      |
| BLK                 | Blank    |       | <0.01 | 0.03  | 0.03  | 0.3   | 6    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   |      |
| BLK                 | Blank    |       | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   |      |



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Report Date: August 21, 2012

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000174.1

| Method              |          | 1F30   | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30  | 1F30 |      |
|---------------------|----------|--------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|------|
| Analyte             |          | Ca     | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |      |
| Unit                |          | %      | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |      |
| MDL                 |          | 0.01   | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |      |
| Pulp Duplicates     |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| 1301580             | Silt     | I.S.   | I.S.   | I.S. | I.S.  | I.S.   | I.S.  | I.S.   | I.S. | I.S.   | I.S.   | I.S.  | I.S. | I.S. | I.S.  | I.S.   | I.S. | I.S. | I.S.  | I.S. | I.S. |
| REP 1301580         | QC       |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| Reference Materials |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| STD DS9             | Standard | 0.68   | 0.079  | 12.9 | 112.1 | 0.56   | 285.9 | 0.108  | 3    | 0.90   | 0.084  | 0.37  | 2.8  | 2.6  | 5.23  | 0.16   | 203  | 4.6  | 5.35  | 4.3  |      |
| STD DS9             | Standard | 0.72   | 0.081  | 12.6 | 118.4 | 0.62   | 309.8 | 0.107  | 2    | 0.98   | 0.090  | 0.41  | 2.9  | 2.6  | 5.58  | 0.16   | 197  | 5.6  | 5.24  | 4.8  |      |
| STD OXA71           | Standard |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| STD OXA71 Expected  |          |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| STD DS9 Expected    |          | 0.7201 | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |      |
| BLK                 | Blank    |        |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |      |
| BLK                 | Blank    | 0.01   | <0.001 | <0.5 | <0.5  | <0.01  | 5.0   | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | 6    | <0.1 | <0.02 | <0.1 |      |
| BLK                 | Blank    | <0.01  | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |      |



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Dawson City
Received: July 31, 2012
Report Date: August 20, 2012
Page: 1 of 8

CERTIFICATE OF ANALYSIS

DAW12000183.2

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

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

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

Invoice To: Rackla Metals Inc.
650-200 Burrard St.
Vancouver BC V6C 3L6
Canada

CC: Samantha Dyck
Simon Ridgway
Database Backup

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 1F02.

ADDITIONAL COMMENTS

Version 2 : Revised sample IDs for 1301617-1301619 to 1306117-1306119.



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: FACE  
 Report Date: August 20, 2012

Page: 2 of 8

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  |       |
|---------|---------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|
|         |         | Mo    | Cu    | Pb    | Zn    | Ag   | Ni    | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb    | Bi    | V    | Ca    | P     |
| Unit    |         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm   | ppm   | ppm  | %     | %     |
| MDL     |         | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1   | 0.1  | 1    | 0.01 | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02  | 2     | 0.01 | 0.001 |       |
| 1298001 | Soil    | 2.55  | 49.85 | 14.71 | 270.4 | 183  | 65.3  | 10.3 | 250  | 2.24 | 12.5 | 25.3 | 4.4  | 2.5  | 43.6 | 1.10 | 2.75  | 0.19  | 106  | 1.82  | 0.852 |
| 1298002 | Soil    | 11.71 | 70.16 | 26.23 | 719.6 | 548  | 99.2  | 11.6 | 427  | 2.33 | 14.1 | 23.2 | 5.2  | 1.1  | 56.5 | 2.57 | 5.54  | 0.22  | 235  | 2.20  | 0.922 |
| 1298003 | Soil    | 3.42  | 28.84 | 15.89 | 221.7 | 284  | 56.3  | 10.1 | 323  | 2.08 | 11.8 | 3.4  | 5.5  | 3.3  | 35.2 | 1.88 | 1.60  | 0.15  | 69   | 5.43  | 0.124 |
| 1298004 | Soil    | 3.84  | 17.75 | 11.42 | 67.6  | 178  | 29.9  | 8.8  | 352  | 2.12 | 12.3 | 1.8  | 2.7  | 1.5  | 34.7 | 0.43 | 0.89  | 0.14  | 54   | 4.26  | 0.119 |
| 1298005 | Soil    | 3.05  | 16.20 | 13.01 | 69.9  | 202  | 26.1  | 9.1  | 544  | 1.94 | 9.5  | 1.3  | 2.6  | 0.6  | 27.2 | 0.64 | 0.84  | 0.14  | 49   | 4.19  | 0.083 |
| 1298006 | Soil    | 2.92  | 18.42 | 10.03 | 88.3  | 146  | 36.5  | 8.7  | 443  | 1.93 | 11.1 | 1.4  | 1.8  | 2.5  | 44.8 | 1.10 | 1.05  | 0.10  | 54   | 6.53  | 0.092 |
| 1298007 | Soil    | 3.02  | 18.34 | 11.81 | 52.3  | 184  | 33.7  | 7.9  | 264  | 2.21 | 11.4 | 1.4  | 3.2  | 2.8  | 51.8 | 0.34 | 0.77  | 0.10  | 46   | 7.65  | 0.125 |
| 1298008 | Soil    | 2.19  | 15.90 | 9.67  | 59.4  | 267  | 24.6  | 8.3  | 411  | 1.94 | 9.4  | 4.7  | 2.4  | 1.2  | 44.2 | 0.44 | 0.91  | 0.14  | 55   | 5.65  | 0.101 |
| 1298009 | Soil    | 43.02 | 40.60 | 21.62 | 610.6 | 1147 | 130.2 | 8.7  | 161  | 2.89 | 31.9 | 2.3  | 2.7  | 0.2  | 14.3 | 2.70 | 11.46 | 0.31  | 258  | 0.14  | 0.096 |
| 1298010 | Soil    | 24.19 | 41.89 | 14.86 | 423.5 | 2207 | 92.2  | 7.9  | 268  | 1.96 | 19.2 | 2.7  | 2.4  | 1.0  | 38.5 | 5.04 | 6.65  | 0.23  | 194  | 2.23  | 0.162 |
| 1298011 | Soil    | 3.21  | 16.74 | 15.06 | 75.1  | 217  | 27.4  | 9.4  | 360  | 2.28 | 10.2 | 1.7  | 1.7  | 1.3  | 15.3 | 0.36 | 0.92  | 0.16  | 58   | 0.69  | 0.056 |
| 1298012 | Soil    | 3.06  | 8.38  | 10.20 | 90.1  | 51   | 30.8  | 2.7  | 56   | 0.92 | 5.7  | 0.4  | 0.8  | 0.6  | 11.0 | 0.12 | 1.21  | 0.06  | 53   | 0.06  | 0.013 |
| 1298013 | Soil    | 1.49  | 16.10 | 11.49 | 68.9  | 198  | 26.4  | 9.5  | 460  | 2.09 | 8.1  | 1.6  | 2.0  | 0.6  | 15.7 | 0.37 | 0.76  | 0.14  | 52   | 0.95  | 0.073 |
| 1298014 | Soil    | 23.58 | 61.61 | 12.15 | 565.8 | 1888 | 119.0 | 9.3  | 159  | 1.71 | 21.2 | 3.3  | 4.0  | 3.3  | 21.9 | 5.83 | 7.15  | 0.18  | 302  | 1.59  | 0.141 |
| 1298015 | Soil    | 18.83 | 23.42 | 13.02 | 269.0 | 442  | 73.1  | 12.6 | 279  | 1.91 | 13.8 | 8.1  | 1.9  | 1.7  | 40.8 | 2.07 | 2.07  | 0.12  | 73   | 5.47  | 0.166 |
| 1298016 | Soil    | 1.79  | 11.68 | 13.01 | 73.3  | 115  | 24.5  | 9.1  | 393  | 2.35 | 8.0  | 1.0  | 1.7  | 0.8  | 13.4 | 0.67 | 0.61  | 0.17  | 57   | 0.87  | 0.070 |
| 1298017 | Soil    | 39.78 | 69.15 | 12.12 | 948.8 | 1405 | 204.2 | 16.6 | 180  | 2.68 | 25.7 | 3.9  | 3.7  | 3.9  | 29.9 | 6.87 | 8.32  | 0.19  | 314  | 2.69  | 0.192 |
| 1298018 | Soil    | 18.88 | 47.44 | 17.33 | 328.0 | 925  | 71.9  | 9.9  | 329  | 2.01 | 16.6 | 5.5  | 5.5  | 2.7  | 47.2 | 5.09 | 3.86  | 0.17  | 133  | 4.79  | 0.203 |
| 1298019 | Soil    | 18.19 | 34.42 | 18.83 | 365.6 | 681  | 66.9  | 10.6 | 412  | 2.11 | 15.3 | 7.0  | 3.0  | 3.0  | 44.8 | 2.43 | 3.80  | 0.16  | 122  | 4.92  | 0.210 |
| 1298020 | Soil    | 2.61  | 4.97  | 7.56  | 668.9 | 76   | 44.5  | 12.9 | 634  | 1.21 | 4.5  | 0.9  | 1.5  | 0.4  | 72.1 | 5.56 | 1.08  | <0.02 | 16   | 16.57 | 0.050 |
| 1298021 | Soil    | 7.72  | 6.17  | 24.87 | 387.7 | 111  | 90.4  | 13.8 | 754  | 0.84 | 6.5  | 6.5  | 0.8  | 0.1  | 57.7 | 4.54 | 5.71  | <0.02 | 55   | 15.88 | 0.171 |
| 1298022 | Soil    | 3.87  | 100.6 | 32.36 | 188.2 | 194  | 94.5  | 25.7 | 556  | 5.72 | 13.2 | 1.0  | 5.3  | 1.1  | 88.7 | 0.61 | 2.01  | 0.34  | 52   | 0.16  | 0.070 |
| 1298023 | Soil    | 3.24  | 42.49 | 35.59 | 94.4  | 309  | 39.2  | 13.4 | 203  | 2.42 | 12.3 | 0.5  | 1.9  | 0.5  | 75.6 | 0.42 | 1.32  | 0.39  | 34   | 0.06  | 0.064 |
| 1298024 | Soil    | 1.95  | 36.75 | 32.35 | 38.1  | 285  | 22.9  | 5.1  | 48   | 1.56 | 8.5  | 0.4  | 3.8  | 1.0  | 47.8 | 0.12 | 0.88  | 0.44  | 18   | 0.05  | 0.029 |
| 1298025 | Soil    | 1.69  | 17.46 | 15.26 | 65.7  | 310  | 22.8  | 7.0  | 237  | 1.98 | 6.3  | 1.0  | 2.4  | 1.3  | 16.0 | 0.34 | 0.58  | 0.14  | 61   | 1.90  | 0.064 |
| 1298026 | Soil    | 2.36  | 19.11 | 20.83 | 112.1 | 394  | 33.5  | 9.7  | 412  | 2.52 | 10.0 | 2.2  | 1.5  | 2.1  | 17.8 | 0.71 | 1.11  | 0.14  | 80   | 1.52  | 0.145 |
| 1298027 | Soil    | 3.22  | 17.73 | 17.33 | 104.6 | 335  | 40.7  | 12.0 | 389  | 3.13 | 13.3 | 1.3  | 1.8  | 4.5  | 16.8 | 0.55 | 1.17  | 0.19  | 88   | 0.38  | 0.047 |
| 1298028 | Soil    | 3.27  | 19.75 | 25.53 | 115.4 | 189  | 45.1  | 11.7 | 260  | 2.99 | 11.4 | 1.2  | 0.7  | 3.8  | 10.6 | 0.49 | 1.09  | 0.17  | 87   | 0.70  | 0.062 |
| 1298029 | Soil    | 1.52  | 29.34 | 13.13 | 86.0  | 412  | 35.0  | 10.5 | 483  | 2.75 | 13.2 | 1.0  | 6.5  | 2.8  | 19.4 | 0.81 | 1.44  | 0.15  | 79   | 1.11  | 0.081 |
| 1298030 | Soil    | 0.79  | 16.61 | 19.57 | 76.4  | 273  | 30.2  | 9.2  | 180  | 1.70 | 4.6  | 1.6  | 1.6  | 2.6  | 20.5 | 0.68 | 0.61  | 0.13  | 63   | 3.32  | 0.095 |

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Project: FACE  
 Report Date: August 20, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1298001 | Soil    | 24.9 | 33.7 | 0.39 | 476.4 | 0.030  | 4    | 1.49 | 0.009 | 0.12 | 0.2  | 4.4  | 0.35 | <0.02 | 191  | 0.7  | 0.08  | 4.5 |
| 1298002 | Soil    | 26.4 | 50.2 | 0.45 | 422.4 | 0.020  | 5    | 1.83 | 0.015 | 0.16 | 0.2  | 2.8  | 0.59 | 0.04  | 182  | 2.0  | 0.08  | 5.7 |
| 1298003 | Soil    | 12.1 | 30.8 | 3.35 | 170.1 | 0.031  | 3    | 1.36 | 0.014 | 0.07 | 0.1  | 4.2  | 0.34 | <0.02 | 143  | 0.8  | 0.05  | 3.3 |
| 1298004 | Soil    | 12.7 | 25.8 | 2.35 | 127.1 | 0.017  | 3    | 1.05 | 0.013 | 0.07 | 0.2  | 2.9  | 0.17 | 0.05  | 61   | 0.6  | <0.02 | 2.8 |
| 1298005 | Soil    | 10.8 | 23.2 | 2.46 | 311.7 | 0.016  | 3    | 1.14 | 0.012 | 0.05 | 0.1  | 1.9  | 0.12 | 0.07  | 66   | 0.4  | 0.03  | 2.8 |
| 1298006 | Soil    | 11.1 | 21.1 | 3.95 | 131.8 | 0.024  | 3    | 0.89 | 0.014 | 0.08 | 0.1  | 3.1  | 0.18 | 0.03  | 54   | 0.4  | 0.03  | 2.1 |
| 1298007 | Soil    | 10.3 | 29.8 | 4.81 | 95.1  | 0.011  | 2    | 0.82 | 0.010 | 0.10 | <0.1 | 3.8  | 0.29 | 0.05  | 65   | 0.5  | <0.02 | 1.8 |
| 1298008 | Soil    | 10.9 | 21.5 | 3.05 | 105.3 | 0.020  | 2    | 1.05 | 0.014 | 0.06 | <0.1 | 2.5  | 0.25 | 0.05  | 67   | 0.6  | 0.06  | 2.5 |
| 1298009 | Soil    | 10.9 | 31.6 | 0.14 | 196.8 | 0.010  | 2    | 0.88 | 0.004 | 0.09 | 0.2  | 1.0  | 1.49 | 0.12  | 199  | 2.8  | 0.16  | 4.0 |
| 1298010 | Soil    | 14.2 | 24.8 | 0.52 | 487.9 | 0.011  | 4    | 0.80 | 0.009 | 0.11 | 0.2  | 2.6  | 0.97 | 0.09  | 380  | 2.3  | 0.08  | 2.3 |
| 1298011 | Soil    | 11.9 | 25.3 | 0.54 | 1100  | 0.029  | 3    | 1.21 | 0.013 | 0.06 | 0.2  | 3.0  | 0.16 | 0.06  | 51   | 0.4  | 0.04  | 3.7 |
| 1298012 | Soil    | 2.6  | 13.4 | 0.09 | 2865  | 0.015  | 1    | 0.36 | 0.003 | 0.03 | 0.1  | 0.8  | 0.28 | 0.05  | 57   | 0.2  | 0.03  | 1.8 |
| 1298013 | Soil    | 10.9 | 25.1 | 0.55 | 255.9 | 0.021  | 2    | 1.20 | 0.012 | 0.05 | <0.1 | 2.0  | 0.13 | 0.08  | 70   | 0.5  | 0.04  | 3.4 |
| 1298014 | Soil    | 17.1 | 28.8 | 0.37 | 424.9 | 0.007  | 4    | 0.61 | 0.005 | 0.15 | 0.2  | 3.5  | 0.85 | 0.04  | 317  | 1.7  | 0.16  | 2.3 |
| 1298015 | Soil    | 11.1 | 18.9 | 3.01 | 159.0 | 0.011  | 3    | 0.88 | 0.012 | 0.10 | <0.1 | 2.6  | 0.33 | 0.04  | 57   | 1.2  | 0.04  | 2.0 |
| 1298016 | Soil    | 10.4 | 27.3 | 0.50 | 1373  | 0.025  | 2    | 1.73 | 0.008 | 0.06 | 0.1  | 2.5  | 0.15 | 0.08  | 66   | 0.3  | 0.04  | 4.4 |
| 1298017 | Soil    | 15.9 | 27.6 | 1.21 | 1241  | 0.005  | 5    | 0.84 | 0.005 | 0.17 | 0.2  | 4.3  | 1.01 | 0.04  | 340  | 2.8  | 0.13  | 2.1 |
| 1298018 | Soil    | 15.6 | 30.1 | 2.57 | 296.4 | 0.025  | 3    | 1.15 | 0.014 | 0.10 | 0.1  | 4.0  | 0.40 | 0.04  | 143  | 2.1  | 0.05  | 2.9 |
| 1298019 | Soil    | 14.2 | 32.3 | 2.75 | 242.4 | 0.029  | 2    | 1.23 | 0.015 | 0.09 | 0.2  | 3.8  | 0.66 | 0.03  | 116  | 1.6  | 0.10  | 3.4 |
| 1298020 | Soil    | 2.8  | 5.7  | 9.78 | 104.0 | 0.008  | <1   | 0.26 | 0.010 | 0.02 | <0.1 | 0.7  | 0.18 | <0.02 | 22   | 0.7  | 0.02  | 0.6 |
| 1298021 | Soil    | 2.5  | 4.1  | 9.34 | 72.2  | 0.005  | <1   | 0.19 | 0.011 | 0.02 | <0.1 | 0.6  | 0.28 | 0.03  | 56   | 1.2  | 0.02  | 0.8 |
| 1298022 | Soil    | 3.3  | 26.4 | 0.16 | 1509  | 0.003  | 1    | 1.16 | 0.005 | 0.08 | <0.1 | 9.1  | 0.21 | 0.13  | 86   | 0.8  | 0.06  | 3.6 |
| 1298023 | Soil    | 2.8  | 15.7 | 0.09 | 313.0 | 0.003  | <1   | 0.78 | 0.007 | 0.08 | <0.1 | 2.2  | 0.28 | 0.13  | 51   | 0.5  | 0.12  | 3.1 |
| 1298024 | Soil    | 2.5  | 10.1 | 0.06 | 267.6 | <0.001 | <1   | 0.66 | 0.005 | 0.11 | <0.1 | 1.9  | 0.32 | 0.17  | 27   | 0.3  | 0.13  | 1.7 |
| 1298025 | Soil    | 7.4  | 27.0 | 1.11 | 412.5 | 0.008  | 1    | 1.54 | 0.008 | 0.06 | 0.1  | 3.5  | 0.19 | 0.03  | 53   | 0.3  | 0.05  | 4.3 |
| 1298026 | Soil    | 9.5  | 31.0 | 0.88 | 258.3 | 0.009  | 3    | 1.71 | 0.008 | 0.09 | <0.1 | 4.4  | 0.30 | 0.04  | 40   | 0.5  | 0.03  | 3.9 |
| 1298027 | Soil    | 13.6 | 44.3 | 0.57 | 614.5 | 0.018  | 2    | 2.56 | 0.010 | 0.07 | 0.1  | 6.2  | 0.29 | 0.03  | 44   | 0.7  | 0.06  | 5.2 |
| 1298028 | Soil    | 9.8  | 40.1 | 0.68 | 317.4 | 0.007  | 2    | 2.84 | 0.003 | 0.07 | <0.1 | 5.5  | 0.28 | <0.02 | 42   | 0.5  | 0.04  | 5.3 |
| 1298029 | Soil    | 10.8 | 31.4 | 0.58 | 893.9 | 0.018  | 4    | 1.43 | 0.010 | 0.06 | 0.1  | 4.7  | 0.16 | 0.03  | 67   | 0.9  | 0.05  | 4.1 |
| 1298030 | Soil    | 8.2  | 30.7 | 2.03 | 224.4 | 0.010  | 3    | 1.44 | 0.008 | 0.08 | <0.1 | 4.0  | 0.18 | 0.03  | 61   | 0.4  | 0.04  | 3.8 |

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Project: FACE  
 Report Date: August 20, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
| 1298031 | Soil    |      |     | 0.25    | 16.26   | 14.20   | 88.4    | 206     | 24.1    | 7.4     | 126     | 1.56    | 5.9     | 1.4    | 1.9     | 2.3     | 16.2    | 0.95    | 0.57    | 0.13    | 57     | 1.36    | 0.091  |
| 1298032 | Soil    |      |     | 2.87    | 21.33   | 16.11   | 93.3    | 154     | 39.3    | 12.3    | 581     | 2.76    | 10.1    | 1.5    | 1.3     | 3.0     | 18.5    | 0.44    | 0.95    | 0.15    | 68     | 0.38    | 0.085  |
| 1298033 | Soil    |      |     | 2.58    | 21.80   | 19.96   | 95.8    | 150     | 40.8    | 12.7    | 404     | 2.84    | 11.1    | 1.6    | 1.4     | 4.1     | 13.4    | 0.35    | 1.00    | 0.16    | 80     | 0.30    | 0.075  |
| 1298034 | Soil    |      |     | 1.64    | 18.71   | 16.67   | 84.5    | 386     | 32.4    | 10.5    | 444     | 2.52    | 11.0    | 1.6    | 1.9     | 2.7     | 20.3    | 0.49    | 0.90    | 0.15    | 77     | 2.17    | 0.112  |
| 1298035 | Soil    |      |     | 2.03    | 32.40   | 12.88   | 101.0   | 368     | 40.4    | 11.4    | 273     | 2.60    | 12.2    | 0.9    | 2.6     | 3.9     | 22.3    | 0.68    | 1.42    | 0.16    | 78     | 0.86    | 0.083  |
| 1298036 | Soil    |      |     | 0.95    | 20.36   | 15.85   | 94.6    | 256     | 31.4    | 8.5     | 123     | 2.37    | 11.7    | 1.6    | 4.2     | 3.5     | 17.6    | 0.46    | 1.07    | 0.16    | 92     | 0.46    | 0.090  |
| 1298037 | Soil    |      |     | 0.52    | 13.95   | 13.54   | 86.1    | 243     | 26.4    | 7.2     | 110     | 1.80    | 6.0     | 2.1    | 5.5     | 1.6     | 20.8    | 0.48    | 0.68    | 0.17    | 61     | 0.78    | 0.119  |
| 1298038 | Soil    |      |     | 1.09    | 19.33   | 17.09   | 105.0   | 264     | 29.6    | 8.0     | 131     | 2.23    | 10.2    | 2.0    | 7.7     | 3.2     | 18.8    | 0.64    | 0.95    | 0.21    | 78     | 0.74    | 0.127  |
| 1298039 | Soil    |      |     | 1.11    | 26.77   | 16.17   | 106.9   | 311     | 38.7    | 10.3    | 218     | 2.26    | 8.2     | 1.4    | 3.6     | 3.3     | 20.2    | 0.81    | 1.02    | 0.17    | 70     | 1.29    | 0.096  |
| 1298040 | Soil    |      |     | 1.00    | 16.70   | 11.57   | 79.8    | 237     | 22.3    | 4.6     | 352     | 1.01    | 3.8     | 2.2    | 2.8     | 0.5     | 27.6    | 0.95    | 0.67    | 0.11    | 36     | 4.27    | 0.102  |
| 1298041 | Soil    |      |     | 13.03   | 32.72   | 14.49   | 465.8   | 383     | 133.6   | 11.1    | 215     | 2.91    | 31.9    | 8.3    | 2.9     | 2.7     | 47.0    | 3.29    | 3.88    | 0.13    | 94     | 6.40    | 0.256  |
| 1298042 | Soil    |      |     | 7.11    | 14.82   | 10.10   | 45.6    | 168     | 11.8    | 1.8     | 36      | 1.48    | 8.9     | 0.7    | 1.4     | 1.1     | 12.4    | 0.20    | 1.74    | 0.16    | 44     | 0.06    | 0.013  |
| 1298043 | Soil    |      |     | 14.79   | 25.54   | 13.71   | 62.9    | 871     | 16.9    | 1.4     | 6       | 1.64    | 11.8    | 0.9    | 1.9     | 0.5     | 39.1    | 0.24    | 6.08    | 0.21    | 38     | 0.09    | 0.024  |
| 1298044 | Soil    |      |     | 27.08   | 40.19   | 7.53    | 23.9    | 572     | 26.5    | 0.8     | 6       | 2.01    | 64.2    | 2.3    | 0.7     | 0.5     | 98.8    | 0.24    | 6.65    | 0.11    | 134    | 0.20    | 0.021  |
| 1298045 | Soil    |      |     | 21.62   | 36.25   | 30.15   | 140.1   | 817     | 67.5    | 6.9     | 126     | 4.71    | 32.6    | 1.9    | 3.9     | 0.9     | 72.9    | 0.81    | 2.79    | 0.30    | 61     | 0.16    | 0.038  |
| 1298046 | Soil    |      |     | 25.91   | 19.59   | 44.62   | 18.3    | 454     | 8.7     | 0.6     | 10      | 1.51    | 21.9    | 1.6    | 1.0     | 0.3     | 37.7    | 0.17    | 4.86    | 0.19    | 91     | 0.04    | 0.038  |
| 1298047 | Soil    |      |     | 17.52   | 25.44   | 22.96   | 29.0    | 635     | 18.1    | 1.3     | 6       | 1.70    | 17.0    | 1.3    | 2.2     | 0.5     | 30.6    | 0.27    | 4.13    | 0.23    | 61     | 0.12    | 0.021  |
| 1298048 | Soil    |      |     | 14.62   | 25.26   | 16.76   | 42.0    | 438     | 14.4    | 1.5     | 13      | 2.13    | 14.0    | 1.3    | 1.8     | 0.6     | 28.9    | 0.08    | 3.64    | 0.19    | 64     | 0.02    | 0.026  |
| 1298049 | Soil    |      |     | 9.61    | 36.92   | 13.01   | 42.6    | 245     | 11.0    | 1.0     | 10      | 2.93    | 38.7    | 0.8    | 1.7     | 0.7     | 81.9    | 0.11    | 1.10    | 0.21    | 45     | <0.01   | 0.050  |
| 1301581 | Soil    |      |     | 8.08    | 26.76   | 13.77   | 102.1   | 261     | 27.9    | 5.7     | 106     | 2.40    | 19.8    | 1.1    | 3.4     | 1.6     | 24.7    | 0.75    | 1.79    | 0.17    | 38     | 0.55    | 0.063  |
| 1301582 | Soil    |      |     | 11.91   | 23.60   | 17.75   | 127.3   | 255     | 30.5    | 6.4     | 135     | 3.17    | 23.6    | 0.9    | 2.6     | 1.5     | 33.4    | 0.86    | 1.31    | 0.24    | 40     | 0.25    | 0.067  |
| 1301583 | Soil    |      |     | 5.18    | 12.94   | 11.42   | 99.7    | 74      | 26.5    | 5.4     | 119     | 1.89    | 9.4     | 0.7    | 2.0     | 2.1     | 10.6    | 0.67    | 1.35    | 0.16    | 100    | 0.13    | 0.039  |
| 1301584 | Soil    |      |     | 5.28    | 35.14   | 12.42   | 176.2   | 868     | 53.1    | 9.4     | 220     | 2.28    | 10.8    | 2.2    | 2.8     | 2.3     | 23.3    | 1.34    | 2.15    | 0.16    | 110    | 0.79    | 0.093  |
| 1301585 | Soil    |      |     | 7.77    | 20.58   | 15.93   | 199.4   | 407     | 44.2    | 6.7     | 184     | 2.10    | 10.9    | 1.4    | 2.4     | 1.5     | 19.3    | 1.91    | 2.73    | 0.18    | 142    | 0.39    | 0.102  |
| 1301586 | Soil    |      |     | 8.24    | 37.89   | 13.87   | 108.0   | 71      | 32.3    | 4.0     | 20      | 4.30    | 19.7    | 0.5    | 1.8     | 1.7     | 14.0    | 0.05    | 1.16    | 0.22    | 29     | 0.02    | 0.049  |
| 1301587 | Soil    |      |     | 7.78    | 48.33   | 13.84   | 76.3    | 457     | 36.9    | 3.0     | 21      | 2.11    | 18.2    | 1.0    | 3.7     | 1.3     | 17.1    | 0.59    | 2.07    | 0.22    | 23     | 0.06    | 0.045  |
| 1301588 | Soil    |      |     | 4.97    | 33.32   | 11.92   | 114.8   | 134     | 37.6    | 4.7     | 43      | 2.28    | 12.9    | 0.5    | 3.2     | 1.4     | 10.7    | 0.46    | 1.12    | 0.23    | 22     | <0.01   | 0.021  |
| 1301589 | Soil    |      |     | 7.32    | 35.59   | 23.01   | 245.1   | 376     | 81.5    | 9.2     | 159     | 4.42    | 19.9    | 0.4    | 2.0     | 1.6     | 26.9    | 0.94    | 2.22    | 0.24    | 36     | 0.07    | 0.044  |
| 1301590 | Soil    |      |     | 2.70    | 12.11   | 8.97    | 57.5    | 202     | 18.5    | 4.2     | 85      | 1.47    | 5.9     | 0.7    | 0.9     | 1.7     | 12.2    | 0.55    | 1.02    | 0.11    | 63     | 0.50    | 0.022  |
| 1301591 | Soil    |      |     | 3.31    | 31.88   | 11.09   | 85.1    | 429     | 32.3    | 4.8     | 103     | 1.62    | 9.2     | 1.7    | 3.1     | 1.3     | 27.3    | 1.00    | 1.58    | 0.14    | 41     | 1.28    | 0.049  |



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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.01 | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1298031 | Soil    | 8.8  | 27.4 | 0.67 | 268.0 | 0.009  | 3    | 1.42 | 0.008 | 0.06 | <0.1 | 3.8  | 0.19 | 0.06  | 67   | 0.5  | 0.02 | 3.8 |
| 1298032 | Soil    | 10.0 | 34.7 | 0.54 | 293.3 | 0.019  | 3    | 1.67 | 0.009 | 0.09 | 0.1  | 4.7  | 0.26 | 0.03  | 26   | 0.5  | 0.05 | 4.6 |
| 1298033 | Soil    | 13.1 | 43.7 | 0.53 | 258.8 | 0.014  | 3    | 2.40 | 0.005 | 0.09 | 0.1  | 6.2  | 0.28 | 0.02  | 41   | 0.5  | 0.07 | 5.0 |
| 1298034 | Soil    | 10.5 | 33.0 | 1.38 | 305.3 | 0.018  | 3    | 1.62 | 0.009 | 0.08 | 0.1  | 4.4  | 0.21 | 0.02  | 59   | 0.3  | 0.05 | 4.4 |
| 1298035 | Soil    | 13.3 | 35.2 | 0.69 | 572.1 | 0.033  | 3    | 1.46 | 0.015 | 0.07 | 0.2  | 5.2  | 0.21 | <0.02 | 64   | 0.7  | 0.04 | 4.2 |
| 1298036 | Soil    | 11.4 | 34.6 | 0.47 | 408.0 | 0.013  | 3    | 1.72 | 0.008 | 0.08 | 0.1  | 4.8  | 0.32 | 0.03  | 70   | 0.5  | 0.04 | 4.9 |
| 1298037 | Soil    | 8.6  | 30.0 | 0.39 | 326.0 | 0.010  | 4    | 1.47 | 0.011 | 0.07 | 0.1  | 3.4  | 0.25 | 0.05  | 75   | 0.6  | 0.05 | 4.6 |
| 1298038 | Soil    | 10.8 | 31.5 | 0.47 | 340.1 | 0.015  | 3    | 1.53 | 0.011 | 0.09 | 0.2  | 4.4  | 0.24 | 0.03  | 61   | 0.5  | 0.05 | 4.4 |
| 1298039 | Soil    | 11.6 | 33.1 | 0.79 | 305.0 | 0.019  | 4    | 1.43 | 0.012 | 0.08 | 0.1  | 4.9  | 0.22 | 0.03  | 65   | 0.6  | 0.04 | 4.1 |
| 1298040 | Soil    | 4.7  | 17.5 | 1.86 | 693.9 | 0.006  | 4    | 0.76 | 0.010 | 0.04 | <0.1 | 1.6  | 0.16 | 0.08  | 57   | 0.9  | 0.04 | 2.0 |
| 1298041 | Soil    | 15.4 | 26.2 | 3.30 | 538.3 | 0.002  | 4    | 0.85 | 0.005 | 0.18 | 0.1  | 4.2  | 1.27 | 0.03  | 321  | 1.3  | 0.03 | 2.1 |
| 1298042 | Soil    | 3.7  | 8.9  | 0.05 | 638.2 | 0.003  | 2    | 0.40 | 0.009 | 0.07 | <0.1 | 1.5  | 0.42 | 0.07  | 45   | 2.1  | 0.10 | 1.7 |
| 1298043 | Soil    | 1.0  | 6.3  | 0.03 | 439.4 | <0.001 | 4    | 0.28 | 0.037 | 0.13 | <0.1 | 2.1  | 1.27 | 0.35  | 66   | 8.9  | 0.12 | 1.3 |
| 1298044 | Soil    | 0.8  | 7.2  | 0.04 | 323.0 | <0.001 | 5    | 0.12 | 0.050 | 0.09 | <0.1 | 1.9  | 2.11 | 0.43  | 96   | 7.9  | 0.32 | 1.1 |
| 1298045 | Soil    | 1.6  | 11.6 | 0.05 | 376.7 | <0.001 | 3    | 0.39 | 0.043 | 0.15 | <0.1 | 5.8  | 3.51 | 0.39  | 221  | 7.2  | 0.17 | 1.3 |
| 1298046 | Soil    | 1.7  | 12.0 | 0.01 | 377.6 | 0.002  | 3    | 0.26 | 0.007 | 0.12 | <0.1 | 0.8  | 2.71 | 0.29  | 71   | 7.5  | 0.15 | 1.7 |
| 1298047 | Soil    | 1.5  | 9.8  | 0.04 | 545.4 | <0.001 | 4    | 0.33 | 0.007 | 0.09 | <0.1 | 1.9  | 1.72 | 0.13  | 109  | 9.1  | 0.14 | 1.4 |
| 1298048 | Soil    | 1.3  | 9.3  | 0.02 | 475.4 | <0.001 | 4    | 0.32 | 0.009 | 0.10 | <0.1 | 1.5  | 1.50 | 0.18  | 100  | 6.8  | 0.10 | 1.4 |
| 1298049 | Soil    | 1.2  | 15.4 | 0.03 | 359.8 | <0.001 | 4    | 0.39 | 0.047 | 0.14 | <0.1 | 3.7  | 0.68 | 0.43  | 256  | 7.6  | 0.09 | 1.7 |
| 1301581 | Soil    | 4.4  | 12.4 | 0.17 | 633.7 | 0.002  | 4    | 0.63 | 0.016 | 0.09 | <0.1 | 2.7  | 0.42 | 0.12  | 135  | 1.4  | 0.06 | 1.9 |
| 1301582 | Soil    | 3.1  | 13.0 | 0.09 | 444.0 | 0.001  | 4    | 0.58 | 0.070 | 0.12 | <0.1 | 2.4  | 0.85 | 0.45  | 143  | 1.2  | 0.08 | 2.0 |
| 1301583 | Soil    | 9.4  | 18.3 | 0.14 | 388.7 | 0.013  | 1    | 1.06 | 0.003 | 0.06 | 0.1  | 1.8  | 0.23 | <0.02 | 16   | 0.6  | 0.05 | 4.5 |
| 1301584 | Soil    | 9.5  | 27.2 | 0.36 | 1813  | 0.004  | 4    | 1.35 | 0.005 | 0.08 | <0.1 | 4.6  | 0.27 | 0.03  | 134  | 1.4  | 0.08 | 3.8 |
| 1301585 | Soil    | 8.7  | 21.7 | 0.23 | 626.2 | 0.008  | 2    | 1.18 | 0.005 | 0.08 | 0.1  | 2.4  | 0.32 | 0.05  | 39   | 1.4  | 0.08 | 4.3 |
| 1301586 | Soil    | 1.7  | 21.2 | 0.05 | 196.5 | 0.001  | 2    | 0.73 | 0.016 | 0.09 | <0.1 | 2.1  | 0.42 | 0.11  | 80   | 1.9  | 0.07 | 2.4 |
| 1301587 | Soil    | 2.5  | 13.9 | 0.07 | 417.6 | <0.001 | 3    | 0.66 | 0.004 | 0.08 | <0.1 | 3.7  | 0.42 | 0.05  | 143  | 4.9  | 0.09 | 1.7 |
| 1301588 | Soil    | 1.8  | 13.9 | 0.06 | 167.9 | <0.001 | 2    | 0.72 | 0.010 | 0.09 | <0.1 | 4.2  | 0.90 | 0.07  | 88   | 1.4  | 0.13 | 1.6 |
| 1301589 | Soil    | 2.1  | 20.1 | 0.11 | 365.2 | <0.001 | 2    | 0.95 | 0.041 | 0.09 | <0.1 | 3.1  | 0.77 | 0.26  | 27   | 1.8  | 0.08 | 2.5 |
| 1301590 | Soil    | 6.8  | 18.8 | 0.28 | 797.2 | 0.007  | 1    | 1.02 | 0.008 | 0.04 | <0.1 | 2.1  | 0.17 | <0.02 | 20   | 0.4  | 0.06 | 3.9 |
| 1301591 | Soil    | 5.3  | 15.2 | 0.35 | 830.6 | 0.005  | 4    | 0.76 | 0.010 | 0.06 | <0.1 | 2.9  | 0.25 | 0.10  | 108  | 1.4  | 0.08 | 2.2 |

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Project: FACE  
 Report Date: August 20, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |       |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1301592 | Soil | 2.78  | 21.98 | 11.87 | 108.5 | 350  | 29.1  | 6.3  | 238  | 1.96 | 9.0  | 1.4  | 1.4  | 1.3  | 21.3 | 1.06 | 1.07 | 0.15 | 61   | 1.11  | 0.068 |
| 1301593 | Soil | 2.79  | 28.46 | 13.03 | 126.8 | 376  | 45.9  | 12.4 | 311  | 2.71 | 10.9 | 1.1  | 2.2  | 3.4  | 20.0 | 1.00 | 1.11 | 0.16 | 76   | 0.36  | 0.076 |
| 1301594 | Soil | 0.58  | 24.08 | 10.51 | 82.2  | 275  | 24.3  | 8.0  | 224  | 1.79 | 5.9  | 1.6  | 1.9  | 3.0  | 22.6 | 0.74 | 0.98 | 0.14 | 56   | 0.64  | 0.064 |
| 1301595 | Soil | 0.75  | 22.65 | 9.72  | 77.8  | 243  | 23.5  | 6.7  | 345  | 1.86 | 8.2  | 1.3  | 1.8  | 1.8  | 20.9 | 0.77 | 0.95 | 0.10 | 46   | 1.07  | 0.062 |
| 1301596 | Soil | 2.29  | 28.05 | 13.26 | 79.0  | 275  | 28.9  | 7.4  | 160  | 1.96 | 9.8  | 1.1  | 2.0  | 2.2  | 18.4 | 0.72 | 1.13 | 0.14 | 51   | 1.29  | 0.063 |
| 1301597 | Soil | 4.13  | 35.31 | 16.59 | 110.0 | 425  | 34.2  | 8.1  | 285  | 2.47 | 15.6 | 1.2  | 2.7  | 2.5  | 25.7 | 0.88 | 1.60 | 0.17 | 52   | 1.79  | 0.080 |
| 1301598 | Soil | 2.42  | 14.20 | 11.34 | 71.3  | 131  | 24.7  | 7.5  | 236  | 2.28 | 10.6 | 0.7  | 2.0  | 2.7  | 15.8 | 0.39 | 0.82 | 0.14 | 59   | 0.28  | 0.032 |
| 1301599 | Soil | 1.77  | 14.54 | 11.28 | 75.2  | 177  | 29.6  | 10.7 | 369  | 2.65 | 11.4 | 0.9  | 1.7  | 3.6  | 18.5 | 0.27 | 0.70 | 0.16 | 62   | 0.36  | 0.053 |
| 1301600 | Soil | 2.21  | 17.11 | 10.94 | 70.2  | 251  | 16.8  | 5.0  | 132  | 1.94 | 9.8  | 0.8  | 1.9  | 2.0  | 17.9 | 0.35 | 0.79 | 0.15 | 42   | 0.29  | 0.059 |
| 1301740 | Soil | 6.14  | 46.78 | 13.59 | 138.7 | 311  | 38.5  | 6.2  | 73   | 3.28 | 19.7 | 0.5  | 2.5  | 1.6  | 7.4  | 0.13 | 2.85 | 0.22 | 48   | 0.03  | 0.038 |
| 1301741 | Soil | 6.11  | 20.79 | 14.19 | 72.6  | 88   | 27.0  | 6.0  | 146  | 3.30 | 13.1 | 0.6  | 1.3  | 2.4  | 9.6  | 0.16 | 0.98 | 0.23 | 67   | 0.07  | 0.032 |
| 1301742 | Soil | 5.38  | 17.77 | 11.05 | 47.5  | 66   | 16.3  | 3.9  | 72   | 2.24 | 11.7 | 0.7  | 2.2  | 2.0  | 11.0 | 0.30 | 0.94 | 0.17 | 42   | 0.08  | 0.025 |
| 1301743 | Soil | 4.76  | 26.83 | 11.30 | 105.9 | 387  | 23.3  | 4.9  | 120  | 1.73 | 8.8  | 1.6  | 5.4  | 2.1  | 21.1 | 1.03 | 2.02 | 0.21 | 69   | 0.23  | 0.088 |
| 1301744 | Soil | 4.79  | 33.45 | 17.78 | 36.1  | 457  | 13.4  | 2.6  | 37   | 2.23 | 27.2 | 1.3  | 4.6  | 2.8  | 20.8 | 0.46 | 2.00 | 0.25 | 45   | 0.23  | 0.029 |
| 1301745 | Soil | 2.58  | 33.62 | 13.11 | 127.3 | 498  | 40.4  | 8.8  | 206  | 2.22 | 11.1 | 1.7  | 3.6  | 3.9  | 31.5 | 1.05 | 1.85 | 0.20 | 76   | 0.49  | 0.073 |
| 1301746 | Soil | 3.76  | 40.55 | 12.74 | 207.9 | 780  | 47.6  | 7.9  | 207  | 1.57 | 10.0 | 2.5  | 2.6  | 4.1  | 33.6 | 2.87 | 3.07 | 0.19 | 115  | 0.69  | 0.085 |
| 1301747 | Soil | 5.37  | 51.95 | 12.49 | 351.0 | 1382 | 71.8  | 7.2  | 148  | 1.65 | 14.0 | 3.6  | 4.2  | 3.5  | 49.7 | 4.22 | 3.97 | 0.17 | 130  | 0.92  | 0.123 |
| 1301748 | Soil | 5.00  | 41.44 | 12.59 | 219.0 | 1064 | 47.7  | 7.4  | 271  | 1.51 | 17.0 | 5.8  | 1.4  | 1.0  | 45.1 | 4.08 | 2.96 | 0.15 | 133  | 1.09  | 0.080 |
| 1301749 | Soil | 3.44  | 30.81 | 15.26 | 144.1 | 701  | 46.7  | 10.2 | 289  | 1.93 | 9.0  | 2.4  | 4.2  | 2.1  | 24.5 | 1.13 | 1.54 | 0.18 | 106  | 0.70  | 0.106 |
| 1301750 | Soil | 4.03  | 27.22 | 11.54 | 363.3 | 1006 | 63.4  | 6.1  | 116  | 1.55 | 8.9  | 7.4  | 2.2  | 1.7  | 41.5 | 6.02 | 3.82 | 0.13 | 167  | 0.94  | 0.151 |
| 1301839 | Soil | 31.35 | 49.99 | 9.85  | 630.8 | 1294 | 129.3 | 6.7  | 40   | 1.45 | 29.2 | 3.7  | 0.9  | 5.6  | 36.6 | 4.49 | 9.37 | 0.21 | 339  | 0.79  | 0.151 |
| 1301840 | Soil | 29.99 | 43.42 | 9.09  | 464.3 | 1203 | 114.5 | 9.0  | 41   | 1.44 | 24.4 | 3.2  | 1.0  | 4.4  | 29.3 | 2.86 | 8.29 | 0.18 | 265  | 0.60  | 0.126 |
| 1301841 | Soil | 27.19 | 46.28 | 9.43  | 578.4 | 1322 | 136.9 | 7.0  | 157  | 1.68 | 22.9 | 3.2  | 1.4  | 2.6  | 24.3 | 6.74 | 7.73 | 0.23 | 284  | 0.89  | 0.118 |
| 1301842 | Soil | 2.33  | 30.83 | 12.82 | 124.7 | 450  | 41.2  | 10.3 | 282  | 2.29 | 9.7  | 1.4  | 2.4  | 3.3  | 22.9 | 1.14 | 1.55 | 0.19 | 74   | 0.57  | 0.092 |
| 1301843 | Soil | 2.72  | 29.41 | 11.63 | 170.5 | 621  | 50.2  | 11.9 | 320  | 2.34 | 9.3  | 2.3  | 2.8  | 5.0  | 24.6 | 2.36 | 1.69 | 0.18 | 98   | 0.55  | 0.116 |
| 1301844 | Soil | 1.59  | 27.95 | 14.15 | 103.9 | 276  | 33.7  | 11.4 | 412  | 2.49 | 10.9 | 1.5  | 2.2  | 3.3  | 22.4 | 0.60 | 0.82 | 0.17 | 68   | 0.55  | 0.101 |
| 1301845 | Soil | 1.89  | 26.54 | 18.01 | 114.0 | 244  | 31.5  | 11.1 | 514  | 2.42 | 11.7 | 1.6  | 2.8  | 2.1  | 24.3 | 0.65 | 0.89 | 0.17 | 61   | 0.83  | 0.102 |
| 1301846 | Soil | 1.24  | 6.31  | 16.72 | 76.9  | 120  | 14.5  | 2.4  | 216  | 0.65 | 11.5 | 1.2  | 3.0  | 0.4  | 43.1 | 0.84 | 1.50 | 0.02 | 28   | 11.57 | 0.056 |
| 1301847 | Soil | 2.02  | 10.46 | 14.43 | 63.9  | 138  | 18.1  | 5.5  | 365  | 1.40 | 7.5  | 1.3  | 11.0 | 1.4  | 33.9 | 0.66 | 0.77 | 0.09 | 39   | 6.61  | 0.088 |
| 1301848 | Soil | 1.90  | 12.05 | 7.51  | 49.4  | 114  | 18.1  | 6.2  | 377  | 1.52 | 6.7  | 0.8  | 1.9  | 1.0  | 31.2 | 0.43 | 0.68 | 0.09 | 39   | 5.79  | 0.058 |

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 Report Date: August 20, 2012

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15   | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|---------|------|------|------|-------|-------|------|------|--------|------|------|------|------|-------|------|------|-------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti    | B    | Al   | Na     | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %     | ppm  | %    | %      | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001 | 1    | 0.01 | 0.001  | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1 |
| 1301592 | Soil    | 8.0  | 23.1 | 0.46 | 1149  | 0.010 | 3    | 1.37 | 0.012  | 0.06 | 0.1  | 3.2  | 0.23 | 0.05  | 74   | 0.7  | 0.07  | 4.1 |
| 1301593 | Soil    | 12.7 | 34.1 | 0.44 | 643.8 | 0.027 | 3    | 1.93 | 0.009  | 0.08 | 0.1  | 4.9  | 0.20 | <0.02 | 57   | 0.4  | 0.08  | 4.7 |
| 1301594 | Soil    | 12.3 | 27.5 | 0.41 | 675.7 | 0.022 | 3    | 1.39 | 0.010  | 0.06 | 0.1  | 4.0  | 0.15 | 0.04  | 71   | 0.9  | 0.08  | 4.0 |
| 1301595 | Soil    | 8.5  | 20.5 | 0.42 | 883.8 | 0.014 | 3    | 1.13 | 0.012  | 0.06 | 0.1  | 3.1  | 0.11 | 0.06  | 63   | 1.1  | 0.04  | 3.4 |
| 1301596 | Soil    | 8.1  | 21.1 | 0.65 | 952.6 | 0.008 | 3    | 1.19 | 0.010  | 0.06 | <0.1 | 3.5  | 0.16 | 0.03  | 60   | 0.9  | 0.05  | 3.6 |
| 1301597 | Soil    | 7.0  | 21.7 | 0.98 | 850.7 | 0.005 | 3    | 1.10 | 0.006  | 0.08 | <0.1 | 4.3  | 0.36 | 0.03  | 110  | 0.9  | 0.09  | 3.4 |
| 1301598 | Soil    | 10.5 | 25.4 | 0.42 | 464.1 | 0.020 | 2    | 1.40 | 0.007  | 0.05 | 0.1  | 3.3  | 0.16 | <0.02 | 23   | 0.4  | <0.02 | 4.4 |
| 1301599 | Soil    | 12.6 | 30.0 | 0.50 | 439.8 | 0.028 | 2    | 1.81 | 0.009  | 0.05 | 0.1  | 3.8  | 0.17 | <0.02 | 41   | 0.4  | 0.03  | 5.0 |
| 1301600 | Soil    | 8.4  | 21.0 | 0.28 | 433.8 | 0.007 | 1    | 1.18 | 0.008  | 0.06 | 0.1  | 3.1  | 0.21 | 0.03  | 74   | 0.7  | 0.06  | 3.8 |
| 1301740 | Soil    | 3.9  | 24.0 | 0.14 | 144.7 | 0.003 | <1   | 1.27 | 0.003  | 0.06 | <0.1 | 2.6  | 0.50 | 0.02  | 27   | 2.7  | 0.09  | 3.6 |
| 1301741 | Soil    | 6.7  | 30.3 | 0.21 | 268.6 | 0.009 | 1    | 2.10 | 0.007  | 0.06 | 0.1  | 2.6  | 0.42 | 0.04  | 30   | 0.9  | 0.06  | 6.1 |
| 1301742 | Soil    | 7.8  | 17.7 | 0.16 | 232.8 | 0.008 | 1    | 0.95 | 0.005  | 0.06 | <0.1 | 2.1  | 0.22 | <0.02 | 67   | 0.7  | 0.08  | 3.5 |
| 1301743 | Soil    | 10.3 | 19.8 | 0.27 | 561.2 | 0.010 | 2    | 0.98 | 0.004  | 0.06 | 0.1  | 2.7  | 0.18 | 0.02  | 67   | 0.9  | 0.08  | 3.0 |
| 1301744 | Soil    | 6.8  | 16.9 | 0.15 | 729.5 | 0.003 | 3    | 0.83 | 0.006  | 0.08 | <0.1 | 3.8  | 0.49 | 0.04  | 160  | 1.8  | 0.10  | 2.7 |
| 1301745 | Soil    | 14.2 | 30.5 | 0.48 | 1246  | 0.021 | 2    | 1.40 | 0.010  | 0.05 | 0.2  | 4.6  | 0.14 | 0.02  | 71   | 0.9  | 0.04  | 4.1 |
| 1301746 | Soil    | 15.5 | 29.7 | 0.44 | 1263  | 0.021 | 1    | 1.23 | 0.010  | 0.05 | 0.1  | 4.5  | 0.15 | 0.06  | 93   | 1.7  | 0.07  | 3.6 |
| 1301747 | Soil    | 14.2 | 33.5 | 0.44 | 2691  | 0.015 | 2    | 1.32 | 0.009  | 0.06 | 0.1  | 5.3  | 0.41 | 0.06  | 146  | 1.8  | 0.06  | 4.1 |
| 1301748 | Soil    | 13.5 | 22.7 | 0.39 | 4543  | 0.010 | 1    | 1.15 | 0.010  | 0.03 | <0.1 | 2.5  | 0.34 | 0.06  | 123  | 2.8  | 0.07  | 3.6 |
| 1301749 | Soil    | 15.1 | 31.3 | 0.47 | 1066  | 0.015 | 1    | 1.54 | 0.008  | 0.05 | 0.2  | 4.0  | 0.17 | 0.03  | 100  | 0.6  | 0.08  | 4.4 |
| 1301750 | Soil    | 10.5 | 23.1 | 0.33 | 1330  | 0.010 | 2    | 1.00 | 0.005  | 0.06 | 0.1  | 2.9  | 0.23 | 0.07  | 157  | 1.8  | 0.05  | 3.1 |
| 1301839 | Soil    | 15.5 | 21.8 | 0.05 | 660.7 | 0.002 | 5    | 0.39 | <0.001 | 0.13 | 0.2  | 3.1  | 0.96 | <0.02 | 309  | 1.1  | 0.10  | 1.6 |
| 1301840 | Soil    | 15.9 | 18.3 | 0.04 | 351.6 | 0.002 | 4    | 0.29 | 0.001  | 0.10 | 0.2  | 3.0  | 1.04 | 0.02  | 327  | 1.2  | 0.09  | 1.3 |
| 1301841 | Soil    | 20.4 | 24.5 | 0.13 | 231.2 | 0.007 | 3    | 0.64 | 0.002  | 0.08 | 0.2  | 3.6  | 0.64 | 0.02  | 356  | 1.1  | 0.15  | 2.4 |
| 1301842 | Soil    | 14.5 | 33.0 | 0.47 | 1912  | 0.031 | 2    | 1.66 | 0.008  | 0.06 | 0.1  | 5.4  | 0.14 | 0.03  | 71   | 0.4  | 0.05  | 4.7 |
| 1301843 | Soil    | 16.7 | 35.1 | 0.55 | 921.3 | 0.050 | 2    | 1.78 | 0.010  | 0.08 | 0.1  | 5.5  | 0.23 | <0.02 | 84   | 0.3  | <0.02 | 4.9 |
| 1301844 | Soil    | 18.6 | 32.9 | 0.50 | 256.3 | 0.039 | 1    | 1.67 | 0.011  | 0.05 | 0.2  | 4.8  | 0.15 | <0.02 | 81   | 0.1  | 0.07  | 4.7 |
| 1301845 | Soil    | 15.6 | 27.6 | 0.53 | 217.9 | 0.038 | 2    | 1.59 | 0.016  | 0.05 | 0.2  | 3.9  | 0.17 | 0.04  | 114  | 0.2  | 0.03  | 4.4 |
| 1301846 | Soil    | 3.7  | 6.5  | 6.62 | 49.0  | 0.011 | 1    | 0.31 | 0.009  | 0.02 | <0.1 | 3.7  | 0.35 | <0.02 | 417  | 0.2  | <0.02 | 0.8 |
| 1301847 | Soil    | 9.1  | 15.1 | 3.94 | 109.3 | 0.028 | 1    | 0.86 | 0.011  | 0.03 | 0.3  | 4.9  | 0.13 | <0.02 | 58   | 0.3  | <0.02 | 2.0 |
| 1301848 | Soil    | 10.7 | 17.8 | 3.49 | 87.9  | 0.028 | 2    | 0.93 | 0.012  | 0.04 | 0.2  | 4.9  | 0.07 | 0.04  | 38   | 0.3  | 0.04  | 2.0 |

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Project: FACE  
 Report Date: August 20, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01 | 0.001 |       |
| 1301849 | Soil | 2.34  | 23.14 | 13.19 | 91.7  | 208  | 30.6  | 11.7 | 649  | 2.50 | 11.7 | 0.8  | 7.7  | 0.9  | 22.2  | 0.86  | 0.97  | 0.19 | 55   | 1.50  | 0.074 |
| 1301850 | Soil | 3.70  | 11.28 | 7.07  | 58.2  | 143  | 21.7  | 4.7  | 224  | 1.01 | 7.7  | 3.9  | 2.1  | 1.6  | 69.5  | 0.81  | 0.96  | 0.05 | 39   | 12.31 | 0.073 |
| 1301876 | Soil | 17.53 | 65.72 | 19.09 | 263.2 | 3287 | 51.2  | 3.2  | 61   | 2.44 | 15.1 | 6.8  | 1.1  | 4.5  | 48.2  | 8.50  | 20.28 | 0.21 | 462  | 0.41  | 0.079 |
| 1301877 | Soil | 32.24 | 113.2 | 16.54 | 41.6  | 2467 | 33.3  | 1.0  | 25   | 0.97 | 37.4 | 2.8  | 3.2  | 2.5  | 95.9  | 9.89  | 9.34  | 0.16 | 298  | 0.60  | 0.050 |
| 1301878 | Soil | 4.90  | 34.39 | 14.14 | 169.8 | 827  | 38.2  | 5.9  | 109  | 1.81 | 9.1  | 3.9  | 2.2  | 1.4  | 33.7  | 2.83  | 4.25  | 0.19 | 132  | 0.38  | 0.086 |
| 1301879 | Soil | 15.54 | 44.45 | 14.28 | 142.1 | 2280 | 31.6  | 3.2  | 88   | 2.57 | 20.6 | 8.1  | 1.9  | 1.2  | 52.2  | 2.65  | 13.44 | 0.18 | 302  | 0.11  | 0.171 |
| 1301880 | Soil | 6.89  | 16.54 | 14.71 | 163.5 | 460  | 35.0  | 6.0  | 166  | 1.53 | 9.6  | 2.6  | 0.6  | 1.7  | 20.9  | 2.29  | 2.14  | 0.14 | 113  | 0.79  | 0.111 |
| 1301881 | Soil | 5.49  | 37.78 | 13.38 | 311.5 | 1472 | 56.7  | 8.4  | 134  | 1.73 | 11.0 | 4.8  | 2.2  | 3.7  | 37.7  | 6.19  | 4.82  | 0.18 | 198  | 0.61  | 0.091 |
| 1301882 | Soil | 10.13 | 30.76 | 13.72 | 90.6  | 1315 | 32.5  | 4.3  | 95   | 1.73 | 27.2 | 1.9  | 7.0  | 1.0  | 31.2  | 1.50  | 6.09  | 0.15 | 118  | 0.44  | 0.085 |
| 1301883 | Soil | 5.76  | 44.71 | 11.61 | 179.3 | 1317 | 54.3  | 7.1  | 157  | 1.76 | 11.2 | 2.8  | 3.5  | 3.0  | 59.8  | 3.72  | 4.09  | 0.19 | 115  | 0.88  | 0.087 |
| 1301884 | Soil | 6.79  | 39.31 | 12.84 | 180.6 | 1016 | 46.8  | 6.3  | 119  | 1.55 | 14.5 | 3.8  | 1.5  | 2.7  | 46.8  | 3.19  | 3.52  | 0.18 | 139  | 0.46  | 0.083 |
| 1301885 | Soil | 4.15  | 40.50 | 9.97  | 237.6 | 1910 | 74.6  | 5.5  | 100  | 1.09 | 7.1  | 4.3  | 2.6  | 1.8  | 64.2  | 5.58  | 4.25  | 0.14 | 150  | 1.07  | 0.095 |
| 1301886 | Soil | 2.60  | 30.02 | 14.26 | 77.2  | 128  | 30.2  | 8.0  | 93   | 1.76 | 8.4  | 0.5  | 0.6  | 1.4  | 11.7  | 0.34  | 0.89  | 0.17 | 37   | 0.10  | 0.028 |
| 1301887 | Soil | 5.15  | 26.34 | 17.40 | 87.2  | 105  | 24.1  | 6.4  | 122  | 2.21 | 10.5 | 0.4  | 0.9  | 1.2  | 10.7  | 0.41  | 1.35  | 0.19 | 56   | 0.05  | 0.028 |
| 1301888 | Soil | 12.29 | 37.88 | 15.81 | 81.7  | 386  | 22.6  | 3.1  | 31   | 2.67 | 23.6 | 1.1  | 1.5  | 0.7  | 33.0  | 0.19  | 3.06  | 0.25 | 47   | 0.01  | 0.030 |
| 1301889 | Soil | 3.75  | 36.99 | 13.64 | 134.4 | 739  | 43.7  | 9.2  | 508  | 2.06 | 9.9  | 3.6  | 2.4  | 2.0  | 30.6  | 1.05  | 2.45  | 0.17 | 96   | 0.83  | 0.096 |
| 1301890 | Soil | 18.26 | 28.20 | 16.96 | 125.4 | 719  | 46.2  | 4.6  | 15   | 2.70 | 25.4 | 0.9  | 1.2  | 1.0  | 64.4  | 0.27  | 5.10  | 0.28 | 40   | 0.25  | 0.022 |
| 1301891 | Soil | 25.03 | 74.88 | 37.00 | 435.1 | 447  | 100.5 | 9.7  | 36   | 2.65 | 20.9 | 4.0  | 1.3  | 0.9  | 125.3 | 2.70  | 3.03  | 0.17 | 96   | 0.13  | 0.047 |
| 1301892 | Soil | 5.31  | 15.86 | 16.83 | 600.5 | 281  | 93.9  | 9.8  | 187  | 2.86 | 11.5 | 2.4  | 3.8  | 2.0  | 29.1  | 5.95  | 1.30  | 0.16 | 75   | 3.76  | 0.082 |
| 1301893 | Soil | 2.93  | 16.85 | 14.29 | 237.3 | 367  | 44.6  | 7.3  | 158  | 1.63 | 7.3  | 1.9  | 2.8  | 2.0  | 28.4  | 1.96  | 1.09  | 0.13 | 77   | 3.42  | 0.082 |
| 1301894 | Soil | 2.45  | 25.40 | 16.61 | 180.2 | 1096 | 43.3  | 9.9  | 316  | 2.34 | 11.8 | 2.4  | 2.8  | 2.9  | 32.6  | 3.57  | 1.88  | 0.18 | 76   | 1.54  | 0.100 |
| 1301895 | Soil | 1.27  | 27.33 | 12.90 | 125.7 | 987  | 33.4  | 6.6  | 199  | 1.53 | 6.6  | 1.6  | 2.8  | 2.0  | 36.6  | 1.69  | 2.09  | 0.15 | 52   | 2.36  | 0.080 |
| 1301896 | Soil | 7.44  | 31.60 | 31.54 | 223.7 | 1593 | 46.1  | 5.4  | 130  | 1.80 | 17.0 | 2.0  | 8.1  | 1.2  | 66.1  | 2.12  | 4.26  | 0.20 | 64   | 0.80  | 0.083 |
| 1301897 | Soil | 2.47  | 13.97 | 20.24 | 118.7 | 264  | 28.2  | 6.4  | 317  | 1.90 | 8.1  | 1.8  | 1.2  | 1.3  | 20.3  | 0.99  | 1.08  | 0.16 | 59   | 1.76  | 0.081 |
| 1301898 | Soil | 7.12  | 17.74 | 21.16 | 994.4 | 222  | 120.2 | 13.4 | 421  | 3.84 | 16.5 | 6.3  | 1.0  | 3.4  | 21.6  | 14.92 | 4.60  | 0.14 | 170  | 2.60  | 0.137 |
| 1301899 | Soil | 3.23  | 20.11 | 11.87 | 114.1 | 146  | 33.7  | 9.8  | 243  | 2.44 | 11.5 | 0.9  | 1.7  | 3.8  | 17.9  | 0.46  | 1.34  | 0.17 | 92   | 0.17  | 0.022 |
| 1301900 | Soil | 2.76  | 17.59 | 14.57 | 84.4  | 120  | 39.9  | 11.3 | 306  | 2.84 | 13.6 | 1.0  | 2.0  | 4.1  | 16.5  | 0.44  | 1.24  | 0.19 | 83   | 0.24  | 0.039 |
| 1301901 | Soil | 6.36  | 31.82 | 16.82 | 80.6  | 275  | 21.0  | 5.1  | 122  | 2.48 | 19.1 | 0.8  | 2.9  | 1.5  | 21.3  | 0.30  | 1.08  | 0.25 | 27   | 0.44  | 0.043 |
| 1301902 | Soil | 3.87  | 35.95 | 19.83 | 188.4 | 563  | 47.8  | 8.2  | 166  | 2.07 | 12.2 | 2.8  | 2.2  | 2.8  | 26.7  | 1.75  | 1.56  | 0.19 | 88   | 0.89  | 0.166 |
| 1301903 | Soil | 4.78  | 28.55 | 14.22 | 143.3 | 395  | 40.8  | 6.7  | 194  | 1.85 | 12.3 | 1.8  | 1.9  | 2.2  | 36.2  | 1.28  | 1.68  | 0.14 | 62   | 4.23  | 0.109 |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------|------|------|------|------|-------|--------|------|-------|-------|------|------|------|------|-------|------|------|-------|-----|
| Analyte | La   | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit    | ppm  | ppm  | %    | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL     | 0.5  | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| 1301849 | Soil | 15.5 | 27.6 | 1.02 | 152.5 | 0.027  | 3    | 1.51  | 0.014 | 0.06 | 0.1  | 2.7  | 0.13 | 0.07  | 71   | 0.4  | 0.07  | 3.9 |
| 1301850 | Soil | 7.4  | 12.5 | 5.86 | 62.5  | 0.022  | 1    | 0.49  | 0.013 | 0.05 | 0.1  | 4.9  | 0.10 | <0.02 | 43   | 0.2  | <0.02 | 1.3 |
| 1301876 | Soil | 14.6 | 26.1 | 0.11 | 425.3 | 0.005  | 5    | 0.66  | 0.011 | 0.17 | <0.1 | 3.5  | 0.84 | 0.33  | 280  | 10.3 | 0.10  | 3.2 |
| 1301877 | Soil | 17.9 | 23.0 | 0.13 | 850.7 | 0.002  | 7    | 0.74  | 0.013 | 0.16 | <0.1 | 5.4  | 2.47 | 0.20  | 227  | 7.4  | 0.25  | 4.8 |
| 1301878 | Soil | 14.5 | 28.2 | 0.35 | 2122  | 0.013  | 2    | 1.47  | 0.006 | 0.06 | 0.2  | 3.6  | 0.30 | 0.06  | 104  | 3.2  | 0.10  | 4.6 |
| 1301879 | Soil | 21.8 | 30.7 | 0.16 | 792.6 | 0.007  | 4    | 1.20  | 0.019 | 0.12 | <0.1 | 2.7  | 0.99 | 0.22  | 270  | 7.3  | 0.08  | 4.6 |
| 1301880 | Soil | 8.7  | 21.0 | 0.45 | 1177  | 0.007  | 2    | 1.31  | 0.006 | 0.07 | 0.1  | 2.9  | 0.21 | 0.03  | 42   | 0.5  | 0.06  | 4.4 |
| 1301881 | Soil | 14.5 | 29.2 | 0.36 | 1668  | 0.013  | 3    | 1.22  | 0.006 | 0.07 | 0.1  | 4.6  | 0.30 | 0.04  | 122  | 2.0  | 0.03  | 3.6 |
| 1301882 | Soil | 7.4  | 18.7 | 0.20 | 1622  | 0.005  | 3    | 0.90  | 0.010 | 0.06 | <0.1 | 2.8  | 0.85 | 0.07  | 195  | 6.6  | 0.11  | 3.2 |
| 1301883 | Soil | 11.4 | 25.2 | 0.29 | 1431  | 0.010  | 4    | 1.05  | 0.008 | 0.07 | 0.1  | 4.8  | 0.37 | 0.08  | 108  | 2.7  | 0.09  | 3.0 |
| 1301884 | Soil | 11.8 | 26.1 | 0.27 | 1753  | 0.008  | 3    | 1.16  | 0.004 | 0.07 | <0.1 | 4.3  | 0.46 | 0.04  | 116  | 1.6  | 0.09  | 3.8 |
| 1301885 | Soil | 13.3 | 24.1 | 0.23 | 1380  | 0.007  | 3    | 1.00  | 0.006 | 0.07 | 0.1  | 4.0  | 0.38 | 0.06  | 156  | 2.6  | 0.07  | 2.9 |
| 1301886 | Soil | 3.8  | 13.2 | 0.15 | 298.7 | 0.002  | 2    | 0.74  | 0.002 | 0.07 | <0.1 | 2.6  | 0.16 | <0.02 | 25   | 0.3  | 0.09  | 2.3 |
| 1301887 | Soil | 4.4  | 14.9 | 0.13 | 196.7 | 0.003  | <1   | 0.93  | 0.004 | 0.06 | <0.1 | 2.1  | 0.32 | 0.03  | 18   | 0.6  | 0.05  | 3.3 |
| 1301888 | Soil | 1.9  | 8.9  | 0.03 | 534.5 | <0.001 | 2    | 0.46  | 0.023 | 0.12 | <0.1 | 2.2  | 0.98 | 0.25  | 98   | 4.6  | 0.08  | 1.8 |
| 1301889 | Soil | 12.3 | 25.2 | 0.40 | 1557  | 0.009  | 2    | 1.43  | 0.008 | 0.06 | 0.1  | 3.9  | 0.22 | 0.04  | 88   | 1.4  | 0.05  | 4.0 |
| 1301890 | Soil | 1.1  | 5.7  | 0.02 | 276.4 | <0.001 | 2    | 0.21  | 0.027 | 0.15 | <0.1 | 2.3  | 2.13 | 0.43  | 94   | 8.4  | 0.13  | 1.0 |
| 1301891 | Soil | 1.1  | 13.0 | 0.04 | 997.2 | <0.001 | 2    | 1.27  | 0.007 | 0.07 | <0.1 | 5.6  | 1.51 | 0.14  | 158  | 7.0  | 0.11  | 0.9 |
| 1301892 | Soil | 7.7  | 25.0 | 2.17 | 479.4 | 0.011  | 2    | 1.78  | 0.008 | 0.06 | 0.1  | 4.5  | 0.26 | 0.03  | 45   | 1.3  | 0.04  | 3.8 |
| 1301893 | Soil | 7.3  | 23.5 | 2.01 | 662.1 | 0.011  | 3    | 1.34  | 0.008 | 0.07 | 0.1  | 3.5  | 0.38 | <0.02 | 52   | 0.5  | 0.04  | 3.5 |
| 1301894 | Soil | 10.7 | 28.8 | 0.88 | 1091  | 0.013  | 4    | 1.50  | 0.010 | 0.06 | 0.1  | 4.4  | 0.30 | 0.03  | 65   | 0.8  | 0.04  | 3.6 |
| 1301895 | Soil | 7.1  | 20.2 | 1.19 | 980.0 | 0.012  | 4    | 0.88  | 0.011 | 0.07 | 0.1  | 3.4  | 0.37 | 0.05  | 81   | 1.8  | 0.04  | 2.6 |
| 1301896 | Soil | 4.5  | 14.7 | 0.29 | 1007  | 0.006  | 4    | 0.68  | 0.015 | 0.09 | <0.1 | 2.7  | 1.66 | 0.13  | 171  | 3.1  | 0.18  | 2.0 |
| 1301897 | Soil | 7.7  | 21.3 | 0.84 | 287.0 | 0.010  | <1   | 1.41  | 0.009 | 0.05 | 0.1  | 2.6  | 0.24 | 0.05  | 43   | 0.6  | 0.07  | 3.6 |
| 1301898 | Soil | 13.2 | 35.5 | 1.49 | 483.9 | 0.010  | 2    | 3.35  | 0.003 | 0.05 | <0.1 | 6.0  | 0.39 | 0.03  | 36   | 0.6  | 0.04  | 3.9 |
| 1301899 | Soil | 11.1 | 29.4 | 0.44 | 1342  | 0.028  | 1    | 1.76  | 0.008 | 0.05 | 0.1  | 3.6  | 0.20 | <0.02 | 31   | 0.4  | 0.05  | 4.7 |
| 1301900 | Soil | 13.1 | 32.6 | 0.49 | 323.7 | 0.026  | 1    | 2.30  | 0.007 | 0.05 | 0.2  | 3.9  | 0.19 | <0.02 | 20   | 0.3  | 0.05  | 4.8 |
| 1301901 | Soil | 3.7  | 13.2 | 0.20 | 521.2 | 0.002  | 2    | 0.70  | 0.007 | 0.08 | <0.1 | 3.2  | 0.29 | 0.05  | 146  | 1.0  | 0.09  | 2.4 |
| 1301902 | Soil | 12.0 | 23.0 | 0.35 | 557.5 | 0.005  | 3    | 1.09  | 0.006 | 0.08 | <0.1 | 4.3  | 0.23 | 0.03  | 131  | 0.8  | 0.06  | 2.8 |
| 1301903 | Soil | 7.0  | 17.5 | 2.43 | 1579  | 0.006  | 3    | 0.93  | 0.005 | 0.10 | <0.1 | 6.7  | 0.29 | 0.04  | 79   | 0.4  | 0.09  | 2.2 |



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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1301904 | Soil    |      |     | 6.59    | 29.99   | 14.18   | 61.2    | 347     | 19.4    | 2.7     | 46      | 2.04    | 15.2    | 1.0    | 1.8     | 1.8     | 18.3    | 0.61    | 2.00    | 0.20    | 43     | 0.13    | 0.030  |
| 1301905 | Soil    |      |     | 6.72    | 24.94   | 11.40   | 79.7    | 397     | 23.5    | 3.2     | 64      | 2.16    | 12.1    | 1.1    | 0.9     | 1.1     | 28.5    | 0.32    | 2.40    | 0.19    | 39     | 0.10    | 0.035  |
| 1301906 | Soil    |      |     | 5.90    | 26.88   | 13.03   | 60.8    | 306     | 17.1    | 2.6     | 49      | 1.91    | 13.3    | 1.0    | 2.6     | 1.3     | 9.9     | 0.25    | 1.94    | 0.19    | 38     | 0.06    | 0.024  |
| 1301907 | Soil    |      |     | 8.90    | 26.61   | 49.71   | 32.5    | 321     | 9.7     | 1.0     | 12      | 3.19    | 37.4    | 1.1    | 1.8     | 0.6     | 68.1    | 0.04    | 2.22    | 0.25    | 32     | 0.02    | 0.062  |
| 1301908 | Soil    |      |     | 8.84    | 18.83   | 25.84   | 25.8    | 135     | 9.1     | 1.0     | 12      | 1.37    | 10.9    | 0.4    | 0.6     | 0.6     | 5.5     | 0.03    | 1.90    | 0.19    | 27     | 0.02    | 0.012  |
| 1301909 | Soil    |      |     | 8.09    | 17.66   | 10.90   | 40.8    | 100     | 13.6    | 1.4     | 15      | 1.20    | 8.3     | 0.4    | 3.1     | 0.7     | 6.1     | 0.06    | 2.59    | 0.18    | 31     | 0.01    | 0.008  |
| 1301910 | Soil    |      |     | 8.36    | 43.75   | 18.62   | 86.7    | 399     | 40.2    | 13.2    | 266     | 5.68    | 19.4    | 0.4    | 3.8     | 1.2     | 97.5    | 0.37    | 1.67    | 0.30    | 47     | 0.96    | 0.031  |
| 1301911 | Soil    |      |     | 7.89    | 8.27    | 8.83    | 31.9    | 505     | 11.2    | 1.6     | 14      | 0.86    | 6.0     | 0.3    | 1.1     | 0.8     | 3.0     | 0.02    | 1.76    | 0.18    | 51     | 0.01    | 0.005  |
| 1301912 | Soil    |      |     | 9.70    | 8.99    | 9.55    | 19.8    | 48      | 9.1     | 1.1     | 14      | 0.71    | 9.6     | 0.5    | 0.7     | 0.7     | 7.7     | 0.05    | 1.61    | 0.18    | 23     | 0.02    | 0.005  |
| 1301913 | Soil    |      |     | 16.74   | 30.63   | 17.45   | 31.4    | 452     | 14.5    | 1.4     | 11      | 2.30    | 35.9    | 1.1    | 0.9     | 0.5     | 15.3    | 0.10    | 2.50    | 0.23    | 45     | 0.02    | 0.024  |
| 1301914 | Soil    |      |     | 13.26   | 32.41   | 21.27   | 28.0    | 840     | 12.6    | 0.7     | 10      | 1.73    | 18.0    | 2.5    | 0.7     | 0.2     | 58.9    | 0.39    | 4.28    | 0.19    | 66     | 0.23    | 0.040  |
| 1301915 | Soil    |      |     | 37.22   | 23.25   | 19.06   | 19.6    | 441     | 5.3     | 0.5     | 11      | 3.86    | 95.5    | 1.6    | 2.4     | 0.8     | 49.9    | 0.09    | 7.87    | 0.27    | 252    | 0.01    | 0.193  |
| 1301916 | Soil    |      |     | 11.13   | 46.50   | 9.53    | 19.1    | 462     | 11.2    | 0.4     | 4       | 1.35    | 6.3     | 2.6    | 1.3     | 0.5     | 57.9    | 0.14    | 2.60    | 0.17    | 35     | 0.25    | 0.027  |
| 1301917 | Soil    |      |     | 27.36   | 84.73   | 9.48    | 610.7   | 706     | 184.4   | 15.9    | 291     | 2.95    | 26.6    | 4.4    | 0.9     | 1.2     | 94.3    | 9.46    | 5.11    | 0.16    | 175    | 0.09    | 0.052  |
| 1301918 | Soil    |      |     | 11.65   | 54.38   | 17.70   | 526.2   | 2122    | 75.9    | 7.2     | 146     | 1.58    | 16.2    | 7.0    | 1.7     | 1.3     | 110.2   | 10.08   | 15.80   | 0.19    | 109    | 1.98    | 0.053  |
| 1301919 | Soil    |      |     | 7.59    | 57.94   | 23.24   | 208.7   | 530     | 81.6    | 13.7    | 289     | 4.04    | 23.3    | 0.6    | 4.9     | 2.8     | 118.5   | 1.04    | 1.77    | 0.34    | 30     | 1.31    | 0.047  |
| 1301920 | Soil    |      |     | 1.18    | 28.63   | 15.04   | 61.2    | 62      | 21.4    | 5.6     | 69      | 2.37    | 6.1     | 0.2    | 2.1     | 1.6     | 49.1    | 0.05    | 0.73    | 0.24    | 20     | 0.05    | 0.029  |
| 1301921 | Soil    |      |     | 38.13   | 309.2   | 20.90   | 212.4   | 1014    | 107.5   | 16.2    | 65      | 13.38   | 120.5   | 15.6   | 1.7     | 3.8     | 155.3   | 8.43    | 6.43    | 0.23    | 156    | 0.62    | 0.281  |
| 1301922 | Soil    |      |     | 20.70   | 61.53   | 15.42   | 286.7   | 649     | 76.7    | 16.5    | 189     | 4.47    | 46.7    | 4.8    | 1.4     | 1.4     | 105.6   | 2.62    | 4.55    | 0.18    | 97     | 1.01    | 0.109  |
| 1301923 | Soil    |      |     | 17.07   | 28.10   | 24.86   | 23.0    | 645     | 13.9    | 1.2     | 7       | 1.69    | 14.4    | 1.6    | 1.2     | 0.4     | 16.2    | 0.12    | 3.78    | 0.19    | 72     | 0.07    | 0.023  |
| 1301924 | Soil    |      |     | 15.11   | 30.73   | 16.60   | 59.8    | 626     | 22.4    | 2.1     | 20      | 1.94    | 15.9    | 1.5    | 1.6     | 0.5     | 32.4    | 0.51    | 3.58    | 0.21    | 59     | 0.06    | 0.033  |
| 1301925 | Soil    |      |     | 11.46   | 43.37   | 16.80   | 47.5    | 553     | 15.1    | 1.7     | 17      | 2.70    | 15.4    | 1.2    | 2.2     | 0.6     | 18.3    | 0.19    | 2.88    | 0.26    | 48     | 0.04    | 0.033  |
| 1301926 | Soil    |      |     | 8.10    | 42.61   | 15.08   | 21.9    | 265     | 7.2     | 0.6     | 10      | 2.48    | 24.3    | 1.2    | 1.1     | 0.8     | 26.6    | 0.06    | 1.68    | 0.26    | 50     | 0.02    | 0.035  |
| 1301927 | Soil    |      |     | 15.64   | 88.29   | 17.34   | 177.3   | 834     | 47.4    | 12.2    | 58      | 6.26    | 35.2    | 3.5    | 2.3     | 1.2     | 78.2    | 0.88    | 4.32    | 0.22    | 63     | 0.09    | 0.090  |
| 1301928 | Soil    |      |     | 41.50   | 81.99   | 26.01   | 64.5    | 259     | 9.6     | 1.4     | 12      | 9.50    | 100.1   | 1.2    | 2.8     | 1.0     | 107.6   | 0.10    | 2.64    | 0.41    | 161    | <0.01   | 0.087  |
| 1301929 | Soil    |      |     | 13.56   | 31.11   | 36.67   | 47.2    | 382     | 13.4    | 1.5     | 14      | 2.20    | 15.9    | 1.1    | 1.0     | 0.5     | 23.3    | 0.19    | 2.89    | 0.25    | 35     | 0.01    | 0.019  |
| 1301930 | Soil    |      |     | 10.30   | 44.01   | 40.44   | 39.5    | 420     | 15.1    | 1.4     | 17      | 2.25    | 19.0    | 1.2    | 1.4     | 0.6     | 19.4    | 0.18    | 2.38    | 0.25    | 45     | 0.04    | 0.029  |
| 1301931 | Soil    |      |     | 13.21   | 31.51   | 18.23   | 96.7    | 804     | 19.2    | 1.9     | 29      | 2.52    | 20.9    | 1.2    | 0.5     | 0.6     | 41.0    | 0.34    | 3.24    | 0.26    | 53     | 0.04    | 0.028  |
| 1301932 | Soil    |      |     | 10.67   | 12.59   | 22.09   | 45.2    | 518     | 13.1    | 1.6     | 20      | 1.00    | 17.3    | 0.9    | 1.2     | 0.8     | 36.1    | 0.39    | 2.87    | 0.24    | 28     | 0.18    | 0.016  |
| 1301933 | Soil    |      |     | 0.65    | 16.65   | 16.43   | 91.1    | 213     | 16.6    | 8.7     | 272     | 1.57    | 4.6     | 6.4    | 1.2     | 1.2     | 25.7    | 0.76    | 1.12    | 0.14    | 42     | 0.99    | 0.108  |





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 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1301904 | Soil    | 5.4  | 14.2 | 0.15 | 718.1 | 0.004  | 2    | 0.65 | 0.004 | 0.07 | <0.1 | 3.0  | 0.42 | 0.02  | 83   | 2.0  | 0.05 | 1.9 |
| 1301905 | Soil    | 2.8  | 10.0 | 0.10 | 921.1 | 0.002  | 2    | 0.44 | 0.005 | 0.07 | <0.1 | 1.5  | 0.52 | 0.05  | 42   | 2.4  | 0.05 | 1.4 |
| 1301906 | Soil    | 4.7  | 11.9 | 0.11 | 253.6 | 0.003  | 2    | 0.62 | 0.003 | 0.07 | <0.1 | 1.9  | 0.43 | <0.02 | 60   | 1.7  | 0.08 | 1.8 |
| 1301907 | Soil    | 1.7  | 12.3 | 0.03 | 368.2 | 0.001  | 3    | 0.36 | 0.059 | 0.12 | <0.1 | 2.3  | 0.60 | 0.38  | 120  | 3.1  | 0.11 | 1.6 |
| 1301908 | Soil    | 1.7  | 6.1  | 0.03 | 153.1 | <0.001 | 2    | 0.39 | 0.003 | 0.07 | <0.1 | 1.1  | 0.43 | 0.02  | 42   | 3.2  | 0.06 | 1.2 |
| 1301909 | Soil    | 1.5  | 5.0  | 0.02 | 220.2 | <0.001 | 2    | 0.31 | 0.003 | 0.07 | <0.1 | 1.3  | 0.25 | <0.02 | 16   | 3.6  | 0.09 | 1.0 |
| 1301910 | Soil    | 2.3  | 12.1 | 0.35 | 668.2 | <0.001 | 4    | 0.43 | 0.008 | 0.11 | <0.1 | 7.3  | 1.05 | 0.21  | 140  | 2.2  | 0.16 | 1.3 |
| 1301911 | Soil    | 2.3  | 5.8  | 0.02 | 203.0 | 0.001  | 1    | 0.52 | 0.002 | 0.08 | <0.1 | 0.8  | 0.26 | <0.02 | 15   | 1.7  | 0.08 | 1.8 |
| 1301912 | Soil    | 1.7  | 4.7  | 0.02 | 222.0 | <0.001 | 2    | 0.29 | 0.004 | 0.08 | <0.1 | 1.1  | 0.54 | <0.02 | 20   | 1.2  | 0.08 | 0.9 |
| 1301913 | Soil    | 1.0  | 6.6  | 0.01 | 602.3 | <0.001 | 3    | 0.32 | 0.004 | 0.08 | <0.1 | 1.6  | 0.89 | 0.07  | 95   | 6.1  | 0.23 | 1.2 |
| 1301914 | Soil    | 1.0  | 10.4 | 0.01 | 396.0 | <0.001 | 5    | 0.26 | 0.008 | 0.16 | <0.1 | 1.7  | 1.88 | 0.43  | 79   | 8.1  | 0.10 | 1.4 |
| 1301915 | Soil    | 1.7  | 17.8 | 0.04 | 332.0 | 0.003  | 3    | 0.77 | 0.018 | 0.10 | <0.1 | 1.9  | 2.65 | 0.30  | 91   | 10.2 | 0.27 | 3.0 |
| 1301916 | Soil    | 0.7  | 5.0  | 0.02 | 421.9 | <0.001 | 5    | 0.17 | 0.006 | 0.15 | <0.1 | 2.2  | 2.28 | 0.36  | 112  | 4.5  | 0.05 | 0.7 |
| 1301917 | Soil    | 2.3  | 15.1 | 0.02 | 424.7 | <0.001 | 4    | 0.44 | 0.055 | 0.10 | <0.1 | 4.9  | 2.82 | 0.43  | 143  | 6.7  | 0.18 | 1.2 |
| 1301918 | Soil    | 2.9  | 9.0  | 0.08 | 1959  | 0.002  | 3    | 0.45 | 0.004 | 0.05 | <0.1 | 2.9  | 1.25 | 0.12  | 108  | 3.7  | 0.11 | 1.3 |
| 1301919 | Soil    | 3.4  | 19.4 | 0.11 | 1238  | <0.001 | 2    | 0.32 | 0.005 | 0.07 | <0.1 | 6.6  | 1.03 | 0.12  | 211  | 3.1  | 0.09 | 0.8 |
| 1301920 | Soil    | 2.1  | 12.0 | 0.03 | 1787  | <0.001 | 2    | 0.35 | 0.004 | 0.07 | <0.1 | 3.8  | 0.08 | 0.10  | 75   | 0.3  | 0.07 | 1.3 |
| 1301921 | Soil    | 2.3  | 59.2 | 0.09 | 213.0 | 0.002  | 4    | 1.25 | 0.007 | 0.11 | <0.1 | 41.6 | 3.52 | 0.44  | 153  | 38.2 | 0.24 | 2.2 |
| 1301922 | Soil    | 2.5  | 16.6 | 0.42 | 421.0 | 0.001  | 4    | 0.47 | 0.020 | 0.10 | <0.1 | 6.4  | 1.54 | 0.30  | 100  | 9.3  | 0.14 | 1.3 |
| 1301923 | Soil    | 1.2  | 7.6  | 0.02 | 465.5 | <0.001 | 3    | 0.33 | 0.002 | 0.06 | <0.1 | 1.5  | 0.98 | 0.04  | 124  | 6.4  | 0.18 | 1.6 |
| 1301924 | Soil    | 1.7  | 8.4  | 0.03 | 925.0 | <0.001 | 3    | 0.38 | 0.004 | 0.07 | <0.1 | 1.6  | 1.06 | 0.07  | 100  | 5.6  | 0.14 | 1.4 |
| 1301925 | Soil    | 2.1  | 9.1  | 0.03 | 575.8 | 0.001  | 2    | 0.46 | 0.004 | 0.08 | <0.1 | 2.7  | 0.94 | 0.06  | 121  | 4.8  | 0.04 | 1.5 |
| 1301926 | Soil    | 2.2  | 13.9 | 0.04 | 625.2 | 0.001  | 3    | 0.48 | 0.009 | 0.08 | <0.1 | 3.5  | 0.59 | 0.12  | 208  | 5.0  | 0.16 | 1.6 |
| 1301927 | Soil    | 1.5  | 14.8 | 0.08 | 151.3 | <0.001 | 2    | 0.47 | 0.029 | 0.11 | <0.1 | 9.2  | 1.32 | 0.60  | 125  | 8.4  | 0.14 | 1.2 |
| 1301928 | Soil    | 0.8  | 25.2 | 0.01 | 119.5 | <0.001 | 7    | 0.40 | 0.022 | 0.40 | <0.1 | 4.0  | 3.23 | 1.26  | 387  | 14.8 | 0.24 | 4.5 |
| 1301929 | Soil    | 1.2  | 6.6  | 0.02 | 426.8 | <0.001 | 3    | 0.32 | 0.005 | 0.09 | <0.1 | 2.0  | 1.21 | 0.17  | 111  | 5.8  | 0.07 | 1.3 |
| 1301930 | Soil    | 1.3  | 8.0  | 0.03 | 296.4 | <0.001 | 4    | 0.40 | 0.003 | 0.08 | <0.1 | 2.1  | 0.73 | 0.07  | 103  | 4.7  | 0.07 | 1.6 |
| 1301931 | Soil    | 0.9  | 7.2  | 0.02 | 445.1 | <0.001 | 3    | 0.29 | 0.006 | 0.17 | <0.1 | 2.3  | 1.69 | 0.40  | 59   | 6.4  | 0.08 | 1.2 |
| 1301932 | Soil    | 1.1  | 6.4  | 0.06 | 541.4 | <0.001 | 6    | 0.23 | 0.005 | 0.11 | <0.1 | 1.7  | 1.33 | 0.13  | 89   | 3.9  | 0.06 | 1.0 |
| 1301933 | Soil    | 7.8  | 16.8 | 0.35 | 1960  | 0.010  | 4    | 0.93 | 0.008 | 0.05 | 0.1  | 2.2  | 0.21 | 0.08  | 69   | 1.0  | 0.04 | 2.9 |

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 Report Date: August 20, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | Unit | MDL | 1F15 Mo | 1F15 Cu | 1F15 Pb | 1F15 Zn | 1F15 Ag | 1F15 Ni | 1F15 Co | 1F15 Mn | 1F15 Fe | 1F15 As | 1F15 U | 1F15 Au | 1F15 Th | 1F15 Sr | 1F15 Cd | 1F15 Sb | 1F15 Bi | 1F15 V | 1F15 Ca | 1F15 P |
|---------|---------|------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
|         |         |      |     | ppm     | ppm     | ppm     | ppm     | ppb     | ppm     | ppm     | ppm     | %       | ppm     | ppm    | ppb     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | %       | %      |
|         |         |      |     | 0.01    | 0.01    | 0.01    | 0.1     | 2       | 0.1     | 0.1     | 1       | 0.01    | 0.1     | 0.1    | 0.2     | 0.1     | 0.5     | 0.01    | 0.02    | 0.02    | 2      | 0.01    | 0.001  |
| 1306001 | Soil    |      |     | 4.12    | 20.30   | 13.33   | 103.1   | 219     | 28.8    | 10.9    | 620     | 2.29    | 12.8    | 1.8    | 5.6     | 0.7     | 28.5    | 0.98    | 1.27    | 0.18    | 65     | 2.01    | 0.080  |
| 1306002 | Soil    |      |     | 7.84    | 42.89   | 26.20   | 153.2   | 369     | 152.4   | 25.6    | 337     | 4.18    | 31.5    | 3.5    | 1.4     | 7.7     | 168.9   | 1.25    | 2.53    | 0.10    | 49     | 7.39    | 0.435  |
| 1306003 | Soil    |      |     | 1.55    | 25.18   | 10.82   | 154.1   | 201     | 47.6    | 7.9     | 292     | 2.13    | 9.8     | 1.5    | 1.2     | 3.9     | 38.9    | 0.93    | 1.33    | 0.12    | 59     | 5.34    | 0.087  |
| 1306004 | Soil    |      |     | 1.99    | 19.25   | 18.52   | 83.7    | 170     | 28.8    | 10.9    | 522     | 2.50    | 10.6    | 0.7    | 9.6     | 1.8     | 26.7    | 0.75    | 0.94    | 0.17    | 51     | 1.94    | 0.066  |
| 1306005 | Soil    |      |     | 2.42    | 9.87    | 9.75    | 86.0    | 144     | 20.5    | 5.9     | 296     | 1.67    | 8.3     | 1.8    | 13.3    | 2.4     | 39.1    | 0.73    | 0.90    | 0.08    | 45     | 6.11    | 0.111  |
| 1306006 | Soil    |      |     | 2.66    | 27.71   | 11.53   | 108.2   | 305     | 35.8    | 10.3    | 353     | 2.28    | 10.5    | 1.8    | 4.1     | 3.2     | 23.6    | 0.74    | 1.32    | 0.16    | 71     | 0.50    | 0.102  |
| 1306007 | Soil    |      |     | 2.37    | 23.70   | 11.17   | 125.8   | 363     | 31.4    | 8.8     | 394     | 2.00    | 8.5     | 1.8    | 2.6     | 3.1     | 24.8    | 1.08    | 1.58    | 0.14    | 68     | 0.53    | 0.108  |
| 1306008 | Soil    |      |     | 11.26   | 37.03   | 11.91   | 449.0   | 829     | 84.8    | 8.1     | 322     | 2.14    | 19.9    | 4.3    | 1.9     | 6.3     | 51.1    | 3.54    | 4.14    | 0.23    | 265    | 1.11    | 0.301  |
| 1306009 | Soil    |      |     | 20.42   | 37.77   | 8.46    | 381.0   | 366     | 80.2    | 4.9     | 73      | 1.53    | 15.4    | 2.9    | 2.2     | 2.4     | 15.0    | 5.23    | 5.95    | 0.13    | 157    | 0.26    | 0.073  |
| 1306010 | Soil    |      |     | 4.70    | 45.47   | 13.68   | 237.1   | 1037    | 49.0    | 5.9     | 165     | 1.69    | 9.5     | 4.3    | 3.0     | 2.7     | 27.9    | 2.54    | 2.79    | 0.17    | 156    | 0.83    | 0.111  |
| 1306011 | Soil    |      |     | 28.72   | 90.06   | 15.15   | 417.6   | 2435    | 88.7    | 6.9     | 169     | 2.08    | 18.5    | 4.0    | 6.4     | 0.5     | 14.9    | 5.43    | 5.12    | 0.21    | 283    | 0.14    | 0.138  |
| 1306012 | Soil    |      |     | 50.16   | 82.14   | 19.47   | 633.1   | 1108    | 124.9   | 11.1    | 285     | 2.66    | 31.7    | 15.7   | 8.2     | 3.1     | 49.3    | 3.87    | 9.94    | 0.20    | 324    | 2.85    | 0.397  |
| 1306013 | Soil    |      |     | 22.81   | 14.87   | 12.40   | 190.9   | 403     | 42.6    | 6.2     | 209     | 1.32    | 22.0    | 11.8   | 2.3     | 1.5     | 107.3   | 1.43    | 3.70    | 0.06    | 54     | 16.99   | 0.147  |
| 1306014 | Soil    |      |     | 53.62   | 28.41   | 23.67   | 520.8   | 340     | 96.8    | 14.7    | 452     | 2.84    | 21.8    | 48.7   | 2.6     | 1.9     | 48.7    | 3.39    | 7.16    | 0.18    | 163    | 3.09    | 0.670  |
| 1306015 | Soil    |      |     | 17.82   | 26.30   | 17.61   | 299.2   | 374     | 79.2    | 12.8    | 459     | 2.70    | 18.9    | 24.0   | 2.0     | 1.6     | 41.8    | 2.84    | 3.84    | 0.16    | 122    | 2.62    | 0.412  |
| 1306016 | Soil    |      |     | 5.24    | 20.20   | 13.37   | 111.5   | 288     | 38.5    | 9.2     | 394     | 2.26    | 13.6    | 6.4    | 4.0     | 2.0     | 39.2    | 0.84    | 1.73    | 0.15    | 77     | 3.36    | 0.147  |
| 1306017 | Soil    |      |     | 3.47    | 20.20   | 11.92   | 104.3   | 362     | 37.8    | 10.2    | 445     | 2.43    | 11.8    | 1.8    | 2.3     | 3.2     | 35.6    | 0.74    | 1.47    | 0.15    | 67     | 2.50    | 0.062  |
| 1306018 | Soil    |      |     | 3.95    | 13.32   | 15.99   | 83.6    | 162     | 28.9    | 7.4     | 302     | 2.48    | 11.9    | 29.9   | 2.2     | 1.6     | 44.0    | 0.30    | 1.27    | 0.18    | 112    | 2.02    | 0.460  |
| 1306019 | Soil    |      |     | 6.13    | 14.10   | 11.10   | 121.9   | 385     | 38.1    | 6.5     | 366     | 1.75    | 15.8    | 40.1   | 1.7     | 3.5     | 79.8    | 0.50    | 2.27    | 0.08    | 83     | 10.24   | 0.837  |
| 1306020 | Soil    |      |     | 7.70    | 30.21   | 13.44   | 289.5   | 511     | 63.2    | 9.4     | 244     | 2.38    | 14.6    | 8.1    | 4.1     | 2.5     | 61.0    | 1.75    | 2.38    | 0.13    | 103    | 5.31    | 0.151  |
| 1306021 | Soil    |      |     | 41.13   | 140.0   | 14.67   | 468.2   | 3957    | 90.0    | 7.6     | 215     | 2.09    | 23.9    | 9.0    | 8.8     | 1.7     | 43.7    | 6.84    | 8.12    | 0.16    | 263    | 4.62    | 0.279  |
| 1306022 | Soil    |      |     | 4.80    | 23.00   | 11.54   | 88.8    | 352     | 31.9    | 8.1     | 420     | 2.11    | 15.3    | 9.9    | 3.8     | 1.8     | 60.3    | 0.61    | 1.66    | 0.13    | 69     | 6.34    | 0.169  |
| 1306023 | Soil    |      |     | 26.49   | 16.22   | 14.43   | 107.0   | 269     | 31.1    | 3.8     | 88      | 1.03    | 20.1    | 12.1   | 1.0     | 3.9     | 94.3    | 0.95    | 2.89    | 0.06    | 31     | 16.24   | 0.131  |
| 1306024 | Soil    |      |     | 15.14   | 11.54   | 8.90    | 59.0    | 327     | 32.2    | 2.1     | 143     | 0.82    | 21.0    | 25.7   | 1.4     | 0.7     | 132.4   | 0.58    | 3.29    | 0.08    | 66     | 18.41   | 0.180  |
| 1306025 | Soil    |      |     | 15.21   | 18.97   | 10.94   | 75.9    | 423     | 30.3    | 3.0     | 104     | 0.89    | 27.4    | 17.1   | 2.2     | 1.4     | 117.4   | 0.67    | 3.36    | 0.05    | 102    | 17.65   | 0.160  |
| 1306026 | Soil    |      |     | 31.01   | 8.77    | 10.56   | 120.7   | 280     | 35.8    | 4.0     | 131     | 0.83    | 23.4    | 12.0   | 0.8     | 1.2     | 128.9   | 1.19    | 3.77    | <0.02   | 77     | 20.69   | 0.075  |
| 1306027 | Soil    |      |     | 22.54   | 34.71   | 9.73    | 406.6   | 639     | 102.0   | 5.7     | 197     | 1.71    | 20.5    | 3.2    | 1.1     | 1.6     | 40.2    | 9.61    | 7.10    | 0.16    | 225    | 1.80    | 0.125  |
| 1306028 | Soil    |      |     | 5.81    | 17.59   | 12.29   | 134.8   | 212     | 37.7    | 8.7     | 252     | 2.87    | 14.6    | 1.1    | 1.6     | 3.2     | 18.1    | 1.10    | 1.91    | 0.18    | 122    | 0.21    | 0.065  |
| 1306029 | Soil    |      |     | 82.77   | 220.3   | 11.46   | 647.9   | 8481    | 121.0   | 3.7     | 53      | 1.19    | 31.9    | 15.7   | 10.4    | 2.8     | 34.9    | 12.04   | 21.76   | 0.22    | 972    | 1.34    | 0.425  |
| 1306030 | Soil    |      |     | 17.38   | 25.19   | 16.53   | 127.0   | 899     | 30.6    | 2.9     | 54      | 1.81    | 16.4    | 3.1    | 3.3     | 1.6     | 99.0    | 1.11    | 4.81    | 0.21    | 93     | 0.75    | 0.081  |



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Project: FACE  
 Report Date: August 20, 2012

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# CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|------|-------|------|------|-------|------|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl   | S     | Hg   | Se   | Te    | Ga   |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   | ppm  |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02  | 0.1  |
| 1306001 | Soil    | 14.1 | 27.3 | 1.06 | 148.5 | 0.022  | 3    | 1.23 | 0.013 | 0.05 | 0.2  | 2.0  | 0.11 | 0.08  | 69   | 0.9  | 0.02  | 3.1  |
| 1306002 | Soil    | 60.9 | 54.8 | 3.34 | 179.2 | 0.003  | 4    | 0.73 | 0.008 | 0.18 | <0.1 | 5.4  | 0.99 | 0.07  | 168  | 1.4  | 0.07  | 2.1  |
| 1306003 | Soil    | 13.7 | 24.0 | 2.94 | 138.2 | 0.038  | 3    | 1.23 | 0.013 | 0.07 | 0.2  | 4.7  | 0.20 | <0.02 | 57   | 0.3  | 0.04  | 3.2  |
| 1306004 | Soil    | 16.1 | 27.5 | 1.25 | 181.1 | 0.032  | 2    | 1.38 | 0.016 | 0.05 | 0.2  | 3.0  | 0.11 | 0.05  | 48   | 0.5  | 0.03  | 3.7  |
| 1306005 | Soil    | 11.5 | 18.1 | 3.21 | 104.0 | 0.030  | 2    | 0.81 | 0.010 | 0.03 | 0.5  | 2.0  | 0.11 | <0.02 | 86   | 0.4  | <0.02 | 2.1  |
| 1306006 | Soil    | 16.5 | 28.0 | 0.48 | 300.2 | 0.030  | 2    | 1.49 | 0.010 | 0.05 | 0.2  | 4.1  | 0.18 | <0.02 | 85   | 0.4  | 0.03  | 4.1  |
| 1306007 | Soil    | 15.5 | 26.3 | 0.50 | 262.0 | 0.030  | 3    | 1.38 | 0.010 | 0.05 | 0.2  | 3.7  | 0.14 | <0.02 | 73   | 0.4  | 0.02  | 4.1  |
| 1306008 | Soil    | 33.9 | 29.5 | 0.22 | 367.6 | 0.008  | 5    | 1.10 | 0.008 | 0.10 | 0.2  | 3.9  | 0.48 | 0.03  | 231  | 1.8  | 0.09  | 3.6  |
| 1306009 | Soil    | 16.9 | 13.3 | 0.06 | 216.4 | 0.005  | 2    | 0.59 | 0.003 | 0.06 | 0.2  | 2.8  | 0.50 | <0.02 | 91   | 1.1  | 0.09  | 1.8  |
| 1306010 | Soil    | 13.7 | 25.0 | 0.31 | 1562  | 0.009  | 4    | 1.17 | 0.008 | 0.05 | 0.1  | 3.5  | 0.30 | 0.05  | 233  | 1.9  | 0.09  | 3.7  |
| 1306011 | Soil    | 12.3 | 37.8 | 0.24 | 367.6 | 0.012  | 2    | 1.56 | 0.006 | 0.08 | 0.2  | 2.2  | 0.51 | 0.04  | 346  | 2.9  | 0.13  | 4.7  |
| 1306012 | Soil    | 19.1 | 40.4 | 1.16 | 396.6 | 0.017  | 5    | 1.53 | 0.015 | 0.14 | 0.2  | 4.6  | 0.59 | 0.05  | 255  | 2.9  | 0.18  | 4.5  |
| 1306013 | Soil    | 5.8  | 9.8  | 7.59 | 102.4 | 0.007  | 2    | 0.36 | 0.012 | 0.06 | <0.1 | 1.6  | 0.56 | 0.03  | 94   | 0.9  | 0.07  | 1.2  |
| 1306014 | Soil    | 20.5 | 40.6 | 1.06 | 1300  | 0.028  | 4    | 1.71 | 0.014 | 0.09 | 0.2  | 3.5  | 0.29 | 0.07  | 205  | 1.5  | 0.06  | 5.7  |
| 1306015 | Soil    | 17.7 | 35.5 | 1.21 | 373.5 | 0.027  | 4    | 1.79 | 0.016 | 0.07 | 0.2  | 3.8  | 0.34 | 0.04  | 108  | 1.1  | 0.06  | 5.1  |
| 1306016 | Soil    | 12.9 | 25.8 | 1.91 | 237.8 | 0.025  | 3    | 1.35 | 0.014 | 0.06 | 0.2  | 3.2  | 0.24 | 0.04  | 53   | 0.7  | 0.04  | 3.9  |
| 1306017 | Soil    | 14.1 | 28.1 | 1.70 | 257.6 | 0.030  | 2    | 1.53 | 0.016 | 0.07 | 0.2  | 4.3  | 0.22 | 0.04  | 90   | 0.7  | 0.02  | 4.1  |
| 1306018 | Soil    | 14.3 | 35.3 | 0.66 | 355.0 | 0.024  | 2    | 2.11 | 0.010 | 0.05 | 0.1  | 3.4  | 0.22 | 0.04  | 49   | 0.5  | 0.03  | 6.0  |
| 1306019 | Soil    | 19.7 | 29.4 | 4.39 | 299.6 | 0.019  | 3    | 1.41 | 0.013 | 0.10 | 0.1  | 3.7  | 0.56 | 0.03  | 69   | 1.2  | 0.07  | 3.0  |
| 1306020 | Soil    | 8.6  | 24.7 | 2.49 | 2543  | 0.008  | 2    | 0.98 | 0.008 | 0.08 | <0.1 | 4.5  | 0.27 | 0.07  | 99   | 0.8  | 0.05  | 3.0  |
| 1306021 | Soil    | 13.1 | 24.0 | 2.05 | 499.6 | 0.009  | 5    | 0.89 | 0.009 | 0.16 | 0.1  | 4.9  | 0.69 | 0.06  | 528  | 6.2  | 0.13  | 2.9  |
| 1306022 | Soil    | 11.8 | 21.2 | 3.13 | 183.2 | 0.021  | 2    | 1.23 | 0.013 | 0.06 | 0.1  | 3.0  | 0.16 | 0.04  | 77   | 0.7  | 0.04  | 3.2  |
| 1306023 | Soil    | 6.9  | 8.4  | 7.07 | 58.1  | <0.001 | 3    | 0.14 | 0.010 | 0.07 | <0.1 | 1.6  | 0.24 | 0.03  | 52   | 1.1  | 0.05  | 0.5  |
| 1306024 | Soil    | 4.4  | 4.2  | 7.75 | 68.4  | 0.001  | 3    | 0.14 | 0.010 | 0.06 | <0.1 | 0.8  | 0.28 | <0.02 | 63   | 1.0  | 0.13  | 0.5  |
| 1306025 | Soil    | 6.0  | 5.3  | 7.48 | 53.3  | 0.002  | 2    | 0.18 | 0.009 | 0.07 | <0.1 | 1.2  | 0.36 | <0.02 | 63   | 0.9  | <0.02 | 0.6  |
| 1306026 | Soil    | 5.4  | 5.5  | 9.10 | 309.6 | 0.001  | 3    | 0.12 | 0.008 | 0.04 | <0.1 | 1.2  | 0.32 | <0.02 | 47   | 0.4  | 0.05  | 0.4  |
| 1306027 | Soil    | 20.1 | 17.7 | 0.06 | 173.5 | 0.007  | 5    | 0.48 | 0.006 | 0.07 | 0.2  | 3.4  | 0.75 | 0.04  | 304  | 2.3  | 0.12  | 1.8  |
| 1306028 | Soil    | 13.8 | 28.1 | 0.41 | 207.0 | 0.030  | 2    | 1.96 | 0.006 | 0.05 | 0.2  | 2.9  | 0.21 | <0.02 | 60   | 0.5  | 0.10  | 5.2  |
| 1306029 | Soil    | 14.2 | 78.9 | 0.15 | 220.0 | 0.005  | 7    | 0.73 | 0.006 | 0.29 | 0.3  | 4.8  | 0.84 | 0.04  | 874  | 8.4  | 0.36  | 4.4  |
| 1306030 | Soil    | 4.7  | 10.0 | 0.04 | 1294  | <0.001 | 4    | 0.33 | 0.011 | 0.09 | <0.1 | 2.1  | 0.70 | 0.14  | 312  | 6.3  | 0.16  | 1.5  |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  |
|---------|------|-------|-------|-------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|-------|-------|
| Analyte | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U     | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V    | Ca   | P     |       |
| Unit    | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm   | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  | %    | %     |       |
| MDL     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1   | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | 2    | 0.01 | 0.001 |       |
| 1306031 | Soil | 2.24  | 39.85 | 13.72 | 154.2 | 590  | 41.2  | 7.1  | 160  | 1.77 | 7.5   | 4.8  | 4.9  | 2.9  | 33.0  | 1.75 | 1.88 | 0.19 | 86   | 1.31  | 0.143 |
| 1306032 | Soil | 9.80  | 26.18 | 18.32 | 101.5 | 805  | 38.6  | 4.8  | 82   | 1.19 | 15.0  | 2.2  | 3.4  | 0.7  | 88.2  | 2.11 | 2.45 | 0.19 | 68   | 0.43  | 0.070 |
| 1306033 | Soil | 5.80  | 7.95  | 12.93 | 40.8  | 745  | 9.6   | 1.9  | 39   | 1.44 | 14.4  | 0.4  | 1.8  | 0.4  | 31.3  | 0.42 | 2.19 | 0.14 | 88   | 0.09  | 0.041 |
| 1306034 | Soil | 13.53 | 40.69 | 9.93  | 43.4  | 900  | 21.1  | 1.2  | 15   | 2.07 | 26.3  | 2.4  | 3.4  | 0.7  | 114.6 | 0.71 | 3.51 | 0.17 | 81   | 0.19  | 0.063 |
| 1306035 | Soil | 11.60 | 54.19 | 18.33 | 333.7 | 1041 | 79.8  | 6.9  | 248  | 2.27 | 20.9  | 1.9  | 3.4  | 1.9  | 80.7  | 4.40 | 3.76 | 0.14 | 103  | 0.32  | 0.090 |
| 1306036 | Soil | 17.73 | 22.60 | 24.74 | 51.3  | 682  | 12.8  | 1.6  | 13   | 3.69 | 26.1  | 1.0  | 2.4  | 1.3  | 94.9  | 0.20 | 1.75 | 0.31 | 40   | 0.03  | 0.049 |
| 1306037 | Soil | 39.97 | 73.57 | 24.31 | 115.4 | 1200 | 45.3  | 4.6  | 111  | 7.36 | 128.2 | 2.4  | 15.3 | 4.4  | 259.8 | 0.64 | 7.11 | 0.32 | 226  | 0.05  | 0.258 |
| 1306038 | Soil | 3.11  | 20.33 | 11.67 | 98.5  | 247  | 31.1  | 11.0 | 220  | 2.00 | 6.7   | 0.9  | 1.9  | 1.5  | 22.2  | 0.50 | 0.92 | 0.14 | 73   | 0.39  | 0.071 |
| 1306039 | Soil | 4.54  | 19.39 | 16.60 | 106.2 | 61   | 30.3  | 8.0  | 244  | 4.07 | 17.0  | 0.5  | 2.1  | 2.1  | 10.9  | 0.34 | 1.87 | 0.19 | 113  | 0.07  | 0.032 |
| 1306040 | Soil | 2.66  | 34.20 | 15.64 | 135.3 | 111  | 49.2  | 12.3 | 227  | 2.57 | 8.8   | 0.9  | 1.7  | 2.5  | 14.2  | 1.06 | 1.08 | 0.13 | 43   | 0.10  | 0.035 |
| 1306041 | Soil | 2.61  | 21.18 | 22.26 | 109.5 | 76   | 54.8  | 13.1 | 470  | 2.90 | 11.2  | 3.0  | 0.8  | 4.0  | 14.3  | 1.50 | 0.99 | 0.12 | 67   | 0.50  | 0.163 |
| 1306101 | Soil | 3.43  | 12.93 | 21.06 | 115.6 | 183  | 32.3  | 8.4  | 316  | 2.46 | 10.1  | 1.5  | 1.2  | 1.6  | 16.2  | 0.82 | 0.80 | 0.13 | 69   | 1.82  | 0.081 |
| 1306102 | Soil | 3.74  | 12.35 | 17.26 | 97.6  | 145  | 29.8  | 8.4  | 208  | 2.78 | 11.9  | 0.6  | 3.8  | 2.6  | 10.6  | 0.52 | 1.04 | 0.18 | 99   | 0.12  | 0.028 |
| 1306103 | Soil | 2.69  | 17.44 | 13.71 | 84.5  | 129  | 37.1  | 11.5 | 337  | 2.74 | 12.0  | 0.8  | 1.6  | 3.3  | 17.0  | 0.49 | 0.99 | 0.15 | 82   | 0.35  | 0.032 |
| 1306104 | Soil | 1.03  | 23.52 | 14.81 | 96.5  | 332  | 32.4  | 8.8  | 150  | 2.26 | 10.9  | 1.0  | 2.6  | 2.9  | 23.2  | 0.72 | 0.91 | 0.12 | 69   | 3.18  | 0.082 |
| 1306105 | Soil | 12.81 | 30.63 | 13.69 | 136.9 | 749  | 43.4  | 4.9  | 98   | 2.12 | 19.8  | 2.6  | 4.3  | 1.2  | 64.9  | 0.52 | 4.59 | 0.20 | 131  | 0.59  | 0.047 |
| 1306106 | Soil | 3.93  | 20.88 | 12.27 | 80.1  | 460  | 25.3  | 5.2  | 344  | 1.59 | 14.1  | 1.8  | 3.7  | 0.9  | 33.8  | 0.70 | 2.15 | 0.11 | 63   | 1.17  | 0.065 |
| 1306107 | Soil | 2.22  | 36.25 | 13.36 | 117.8 | 613  | 40.8  | 7.2  | 187  | 1.78 | 8.2   | 1.3  | 4.3  | 2.9  | 46.6  | 1.64 | 2.41 | 0.14 | 70   | 1.00  | 0.063 |
| 1306108 | Soil | 5.90  | 43.85 | 20.03 | 175.2 | 436  | 52.7  | 7.8  | 136  | 2.12 | 14.3  | 1.5  | 2.6  | 1.8  | 27.8  | 2.19 | 2.07 | 0.13 | 63   | 0.23  | 0.048 |
| 1306109 | Soil | 7.62  | 134.3 | 16.91 | 272.7 | 422  | 133.3 | 9.6  | 122  | 4.48 | 54.3  | 10.8 | 6.0  | 2.4  | 30.4  | 2.99 | 2.35 | 0.12 | 113  | 0.37  | 0.190 |
| 1306110 | Soil | 4.02  | 32.00 | 13.15 | 60.1  | 341  | 19.9  | 3.4  | 27   | 1.85 | 11.8  | 0.5  | 3.6  | 0.9  | 15.7  | 0.47 | 1.70 | 0.16 | 34   | 0.09  | 0.018 |
| 1306111 | Soil | 10.72 | 38.19 | 14.20 | 137.5 | 404  | 48.3  | 6.2  | 60   | 2.65 | 26.4  | 1.1  | 2.9  | 0.8  | 35.7  | 0.75 | 3.73 | 0.16 | 53   | 0.03  | 0.034 |
| 1306112 | Soil | 23.05 | 30.40 | 8.43  | 19.9  | 796  | 16.0  | 0.5  | 7    | 1.99 | 36.5  | 3.3  | 1.8  | 0.3  | 94.2  | 0.50 | 3.77 | 0.10 | 107  | 0.17  | 0.048 |
| 1306113 | Soil | 13.27 | 58.33 | 7.05  | 7.3   | 370  | 10.6  | 0.4  | 2    | 1.02 | 9.1   | 1.7  | 2.9  | 0.4  | 39.4  | 0.21 | 1.64 | 0.08 | 85   | 0.05  | 0.010 |
| 1306114 | Soil | 10.93 | 28.26 | 8.78  | 18.2  | 466  | 12.6  | 0.9  | 9    | 1.09 | 12.6  | 2.1  | 2.4  | 0.8  | 48.3  | 0.35 | 2.70 | 0.10 | 82   | 0.03  | 0.021 |
| 1306115 | Soil | 4.40  | 60.08 | 7.93  | 425.2 | 642  | 73.3  | 14.1 | 866  | 3.84 | 14.6  | 1.3  | 4.4  | 1.0  | 337.3 | 9.52 | 1.73 | 0.17 | 43   | 5.48  | 0.019 |
| 1306116 | Soil | 13.73 | 13.71 | 9.86  | 43.7  | 302  | 12.5  | 1.0  | 8    | 0.99 | 18.6  | 0.7  | 0.6  | 0.7  | 36.8  | 0.36 | 2.43 | 0.08 | 94   | 0.25  | 0.024 |
| 1306117 | Soil | 7.79  | 22.59 | 21.14 | 54.6  | 597  | 13.4  | 1.7  | 30   | 1.29 | 15.5  | 3.1  | 3.3  | 0.3  | 55.3  | 1.32 | 2.03 | 0.16 | 141  | 0.15  | 0.075 |
| 1306118 | Soil | 17.07 | 17.63 | 62.80 | 20.8  | 201  | 8.3   | 0.7  | 12   | 2.31 | 23.1  | 2.7  | 3.2  | 0.4  | 58.8  | 0.25 | 1.64 | 0.13 | 76   | <0.01 | 0.035 |
| 1306119 | Soil | 6.86  | 31.37 | 18.02 | 21.3  | 2132 | 10.6  | 0.4  | 4    | 0.71 | 3.0   | 7.2  | 2.1  | 0.3  | 80.0  | 2.96 | 4.03 | 0.15 | 141  | 0.06  | 0.130 |

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Project: FACE  
 Report Date: August 20, 2012

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CERTIFICATE OF ANALYSIS

DAW12000183.2

| Method  | Analyte | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 |     |
|---------|---------|------|------|------|-------|--------|------|------|-------|------|------|------|-------|-------|------|------|------|-----|
|         |         | La   | Cr   | Mg   | Ba    | Ti     | B    | Al   | Na    | K    | W    | Sc   | Tl    | S     | Hg   | Se   | Te   | Ga  |
| Unit    |         | ppm  | ppm  | %    | ppm   | %      | ppm  | %    | %     | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm  |     |
| MDL     |         | 0.5  | 0.5  | 0.01 | 0.5   | 0.001  | 1    | 0.01 | 0.001 | 0.01 | 0.1  | 0.1  | 0.02  | 0.02  | 5    | 0.1  | 0.02 | 0.1 |
| 1306031 | Soil    | 11.3 | 23.2 | 0.62 | 1165  | 0.025  | 5    | 0.97 | 0.015 | 0.08 | 0.2  | 3.6  | 0.37  | 0.05  | 85   | 1.3  | 0.07 | 3.1 |
| 1306032 | Soil    | 2.5  | 11.8 | 0.14 | 1166  | 0.003  | 4    | 0.73 | 0.021 | 0.09 | <0.1 | 2.1  | 1.40  | 0.22  | 65   | 4.0  | 0.08 | 2.1 |
| 1306033 | Soil    | 3.8  | 11.4 | 0.05 | 803.4 | 0.011  | 2    | 0.66 | 0.014 | 0.05 | <0.1 | 1.1  | 0.90  | 0.10  | 32   | 2.5  | 0.06 | 3.5 |
| 1306034 | Soil    | 2.6  | 10.5 | 0.04 | 434.5 | <0.001 | 4    | 0.29 | 0.078 | 0.09 | <0.1 | 2.1  | 2.69  | 0.48  | 94   | 6.4  | 0.14 | 1.3 |
| 1306035 | Soil    | 5.3  | 18.8 | 0.12 | 618.4 | 0.005  | 4    | 0.67 | 0.032 | 0.10 | <0.1 | 3.7  | 1.74  | 0.28  | 72   | 4.9  | 0.08 | 1.7 |
| 1306036 | Soil    | 1.7  | 14.3 | 0.02 | 97.5  | <0.001 | 6    | 0.29 | 0.175 | 0.27 | <0.1 | 3.9  | 3.94  | 1.26  | 65   | 4.7  | 0.11 | 1.8 |
| 1306037 | Soil    | 7.6  | 43.2 | 0.09 | 52.5  | 0.010  | 5    | 1.26 | 0.273 | 0.36 | 0.1  | 8.9  | 11.97 | 1.94  | 186  | 26.1 | 0.58 | 7.5 |
| 1306038 | Soil    | 5.7  | 26.3 | 0.38 | 629.8 | 0.007  | 3    | 1.18 | 0.007 | 0.07 | <0.1 | 2.9  | 0.22  | 0.04  | 45   | 0.6  | 0.05 | 3.8 |
| 1306039 | Soil    | 7.2  | 32.8 | 0.33 | 191.4 | 0.020  | 2    | 1.82 | 0.004 | 0.08 | 0.2  | 3.0  | 0.32  | 0.03  | 22   | 1.0  | 0.07 | 6.6 |
| 1306040 | Soil    | 7.4  | 27.3 | 0.42 | 557.9 | 0.010  | 2    | 1.17 | 0.004 | 0.07 | <0.1 | 3.6  | 0.15  | <0.02 | 45   | 0.5  | 0.04 | 3.7 |
| 1306041 | Soil    | 9.7  | 38.6 | 0.45 | 221.4 | 0.010  | 3    | 2.87 | 0.002 | 0.09 | <0.1 | 5.3  | 0.30  | 0.03  | 29   | 0.3  | 0.06 | 3.8 |
| 1306101 | Soil    | 8.0  | 28.5 | 1.04 | 233.6 | 0.008  | 3    | 1.79 | 0.005 | 0.07 | <0.1 | 3.6  | 0.23  | 0.03  | 27   | 0.5  | 0.05 | 4.3 |
| 1306102 | Soil    | 9.5  | 29.7 | 0.26 | 438.2 | 0.019  | 2    | 1.90 | 0.004 | 0.05 | 0.1  | 2.9  | 0.29  | <0.02 | 22   | 0.5  | 0.06 | 6.7 |
| 1306103 | Soil    | 10.9 | 36.5 | 0.59 | 317.7 | 0.028  | 3    | 2.15 | 0.009 | 0.07 | 0.1  | 4.3  | 0.25  | 0.03  | 26   | 0.6  | 0.03 | 5.3 |
| 1306104 | Soil    | 9.8  | 30.0 | 2.02 | 560.9 | 0.019  | 4    | 1.45 | 0.010 | 0.09 | <0.1 | 4.5  | 0.17  | 0.02  | 48   | 0.3  | 0.05 | 3.8 |
| 1306105 | Soil    | 3.3  | 11.9 | 0.18 | 943.6 | 0.006  | 5    | 0.62 | 0.013 | 0.12 | <0.1 | 3.7  | 1.17  | 0.23  | 109  | 2.8  | 0.06 | 2.0 |
| 1306106 | Soil    | 4.6  | 17.1 | 0.35 | 1282  | 0.008  | 5    | 0.70 | 0.010 | 0.08 | <0.1 | 2.8  | 0.88  | 0.13  | 108  | 1.6  | 0.04 | 2.4 |
| 1306107 | Soil    | 9.5  | 23.8 | 0.50 | 1002  | 0.028  | 5    | 0.96 | 0.013 | 0.08 | 0.1  | 3.9  | 0.54  | 0.08  | 80   | 4.7  | 0.06 | 3.1 |
| 1306108 | Soil    | 7.1  | 18.8 | 0.22 | 1207  | 0.009  | 3    | 0.82 | 0.005 | 0.07 | <0.1 | 4.6  | 0.41  | 0.04  | 71   | 1.3  | 0.03 | 2.3 |
| 1306109 | Soil    | 5.1  | 41.1 | 0.21 | 2232  | 0.006  | 5    | 2.86 | 0.002 | 0.08 | <0.1 | 33.2 | 0.59  | 0.09  | 82   | 3.2  | 0.07 | 2.9 |
| 1306110 | Soil    | 1.9  | 12.9 | 0.06 | 438.2 | <0.001 | 4    | 0.53 | 0.004 | 0.10 | <0.1 | 3.1  | 0.18  | 0.02  | 114  | 3.0  | 0.09 | 1.6 |
| 1306111 | Soil    | 1.6  | 10.7 | 0.04 | 433.4 | <0.001 | 4    | 0.46 | 0.011 | 0.12 | <0.1 | 2.9  | 0.92  | 0.26  | 62   | 5.2  | 0.15 | 1.6 |
| 1306112 | Soil    | 0.8  | 11.5 | 0.04 | 325.4 | <0.001 | 6    | 0.26 | 0.051 | 0.14 | <0.1 | 2.6  | 3.15  | 0.50  | 96   | 8.1  | 0.16 | 1.6 |
| 1306113 | Soil    | 0.8  | 5.0  | 0.02 | 686.4 | <0.001 | 4    | 0.23 | 0.016 | 0.09 | <0.1 | 2.4  | 2.76  | 0.27  | 85   | 4.3  | 0.08 | 0.8 |
| 1306114 | Soil    | 1.4  | 8.2  | 0.03 | 759.4 | 0.001  | 3    | 0.44 | 0.029 | 0.09 | <0.1 | 2.0  | 1.81  | 0.20  | 56   | 3.7  | 0.06 | 1.6 |
| 1306115 | Soil    | 1.6  | 10.7 | 2.90 | 1740  | <0.001 | 6    | 0.49 | 0.017 | 0.08 | <0.1 | 3.9  | 1.25  | 0.13  | 254  | 2.0  | 0.08 | 0.8 |
| 1306116 | Soil    | 1.8  | 8.2  | 0.06 | 786.4 | 0.001  | 3    | 0.29 | 0.023 | 0.08 | <0.1 | 1.0  | 1.27  | 0.20  | 35   | 3.1  | 0.10 | 1.7 |
| 1306117 | Soil    | 4.8  | 14.2 | 0.11 | 1109  | 0.005  | 3    | 0.82 | 0.004 | 0.07 | <0.1 | 1.5  | 1.11  | 0.05  | 163  | 1.7  | 0.04 | 2.9 |
| 1306118 | Soil    | 1.0  | 6.7  | 0.01 | 265.7 | 0.002  | 6    | 0.28 | 0.032 | 0.26 | <0.1 | 0.9  | 2.63  | 0.78  | 34   | 3.5  | 0.08 | 1.5 |
| 1306119 | Soil    | 3.4  | 12.1 | 0.02 | 775.6 | 0.003  | 5    | 0.56 | 0.005 | 0.08 | <0.1 | 1.4  | 0.95  | 0.08  | 168  | 5.4  | 0.06 | 2.1 |

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Project: FACE  
Report Date: August 20, 2012

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Part: 1 of 2

## QUALITY CONTROL REPORT

## DAW12000183.2

| Method              |          | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  |  |
|---------------------|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|-------|--|
| Analyte             |          | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au    | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   | P     |  |
| Unit                |          | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb   | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    | %     |  |
| MDL                 |          | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 | 0.001 |  |
| Pulp Duplicates     |          |       |       |       |       |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |       |  |
| 1298012             | Soil     | 3.06  | 8.38  | 10.20 | 90.1  | 51   | 30.8 | 2.7  | 56   | 0.92 | 5.7  | 0.4  | 0.8   | 0.6  | 11.0 | 0.12 | 1.21 | 0.06 | 53   | 0.06 | 0.013 |  |
| REP 1298012         | QC       | 2.95  | 8.47  | 10.11 | 89.6  | 47   | 31.5 | 2.7  | 56   | 0.91 | 6.0  | 0.4  | 0.7   | 0.6  | 11.2 | 0.11 | 1.18 | 0.06 | 53   | 0.06 | 0.013 |  |
| 1298023             | Soil     | 3.24  | 42.49 | 35.59 | 94.4  | 309  | 39.2 | 13.4 | 203  | 2.42 | 12.3 | 0.5  | 1.9   | 0.5  | 75.6 | 0.42 | 1.32 | 0.39 | 34   | 0.06 | 0.064 |  |
| REP 1298023         | QC       | 3.32  | 43.50 | 36.77 | 96.1  | 318  | 41.0 | 13.6 | 215  | 2.51 | 12.5 | 0.5  | 1.7   | 0.5  | 79.5 | 0.40 | 1.38 | 0.40 | 37   | 0.06 | 0.069 |  |
| 1298048             | Soil     | 14.62 | 25.26 | 16.76 | 42.0  | 438  | 14.4 | 1.5  | 13   | 2.13 | 14.0 | 1.3  | 1.8   | 0.6  | 28.9 | 0.08 | 3.64 | 0.19 | 64   | 0.02 | 0.026 |  |
| REP 1298048         | QC       | 14.91 | 26.38 | 17.28 | 43.0  | 446  | 14.8 | 1.5  | 14   | 2.13 | 14.4 | 1.4  | 1.7   | 0.6  | 29.1 | 0.10 | 3.67 | 0.20 | 64   | 0.02 | 0.028 |  |
| 1301590             | Soil     | 2.70  | 12.11 | 8.97  | 57.5  | 202  | 18.5 | 4.2  | 85   | 1.47 | 5.9  | 0.7  | 0.9   | 1.7  | 12.2 | 0.55 | 1.02 | 0.11 | 63   | 0.50 | 0.022 |  |
| REP 1301590         | QC       | 2.69  | 11.60 | 8.59  | 56.1  | 189  | 18.5 | 4.1  | 83   | 1.45 | 5.8  | 0.7  | 2.4   | 1.7  | 12.0 | 0.56 | 0.95 | 0.11 | 63   | 0.50 | 0.022 |  |
| 1301842             | Soil     | 2.33  | 30.83 | 12.82 | 124.7 | 450  | 41.2 | 10.3 | 282  | 2.29 | 9.7  | 1.4  | 2.4   | 3.3  | 22.9 | 1.14 | 1.55 | 0.19 | 74   | 0.57 | 0.092 |  |
| REP 1301842         | QC       | 2.36  | 30.55 | 12.71 | 123.6 | 458  | 39.9 | 10.0 | 279  | 2.31 | 9.7  | 1.4  | 3.6   | 3.4  | 23.5 | 1.20 | 1.53 | 0.17 | 76   | 0.58 | 0.094 |  |
| 1301878             | Soil     | 4.90  | 34.39 | 14.14 | 169.8 | 827  | 38.2 | 5.9  | 109  | 1.81 | 9.1  | 3.9  | 2.2   | 1.4  | 33.7 | 2.83 | 4.25 | 0.19 | 132  | 0.38 | 0.086 |  |
| REP 1301878         | QC       | 4.88  | 33.88 | 13.70 | 166.4 | 781  | 38.1 | 5.6  | 106  | 1.78 | 8.7  | 3.8  | 2.5   | 1.5  | 34.8 | 2.60 | 3.99 | 0.19 | 131  | 0.37 | 0.084 |  |
| 1301903             | Soil     | 4.78  | 28.55 | 14.22 | 143.3 | 395  | 40.8 | 6.7  | 194  | 1.85 | 12.3 | 1.8  | 1.9   | 2.2  | 36.2 | 1.28 | 1.68 | 0.14 | 62   | 4.23 | 0.109 |  |
| REP 1301903         | QC       | 4.84  | 28.72 | 15.12 | 146.7 | 443  | 42.1 | 7.0  | 202  | 1.92 | 12.6 | 1.9  | 2.6   | 2.3  | 37.5 | 1.37 | 1.83 | 0.15 | 64   | 4.35 | 0.111 |  |
| 1301914             | Soil     | 13.26 | 32.41 | 21.27 | 28.0  | 840  | 12.6 | 0.7  | 10   | 1.73 | 18.0 | 2.5  | 0.7   | 0.2  | 58.9 | 0.39 | 4.28 | 0.19 | 66   | 0.23 | 0.040 |  |
| REP 1301914         | QC       | 12.93 | 31.13 | 20.46 | 26.4  | 829  | 12.8 | 0.6  | 10   | 1.70 | 17.7 | 2.5  | 0.7   | 0.2  | 58.0 | 0.32 | 4.15 | 0.18 | 66   | 0.22 | 0.040 |  |
| 1306006             | Soil     | 2.66  | 27.71 | 11.53 | 108.2 | 305  | 35.8 | 10.3 | 353  | 2.28 | 10.5 | 1.8  | 4.1   | 3.2  | 23.6 | 0.74 | 1.32 | 0.16 | 71   | 0.50 | 0.102 |  |
| REP 1306006         | QC       | 2.68  | 27.19 | 11.29 | 107.8 | 314  | 37.1 | 10.2 | 379  | 2.29 | 10.4 | 1.7  | 3.0   | 3.2  | 24.5 | 0.78 | 1.34 | 0.15 | 72   | 0.48 | 0.098 |  |
| 1306017             | Soil     | 3.47  | 20.20 | 11.92 | 104.3 | 362  | 37.8 | 10.2 | 445  | 2.43 | 11.8 | 1.8  | 2.3   | 3.2  | 35.6 | 0.74 | 1.47 | 0.15 | 67   | 2.50 | 0.062 |  |
| REP 1306017         | QC       | 3.50  | 21.48 | 12.30 | 106.9 | 352  | 36.6 | 9.8  | 448  | 2.46 | 12.1 | 1.8  | 2.8   | 3.5  | 36.3 | 0.75 | 1.51 | 0.15 | 69   | 2.50 | 0.061 |  |
| 1306101             | Soil     | 3.43  | 12.93 | 21.06 | 115.6 | 183  | 32.3 | 8.4  | 316  | 2.46 | 10.1 | 1.5  | 1.2   | 1.6  | 16.2 | 0.82 | 0.80 | 0.13 | 69   | 1.82 | 0.081 |  |
| REP 1306101         | QC       | 3.48  | 12.74 | 20.54 | 114.1 | 185  | 31.0 | 8.1  | 315  | 2.45 | 9.5  | 1.5  | 2.2   | 1.7  | 16.3 | 0.81 | 0.87 | 0.12 | 68   | 1.81 | 0.079 |  |
| 1306112             | Soil     | 23.05 | 30.40 | 8.43  | 19.9  | 796  | 16.0 | 0.5  | 7    | 1.99 | 36.5 | 3.3  | 1.8   | 0.3  | 94.2 | 0.50 | 3.77 | 0.10 | 107  | 0.17 | 0.048 |  |
| REP 1306112         | QC       | 23.27 | 31.55 | 8.63  | 19.8  | 833  | 16.6 | 0.6  | 7    | 1.98 | 38.3 | 3.5  | 2.1   | 0.4  | 98.4 | 0.58 | 4.00 | 0.10 | 106  | 0.17 | 0.049 |  |
| Reference Materials |          |       |       |       |       |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |       |  |
| STD DS9             | Standard | 13.68 | 106.3 | 123.7 | 304.5 | 1825 | 41.2 | 8.1  | 572  | 2.24 | 23.5 | 2.8  | 124.8 | 6.5  | 65.4 | 2.24 | 5.36 | 6.43 | 40   | 0.73 | 0.079 |  |
| STD DS9             | Standard | 13.09 | 104.9 | 126.9 | 300.2 | 1896 | 41.3 | 7.9  | 571  | 2.25 | 23.7 | 2.7  | 117.5 | 5.8  | 68.0 | 2.16 | 5.46 | 6.27 | 40   | 0.72 | 0.078 |  |
| STD DS9             | Standard | 12.71 | 105.9 | 119.1 | 290.6 | 1751 | 37.5 | 7.3  | 547  | 2.31 | 23.7 | 2.9  | 111.0 | 6.9  | 74.9 | 2.29 | 5.90 | 6.91 | 39   | 0.72 | 0.076 |  |



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Project: FACE  
 Report Date: August 20, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000183.2

| Method              | 1F15     | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  |     |
|---------------------|----------|------|-------|------|-------|--------|------|-------|-------|------|------|------|------|-------|------|------|-------|-----|
| Analyte             | La       | Cr   | Mg    | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |     |
| Unit                | ppm      | ppm  | %     | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |     |
| MDL                 | 0.5      | 0.5  | 0.01  | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |     |
| Pulp Duplicates     |          |      |       |      |       |        |      |       |       |      |      |      |      |       |      |      |       |     |
| 1298012             | Soil     | 2.6  | 13.4  | 0.09 | 2865  | 0.015  | 1    | 0.36  | 0.003 | 0.03 | 0.1  | 0.8  | 0.28 | 0.05  | 57   | 0.2  | 0.03  | 1.8 |
| REP 1298012         | QC       | 2.6  | 13.4  | 0.09 | 3012  | 0.015  | <1   | 0.35  | 0.003 | 0.03 | 0.1  | 0.8  | 0.27 | 0.06  | 62   | 0.2  | <0.02 | 1.7 |
| 1298023             | Soil     | 2.8  | 15.7  | 0.09 | 313.0 | 0.003  | <1   | 0.78  | 0.007 | 0.08 | <0.1 | 2.2  | 0.28 | 0.13  | 51   | 0.5  | 0.12  | 3.1 |
| REP 1298023         | QC       | 3.0  | 17.2  | 0.09 | 330.2 | 0.003  | 1    | 0.84  | 0.008 | 0.09 | <0.1 | 2.3  | 0.29 | 0.14  | 45   | 0.5  | 0.14  | 3.3 |
| 1298048             | Soil     | 1.3  | 9.3   | 0.02 | 475.4 | <0.001 | 4    | 0.32  | 0.009 | 0.10 | <0.1 | 1.5  | 1.50 | 0.18  | 100  | 6.8  | 0.10  | 1.4 |
| REP 1298048         | QC       | 1.4  | 9.4   | 0.02 | 472.5 | <0.001 | 4    | 0.33  | 0.009 | 0.10 | <0.1 | 1.6  | 1.54 | 0.18  | 93   | 7.2  | 0.06  | 1.5 |
| 1301590             | Soil     | 6.8  | 18.8  | 0.28 | 797.2 | 0.007  | 1    | 1.02  | 0.008 | 0.04 | <0.1 | 2.1  | 0.17 | <0.02 | 20   | 0.4  | 0.06  | 3.9 |
| REP 1301590         | QC       | 6.7  | 17.9  | 0.27 | 787.6 | 0.007  | <1   | 1.04  | 0.008 | 0.04 | <0.1 | 2.0  | 0.17 | <0.02 | 22   | 0.5  | 0.04  | 3.8 |
| 1301842             | Soil     | 14.5 | 33.0  | 0.47 | 1912  | 0.031  | 2    | 1.66  | 0.008 | 0.06 | 0.1  | 5.4  | 0.14 | 0.03  | 71   | 0.4  | 0.05  | 4.7 |
| REP 1301842         | QC       | 15.2 | 33.2  | 0.48 | 1981  | 0.033  | 2    | 1.71  | 0.008 | 0.06 | 0.2  | 5.3  | 0.15 | 0.04  | 70   | 0.2  | 0.04  | 4.7 |
| 1301878             | Soil     | 14.5 | 28.2  | 0.35 | 2122  | 0.013  | 2    | 1.47  | 0.006 | 0.06 | 0.2  | 3.6  | 0.30 | 0.06  | 104  | 3.2  | 0.10  | 4.6 |
| REP 1301878         | QC       | 13.7 | 27.1  | 0.34 | 2079  | 0.012  | 2    | 1.44  | 0.006 | 0.06 | 0.1  | 3.7  | 0.30 | 0.06  | 115  | 3.2  | 0.10  | 4.4 |
| 1301903             | Soil     | 7.0  | 17.5  | 2.43 | 1579  | 0.006  | 3    | 0.93  | 0.005 | 0.10 | <0.1 | 6.7  | 0.29 | 0.04  | 79   | 0.4  | 0.09  | 2.2 |
| REP 1301903         | QC       | 7.2  | 17.6  | 2.48 | 1656  | 0.006  | 3    | 0.96  | 0.005 | 0.10 | <0.1 | 6.5  | 0.30 | 0.04  | 91   | 0.4  | 0.09  | 2.2 |
| 1301914             | Soil     | 1.0  | 10.4  | 0.01 | 396.0 | <0.001 | 5    | 0.26  | 0.008 | 0.16 | <0.1 | 1.7  | 1.88 | 0.43  | 79   | 8.1  | 0.10  | 1.4 |
| REP 1301914         | QC       | 1.0  | 10.2  | 0.01 | 365.6 | <0.001 | 6    | 0.26  | 0.008 | 0.17 | <0.1 | 1.9  | 1.79 | 0.43  | 68   | 7.4  | 0.09  | 1.3 |
| 1306006             | Soil     | 16.5 | 28.0  | 0.48 | 300.2 | 0.030  | 2    | 1.49  | 0.010 | 0.05 | 0.2  | 4.1  | 0.18 | <0.02 | 85   | 0.4  | 0.03  | 4.1 |
| REP 1306006         | QC       | 17.0 | 28.0  | 0.50 | 307.5 | 0.030  | 2    | 1.57  | 0.010 | 0.05 | 0.1  | 4.1  | 0.18 | <0.02 | 83   | 0.5  | 0.03  | 4.1 |
| 1306017             | Soil     | 14.1 | 28.1  | 1.70 | 257.6 | 0.030  | 2    | 1.53  | 0.016 | 0.07 | 0.2  | 4.3  | 0.22 | 0.04  | 90   | 0.7  | 0.02  | 4.1 |
| REP 1306017         | QC       | 14.5 | 28.6  | 1.69 | 260.8 | 0.033  | 3    | 1.56  | 0.017 | 0.07 | 0.1  | 4.2  | 0.22 | 0.04  | 94   | 0.7  | 0.04  | 4.4 |
| 1306101             | Soil     | 8.0  | 28.5  | 1.04 | 233.6 | 0.008  | 3    | 1.79  | 0.005 | 0.07 | <0.1 | 3.6  | 0.23 | 0.03  | 27   | 0.5  | 0.05  | 4.3 |
| REP 1306101         | QC       | 7.8  | 27.9  | 1.04 | 225.3 | 0.008  | 3    | 1.79  | 0.005 | 0.06 | 0.1  | 3.5  | 0.23 | 0.03  | 39   | 0.5  | 0.06  | 4.2 |
| 1306112             | Soil     | 0.8  | 11.5  | 0.04 | 325.4 | <0.001 | 6    | 0.26  | 0.051 | 0.14 | <0.1 | 2.6  | 3.15 | 0.50  | 96   | 8.1  | 0.16  | 1.6 |
| REP 1306112         | QC       | 0.8  | 11.7  | 0.04 | 335.0 | <0.001 | 6    | 0.25  | 0.051 | 0.13 | <0.1 | 2.7  | 3.25 | 0.50  | 103  | 8.3  | 0.14  | 1.8 |
| Reference Materials |          |      |       |      |       |        |      |       |       |      |      |      |      |       |      |      |       |     |
| STD DS9             | Standard | 14.1 | 111.1 | 0.61 | 297.0 | 0.107  | 3    | 0.94  | 0.084 | 0.39 | 3.1  | 2.5  | 5.67 | 0.16  | 209  | 5.2  | 5.23  | 5.0 |
| STD DS9             | Standard | 12.4 | 112.9 | 0.61 | 298.6 | 0.103  | 3    | 0.91  | 0.082 | 0.38 | 3.0  | 2.4  | 5.64 | 0.17  | 217  | 5.7  | 5.19  | 4.8 |
| STD DS9             | Standard | 14.4 | 108.4 | 0.61 | 295.5 | 0.111  | 2    | 0.99  | 0.086 | 0.40 | 2.8  | 2.2  | 5.28 | 0.16  | 187  | 5.1  | 4.86  | 4.5 |



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Project: FACE  
Report Date: August 20, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

DAW12000183.2

|                  |          | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   | 1F15   |
|------------------|----------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|--------|
|                  |          | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     | P      |
|                  |          | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      | %      |
| STD DS9          | Standard | 12.63 | 105.5 | 125.7 | 313.4 | 1925 | 39.9 | 6.9  | 588  | 2.25  | 25.6 | 2.9  | 118.0 | 6.4  | 74.5 | 2.41  | 6.33  | 7.35  | 37   | 0.68   | 0.085  |
| STD DS9          | Standard | 13.42 | 109.3 | 132.6 | 312.5 | 1856 | 42.6 | 8.9  | 562  | 2.29  | 25.6 | 3.3  | 118.6 | 7.6  | 80.2 | 2.42  | 6.48  | 7.46  | 39   | 0.72   | 0.085  |
| STD DS9          | Standard | 13.63 | 104.1 | 123.5 | 312.7 | 1900 | 41.8 | 7.8  | 597  | 2.33  | 26.3 | 2.6  | 119.0 | 6.2  | 67.8 | 2.47  | 5.29  | 6.01  | 39   | 0.75   | 0.087  |
| STD DS9          | Standard | 12.33 | 110.2 | 113.0 | 292.1 | 1745 | 39.3 | 7.5  | 537  | 2.26  | 23.5 | 2.7  | 133.3 | 6.6  | 68.3 | 2.28  | 5.64  | 6.58  | 39   | 0.73   | 0.076  |
| STD DS9 Expected |          | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 | 0.0819 |
| BLK              | Blank    | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.05  | 0.06  | <0.1  | 6    | 0.1  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.13  | <0.01 | <0.1  | 4    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | <0.01 | 0.02  | 0.1   | 4    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.04  | 0.06  | <0.1  | 8    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.04  | <0.01 | <0.1  | 5    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |
| BLK              | Blank    | <0.01 | 0.04  | 0.01  | <0.1  | 3    | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  | <0.001 |





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**Project:** FACE  
**Report Date:** August 20, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

DAW12000183.2

|                  |          | 1F15<br>La<br>ppm<br>0.5 | 1F15<br>Cr<br>ppm<br>0.5 | 1F15<br>Mg<br>%<br>0.01 | 1F15<br>Ba<br>ppm<br>0.5 | 1F15<br>Ti<br>%<br>0.001 | 1F15<br>B<br>ppm<br>1 | 1F15<br>Al<br>%<br>0.01 | 1F15<br>Na<br>%<br>0.001 | 1F15<br>K<br>%<br>0.01 | 1F15<br>W<br>ppm<br>0.1 | 1F15<br>Sc<br>ppm<br>0.1 | 1F15<br>Ti<br>ppm<br>0.02 | 1F15<br>S<br>%<br>0.02 | 1F15<br>Hg<br>ppb<br>5 | 1F15<br>Se<br>ppm<br>0.1 | 1F15<br>Te<br>ppm<br>0.02 | 1F15<br>Ga<br>ppm<br>0.1 |
|------------------|----------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|--------------------------|---------------------------|------------------------|------------------------|--------------------------|---------------------------|--------------------------|
| STD DS9          | Standard | 13.3                     | 113.0                    | 0.61                    | 306.5                    | 0.103                    | 3                     | 0.91                    | 0.085                    | 0.40                   | 2.9                     | 2.2                      | 5.28                      | 0.16                   | 191                    | 5.2                      | 5.23                      | 4.6                      |
| STD DS9          | Standard | 15.3                     | 116.6                    | 0.62                    | 317.1                    | 0.119                    | 2                     | 0.99                    | 0.086                    | 0.40                   | 3.0                     | 2.5                      | 5.50                      | 0.17                   | 198                    | 5.6                      | 5.36                      | 4.6                      |
| STD DS9          | Standard | 13.4                     | 121.8                    | 0.61                    | 308.9                    | 0.111                    | 3                     | 0.99                    | 0.093                    | 0.41                   | 3.1                     | 2.7                      | 5.84                      | 0.17                   | 218                    | 5.8                      | 5.11                      | 4.9                      |
| STD DS9          | Standard | 13.5                     | 107.8                    | 0.62                    | 275.3                    | 0.108                    | 2                     | 0.95                    | 0.081                    | 0.38                   | 2.8                     | 2.2                      | 5.02                      | 0.16                   | 197                    | 4.9                      | 4.71                      | 4.2                      |
| STD DS9 Expected |          | 13.3                     | 121                      | 0.6165                  | 295                      | 0.1108                   |                       | 0.9577                  | 0.0853                   | 0.395                  | 2.89                    | 2.5                      | 5.3                       | 0.1615                 | 200                    | 5.2                      | 5.02                      | 4.59                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | 8                      | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |
| BLK              | Blank    | <0.5                     | <0.5                     | <0.01                   | <0.5                     | <0.001                   | <1                    | <0.01                   | <0.001                   | <0.01                  | <0.1                    | <0.1                     | <0.02                     | <0.02                  | <5                     | <0.1                     | <0.02                     | <0.1                     |



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650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Dawson City  
Received: August 01, 2012  
Report Date: August 10, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

DAW12000184.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-18  
P.O. Number  
Number of Samples: 5

### SAMPLE DISPOSAL

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

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

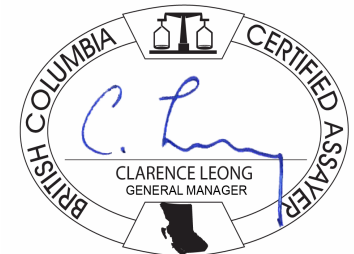
Invoice To: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| S150        | 5                 | Sieve to 150 mesh                                     |              |               | DAW |
| RJSV        | 5                 | Saving all or part of Soil Reject                     |              |               | DAW |
| 3B01+3B04   | 5                 | lead collection fire assay - ICP-ES finish            | 50           | Completed     | VAN |
| 1F03        | 5                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 30           | Completed     | VAN |

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 10, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

DAW12000184.1

| Method  | 3B-50 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|-------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analyte | Au    | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V    | Ca   |      |
| Unit    | ppb   | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | %    |      |
| MDL     | 2     | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2    | 0.01 |      |
| 1301935 | Silt  | 3    | 11.28 | 31.15 | 19.70 | 68.1  | 452  | 20.3 | 1.9  | 25   | 3.92 | 26.3 | 1.2  | 2.2  | 1.2  | 74.5 | 0.17 | 2.97 | 0.19 | 45   | 0.04 |
| 1301936 | Silt  | 2    | 7.80  | 43.15 | 14.59 | 189.1 | 271  | 48.1 | 7.2  | 158  | 2.99 | 17.6 | 1.8  | 1.8  | 1.5  | 64.4 | 0.83 | 2.35 | 0.14 | 41   | 0.56 |
| 1301937 | Silt  | <2   | 8.01  | 45.03 | 14.32 | 212.6 | 249  | 57.0 | 9.1  | 127  | 2.98 | 18.4 | 1.7  | 1.9  | 1.4  | 56.8 | 1.16 | 2.35 | 0.15 | 38   | 0.33 |
| 1301856 | Silt  | 3    | 8.39  | 39.80 | 15.00 | 191.6 | 245  | 51.4 | 8.0  | 144  | 3.01 | 19.1 | 1.6  | 1.3  | 1.3  | 58.5 | 0.88 | 2.32 | 0.15 | 40   | 0.40 |
| 1301857 | Silt  | 3    | 10.42 | 51.77 | 15.13 | 137.1 | 523  | 43.1 | 4.4  | 51   | 8.98 | 23.5 | 1.7  | 2.3  | 1.1  | 64.1 | 0.44 | 3.06 | 0.17 | 44   | 0.07 |



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Project: FACE  
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Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

DAW12000184.1

| Method  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30  | 1F30  | 1F30 | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 | 1F30 |
|---------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|------|------|------|
| Analyte | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg   | Se   | Te   | Ga   |      |
| Unit    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb  | ppm  | ppm  | ppm  |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5    | 0.1  | 0.02 | 0.1  |      |
| 1301935 | Silt  | 0.059 | 1.4  | 9.4  | 0.04 | 487.3 | 0.001 | 4    | 0.31  | 0.022 | 0.09 | <0.1 | 3.4  | 0.85 | 0.35 | 106  | 4.5  | 0.09 | 1.2  |
| 1301936 | Silt  | 0.064 | 3.6  | 10.4 | 0.28 | 1434  | 0.003 | 4    | 0.56  | 0.006 | 0.07 | <0.1 | 3.4  | 0.49 | 0.11 | 77   | 2.4  | 0.12 | 1.4  |
| 1301937 | Silt  | 0.062 | 3.0  | 8.9  | 0.17 | 785.6 | 0.002 | 2    | 0.49  | 0.008 | 0.06 | <0.1 | 3.4  | 0.50 | 0.12 | 66   | 2.6  | 0.06 | 1.2  |
| 1301856 | Silt  | 0.063 | 3.1  | 10.2 | 0.19 | 1112  | 0.002 | 3    | 0.50  | 0.008 | 0.07 | <0.1 | 3.1  | 0.50 | 0.12 | 74   | 2.3  | 0.05 | 1.3  |
| 1301857 | Silt  | 0.062 | 1.4  | 11.3 | 0.08 | 151.2 | 0.001 | 4    | 0.37  | 0.020 | 0.10 | <0.1 | 5.3  | 0.79 | 0.90 | 92   | 4.9  | 0.04 | 1.2  |



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QUALITY CONTROL REPORT

DAW12000184.1

| Method              | 3B-50    | 1F30 | 1F30  | 1F30  | 1F30  | 1F30  | 1F30 | 1F30 | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30 | 1F30 | 1F30  | 1F30  | 1F30  | 1F30 |        |
|---------------------|----------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Au       | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   |        |
| Unit                | ppb      | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    |        |
| MDL                 | 2        | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 |        |
| Pulp Duplicates     |          |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| 1301857             | Silt     | 3    | 10.42 | 51.77 | 15.13 | 137.1 | 523  | 43.1 | 4.4  | 51   | 8.98  | 23.5 | 1.7  | 2.3   | 1.1  | 64.1 | 0.44  | 3.06  | 0.17  | 44   | 0.07   |
| REP 1301857         | QC       | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| Reference Materials |          |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard |      | 13.78 | 117.3 | 125.5 | 309.3 | 1769 | 43.0 | 8.2  | 580  | 2.26  | 26.7 | 3.0  | 112.3 | 7.0  | 82.6 | 2.30  | 6.16  | 7.28  | 40   | 0.72   |
| STD OXA71           | Standard | 76   |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9 Expected    |          |      | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| STD OXA71 Expected  |          | 84.9 |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| BLK                 | Blank    |      | <0.01 | <0.01 | 0.01  | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| BLK                 | Blank    | <2   |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |



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**Project:** FACE  
**Report Date:** August 10, 2012

**Page:** 1 of 1

**Part:** 2 of 2

QUALITY CONTROL REPORT

DAW12000184.1

| Method              |          | 1F30   | 1F30 | 1F30  | 1F30   | 1F30  | 1F30   | 1F30 | 1F30   | 1F30   | 1F30  | 1F30 | 1F30 | 1F30  | 1F30   | 1F30 | 1F30 | 1F30 | 1F30 |  |
|---------------------|----------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|------|------|--|
| Analyte             |          | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te   | Ga   |  |
| Unit                |          | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm  | ppm  |  |
| MDL                 |          | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02 | 0.1  |  |
| Pulp Duplicates     |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |
| 1301857             | Silt     | 0.062  | 1.4  | 11.3  | 0.08   | 151.2 | 0.001  | 4    | 0.37   | 0.020  | 0.10  | <0.1 | 5.3  | 0.79  | 0.90   | 92   | 4.9  | 0.04 | 1.2  |  |
| REP 1301857         | QC       |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |
| Reference Materials |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |
| STD DS9             | Standard | 0.081  | 15.2 | 115.6 | 0.61   | 306.3 | 0.134  | 2    | 0.99   | 0.096  | 0.41  | 3.0  | 2.6  | 5.29  | 0.16   | 204  | 5.2  | 4.65 | 4.8  |  |
| STD OXA71           | Standard |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |
| STD DS9 Expected    |          | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02 | 4.59 |  |
| STD OXA71 Expected  |          |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |
| BLK                 | Blank    | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | 7    | <0.1 | 0.02 | <0.1 |  |
| BLK                 | Blank    |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |      |      |  |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 03, 2012  
Report Date: July 28, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000213.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-2  
P.O. Number  
Number of Samples: 6

### 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 |
| 1F02        | 6                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup



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



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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: July 28, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000213.1

| Method  | WGHT | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |       |
|---------|------|------|------|-------|-------|-------|------|-------|------|------|------|------|------|------|------|-------|------|------|-------|------|-------|
| Analyte | Wgt  | Mo   | Cu   | Pb    | Zn    | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V     | Ca   |       |
| Unit    | kg   | ppm  | ppm  | ppm   | ppm   | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm   | %    |       |
| MDL     | 0.01 | 0.01 | 0.01 | 0.01  | 0.1   | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | 2     | 0.01 |       |
| 613987  | Rock | 2.08 | 0.42 | 17.00 | 5.05  | 49.7  | 11   | 16.6  | 8.7  | 790  | 1.38 | 0.5  | 0.2  | 1.5  | 0.6  | 5.8   | 0.14 | 0.09 | 0.07  | 4    | 0.04  |
| 613989  | Rock | 1.32 | 0.18 | 24.92 | 4.48  | 43.9  | 32   | 211.0 | 26.5 | 2984 | 3.64 | 10.6 | <0.1 | 2.0  | 0.2  | 294.6 | 0.14 | 0.06 | <0.02 | 55   | 20.88 |
| 613990  | Rock | 1.92 | 2.20 | 17.15 | 25.13 | 114.7 | 36   | 12.2  | 3.2  | 154  | 1.63 | 4.0  | 0.6  | 0.3  | 5.6  | 7.3   | 0.23 | 0.47 | 0.18  | 13   | 0.17  |
| 613991  | Rock | 2.26 | 0.54 | 1.56  | 1.14  | 4.8   | 11   | 1.6   | 1.0  | 351  | 0.17 | 1.8  | 0.4  | 0.9  | 0.1  | 71.3  | 0.08 | 0.05 | <0.02 | 2    | 23.53 |
| 1302026 | Rock | 1.50 | 0.20 | 24.92 | 8.92  | 115.9 | 27   | 225.4 | 39.7 | 843  | 7.23 | 1.3  | 0.4  | 0.6  | 4.7  | 255.7 | 0.11 | 0.07 | <0.02 | 116  | 11.72 |
| 1302027 | Rock | 1.12 | 0.09 | 2.46  | 6.08  | 46.4  | 11   | 3.5   | 1.5  | 242  | 0.32 | 2.0  | 1.0  | 0.7  | 0.5  | 155.4 | 0.34 | 0.07 | <0.02 | <2   | 34.32 |





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Project: FACE  
 Report Date: July 28, 2012

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000213.1

| Method  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|-------|-------|------|-------|------|-------|--------|------|-------|-------|------|------|------|-------|-------|------|------|-------|------|
| Analyte | P     | La    | Cr   | Mg    | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S     | Hg    | Se   | Te   | Ga    |      |
| Unit    | %     | ppm   | ppm  | %     | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01  | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02  | 5     | 0.1  | 0.02 | 0.1   |      |
| 613987  | Rock  | 0.010 | 0.6  | 16.2  | 0.09 | 137.4 | 0.001  | 3    | 0.13  | 0.014 | 0.06 | <0.1 | 2.0  | 0.02  | <0.02 | 9    | <0.1 | <0.02 | 0.5  |
| 613989  | Rock  | 0.013 | 4.7  | 200.1 | 2.69 | 28.8  | 0.004  | 3    | 1.59  | 0.007 | 0.01 | <0.1 | 7.7  | <0.02 | <0.02 | <5   | 0.2  | <0.02 | 4.9  |
| 613990  | Rock  | 0.044 | 31.9 | 16.2  | 0.30 | 50.9  | 0.002  | 1    | 0.78  | 0.099 | 0.01 | <0.1 | 4.3  | 0.05  | <0.02 | 24   | <0.1 | <0.02 | 5.0  |
| 613991  | Rock  | 0.112 | 2.3  | 1.7   | 9.95 | 29.9  | <0.001 | 1    | 0.03  | 0.013 | 0.01 | <0.1 | 0.3  | <0.02 | <0.02 | <5   | 0.2  | <0.02 | <0.1 |
| 1302026 | Rock  | 0.444 | 80.2 | 138.1 | 3.52 | 316.2 | 0.011  | 5    | 3.41  | 0.005 | 0.10 | <0.1 | 3.9  | 0.20  | <0.02 | <5   | <0.1 | <0.02 | 18.2 |
| 1302027 | Rock  | 0.026 | 9.5  | 1.4   | 2.31 | 112.9 | <0.001 | 1    | 0.05  | 0.005 | 0.03 | <0.1 | 0.8  | 0.05  | <0.02 | <5   | 0.2  | 0.06  | 0.1  |



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**Project:** FACE  
**Report Date:** July 28, 2012

**Page:** 1 of 1

**Part:** 1 of 2

# QUALITY CONTROL REPORT

WHI12000213.1

| Method              | WGHT       | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 |        |
|---------------------|------------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|-------|-------|-------|-------|------|--------|
| Analyte             | Wgt        | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd    | Sb    | Bi    | V     | Ca   |        |
| Unit                | kg         | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm   | ppm   | ppm   | ppm   | %    |        |
| MDL                 | 0.01       | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01  | 0.02  | 0.02  | 2     | 0.01 |        |
| Pulp Duplicates     |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |        |
| 1302027             | Rock       | 1.12 | 0.09  | 2.46  | 6.08  | 46.4  | 11   | 3.5  | 1.5  | 242  | 0.32  | 2.0  | 1.0  | 0.7   | 0.5  | 155.4 | 0.34  | 0.07  | <0.02 | <2   | 34.32  |
| REP 1302027         | QC         |      | 0.08  | 2.44  | 5.97  | 47.6  | 9    | 4.2  | 1.3  | 246  | 0.34  | 1.6  | 1.0  | 1.1   | 0.5  | 155.8 | 0.35  | 0.07  | <0.02 | <2   | 34.34  |
| Reference Materials |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |        |
| STD DS9             | Standard   |      | 13.12 | 108.9 | 130.2 | 322.5 | 1841 | 39.8 | 8.0  | 593  | 2.30  | 26.1 | 2.9  | 115.8 | 6.8  | 77.5  | 2.60  | 5.89  | 7.10  | 39   | 0.74   |
| STD DS9 Expected    |            |      | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6  | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| BLK                 | Blank      |      | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5  | <0.01 | <0.02 | <0.02 | <2   | 0.01   |
| Prep Wash           |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |       |       |       |       |      |        |
| G1-WHI              | Prep Blank |      | 0.12  | 3.16  | 2.94  | 47.2  | 8    | 3.8  | 4.5  | 584  | 1.90  | <0.1 | 1.5  | 2.8   | 5.6  | 71.0  | 0.03  | 0.04  | 0.12  | 35   | 0.48   |
| G1-WHI              | Prep Blank |      | 0.10  | 2.97  | 3.00  | 47.8  | 12   | 2.4  | 4.1  | 625  | 1.99  | <0.1 | 1.6  | 1.0   | 6.1  | 69.4  | 0.02  | <0.02 | 0.08  | 37   | 0.52   |



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Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** July 28, 2012

**Page:** 1 of 1

**Part:** 2 of 2

# QUALITY CONTROL REPORT

WHI12000213.1

| Method              |            | 1F15   | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  | 1F15 |  |
|---------------------|------------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|--|
| Analyte             |            | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |  |
| Unit                |            | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |  |
| MDL                 |            | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |  |
| Pulp Duplicates     |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| 1302027             | Rock       | 0.026  | 9.5  | 1.4   | 2.31   | 112.9 | <0.001 | 1    | 0.05   | 0.005  | 0.03  | <0.1 | 0.8  | 0.05  | <0.02  | <5   | 0.2  | 0.06  | 0.1  |  |
| REP 1302027         | QC         | 0.025  | 9.6  | 1.3   | 2.36   | 115.8 | <0.001 | <1   | 0.05   | 0.005  | 0.04  | <0.1 | 0.8  | 0.06  | <0.02  | <5   | 0.3  | 0.05  | 0.2  |  |
| Reference Materials |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| STD DS9             | Standard   | 0.082  | 13.4 | 122.7 | 0.63   | 293.6 | 0.110  | 2    | 0.96   | 0.081  | 0.40  | 3.1  | 2.4  | 5.72  | 0.16   | 185  | 5.7  | 5.19  | 5.0  |  |
| STD DS9 Expected    |            | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |  |
| BLK                 | Blank      | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |  |
| Prep Wash           |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| G1-WHI              | Prep Blank | 0.084  | 12.7 | 10.2  | 0.54   | 188.0 | 0.121  | 1    | 0.96   | 0.091  | 0.49  | <0.1 | 2.5  | 0.30  | <0.02  | <5   | <0.1 | <0.02 | 5.0  |  |
| G1-WHI              | Prep Blank | 0.082  | 13.8 | 8.2   | 0.52   | 185.2 | 0.127  | 2    | 0.96   | 0.107  | 0.48  | 0.3  | 2.6  | 0.31  | <0.02  | <5   | <0.1 | <0.02 | 4.9  |  |



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Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 10, 2012  
Report Date: July 24, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000297.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-5  
P.O. Number  
Number of Samples: 2

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250    | 2                 | Crush, split and pulverize 250 g rock to 200 mesh     |              |               | WHI |
| 1F02        | 2                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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

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Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup



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

www.acmelab.com

Client: **Rackla Metals Inc.**  
 650-200 Burrard St.  
 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: July 24, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000297.1

| Method  | WGHT | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 |       |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|------|-------|
| Analyte | Wgt  | Mo   | Cu   | Pb   | Zn   | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi   | V     | Ca   |       |
| Unit    | kg   | ppm  | ppm  | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm   | %    |       |
| MDL     | 0.01 | 0.01 | 0.01 | 0.01 | 0.1  | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02 | 2     | 0.01 |       |
| 1302028 | Rock | 1.07 | 0.21 | 4.54 | 2.85 | 4.2  | 194  | 4.1  | 4.8  | 855  | 1.00 | 4.2  | 0.4  | <0.2 | 0.6  | 663.4 | 0.04  | 1.85 | <0.02 | 6    | 35.08 |
| 1302029 | Rock | 1.32 | 0.38 | 4.17 | 7.13 | 1.0  | 57   | 0.7  | 0.2  | 21   | 0.71 | 1.1  | <0.1 | 1.3  | 0.6  | 11.5  | <0.01 | 0.21 | 0.10  | 6    | 0.05  |



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**Project:** FACE  
**Report Date:** July 24, 2012

**Page:** 2 of 2

**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

WHI12000297.1

| Method  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|-------|-------|------|------|------|-------|--------|------|-------|-------|------|------|------|------|-------|------|------|-------|------|
| Analyte | P     | La    | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |      |
| Unit    | %     | ppm   | ppm  | %    | ppm  | %     | ppm    | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |      |
| 1302028 | Rock  | 0.050 | 3.8  | 1.8  | 0.18 | 30.0  | <0.001 | <1   | 0.06  | 0.005 | 0.03 | <0.1 | 1.6  | 0.03 | <0.02 | 56   | 0.4  | <0.02 | 0.2  |
| 1302029 | Rock  | 0.005 | 0.7  | 6.2  | 0.02 | 955.6 | <0.001 | 4    | 0.27  | 0.014 | 0.24 | <0.1 | 1.0  | 0.05 | 0.17  | 54   | 0.4  | 0.02  | 1.0  |



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Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** July 24, 2012

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Part: 1 of 2

QUALITY CONTROL REPORT

WHI12000297.1

| Method              | WGHT       | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |
|---------------------|------------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Wgt        | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     |
| Unit                | kg         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      |
| MDL                 | 0.01       | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   |
| Reference Materials |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard   | 13.17 | 111.0 | 133.7 | 309.0 | 2018 | 40.7 | 7.4  | 586  | 2.27  | 25.3 | 2.9  | 109.4 | 6.8  | 65.2 | 2.59  | 5.84  | 6.92  | 40   | 0.70   |
| STD DS9 Expected    |            | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| BLK                 | Blank      | <0.01 | <0.01 | <0.01 | <0.1  | <2   | <0.1 | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| Prep Wash           |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| G1                  | Prep Blank | 0.15  | 2.55  | 4.54  | 40.2  | 24   | 2.1  | 3.4  | 511  | 1.73  | 0.6  | 1.6  | 3.4   | 5.3  | 56.4 | <0.01 | 0.03  | 0.03  | 33   | 0.49   |
| G1                  | Prep Blank | 0.15  | 2.79  | 2.91  | 40.4  | 20   | 2.1  | 3.5  | 509  | 1.76  | 0.4  | 1.4  | 1.1   | 4.8  | 51.8 | <0.01 | <0.02 | 0.09  | 33   | 0.47   |



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650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** July 24, 2012

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

WHI12000297.1

| Method              |            | 1F15   | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|------------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             |            | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |
| Unit                |            | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |
| MDL                 |            | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |
| Reference Materials |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard   | 0.080  | 12.7 | 117.5 | 0.60   | 313.4 | 0.102  | 3    | 0.92   | 0.080  | 0.38  | 3.5  | 2.6  | 6.22  | 0.16   | 240  | 5.6  | 5.46  | 4.6  |
| STD DS9 Expected    |            | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank      | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| Prep Wash           |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| G1                  | Prep Blank | 0.078  | 9.9  | 7.8   | 0.48   | 151.3 | 0.087  | <1   | 0.79   | 0.082  | 0.45  | <0.1 | 2.4  | 0.30  | <0.02  | <5   | <0.1 | <0.02 | 4.3  |
| G1                  | Prep Blank | 0.076  | 9.8  | 6.8   | 0.49   | 148.3 | 0.090  | <1   | 0.81   | 0.083  | 0.45  | <0.1 | 2.4  | 0.31  | <0.02  | <5   | <0.1 | <0.02 | 4.3  |





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**Client:** Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 16, 2012  
Report Date: August 09, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000352.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-7  
P.O. Number: NA-12359  
Number of Samples: 2

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250    | 2                 | Crush, split and pulverize 250 g rock to 200 mesh     |              |               | WHI |
| 1F02        | 2                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup



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:** Rackla Metals Inc.  
 650-200 Burrard St.  
 Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** August 09, 2012

**Page:** 2 of 2

**Part:** 1 of 2

# CERTIFICATE OF ANALYSIS

WHI12000352.1

| Method  | WGHT | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |       |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|-------|
| Analyte | Wgt  | Mo   | Cu   | Pb   | Zn   | Ag   | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb   | Bi   | V     | Ca   |       |
| Unit    | kg   | ppm  | ppm  | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm   | %    |       |
| MDL     | 0.01 | 0.01 | 0.01 | 0.01 | 0.1  | 2    | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02 | 0.02 | 2     | 0.01 |       |
| 1302030 | Rock | 1.67 | 5.76 | 1.68 | 4.76 | 18.0 | 11   | 2.7  | 1.5  | 194  | 0.37 | 7.5  | 3.5  | <0.2 | 0.6  | 190.2 | 0.08 | 0.19 | <0.02 | 17   | 25.59 |
| 1302031 | Rock | 1.66 | 2.60 | 9.23 | 3.39 | 89.9 | 46   | 6.8  | 1.1  | 91   | 0.33 | 3.5  | 47.7 | 1.2  | 0.3  | 106.3 | 1.66 | 0.36 | <0.02 | 26   | 9.67  |



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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 09, 2012

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI12000352.1

| Method  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|-------|------|------|-------|------|
| Analyte | P     | La    | Cr   | Mg   | Ba   | Ti    | B     | Al   | Na    | K     | W    | Sc   | Tl   | S    | Hg    | Se   | Te   | Ga    |      |
| Unit    | %     | ppm   | ppm  | %    | ppm  | %     | ppm   | %    | %     | %     | ppm  | ppm  | ppm  | %    | ppb   | ppm  | ppm  | ppm   |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1     | 0.01 | 0.001 | 0.01  | 0.1  | 0.1  | 0.02 | 0.02 | 5     | 0.1  | 0.02 | 0.1   |      |
| 1302030 | Rock  | 0.774 | 6.5  | 3.6  | 6.15 | 53.8  | 0.002 | 5    | 0.18  | 0.004 | 0.11 | <0.1 | 0.9  | 0.05 | <0.02 | <5   | 0.4  | <0.02 | 0.6  |
| 1302031 | Rock  | 3.657 | 8.7  | 18.8 | 0.49 | 529.8 | 0.004 | 3    | 0.13  | 0.007 | 0.06 | <0.1 | 0.9  | 0.08 | 0.06  | 44   | 0.5  | <0.02 | 0.7  |



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Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** August 09, 2012

Page: 1 of 1

Part: 1 of 2

## QUALITY CONTROL REPORT

WHI12000352.1

| Method              | WGHT       | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |
|---------------------|------------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Wgt        | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     |
| Unit                | kg         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      |
| MDL                 | 0.01       | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   |
| Reference Materials |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard   | 13.19 | 100.6 | 123.5 | 314.0 | 1981 | 40.8 | 7.7  | 599  | 2.32  | 23.9 | 2.5  | 122.6 | 6.0  | 65.9 | 2.22  | 5.37  | 6.00  | 39   | 0.73   |
| STD DS9 Expected    |            | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| BLK                 | Blank      | <0.01 | <0.01 | <0.01 | <0.1  | <2   | 0.4  | <0.1 | <1   | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| Prep Wash           |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| G1-WHI              | Prep Blank | 0.09  | 2.33  | 2.71  | 42.5  | 7    | 1.7  | 3.6  | 543  | 1.85  | 0.3  | 1.4  | 0.8   | 5.1  | 53.0 | <0.01 | 0.02  | 0.10  | 35   | 0.48   |
| G1-WHI              | Prep Blank | 0.09  | 2.47  | 2.54  | 40.4  | 10   | 2.3  | 3.7  | 535  | 1.86  | <0.1 | 1.4  | 0.3   | 5.1  | 56.0 | <0.01 | <0.02 | 0.07  | 35   | 0.49   |



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**Project:** FACE  
**Report Date:** August 09, 2012

**Page:** 1 of 1

**Part:** 2 of 2

## QUALITY CONTROL REPORT

WHI12000352.1

| Method              | 1F15       | 1F15   | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|------------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             | P          | La     | Cr   | Mg    | Ba     | Ti    | B      | Al   | Na     | K      | W     | Sc   | Tl   | S     | Hg     | Se   | Te   | Ga    |      |
| Unit                | %          | ppm    | ppm  | %     | ppm    | %     | ppm    | %    | %      | %      | ppm   | ppm  | ppm  | %     | ppb    | ppm  | ppm  | ppm   |      |
| MDL                 | 0.001      | 0.5    | 0.5  | 0.01  | 0.5    | 0.001 | 1      | 0.01 | 0.001  | 0.01   | 0.1   | 0.1  | 0.02 | 0.02  | 5      | 0.1  | 0.02 | 0.1   |      |
| Reference Materials |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard   | 0.083  | 12.5 | 116.6 | 0.62   | 317.3 | 0.108  | 2    | 0.95   | 0.083  | 0.40  | 3.2  | 2.6  | 5.65  | 0.16   | 218  | 5.4  | 5.68  | 4.6  |
| STD DS9 Expected    |            | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank      | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| Prep Wash           |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| G1-WHI              | Prep Blank | 0.079  | 12.5 | 6.3   | 0.49   | 147.5 | 0.112  | <1   | 0.83   | 0.078  | 0.43  | <0.1 | 2.3  | 0.30  | <0.02  | <5   | <0.1 | <0.02 | 4.7  |
| G1-WHI              | Prep Blank | 0.072  | 11.3 | 7.0   | 0.48   | 158.2 | 0.111  | <1   | 0.90   | 0.098  | 0.46  | <0.1 | 2.4  | 0.30  | <0.02  | <5   | <0.1 | <0.02 | 4.5  |



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**Client:** Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 24, 2012  
Report Date: August 15, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000415.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-13  
P.O. Number  
Number of Samples: 7

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250    | 7                 | Crush, split and pulverize 250 g rock to 200 mesh     |              |               | WHI |
| 1F02        | 7                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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: Rackla Metals Inc.  
650-200 Burrard St.  
Vancouver BC V6C 3L6  
Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup



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.  
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Client: **Rackla Metals Inc.**  
 650-200 Burrard St.  
 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 15, 2012

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000415.1

| Method  | WGHT | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15  | 1F15 | 1F15  |
|---------|------|------|-------|-------|------|-------|------|-------|------|------|------|------|------|------|------|-------|-------|------|-------|------|-------|
| Analyte | Wgt  | Mo   | Cu    | Pb    | Zn   | Ag    | Ni   | Co    | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd    | Sb    | Bi   | V     | Ca   |       |
| Unit    | kg   | ppm  | ppm   | ppm   | ppm  | ppb   | ppm  | ppm   | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm   | ppm   | ppm  | ppm   | %    |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.01  | 0.1  | 2     | 0.1  | 0.1   | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01  | 0.02  | 0.02 | 2     | 0.01 |       |
| 1302032 | Rock | 1.56 | 3.12  | 10.45 | 2.56 | 1.7   | 435  | 3.1   | 0.1  | 29   | 1.51 | 10.0 | 0.7  | 1.6  | 0.2  | 6.7   | 0.03  | 0.22 | 0.09  | 31   | <0.01 |
| 1302033 | Rock | 1.94 | 1.34  | 303.7 | 2.65 | 2068  | 410  | 257.8 | 10.1 | 304  | 2.85 | 3.7  | 3.6  | <0.2 | 0.3  | 176.5 | 17.35 | 0.47 | 0.05  | 39   | 0.48  |
| 1302034 | Rock | 1.70 | 0.19  | 5.81  | 3.17 | 4.1   | 177  | 1.7   | 0.2  | 14   | 1.36 | 1.7  | 0.1  | 3.7  | 0.1  | 23.9  | 0.01  | 0.25 | 0.04  | 15   | <0.01 |
| 1302035 | Rock | 1.31 | 34.53 | 58.89 | 5.98 | 151.2 | 1835 | 64.2  | 1.0  | 25   | 9.14 | 6.9  | 17.2 | <0.2 | 0.4  | 543.0 | 1.37  | 4.08 | 0.10  | 445  | 0.19  |
| 1302036 | Rock | 1.53 | 1.21  | 7.66  | 2.79 | 62.6  | 346  | 13.6  | 1.6  | 68   | 0.73 | 7.6  | 1.3  | <0.2 | 0.9  | 664.9 | 0.73  | 0.58 | <0.02 | 20   | 11.66 |
| 1302037 | Rock | 0.72 | 0.37  | 2.37  | 1.23 | 24.5  | 124  | 3.7   | 0.8  | 58   | 0.32 | 4.2  | 1.1  | <0.2 | 0.5  | 1592  | 0.37  | 0.25 | <0.02 | 17   | 24.61 |
| 1302038 | Rock | 0.45 | 0.13  | 1.06  | 0.57 | 13.2  | 78   | 2.5   | 0.3  | 90   | 0.15 | 1.8  | 1.0  | <0.2 | 0.2  | 973.7 | 0.24  | 0.15 | <0.02 | 8    | 31.65 |



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 Vancouver BC V6C 3L6 Canada

Project: FACE  
 Report Date: August 15, 2012

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000415.1

| Method  | 1F15  | 1F15  | 1F15 | 1F15  | 1F15  | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---------|-------|-------|------|-------|-------|-------|--------|------|-------|-------|-------|------|------|-------|------|------|------|------|------|
| Analyte | P     | La    | Cr   | Mg    | Ba    | Ti    | B      | Al   | Na    | K     | W     | Sc   | Tl   | S     | Hg   | Se   | Te   | Ga   |      |
| Unit    | %     | ppm   | ppm  | %     | ppm   | %     | ppm    | %    | %     | %     | ppm   | ppm  | ppm  | %     | ppb  | ppm  | ppm  | ppm  |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01  | 0.5   | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1   | 0.1  | 0.02 | 0.02  | 5    | 0.1  | 0.02 | 0.1  |      |
| 1302032 | Rock  | 0.008 | <0.5 | 33.7  | <0.01 | 415.1 | <0.001 | 2    | 0.11  | 0.093 | 0.04  | <0.1 | 0.6  | 0.06  | 0.34 | 96   | 6.0  | 0.08 | 2.1  |
| 1302033 | Rock  | 0.098 | <0.5 | 25.9  | 0.21  | 72.1  | <0.001 | 6    | 1.29  | 0.002 | 0.06  | <0.1 | 6.8  | 0.09  | 0.80 | 121  | 3.0  | 0.03 | 1.1  |
| 1302034 | Rock  | 0.006 | <0.5 | 11.7  | 0.02  | 618.0 | <0.001 | 7    | 0.24  | 0.004 | 0.16  | <0.1 | 1.6  | 0.05  | 0.27 | 66   | 0.4  | 0.11 | 1.1  |
| 1302035 | Rock  | 0.238 | 3.2  | 198.4 | 0.03  | 48.4  | 0.004  | 12   | 1.78  | 0.018 | 1.09  | <0.1 | 2.8  | 1.05  | 2.16 | 57   | 15.4 | 0.13 | 2.5  |
| 1302036 | Rock  | 0.026 | 1.3  | 20.8  | 0.11  | 1802  | <0.001 | 9    | 0.12  | 0.008 | 0.05  | <0.1 | 1.9  | 0.08  | 0.12 | 15   | 1.5  | 0.07 | 0.6  |
| 1302037 | Rock  | 0.056 | 2.4  | 14.8  | 0.52  | 2368  | <0.001 | 5    | 0.12  | 0.012 | 0.02  | <0.1 | 0.6  | 0.04  | 0.05 | <5   | 0.3  | 0.14 | 0.2  |
| 1302038 | Rock  | 0.010 | 1.4  | 5.5   | 0.58  | 1808  | <0.001 | 1    | 0.08  | 0.006 | <0.01 | <0.1 | 0.4  | <0.02 | 0.06 | <5   | 0.4  | 0.12 | 0.1  |





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**Project:** FACE  
**Report Date:** August 15, 2012

Page: 1 of 1

Part: 1 of 2

# QUALITY CONTROL REPORT

WHI12000415.1

| Method              | WGHT       | 1F15 | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 |        |
|---------------------|------------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Wgt        | Mo   | Cu    | Pb    | Zn    | Ag    | Ni   | Co   | Mn   | Fe   | As    | U    | Au   | Th    | Sr   | Cd   | Sb    | Bi    | V     | Ca   |        |
| Unit                | kg         | ppm  | ppm   | ppm   | ppm   | ppb   | ppm  | ppm  | ppm  | %    | ppm   | ppm  | ppb  | ppm   | ppm  | ppm  | ppm   | ppm   | ppm   | %    |        |
| MDL                 | 0.01       | 0.01 | 0.01  | 0.01  | 0.1   | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1   | 0.1  | 0.2  | 0.1   | 0.5  | 0.01 | 0.02  | 0.02  | 2     | 0.01 |        |
| Pulp Duplicates     |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| 1302032             | Rock       | 1.56 | 3.12  | 10.45 | 2.56  | 1.7   | 435  | 3.1  | 0.1  | 29   | 1.51  | 10.0 | 0.7  | 1.6   | 0.2  | 6.7  | 0.03  | 0.22  | 0.09  | 31   | <0.01  |
| REP 1302032         | QC         |      | 2.78  | 9.79  | 2.36  | 1.4   | 415  | 2.7  | 0.1  | 27   | 1.48  | 9.5  | 0.6  | 1.4   | 0.1  | 6.1  | 0.02  | 0.22  | 0.04  | 31   | <0.01  |
| Reference Materials |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard   |      | 13.29 | 114.8 | 133.2 | 349.7 | 1903 | 42.7 | 8.3  | 665  | 2.35  | 26.6 | 3.2  | 112.6 | 7.4  | 71.5 | 2.55  | 5.58  | 7.29  | 40   | 0.72   |
| STD DS9             | Standard   |      | 14.25 | 107.3 | 137.6 | 313.2 | 2031 | 43.8 | 8.3  | 620  | 2.32  | 24.4 | 2.6  | 121.7 | 6.0  | 67.5 | 2.28  | 5.29  | 5.78  | 39   | 0.75   |
| STD DS9 Expected    |            |      | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| BLK                 | Blank      |      | <0.01 | <0.01 | 0.01  | <0.1  | <2   | <0.1 | <0.1 | 1    | <0.01 | <0.1 | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| Prep Wash           |            |      |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| G1-WHI              | Prep Blank |      | 0.09  | 2.79  | 3.47  | 49.5  | 8    | 4.0  | 4.8  | 605  | 1.96  | 0.2  | 1.4  | 0.4   | 5.4  | 61.5 | <0.01 | 0.02  | 0.08  | 36   | 0.49   |
| G1-WHI              | Prep Blank |      | 0.09  | 1.88  | 3.28  | 46.2  | 13   | 3.7  | 4.4  | 557  | 1.91  | 0.2  | 1.4  | <0.2  | 4.8  | 68.3 | 0.01  | 0.02  | 0.05  | 35   | 1.21   |



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Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** August 15, 2012

**Page:** 1 of 1

**Part:** 2 of 2

QUALITY CONTROL REPORT

WHI12000415.1

| Method              |            | 1F15   | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |  |
|---------------------|------------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|--|
| Analyte             |            | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |  |
| Unit                |            | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |  |
| MDL                 |            | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |  |
| Pulp Duplicates     |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| 1302032             | Rock       | 0.008  | <0.5 | 33.7  | <0.01  | 415.1 | <0.001 | 2    | 0.11   | 0.093  | 0.04  | <0.1 | 0.6  | 0.06  | 0.34   | 96   | 6.0  | 0.08  | 2.1  |  |
| REP 1302032         | QC         | 0.007  | <0.5 | 32.1  | <0.01  | 408.0 | <0.001 | 2    | 0.09   | 0.093  | 0.04  | <0.1 | 0.5  | 0.06  | 0.34   | 82   | 5.3  | 0.08  | 1.9  |  |
| Reference Materials |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| STD DS9             | Standard   | 0.091  | 16.5 | 129.1 | 0.63   | 330.8 | 0.122  | 4    | 0.99   | 0.084  | 0.40  | 2.9  | 2.8  | 5.67  | 0.17   | 209  | 5.3  | 5.04  | 5.2  |  |
| STD DS9             | Standard   | 0.083  | 13.1 | 124.2 | 0.62   | 323.4 | 0.114  | 3    | 1.00   | 0.094  | 0.41  | 3.3  | 2.6  | 6.18  | 0.16   | 229  | 5.6  | 5.61  | 5.2  |  |
| STD DS9 Expected    |            | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |  |
| BLK                 | Blank      | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |  |
| Prep Wash           |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |  |
| G1-WHI              | Prep Blank | 0.084  | 10.6 | 6.2   | 0.59   | 244.7 | 0.123  | 2    | 0.97   | 0.062  | 0.45  | <0.1 | 2.4  | 0.29  | <0.02  | <5   | <0.1 | <0.02 | 5.5  |  |
| G1-WHI              | Prep Blank | 0.079  | 10.4 | 6.3   | 0.96   | 237.5 | 0.115  | 1    | 0.99   | 0.081  | 0.46  | <0.1 | 2.3  | 0.28  | <0.02  | <5   | <0.1 | <0.02 | 5.2  |  |



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650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: August 01, 2012  
Report Date: August 11, 2012  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI12000513.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2012-19  
P.O. Number: NA-12359  
Number of Samples: 5

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                                      | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250    | 5                 | Crush, split and pulverize 250 g rock to 200 mesh     |              |               | WHI |
| 1F02        | 5                 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 15           | Completed     | VAN |

### SAMPLE DISPOSAL

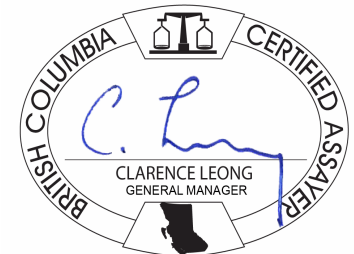
STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

### ADDITIONAL COMMENTS

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: Rackla Metals Inc.  
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Canada

CC: Samantha Dyck  
Simon Ridgway  
Database Backup



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Project: FACE  
 Report Date: August 11, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000513.1

| Method  | WGHT | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 |       |
|---------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| Analyte | Wgt  | Mo   | Cu    | Pb   | Zn   | Ag    | Ni   | Co   | Mn   | Fe   | As   | U    | Au   | Th   | Sr   | Cd   | Sb   | Bi   | V     | Ca   |       |
| Unit    | kg   | ppm  | ppm   | ppm  | ppm  | ppb   | ppm  | ppm  | ppm  | %    | ppm  | ppm  | ppb  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm   | %    |       |
| MDL     | 0.01 | 0.01 | 0.01  | 0.01 | 0.1  | 2     | 0.1  | 0.1  | 1    | 0.01 | 0.1  | 0.1  | 0.2  | 0.1  | 0.5  | 0.01 | 0.02 | 0.02 | 2     | 0.01 |       |
| 1302039 | Rock | 2.01 | 0.62  | 2.94 | 1.48 | 2.6   | 20   | 3.4  | 1.1  | 88   | 0.26 | 2.3  | 0.5  | <0.2 | 0.4  | 53.3 | 0.06 | 0.13 | 0.02  | 4    | 18.18 |
| 1302040 | Rock | 1.64 | 0.33  | 0.85 | 0.38 | 21.9  | 10   | 3.6  | 0.8  | 58   | 0.19 | 0.5  | 0.5  | <0.2 | <0.1 | 21.9 | 0.63 | 0.06 | <0.02 | 4    | 7.26  |
| 1302041 | Rock | 2.25 | 1.53  | 1.07 | 0.41 | 214.3 | 12   | 35.5 | 2.4  | 119  | 0.35 | 1.4  | 0.6  | 0.4  | <0.1 | 40.0 | 4.25 | 0.18 | <0.02 | 6    | 17.49 |
| 1302042 | Rock | 1.90 | 3.84  | 2.05 | 0.95 | 33.0  | 28   | 6.1  | 0.7  | 68   | 0.14 | 1.8  | 2.9  | <0.2 | <0.1 | 62.7 | 1.23 | 0.49 | <0.02 | 27   | 13.57 |
| 1302043 | Rock | 1.48 | 13.81 | 4.68 | 1.56 | 100.7 | 46   | 26.4 | 1.0  | 89   | 0.45 | 17.3 | 4.1  | <0.2 | 0.1  | 94.3 | 1.85 | 2.26 | <0.02 | 49   | 16.46 |



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Project: FACE  
 Report Date: August 11, 2012

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI12000513.1

| Method  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 |
|---------|-------|-------|------|------|------|-------|--------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|------|
| Analyte | P     | La    | Cr   | Mg   | Ba   | Ti    | B      | Al   | Na    | K     | W     | Sc   | Tl   | S     | Hg    | Se   | Te   | Ga    |      |
| Unit    | %     | ppm   | ppm  | %    | ppm  | %     | ppm    | %    | %     | %     | ppm   | ppm  | ppm  | %     | ppb   | ppm  | ppm  | ppm   |      |
| MDL     | 0.001 | 0.5   | 0.5  | 0.01 | 0.5  | 0.001 | 1      | 0.01 | 0.001 | 0.01  | 0.1   | 0.1  | 0.02 | 0.02  | 5     | 0.1  | 0.02 | 0.1   |      |
| 1302039 | Rock  | 0.014 | 0.9  | 3.3  | 8.18 | 11.0  | <0.001 | 2    | 0.05  | 0.006 | 0.03  | <0.1 | 0.4  | 0.03  | <0.02 | 12   | 0.4  | <0.02 | 0.1  |
| 1302040 | Rock  | 0.017 | <0.5 | 3.0  | 3.98 | 77.9  | <0.001 | <1   | 0.02  | 0.002 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | 5    | 0.1  | <0.02 | <0.1 |
| 1302041 | Rock  | 0.024 | <0.5 | 1.2  | 7.56 | 21.9  | <0.001 | <1   | 0.01  | 0.005 | <0.01 | <0.1 | 0.1  | 0.04  | <0.02 | 24   | 0.3  | <0.02 | 0.2  |
| 1302042 | Rock  | 0.048 | 1.1  | 3.7  | 5.93 | 38.4  | <0.001 | <1   | 0.02  | 0.003 | <0.01 | <0.1 | 0.3  | <0.02 | <0.02 | 12   | 0.2  | <0.02 | 0.1  |
| 1302043 | Rock  | 0.080 | 1.4  | 4.1  | 7.89 | 85.2  | <0.001 | <1   | 0.03  | 0.003 | <0.01 | <0.1 | 0.4  | 0.02  | <0.02 | 22   | 0.5  | <0.02 | 0.1  |



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650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** August 11, 2012

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Part: 1 of 2

## QUALITY CONTROL REPORT

WHI12000513.1

| Method              | WGHT       | 1F15  | 1F15  | 1F15  | 1F15  | 1F15 | 1F15 | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15 | 1F15 | 1F15  | 1F15  | 1F15  | 1F15 | 1F15   |
|---------------------|------------|-------|-------|-------|-------|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|------|--------|
| Analyte             | Wgt        | Mo    | Cu    | Pb    | Zn    | Ag   | Ni   | Co   | Mn   | Fe    | As   | U    | Au    | Th   | Sr   | Cd    | Sb    | Bi    | V    | Ca     |
| Unit                | kg         | ppm   | ppm   | ppm   | ppm   | ppb  | ppm  | ppm  | ppm  | %     | ppm  | ppm  | ppb   | ppm  | ppm  | ppm   | ppm   | ppm   | ppm  | %      |
| MDL                 | 0.01       | 0.01  | 0.01  | 0.01  | 0.1   | 2    | 0.1  | 0.1  | 1    | 0.01  | 0.1  | 0.1  | 0.2   | 0.1  | 0.5  | 0.01  | 0.02  | 0.02  | 2    | 0.01   |
| Reference Materials |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| STD DS9             | Standard   | 11.69 | 98.20 | 118.9 | 299.8 | 1910 | 38.7 | 7.3  | 555  | 2.11  | 24.9 | 2.4  | 120.5 | 5.4  | 57.7 | 2.35  | 5.34  | 5.73  | 37   | 0.70   |
| STD DS9 Expected    |            | 12.84 | 108   | 126   | 317   | 1830 | 40.3 | 7.6  | 575  | 2.33  | 25.5 | 2.69 | 118   | 6.38 | 69.6 | 2.4   | 4.94  | 6.32  | 40   | 0.7201 |
| BLK                 | Blank      | <0.01 | <0.01 | <0.01 | <0.1  | 2    | <0.1 | <0.1 | <1   | <0.01 | 0.5  | <0.1 | <0.2  | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2   | <0.01  |
| Prep Wash           |            |       |       |       |       |      |      |      |      |       |      |      |       |      |      |       |       |       |      |        |
| G1-WHI              | Prep Blank | 0.15  | 2.91  | 2.30  | 39.6  | 13   | 9.2  | 3.7  | 506  | 1.68  | 0.4  | 1.2  | <0.2  | 4.1  | 51.0 | <0.01 | <0.02 | 0.04  | 31   | 0.42   |
| G1-WHI              | Prep Blank | 0.14  | 2.19  | 2.38  | 40.0  | 8    | 2.9  | 3.5  | 521  | 1.73  | 0.3  | 1.2  | <0.2  | 4.2  | 50.4 | <0.01 | <0.02 | 0.02  | 30   | 0.44   |



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650-200 Burrard St.  
Vancouver BC V6C 3L6 Canada

**Project:** FACE  
**Report Date:** August 11, 2012

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Part: 2 of 2

QUALITY CONTROL REPORT

WHI12000513.1

| Method              |            | 1F15   | 1F15 | 1F15  | 1F15   | 1F15  | 1F15   | 1F15 | 1F15   | 1F15   | 1F15  | 1F15 | 1F15 | 1F15  | 1F15   | 1F15 | 1F15 | 1F15  |      |
|---------------------|------------|--------|------|-------|--------|-------|--------|------|--------|--------|-------|------|------|-------|--------|------|------|-------|------|
| Analyte             |            | P      | La   | Cr    | Mg     | Ba    | Ti     | B    | Al     | Na     | K     | W    | Sc   | Tl    | S      | Hg   | Se   | Te    | Ga   |
| Unit                |            | %      | ppm  | ppm   | %      | ppm   | %      | ppm  | %      | %      | %     | ppm  | ppm  | ppm   | %      | ppb  | ppm  | ppm   | ppm  |
| MDL                 |            | 0.001  | 0.5  | 0.5   | 0.01   | 0.5   | 0.001  | 1    | 0.01   | 0.001  | 0.01  | 0.1  | 0.1  | 0.02  | 0.02   | 5    | 0.1  | 0.02  | 0.1  |
| Reference Materials |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| STD DS9             | Standard   | 0.078  | 10.1 | 110.7 | 0.58   | 277.0 | 0.091  | 2    | 0.87   | 0.077  | 0.36  | 3.1  | 2.1  | 5.59  | 0.16   | 194  | 5.5  | 5.27  | 4.5  |
| STD DS9 Expected    |            | 0.0819 | 13.3 | 121   | 0.6165 | 295   | 0.1108 |      | 0.9577 | 0.0853 | 0.395 | 2.89 | 2.5  | 5.3   | 0.1615 | 200  | 5.2  | 5.02  | 4.59 |
| BLK                 | Blank      | <0.001 | <0.5 | <0.5  | <0.01  | <0.5  | <0.001 | <1   | <0.01  | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02  | <5   | <0.1 | <0.02 | <0.1 |
| Prep Wash           |            |        |      |       |        |       |        |      |        |        |       |      |      |       |        |      |      |       |      |
| G1-WHI              | Prep Blank | 0.069  | 8.8  | 7.5   | 0.50   | 142.3 | 0.085  | <1   | 0.84   | 0.103  | 0.45  | <0.1 | 2.0  | 0.30  | <0.02  | <5   | <0.1 | <0.02 | 4.3  |
| G1-WHI              | Prep Blank | 0.068  | 9.8  | 5.7   | 0.47   | 143.0 | 0.087  | <1   | 0.85   | 0.103  | 0.46  | 0.1  | 2.0  | 0.31  | <0.02  | <5   | <0.1 | <0.02 | 4.5  |

## **APPENDIX B**

Rock Sample Locations

And

Analytical Results



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Description   | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 119501     | 11/07/2011  | NAD 83 - 7 | 7183346  | 503521  | 351       |   | WHI11000738 | 100       | 2.2       | 1         | 202       | 13        | 18.3      | 110       | 118       | 0.7       | 11.5      | 5.9       | 0.3       | 0.05      | 34        |
| 119502     | 11/07/2011  | NAD 83 - 7 | 7183326  | 503519  | 351       |   | WHI11000738 | 50        | 1.8       | 1         | 436       | 5         | 22.8      | 60        | 56        | 0.7       | 8.4       | 5         | 0.2       | 0.05      | 28        |
| 119503     | 11/07/2011  | NAD 83 - 7 | 7183118  | 503546  | 349       |   | WHI11000738 | 50        | 1.4       | 1         | 264       | 5         | 26.9      | 40        | 96        | 0.7       | 13        | 5         | 0.2       | 0.05      | 98        |
| 119504     | 11/07/2011  | NAD 83 - 7 | 7182933  | 503566  | 366       |   | WHI11000738 | 100       | 1.3       | 5         | 671       | 3         | 8.9       | 40        | 37        | 0.9       | 3.7       | 6.8       | 0.2       | 0.05      | 12        |
| 119505     | 12/07/2011  | NAD 83 - 7 | 7182925  | 503811  | 475       |   | WHI11000738 | 50        | 58.3      | 3         | 18        | 14        | 20.5      | 120       | 21        | 65.1      | 13.3      | 14.2      | 27.5      | 0.9       | 15        |
| 119506     | 12/07/2011  | NAD 83 - 7 | 7182427  | 503834  | 494       |   | WHI11000738 | 200       | 38.7      | 4         | 309       | 13        | 22.9      | 80        | 57        | 0.7       | 8.2       | 9.4       | 1.3       | 0.05      | 93        |
| 613987     | 22/06/2012  | NAD 83 - 7 | 7178287  | 511695  | 536       | Rock clast with quartz vein. So? 330/42 NE, Fracture cleavage 200/80 W  | WHI12000213 | 11        | 0.5       | 1.5       | 137.4     | 16.2      | 17        | 9         | 790       | 0.42      | 16.6      | 5.05      | 0.09      | 0.02      | 49.7      |
| 613989     | 23/06/2012  | NAD 83 - 7 | 7175561  | 515018  | 600       | Rock float in creek. Green chlorite diabase - 'grey with white pepper' - feldspar phenocrysts. Cross cut by white quartz veins and sheared, fault.      | WHI12000213 | 32        | 10.6      | 2         | 28.8      | 200.1     | 24.92     | 2.5       | 2984      | 0.18      | 211       | 4.48      | 0.06      | 0.01      | 43.9      |
| 613990     | 23/06/2012  | NAD 83 - 7 | 7175155  | 517013  | 554       | Rock float in creek. Feldspar porphyry cross cut by white quartz veins with brecciated margins. Trace disseminated pyrite.                              | WHI12000213 | 36        | 4         | 0.3       | 50.9      | 16.2      | 17.15     | 24        | 154       | 2.2       | 12.2      | 25.13     | 0.47      | 0.05      | 114.7     |
| 613991     | 23/06/2012  | NAD 83 - 7 | 7175188  | 517068  | 540       | 10 m outcrop - grab along creek. Grey limestone cut by fine grained intrusive? Breccia, no visible sulphides, possibly                                  | WHI12000213 | 11        | 1.8       | 0.9       | 29.9      | 1.7       | 1.56      | 2.5       | 351       | 0.54      | 1.6       | 1.14      | 0.05      | 0.01      | 4.8       |
| 1302026    | 25/06/2012  | NAD 83 - 7 | 7183626  | 507289  | 673       | Outcrop-Monomict micro-breccia with carbonate cement -1-3mm clasts of a grey/green volcanic unit, some Qtz  | WHI12000213 | 27        | 1.3       | 0.6       | 316.2     | 138.1     | 24.92     | 2.5       | 843       | 0.2       | 225.4     | 8.92      | 0.07      | 0.2       | 115.9     |
| 1302027    | 26/06/2012  | NAD 83 - 7 | 7184075  | 506406  | 377       | Outcrop-Grey homogeneous limestone with calcite veining and some oxidation. Close to fault (Same location as the rock that Tarsis took which ran in Ag) | WHI12000213 | 11        | 2         | 0.7       | 112.9     | 1.4       | 2.46      | 2.5       | 242       | 0.09      | 3.5       | 6.08      | 0.07      | 0.05      | 46.4      |
| 1302028    | 01/07/2012  | NAD 83 - 7 | 7177638  | 505633  | 976       | Outcrop- Folded (foliated in places) intensely veined and ox dirty looking limestone  | WHI12000297 | 194       | 4.2       | 0.1       | 30        | 1.8       | 4.54      | 56        | 855       | 0.21      | 4.1       | 2.85      | 1.85      | 0.03      | 4.2       |
| 1302029    | 03/07/2012  | NAD 83 - 7 | 7180321  | 504405  | 836       | Float- Ox and veined f.g siliciclastic rock   | WHI12000297 | 57        | 1.1       | 1.3       | 955.6     | 6.2       | 4.17      | 54        | 21        | 0.38      | 0.7       | 7.13      | 0.21      | 0.05      | 1         |
| 1302030    | 06/07/2012  | NAD 83 - 7 | 7186763  | 512177  | 992       | Float-Monomict matrix-supported calcarious conglomerate with clasts of a f.g basic igneous rock   | WHI12000352 | 11        | 7.5       | 0.1       | 53.8      | 3.6       | 1.68      | 2.5       | 194       | 5.76      | 2.7       | 4.76      | 0.19      | 0.05      | 18        |
| 1302031    | 06/07/2012  | NAD 83 - 7 | 7187498  | 512740  | 882       | Outcrop- Polymict silicified breccia  | WHI12000352 | 46        | 3.5       | 1.2       | 529.8     | 18.8      | 9.23      | 44        | 91        | 2.6       | 6.8       | 3.39      | 0.36      | 0.08      | 89.9      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Description   | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302032    | 13/07/2012  | NAD 83 - 7 | 7187274  | 519165  | 612       | Float-Ox grey cataclastic unit as float on the side of stream. The rock contains Quartz clasts and slickenside surfaces | WHI12000415 | 435       | 10        | 1.6       | 415.1     | 33.7      | 10.45     | 96        | 29        | 3.12      | 3.1       | 2.56      | 0.22      | 0.06      | 1.7       |
| 1302033    | 13/07/2012  | NAD 83 - 7 | 7187135  | 519535  | 726       | Subcrop-cataclastic in grey shale, Qtz veining, Ox.   | WHI12000415 | 410       | 3.7       | 0.1       | 72.1      | 25.9      | 303.68    | 121       | 304       | 1.34      | 257.8     | 2.65      | 0.47      | 0.09      | 2067.8    |
| 1302034    | 13/07/2012  | NAD 83 - 7 | 7186888  | 519510  | 752       | Subcrop-deeply oxidized dark grey shale. In close proximity to rock with slickensides.                                  | WHI12000415 | 177       | 1.7       | 3.7       | 618       | 11.7      | 5.81      | 66        | 14        | 0.19      | 1.7       | 3.17      | 0.25      | 0.05      | 4.1       |
| 1302035    | 15/07/2012  | NAD 83 - 7 | 7188511  | 518281  | 550       | Ferricrete  | WHI12000415 | 1835      | 6.9       | 0.1       | 48.4      | 198.4     | 58.89     | 57        | 25        | 34.53     | 64.2      | 5.98      | 4.08      | 1.05      | 151.2     |
| 1302036    | 16/07/2012  | NAD 83 - 7 | 7186944  | 518310  | 848       | Float - Carb cemented breccia (clasts <1cm)   | WHI12000415 | 346       | 7.6       | 0.1       | 1801.8    | 20.8      | 7.66      | 15        | 68        | 1.21      | 13.6      | 2.79      | 0.58      | 0.08      | 62.6      |
| 1302037    | 16/07/2012  | NAD 83 - 7 | 7186944  | 518310  | 848       | Float - Carb cemented breccia (clasts <1cm) with calcite stringer and some Ox   | WHI12000415 | 124       | 4.2       | 0.1       | 2368.1    | 14.8      | 2.37      | 2.5       | 58        | 0.37      | 3.7       | 1.23      | 0.25      | 0.04      | 24.5      |
| 1302038    | 16/07/2012  | NAD 83 - 7 | 7186944  | 518310  | 848       | Float - Yellow weathered recrystallised limestone   | WHI12000415 | 78        | 1.8       | 0.1       | 1807.7    | 5.5       | 1.06      | 2.5       | 90        | 0.13      | 2.5       | 0.57      | 0.15      | 0.01      | 13.2      |
| 1302039    | 25/07/2012  | NAD 83 - 7 | 7184767  | 527203  | 1286      | Subcrop - Silicified? Breccia w limestone clasts  | WHI12000513 | 20        | 2.3       | 0.1       | 11        | 3.3       | 2.94      | 12        | 88        | 0.62      | 3.4       | 1.48      | 0.13      | 0.03      | 2.6       |
| 1302040    | 25/07/2012  | NAD 83 - 7 | 7185241  | 526611  | 1129      | Float - Grey Limestone(dolomitic) w yellow staining   | WHI12000513 | 10        | 0.5       | 0.1       | 77.9      | 3         | 0.85      | 5         | 58        | 0.33      | 3.6       | 0.38      | 0.06      | 0.01      | 21.9      |
| 1302041    | 25/07/2012  | NAD 83 - 7 | 7185442  | 526047  | 1021      | Outcrop - Orange/yellow limestone unit w red stained areas surrounding dark mineral sites sulphide?                     | WHI12000513 | 12        | 1.4       | 0.4       | 21.9      | 1.2       | 1.07      | 24        | 119       | 1.53      | 35.5      | 0.41      | 0.18      | 0.04      | 214.3     |
| 1302042    | 27/07/2012  | NAD 83 - 7 | 7185719  | 525083  | 1036      | Outcrop - Polymict silicified breccia   | WHI12000513 | 28        | 1.8       | 0.1       | 38.4      | 3.7       | 2.05      | 12        | 68        | 3.84      | 6.1       | 0.95      | 0.49      | 0.01      | 33        |
| 1302043    | 27/07/2012  | NAD 83 - 7 | 7185719  | 525082  | 1036      | Outcrop- Polymict silicified breccia - Ox version   | WHI12000513 | 46        | 17.3      | 0.1       | 85.2      | 4.1       | 4.68      | 22        | 89        | 13.81     | 26.4      | 1.56      | 2.26      | 0.02      | 100.7     |

## **APPENDIX C**

Soil Sample Locations  
and  
Analytical Results

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 118301     | 12/07/2011  | NAD 83 - 7 | 7182280  | 503866  | 484       | WHI11000789 | 298       | 13.8      | 3.6       | 291       | 33.2      | 29.82     | 41        | 210       | 3.64      | 39.1      | 12.75     | 2.32      | 0.21      | 164.3     |
| 118302     | 12/07/2011  | NAD 83 - 7 | 7182394  | 503836  | 493       | WHI11000789 | 4161      | 393.2     | 15.6      | 73.8      | 55.1      | 65.29     | 158       | 70        | 21.86     | 36.3      | 101.48    | 6.03      | 1.29      | 417.1     |
| 118303     | 12/07/2011  | NAD 83 - 7 | 7182490  | 503803  | 484       | WHI11000789 | 737       | 420.8     | 38.4      | 49.7      | 43.4      | 133.2     | 995       | 706       | 13.76     | 38.3      | 162.96    | 6.19      | 1.82      | 237.5     |
| 118304     | 12/07/2011  | NAD 83 - 7 | 7182598  | 503791  | 472       | WHI11000789 | 311       | 28.5      | 5.1       | 1449.9    | 19.6      | 42.25     | 123       | 12        | 18.8      | 3.3       | 38.17     | 2.76      | 1.3       | 48.5      |
| 118305     | 12/07/2011  | NAD 83 - 7 | 7182696  | 503809  | 453       | WHI11000789 | 266       | 16.3      | 6.2       | 835.8     | 15.8      | 26.79     | 75        | 54        | 1.6       | 6.9       | 20.16     | 1.58      | 0.34      | 60.6      |
| 118306     | 12/07/2011  | NAD 83 - 7 | 7182798  | 503828  | 457       | WHI11000789 | 621       | 46.6      | 5.5       | 655.2     | 43.6      | 81.23     | 100       | 363       | 3.56      | 120.5     | 19.68     | 4.31      | 0.23      | 329       |
| 118307     | 12/07/2011  | NAD 83 - 7 | 7182899  | 503812  | 468       | WHI11000789 | 1391      | 39.5      | 6.6       | 462.9     | 49.5      | 33.15     | 88        | 76        | 34.69     | 23.9      | 70.05     | 11.66     | 1.57      | 57.6      |
| 118308     | 12/07/2011  | NAD 83 - 7 | 7183001  | 503793  | 459       | WHI11000789 | 730       | 62        | 4.4       | 628.6     | 39.8      | 15.69     | 51        | 196       | 19.19     | 41.1      | 40.16     | 6.51      | 1.75      | 110.7     |
| 118309     | 12/07/2011  | NAD 83 - 7 | 7183081  | 503731  | 419       | WHI11000789 | 241       | 20.2      | 3.8       | 383.3     | 33.3      | 24.78     | 29        | 158       | 10.91     | 30.6      | 22        | 4         | 0.48      | 80.7      |
| 118310     | 12/07/2011  | NAD 83 - 7 | 7183143  | 503673  | 385       | WHI11000789 | 584       | 22.8      | 7.3       | 789.8     | 30.7      | 54.65     | 173       | 79        | 33.42     | 31.7      | 145.21    | 15.22     | 2         | 145.7     |
| 119551     | 08/07/2011  | NAD 83 - 7 | 7183141  | 504474  | 472       | WHI11000789 | 360       | 11.6      | 3.4       | 668.4     | 24.2      | 31.21     | 64        | 134       | 4.09      | 19.9      | 14.32     | 2.17      | 0.23      | 86.7      |
| 119552     | 08/07/2011  | NAD 83 - 7 | 7182947  | 504508  | 528       | WHI11000789 | 611       | 14        | 4.7       | 389.4     | 26.5      | 34.49     | 155       | 111       | 7.51      | 24        | 16.76     | 4.26      | 0.56      | 87.4      |
| 119553     | 08/07/2011  | NAD 83 - 7 | 7182753  | 504541  | 569       | WHI11000789 | 360       | 52.5      | 4.1       | 1047      | 50.1      | 47.42     | 41        | 174       | 4.29      | 35.7      | 20.74     | 2.22      | 0.41      | 90.4      |
| 119554     | 08/07/2011  | NAD 83 - 7 | 7182553  | 504583  | 603       | WHI11000789 | 475       | 69.6      | 12.4      | 1345.3    | 90.5      | 90.21     | 183       | 289       | 3.31      | 52.5      | 27.8      | 2.01      | 0.6       | 181.1     |
| 119555     | 08/07/2011  | NAD 83 - 7 | 7182340  | 504609  | 647       | WHI11000789 | 114       | 21.1      | 7.8       | 462.3     | 34.5      | 19.91     | 14        | 228       | 2.39      | 23.1      | 12.67     | 1.12      | 0.19      | 77.2      |
| 119556     | 08/07/2011  | NAD 83 - 7 | 7182198  | 504624  | 635       | WHI11000789 | 1657      | 83.9      | 52        | 308.8     | 31.9      | 107.41    | 1461      | 2414      | 8.53      | 39.6      | 74.01     | 6.05      | 0.54      | 171.2     |
| 119557     | 08/07/2011  | NAD 83 - 7 | 7182193  | 504524  | 609       | WHI11000789 | 219       | 16.9      | 6.3       | 295       | 29.3      | 35.15     | 54        | 154       | 1.98      | 18        | 12.86     | 1.29      | 0.19      | 54.3      |
| 119558     | 08/07/2011  | NAD 83 - 7 | 7182174  | 504428  | 576       | WHI11000789 | 482       | 35.9      | 20        | 910.3     | 31.6      | 28.64     | 143       | 232       | 5.81      | 18.2      | 29.45     | 2.19      | 0.53      | 72        |
| 119559     | 08/07/2011  | NAD 83 - 7 | 7182099  | 504311  | 530       | WHI11000789 | 489       | 21.3      | 3.5       | 722.2     | 23.4      | 19.25     | 24        | 520       | 6.87      | 20.4      | 20.5      | 1.97      | 0.26      | 111.4     |
| 119560     | 08/07/2011  | NAD 83 - 7 | 7182081  | 504210  | 504       | WHI11000789 | 309       | 8.9       | 1.7       | 451.6     | 13.7      | 18.71     | 47        | 109       | 3.7       | 18.2      | 14.58     | 0.99      | 0.13      | 124.7     |
| 119561     | 09/07/2011  | NAD 83 - 7 | 7183195  | 503490  | 365       | WHI11000789 | 519       | 7.4       | 2.3       | 428.6     | 18.7      | 26.2      | 166       | 61        | 3.44      | 13.5      | 23.59     | 2.63      | 0.44      | 47.1      |
| 119562     | 09/07/2011  | NAD 83 - 7 | 7183121  | 503459  | 407       | WHI11000789 | 689       | 16.1      | 22.4      | 776       | 25.5      | 33.09     | 318       | 102       | 9.23      | 18.2      | 53.3      | 7.96      | 0.6       | 59.5      |
| 119563     | 09/07/2011  | NAD 83 - 7 | 7183064  | 503383  | 437       | WHI11000789 | 230       | 9.8       | 3.7       | 492       | 17.1      | 16.74     | 24        | 174       | 3.93      | 16.7      | 22.73     | 2.25      | 0.52      | 152.3     |
| 119564     | 09/07/2011  | NAD 83 - 7 | 7182979  | 503341  | 459       | WHI11000789 | 190       | 11.6      | 5.8       | 1100.3    | 16.3      | 24.47     | 61        | 126       | 4.23      | 17.8      | 21.41     | 1.63      | 0.25      | 87        |
| 119565     | 09/07/2011  | NAD 83 - 7 | 7182891  | 503301  | 479       | WHI11000789 | 269       | 25.7      | 5.7       | 324.4     | 15.2      | 41.19     | 88        | 33        | 14.31     | 12.7      | 44.96     | 2.69      | 1.74      | 144.1     |
| 119566     | 09/07/2011  | NAD 83 - 7 | 7182809  | 503256  | 522       | WHI11000789 | 1764      | 169       | 16        | 2135.6    | 61.3      | 48.2      | 63        | 149       | 3.17      | 18.5      | 56.68     | 5.75      | 0.31      | 127.9     |
| 119567     | 09/07/2011  | NAD 83 - 7 | 7182760  | 503164  | 553       | WHI11000789 | 647       | 57.8      | 1.4       | 559.9     | 24.7      | 19.65     | 9         | 100       | 3.99      | 11.2      | 38.03     | 4.61      | 0.26      | 103.5     |
| 119568     | 09/07/2011  | NAD 83 - 7 | 7182658  | 503141  | 566       | WHI11000789 | 1005      | 42.7      | 3.3       | 1207.7    | 24.5      | 38.44     | 87        | 171       | 136.59    | 14.2      | 111.69    | 30.22     | 5.17      | 86.5      |
| 119569     | 09/07/2011  | NAD 83 - 7 | 7182528  | 503149  | 551       | WHI11000789 | 213       | 11.6      | 0.1       | 306       | 23.8      | 8.09      | 38        | 65        | 9.78      | 8.9       | 21.86     | 4.76      | 0.3       | 63        |
| 119570     | 09/07/2011  | NAD 83 - 7 | 7182423  | 503150  | 562       | WHI11000789 | 116       | 14.1      | 2         | 249.4     | 33.5      | 19.02     | 43        | 117       | 11.14     | 22.4      | 19.41     | 5.61      | 0.78      | 191.1     |
| 119571     | 09/07/2011  | NAD 83 - 7 | 7182305  | 503115  | 561       | WHI11000789 | 350       | 39.4      | 0.1       | 189.8     | 40.9      | 36.87     | 48        | 105       | 23.43     | 35.1      | 19.85     | 7.31      | 1.37      | 170.9     |
| 119572     | 09/07/2011  | NAD 83 - 7 | 7182240  | 503095  | 565       | WHI11000789 | 1236      | 57.1      | 6.7       | 355.1     | 91        | 81.85     | 295       | 35        | 121.98    | 42.6      | 91.01     | 23.1      | 7.7       | 291.2     |
| 119573     | 09/07/2011  | NAD 83 - 7 | 7182803  | 503083  | 542       | WHI11000789 | 222       | 82.9      | 2.7       | 2334.4    | 62.8      | 103.97    | 18        | 311       | 3.77      | 45.3      | 37.67     | 3.91      | 0.19      | 311.4     |
| 119574     | 09/07/2011  | NAD 83 - 7 | 7182888  | 503030  | 512       | WHI11000789 | 353       | 11        | 0.1       | 266.6     | 21.2      | 9.93      | 24        | 116       | 2.86      | 11.7      | 16.08     | 1.57      | 0.21      | 80.2      |
| 119575     | 09/07/2011  | NAD 83 - 7 | 7182959  | 502970  | 498       | WHI11000789 | 169       | 11.9      | 3.1       | 740.2     | 19.4      | 18.14     | 26        | 95        | 6.22      | 12.3      | 21.89     | 2.38      | 0.68      | 110.4     |
| 119576     | 09/07/2011  | NAD 83 - 7 | 7183045  | 502915  | 462       | WHI11000789 | 98        | 7.5       | 4.6       | 522.9     | 15.1      | 13.16     | 23        | 71        | 3.34      | 9.2       | 15.67     | 0.98      | 0.31      | 55.8      |
| 119577     | 09/07/2011  | NAD 83 - 7 | 7183135  | 502871  | 429       | WHI11000789 | 266       | 16.1      | 3.5       | 1697.6    | 17.8      | 48.36     | 118       | 41        | 9.25      | 22.6      | 25.14     | 2.56      | 0.55      | 167.7     |
| 119578     | 09/07/2011  | NAD 83 - 7 | 7183211  | 502809  | 411       | WHI11000789 | 186       | 15.3      | 2.2       | 615.2     | 24.6      | 26.31     | 34        | 97        | 8.76      | 27.5      | 20.32     | 3.34      | 0.32      | 210.2     |
| 119579     | 11/07/2011  | NAD 83 - 7 | 7183334  | 505821  | 594       | WHI11000789 | 318       | 10.2      | 0.2       | 441.3     | 12.9      | 15.1      | 2.5       | 55        | 4.55      | 9         | 17.85     | 1.47      | 0.35      | 78.3      |
| 119580     | 11/07/2011  | NAD 83 - 7 | 7183226  | 505789  | 583       | WHI11000789 | 278       | 9.5       | 2.1       | 389.5     | 13.8      | 18.45     | 9         | 57        | 4.04      | 16.2      | 14.48     | 1.62      | 0.27      | 97.1      |
| 119581     | 11/07/2011  | NAD 83 - 7 | 7183103  | 505778  | 599       | WHI11000789 | 557       | 13.2      | 0.1       | 520.9     | 24.8      | 28.2      | 34        | 69        | 5.91      | 21        | 20.26     | 2.15      | 0.67      | 111.5     |
| 119582     | 11/07/2011  | NAD 83 - 7 | 7182984  | 505708  | 637       | WHI11000789 | 307       | 10        | 0.1       | 363.4     | 22.6      | 33.77     | 25        | 59        | 4.82      | 22.2      | 13.93     | 1.92      | 0.61      | 87.4      |
| 119583     | 11/07/2011  | NAD 83 - 7 | 7182893  | 505665  | 602       | WHI11000789 | 1058      | 15.1      | 2.1       | 1023      | 22.1      | 37.16     | 17        | 56        | 5.65      | 34.6      | 20.4      | 1.62      | 0.48      | 148.3     |
| 119584     | 11/07/2011  | NAD 83 - 7 | 7182762  | 505635  | 567       | WHI11000789 | 197       | 13.6      | 0.1       | 696.6     | 15.4      | 22.18     | 24        | 29        | 8.8       | 9.3       | 20.54     | 1.98      | 0.92      | 61.8      |
| 119585     | 11/07/2011  | NAD 83 - 7 | 7182650  | 505610  | 392       | WHI11000789 | 440       | 21.6      | 6.2       | 1631      | 15.7      | 37.8      | 292       | 15        | 4.89      | 6.3       | 13.77     | 1.57      | 0.56      | 14.2      |
| 119586     | 11/07/2011  | NAD 83 - 7 | 7182996  | 505603  | 627       | WHI11000789 | 241       | 10.5      | 0.1       | 441.9     | 16.8      | 19.15     | 13        | 54        | 4.18      | 13.5      | 16.51     | 1.77      | 0.4       | 82.6      |
| 119587     | 11/07/2011  | NAD 83 - 7 | 7183060  | 505517  | 622       | WHI11000789 | 237       | 10.2      | 0.6       | 537.8     | 22.7      | 33.15     | 19        | 47        | 5.05      | 25.6      | 21.56     | 1.11      | 0.47      | 141       |
| 119588     | 11/07/2011  | NAD 83 - 7 | 7183101  | 505425  | 613       | WHI11000789 | 185       | 7.2       | 1.2       | 283.8     | 17        | 17.74     | 20        | 60        | 4.69      | 15.6      | 16.37     | 1.03      | 0.47      | 88        |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 119589     | 11/07/2011  | NAD 83 - 7 | 7183165  | 505342  | 600       | WHI11000789 | 123    | 9.1    | 0.1    | 336    | 23.7   | 20.06  | 24     | 134    | 3.41   | 18.2   | 13.77  | 1.13   | 0.31   | 97     |
| 119590     | 11/07/2011  | NAD 83 - 7 | 7183204  | 505265  | 583       | WHI11000789 | 305    | 9.1    | 3.9    | 344.4  | 27.4   | 24.15  | 2.5    | 111    | 3.38   | 23.7   | 12.98  | 1.14   | 0.35   | 107.6  |
| 119591     | 11/07/2011  | NAD 83 - 7 | 7183242  | 505163  | 559       | WHI11000789 | 98     | 9.9    | 0.1    | 305.6  | 27.6   | 21.49  | 2.5    | 123    | 3.56   | 19.3   | 15.15  | 1.46   | 0.38   | 91.6   |
| 119592     | 11/07/2011  | NAD 83 - 7 | 7183303  | 505087  | 524       | WHI11000789 | 524    | 16.7   | 3.8    | 534.4  | 18     | 52.49  | 60     | 103    | 10.72  | 47.4   | 37.92  | 5.09   | 1.29   | 329.3  |
| 119593     | 11/07/2011  | NAD 83 - 7 | 7183348  | 505001  | 490       | WHI11000789 | 201    | 10.1   | 7.1    | 824    | 19.6   | 32.04  | 76     | 130    | 4.43   | 28.7   | 18.65  | 2.12   | 0.37   | 123.5  |
| 119594     | 12/07/2011  | NAD 83 - 7 | 7183400  | 505799  |           | WHI11000789 | 394    | 17.6   | 1      | 440.9  | 18     | 18.05  | 14     | 87     | 4.82   | 15.2   | 16.64  | 2.4    | 0.41   | 97     |
| 119595     | 12/07/2011  | NAD 83 - 7 | 7183500  | 505799  |           | WHI11000789 | 244    | 15.4   | 1.3    | 343.2  | 22.4   | 17.46  | 19     | 124    | 3.89   | 16.5   | 15.1   | 1.82   | 0.26   | 86     |
| 119596     | 12/07/2011  | NAD 83 - 7 | 7183600  | 505799  |           | WHI11000789 | 96     | 17.4   | 1.2    | 209    | 18.1   | 22.07  | 26     | 116    | 3.55   | 25.9   | 18.61  | 1.88   | 0.27   | 117.1  |
| 119597     | 12/07/2011  | NAD 83 - 7 | 7183704  | 505794  |           | WHI11000789 | 103    | 10.4   | 2.6    | 340.4  | 21.1   | 29.1   | 30     | 115    | 3.46   | 21.6   | 11.16  | 1.87   | 0.27   | 101.2  |
| 119598     | 12/07/2011  | NAD 83 - 7 | 7183800  | 505799  |           | WHI11000789 | 216    | 16.5   | 1.8    | 414.3  | 26.6   | 15.38  | 7      | 113    | 2.61   | 14.7   | 16.86  | 1.06   | 0.23   | 79.7   |
| 119599     | 12/07/2011  | NAD 83 - 7 | 7183900  | 505799  |           | WHI11000789 | 758    | 34.9   | 1.1    | 635.2  | 27.4   | 56.64  | 40     | 52     | 16.53  | 27.6   | 36.43  | 7.42   | 1.27   | 194.5  |
| 119600     | 12/07/2011  | NAD 83 - 7 | 7184100  | 505799  |           | WHI11000789 | 98     | 37.8   | 0.4    | 713.9  | 114.3  | 52.79  | 34     | 886    | 4.16   | 107.1  | 34.94  | 0.43   | 0.9    | 100.2  |
| 119651     | 12/07/2011  | NAD 83 - 7 | 7184250  | 505599  |           | WHI11000789 | 104    | 6.1    | 0.1    | 148.8  | 9      | 16.43  | 44     | 310    | 0.58   | 15.1   | 57.34  | 0.38   | 0.36   | 164.5  |
| 119652     | 12/07/2011  | NAD 83 - 7 | 7184150  | 505599  |           | WHI11000789 | 93     | 6.4    | 0.9    | 291    | 11.2   | 15.4   | 49     | 797    | 0.7    | 15.4   | 103.18 | 0.54   | 0.4    | 688.7  |
| 119653     | 12/07/2011  | NAD 83 - 7 | 7183950  | 505599  |           | WHI11000789 | 83     | 7.3    | 0.6    | 431.1  | 61.2   | 20.27  | 18     | 577    | 1.8    | 61.1   | 27.23  | 0.55   | 0.21   | 168.5  |
| 119654     | 12/07/2011  | NAD 83 - 7 | 7183850  | 505599  |           | WHI11000789 | 264    | 14     | 1.5    | 643.7  | 18     | 30.38  | 22     | 69     | 6.67   | 28.8   | 25.36  | 1.65   | 0.75   | 152.9  |
| 119655     | 12/07/2011  | NAD 83 - 7 | 7183750  | 505599  |           | WHI11000789 | 390    | 9      | 0.5    | 915.1  | 22.4   | 25.11  | 15     | 436    | 2.57   | 24.5   | 14.89  | 1      | 0.2    | 99.9   |
| 119656     | 12/07/2011  | NAD 83 - 7 | 7183650  | 505599  |           | WHI11000789 | 119    | 12.6   | 1.7    | 317.9  | 28.6   | 19.02  | 21     | 111    | 2.98   | 23.1   | 14.15  | 1.28   | 0.24   | 96.3   |
| 119657     | 12/07/2011  | NAD 83 - 7 | 7183550  | 505599  |           | WHI11000789 | 131    | 12.1   | 1.5    | 304.9  | 25.9   | 21.87  | 23     | 113    | 3.27   | 19.1   | 13.98  | 1.31   | 0.36   | 81.6   |
| 119658     | 12/07/2011  | NAD 83 - 7 | 7183450  | 505599  |           | WHI11000789 | 246    | 10.7   | 1.1    | 304.5  | 20     | 13.61  | 10     | 80     | 3.48   | 13     | 23.77  | 1.38   | 0.3    | 91.8   |
| 119659     | 12/07/2011  | NAD 83 - 7 | 7183350  | 505599  |           | WHI11000789 | 254    | 8.5    | 3.4    | 764.8  | 19.1   | 34.61  | 62     | 147    | 4.12   | 24.6   | 13.81  | 2.02   | 0.38   | 112.6  |
| 119660     | 12/07/2011  | NAD 83 - 7 | 7183350  | 505399  |           | WHI11000789 | 186    | 11.7   | 1.3    | 470.6  | 23.1   | 31.09  | 33     | 95     | 4.96   | 40.6   | 25.37  | 2.61   | 0.61   | 207.7  |
| 119661     | 12/07/2011  | NAD 83 - 7 | 7183450  | 505399  |           | WHI11000789 | 199    | 10.3   | 2.2    | 394.6  | 22.5   | 20.81  | 28     | 69     | 4.84   | 17.5   | 15.78  | 1.6    | 0.5    | 91.3   |
| 119662     | 12/07/2011  | NAD 83 - 7 | 7183550  | 505399  |           | WHI11000789 | 293    | 8.8    | 3.8    | 464.7  | 19.2   | 34.1   | 60     | 65     | 4.59   | 21.6   | 19.47  | 1.63   | 0.46   | 105.1  |
| 119663     | 12/07/2011  | NAD 83 - 7 | 7183650  | 505399  |           | WHI11000789 | 174    | 11     | 2.9    | 844    | 25.2   | 23.51  | 33     | 144    | 3.32   | 24.3   | 11.05  | 1.57   | 0.22   | 96.3   |
| 119664     | 12/07/2011  | NAD 83 - 7 | 7183750  | 505399  |           | WHI11000789 | 692    | 14.7   | 1.3    | 729.8  | 20.2   | 20.78  | 28     | 62     | 7.2    | 12.4   | 31.28  | 2.62   | 0.67   | 83.8   |
| 119665     | 12/07/2011  | NAD 83 - 7 | 7183850  | 505399  |           | WHI11000789 | 243    | 10.6   | 0.9    | 462.8  | 21     | 15.25  | 7      | 91     | 3.46   | 16.4   | 16.69  | 1.49   | 0.23   | 105.7  |
| 119666     | 12/07/2011  | NAD 83 - 7 | 7183950  | 505399  |           | WHI11000789 | 420    | 12.4   | 1      | 387.3  | 25.1   | 14.6   | 11     | 206    | 4.71   | 23.7   | 17.51  | 1.56   | 0.32   | 119.6  |
| 119667     | 12/07/2011  | NAD 83 - 7 | 7184050  | 505399  |           | WHI11000789 | 66     | 2.8    | 0.1    | 1081.8 | 196.7  | 61.01  | 37     | 1534   | 0.63   | 199.8  | 9.24   | 0.17   | 0.32   | 95.4   |
| 119668     | 13/07/2011  | NAD 83 - 7 | 7184100  | 504799  |           | WHI11000789 | 331    | 14     | 4      | 1204   | 28.5   | 42.04  | 110    | 238    | 3.47   | 40.8   | 16.91  | 1.38   | 0.38   | 184.6  |
| 119669     | 12/07/2011  | NAD 83 - 7 | 7184000  | 504799  |           | WHI11000789 | 299    | 10.7   | 2      | 677    | 31.4   | 31.24  | 51     | 230    | 3.07   | 28.9   | 11.96  | 1.69   | 0.15   | 90.1   |
| 119670     | 13/07/2011  | NAD 83 - 7 | 7183900  | 504799  |           | WHI11000789 | 295    | 14     | 3.7    | 761.9  | 37.5   | 37.79  | 57     | 328    | 3.78   | 37.9   | 13.82  | 2.03   | 0.23   | 136.8  |
| 119671     | 12/07/2011  | NAD 83 - 7 | 7183657  | 504797  | 407       | WHI11000789 | 268    | 14.1   | 4.8    | 641.7  | 34.2   | 44     | 105    | 217    | 3.98   | 35.2   | 14.8   | 2.37   | 0.29   | 104.7  |
| 119672     | 13/07/2011  | NAD 83 - 7 | 7183550  | 504799  |           | WHI11000789 | 347    | 7.6    | 2.8    | 890.7  | 28.9   | 34.18  | 57     | 311    | 1.88   | 32.6   | 11.34  | 1.19   | 0.17   | 110    |
| 119673     | 12/07/2011  | NAD 83 - 7 | 7183450  | 504799  |           | WHI11000789 | 181    | 15     | 0.9    | 740.9  | 31.7   | 19.52  | 35     | 2142   | 2.74   | 107.9  | 17.41  | 1.2    | 0.25   | 833.9  |
| 119674     | 13/07/2011  | NAD 83 - 7 | 7183350  | 504799  |           | WHI11000789 | 224    | 9.1    | 1.9    | 578.7  | 21.4   | 15.3   | 10     | 148    | 3.01   | 18.9   | 10.41  | 1.14   | 0.28   | 111.6  |
| 119701     | 08/07/2011  | NAD 83 - 7 | 7183254  | 504503  | 448       | WHI11000789 | 92     | 14.6   | 2.8    | 401.5  | 30.7   | 13.29  | 53     | 182    | 3.34   | 23.2   | 16.04  | 1.36   | 0.24   | 204.3  |
| 119702     | 08/07/2011  | NAD 83 - 7 | 7183050  | 504500  | 452       | WHI11000789 | 745    | 22     | 10.5   | 1195.7 | 26.4   | 46.87  | 185    | 79     | 6.66   | 17.6   | 35.47  | 2.7    | 0.47   | 81.9   |
| 119703     | 08/07/2011  | NAD 83 - 7 | 7182850  | 504500  |           | WHI11000789 | 76     | 14     | 6.5    | 184    | 33.5   | 15.65  | 31     | 171    | 2.18   | 14.6   | 17.52  | 1.11   | 0.2    | 56.6   |
| 119704     | 08/07/2011  | NAD 83 - 7 | 7182638  | 504492  |           | WHI11000789 | 57     | 20.2   | 2.8    | 158    | 30.7   | 12.73  | 25     | 243    | 13.68  | 14     | 19.05  | 4.36   | 0.35   | 73.3   |
| 119705     | 08/07/2011  | NAD 83 - 7 | 7182469  | 504605  | 618       | WHI11000789 | 500    | 29.5   | 17.2   | 339.2  | 23.7   | 22.45  | 128    | 170    | 3.13   | 21     | 25.76  | 2.52   | 0.22   | 102.7  |
| 119706     | 08/07/2011  | NAD 83 - 7 | 7182273  | 504599  | 643       | WHI11000789 | 1137   | 108    | 19.7   | 594.3  | 38.9   | 91.09  | 164    | 332    | 7.33   | 30.5   | 48.22  | 5.84   | 0.48   | 151.7  |
| 119707     | 08/07/2011  | NAD 83 - 7 | 7182371  | 504636  | 641       | WHI11000789 | 367    | 50.6   | 7      | 469.6  | 37.5   | 34     | 57     | 140    | 3.02   | 16.7   | 18.31  | 2.45   | 0.2    | 79.9   |
| 119708     | 08/07/2011  | NAD 83 - 7 | 7182391  | 504730  | 600       | WHI11000789 | 563    | 184.8  | 12.1   | 786.7  | 40.1   | 92.72  | 295    | 268    | 15.79  | 30.7   | 61.97  | 13.58  | 0.99   | 160.4  |
| 119709     | 08/07/2011  | NAD 83 - 7 | 7182465  | 504834  | 561       | WHI11000789 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 119710     | 08/07/2011  | NAD 83 - 7 | 7182489  | 504932  | 536       | WHI11000789 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 119711     | 08/07/2011  | NAD 83 - 7 | 7182502  | 505030  | 484       | WHI11000789 | 724    | 108.7  | 20.6   | 870.3  | 43.4   | 76.2   | 338    | 136    | 23.49  | 36.2   | 84.42  | 6.61   | 0.89   | 227.3  |
| 119712     | 09/07/2011  | NAD 83 - 7 | 7183987  | 503259  | 312       | WHI11000789 | 400    | 16.3   | 1.2    | 543.6  | 30.9   | 49     | 123    | 498    | 8.85   | 74.2   | 21.42  | 3.89   | 0.46   | 485.5  |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 119713     | 09/07/2011  | NAD 83 - 7 | 7184024  | 502794  | 312       | WHI11000789 | 424       | 14.2      | 1.6       | 546.8     | 28.6      | 43.98     | 106       | 433       | 8.12      | 60.6      | 19.18     | 3.5       | 0.42      | 369.9     |
| 119714     | 10/07/2011  | NAD 83 - 7 | 7183239  | 502078  | 419       | WHI11000789 | 263       | 15.2      | 0.9       | 259.9     | 28.7      | 34.06     | 31        | 299       | 7.28      | 45.3      | 23.21     | 2.39      | 0.12      | 469.7     |
| 119715     | 10/07/2011  | NAD 83 - 7 | 7183189  | 502162  | 431       | WHI11000789 | 72        | 10.2      | 2.9       | 193.7     | 25        | 15.02     | 34        | 142       | 2.64      | 18.8      | 10.65     | 1.62      | 0.13      | 69.6      |
| 119716     | 10/07/2011  | NAD 83 - 7 | 7183107  | 502225  | 441       | WHI11000789 | 47        | 6.8       | 1.5       | 185.1     | 19.4      | 14.92     | 28        | 164       | 2.18      | 15.7      | 7.25      | 1.11      | 0.09      | 55.9      |
| 119717     | 10/07/2011  | NAD 83 - 7 | 7183011  | 502273  | 456       | WHI11000789 | 150       | 9.3       | 2.3       | 340.1     | 22.9      | 21.71     | 43        | 200       | 2.9       | 18.9      | 9.22      | 1.8       | 0.12      | 72.5      |
| 119718     | 10/07/2011  | NAD 83 - 7 | 7182923  | 502329  | 486       | WHI11000789 | 327       | 9.8       | 2.4       | 409.6     | 20.8      | 23.68     | 73        | 152       | 3.18      | 19.9      | 9.22      | 2.59      | 0.17      | 83.2      |
| 119719     | 10/07/2011  | NAD 83 - 7 | 7182860  | 502411  | 523       | WHI11000789 | 108       | 14.5      | 3.1       | 311.9     | 29.7      | 16.18     | 31        | 186       | 1.74      | 21.1      | 8.98      | 1.98      | 0.12      | 58.4      |
| 119720     | 10/07/2011  | NAD 83 - 7 | 7182769  | 502447  | 540       | WHI11000789 | 40        | 14        | 1.5       | 217.6     | 36        | 15.19     | 26        | 268       | 4.38      | 22.8      | 11.4      | 1.79      | 0.14      | 78.4      |
| 119721     | 10/07/2011  | NAD 83 - 7 | 7182198  | 502651  | 570       | WHI11000789 | 33        | 13.1      | 1.5       | 196.1     | 34.7      | 14.74     | 28        | 254       | 3.89      | 21.9      | 10.58     | 1.64      | 0.13      | 71.3      |
| 119722     | 10/07/2011  | NAD 83 - 7 | 7182305  | 502654  | 550       | WHI11000789 | 276       | 29.5      | 1.7       | 176.7     | 74.5      | 29        | 37        | 57        | 47.57     | 18.2      | 25.03     | 14.28     | 2.95      | 86.1      |
| 119723     | 10/07/2011  | NAD 83 - 7 | 7182407  | 502623  | 544       | WHI11000789 | 158       | 14.3      | 1.8       | 162.4     | 33.2      | 16.4      | 42        | 233       | 6         | 21        | 12.88     | 2.34      | 0.15      | 91.9      |
| 119724     | 10/07/2011  | NAD 83 - 7 | 7182495  | 502565  | 549       | WHI11000789 | 318       | 18.6      | 1.3       | 270.7     | 28.7      | 17.78     | 36        | 96        | 28.74     | 21.8      | 36.69     | 6.59      | 1.05      | 93.9      |
| 119725     | 10/07/2011  | NAD 83 - 7 | 7182584  | 502528  | 551       | WHI11000789 | 725       | 189.9     | 28        | 605.2     | 113.7     | 274.02    | 242       | 173       | 5.43      | 43.7      | 42.74     | 8.58      | 0.33      | 545.3     |
| 119726     | 10/07/2011  | NAD 83 - 7 | 7182678  | 502473  | 551       | WHI11000789 | 900       | 71.3      | 2.1       | 455.5     | 66.9      | 121.38    | 217       | 37        | 156.35    | 65.7      | 80.64     | 62.55     | 4.02      | 221.2     |
| 119727     | 10/07/2011  | NAD 83 - 7 | 7182865  | 502453  | 517       | WHI11000789 | 331       | 28.6      | 6.9       | 483       | 36.9      | 22.14     | 116       | 169       | 4.03      | 15.2      | 11.94     | 4.31      | 0.23      | 52.9      |
| 119728     | 10/07/2011  | NAD 83 - 7 | 7182940  | 502512  | 473       | WHI11000789 | 633       | 16.2      | 3.3       | 428.2     | 12.1      | 29.6      | 46        | 45        | 5.86      | 20.5      | 27.88     | 4.57      | 0.62      | 211.1     |
| 119729     | 10/07/2011  | NAD 83 - 7 | 7183034  | 502543  | 447       | WHI11000789 | 198       | 14.5      | 3         | 434.7     | 16.4      | 26.05     | 46        | 73        | 8.69      | 13.2      | 25.49     | 1.78      | 1.31      | 90.2      |
| 119730     | 10/07/2011  | NAD 83 - 7 | 7183160  | 502521  | 425       | WHI11000789 | 300       | 14.9      | 4.1       | 717.7     | 25.4      | 28.65     | 81        | 93        | 6.34      | 21        | 16.6      | 3.58      | 0.24      | 100.5     |
| 119731     | 10/07/2011  | NAD 83 - 7 | 7183253  | 502549  | 396       | WHI11000789 | 874       | 10.2      | 4.8       | 1251      | 13.8      | 39        | 190       | 18        | 7.66      | 13.6      | 21.09     | 4.41      | 0.56      | 62.1      |
| 119732     | 11/07/2011  | NAD 83 - 7 | 7182690  | 506290  | 477       | WHI11000789 | 572       | 32.4      | 14.2      | 824       | 22.6      | 34.95     | 334       | 68        | 9.97      | 10.6      | 29.84     | 5.39      | 0.61      | 49.6      |
| 119733     | 11/07/2011  | NAD 83 - 7 | 7182649  | 506195  | 502       | WHI11000789 | 290       | 20.9      | 6.6       | 679.7     | 21        | 36.34     | 206       | 61        | 10.37     | 11.9      | 24.18     | 6.63      | 0.57      | 50.1      |
| 119734     | 11/07/2011  | NAD 83 - 7 | 7182598  | 506106  | 533       | WHI11000789 | 396       | 7.3       | 2.7       | 313.7     | 15.5      | 26.76     | 112       | 34        | 3.1       | 12.8      | 14.6      | 2.35      | 0.32      | 32        |
| 119735     | 11/07/2011  | NAD 83 - 7 | 7182524  | 506042  | 575       | WHI11000789 | 801       | 20        | 5.5       | 714.6     | 19.8      | 56.14     | 326       | 58        | 16.02     | 34.3      | 35.78     | 9.33      | 0.66      | 97.6      |
| 119736     | 11/07/2011  | NAD 83 - 7 | 7182432  | 505997  | 604       | WHI11000789 | 109       | 21.6      | 2.1       | 226.5     | 40.7      | 22.53     | 28        | 254       | 11.7      | 21.4      | 23.76     | 4.79      | 0.55      | 96.8      |
| 119737     | 11/07/2011  | NAD 83 - 7 | 7182385  | 505907  | 610       | WHI11000789 | 135       | 19.4      | 3.2       | 259.6     | 36.4      | 14.99     | 54        | 232       | 11.77     | 19        | 22.19     | 4.56      | 0.36      | 112       |
| 119738     | 11/07/2011  | NAD 83 - 7 | 7182319  | 505828  | 628       | WHI11000789 | 306       | 30.5      | 0.9       | 391.9     | 31.8      | 15.32     | 90        | 10        | 51.67     | 5.8       | 35.74     | 14.43     | 3.59      | 41.8      |
| 119739     | 11/07/2011  | NAD 83 - 7 | 7182221  | 505798  | 634       | WHI11000789 | 163       | 21.2      | 2.1       | 154.1     | 36.2      | 21.63     | 49        | 150       | 24.81     | 23.7      | 12.1      | 5.32      | 0.99      | 141.7     |
| 119740     | 11/07/2011  | NAD 83 - 7 | 7182405  | 505762  | 621       | WHI11000789 | 120       | 12.7      | 1.6       | 200.1     | 32.4      | 12.47     | 71        | 221       | 9.59      | 13.3      | 13.78     | 2.39      | 0.28      | 51.8      |
| 119741     | 11/07/2011  | NAD 83 - 7 | 7182478  | 505687  | 637       | WHI11000789 | 340       | 41.3      | 0.6       | 706.1     | 45.3      | 43.68     | 47        | 23        | 172.84    | 10.5      | 72.31     | 38.88     | 7.7       | 25.6      |
| 119742     | 11/07/2011  | NAD 83 - 7 | 7182507  | 505589  | 633       | WHI11000789 | 379       | 34.9      | 2.8       | 570.9     | 38.5      | 32.5      | 47        | 239       | 43.55     | 39        | 47.99     | 10.31     | 2.18      | 258.9     |
| 119743     | 11/07/2011  | NAD 83 - 7 | 7182521  | 505494  | 610       | WHI11000789 | 801       | 71.4      | 2.7       | 1182.3    | 57.5      | 26.99     | 98        | 54        | 34.47     | 10.7      | 88.83     | 11.82     | 2.79      | 92.6      |
| 119744     | 11/07/2011  | NAD 83 - 7 | 7182580  | 505411  | 572       | WHI11000789 | 346       | 131.7     | 2.1       | 844.8     | 58.5      | 60.79     | 129       | 558       | 48.78     | 151.5     | 23.84     | 21.07     | 3.31      | 1185      |
| 119745     | 11/07/2011  | NAD 83 - 7 | 7182659  | 505349  | 533       | WHI11000789 | 1426      | 63.2      | 7.1       | 52.2      | 26.1      | 41.32     | 161       | 30        | 29.87     | 8.7       | 92.99     | 8.27      | 3.27      | 88.4      |
| 119746     | 11/07/2011  | NAD 83 - 7 | 7182725  | 505269  | 488       | WHI11000789 | 1035      | 40.8      | 5         | 54.8      | 22.1      | 91.74     | 187       | 30        | 16.17     | 21.3      | 47.48     | 5.38      | 2.71      | 216.7     |
| 119747     | 12/07/2011  | NAD 83 - 7 | 7184052  | 505206  | 428       | WHI11000789 | 129       | 7.5       | 1.3       | 937.9     | 199.6     | 58        | 49        | 1839      | 1.6       | 196.3     | 9.22      | 0.39      | 0.58      | 102.5     |
| 119748     | 12/07/2011  | NAD 83 - 7 | 7183951  | 505202  | 450       | WHI11000789 | 203       | 14.8      | 0.6       | 744.9     | 16.4      | 17.39     | 15        | 90        | 8.8       | 15.7      | 17.24     | 1.76      | 0.69      | 106.7     |
| 119749     | 12/07/2011  | NAD 83 - 7 | 7183853  | 505200  | 423       | WHI11000789 | 294       | 10.9      | 3.6       | 726.5     | 22.1      | 30.38     | 37        | 132       | 4.76      | 26.2      | 18.56     | 1.92      | 0.46      | 115.7     |
| 119750     | 12/07/2011  | NAD 83 - 7 | 7183548  | 505205  | 504       | WHI11000789 | 344       | 7.1       | 2.9       | 648.5     | 22.5      | 34.63     | 100       | 182       | 3.07      | 23.4      | 13.25     | 1.52      | 0.3       | 96        |
| 119801     | 12/07/2011  | NAD 83 - 7 | 7183453  | 505200  | 519       | WHI11000789 | 661       | 11.4      | 6.5       | 1306.3    | 21.6      | 35.24     | 119       | 166       | 4.13      | 28.7      | 22.51     | 2         | 0.52      | 135.4     |
| 119802     | 12/07/2011  | NAD 83 - 7 | 7183347  | 505194  | 530       | WHI11000789 | 468       | 6.1       | 4.8       | 473.8     | 17.9      | 27.39     | 131       | 43        | 1.69      | 17.4      | 13.72     | 0.8       | 0.34      | 56.9      |
| 119803     | 12/07/2011  | NAD 83 - 7 | 7183365  | 505009  | 488       | WHI11000789 | 575       | 9         | 3.4       | 1352.9    | 25.1      | 51.14     | 168       | 71        | 4.38      | 48.1      | 22.48     | 1.65      | 0.46      | 147.9     |
| 119804     | 12/07/2011  | NAD 83 - 7 | 7183442  | 505000  | 490       | WHI11000789 | 203       | 5.4       | 2.8       | 589.1     | 20.8      | 22.03     | 65        | 101       | 2.42      | 21.8      | 10.4      | 0.9       | 0.16      | 69.1      |
| 119805     | 12/07/2011  | NAD 83 - 7 | 7183555  | 504998  | 480       | WHI11000789 | 108       | 8.6       | 2.3       | 243.1     | 27.2      | 25.43     | 43        | 158       | 3.31      | 22.3      | 12.12     | 1.45      | 0.21      | 105.5     |
| 119806     | 12/07/2011  | NAD 83 - 7 | 7183649  | 505006  | 468       | WHI11000789 | 108       | 8.8       | 0.6       | 284.7     | 23.5      | 14.61     | 35        | 164       | 2.43      | 23.2      | 11.2      | 0.95      | 0.14      | 89.8      |
| 119807     | 12/07/2011  | NAD 83 - 7 | 7183730  | 505011  | 455       | WHI11000789 | 581       | 14.8      | 5.6       | 661.4     | 22.8      | 35.44     | 88        | 69        | 8.13      | 27.9      | 21.61     | 4.33      | 2.16      | 202.1     |
| 119808     | 12/07/2011  | NAD 83 - 7 | 7183853  | 504997  | 407       | WHI11000789 | 218       | 8.5       | 0.1       | 320.5     | 24.4      | 21.56     | 91        | 171       | 2.24      | 19.1      | 15.06     | 1.05      | 0.25      | 93.5      |
| 119809     | 12/07/2011  | NAD 83 - 7 | 7183957  | 505008  | 372       | WHI11000789 | 657       | 11.2      | 2.3       | 865.4     | 19.1      | 48.35     | 72        | 112       | 7.15      | 23.1      | 135.15    | 1.58      | 0.56      | 191.5     |
| 119810     | 12/07/2011  | NAD 83 - 7 | 7184046  | 505000  | 372       | WHI11000789 | 1968      | 29.4      | 8.8       | 718       | 30.9      | 79.79     | 306       | 417       | 24.92     | 79        | 73.2      | 8.1       | 1.52      | 464.2     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 119951     | 12/07/2011  | NAD 83 - 7 | 7183350  | 505999  |           | WHI11000789 | 332       | 16.1      | 2.8       | 647.9     | 19        | 33.3      | 30        | 79        | 6.4       | 32.3      | 13.67     | 2.36      | 0.33      | 201.6     |
| 119952     | 12/07/2011  | NAD 83 - 7 | 7183450  | 505999  |           | WHI11000789 | 544       | 16.2      | 5.8       | 509.9     | 20.2      | 28.14     | 132       | 52        | 5.5       | 13.6      | 25.97     | 2.64      | 0.4       | 77.7      |
| 119953     | 12/07/2011  | NAD 83 - 7 | 7183563  | 505999  |           | WHI11000789 | 416       | 11.3      | 2.1       | 896.5     | 27.7      | 44.19     | 96        | 53        | 6.24      | 22.2      | 17.34     | 3.48      | 0.79      | 114.8     |
| 119954     | 12/07/2011  | NAD 83 - 7 | 7183650  | 505999  |           | WHI11000789 | 365       | 18        | 1.9       | 626.7     | 27.3      | 35.03     | 37        | 64        | 4.73      | 28.1      | 17.84     | 2.08      | 0.45      | 118.6     |
| 119955     | 12/07/2011  | NAD 83 - 7 | 7183750  | 505999  |           | WHI11000789 | 333       | 22.4      | 3         | 381.1     | 32        | 25.33     | 37        | 152       | 3.92      | 21.5      | 15.54     | 1.9       | 0.38      | 95.9      |
| 119956     | 12/07/2011  | NAD 83 - 7 | 7183850  | 505999  |           | WHI11000789 | 1177      | 43.6      | 2.2       | 325.2     | 21.2      | 42.31     | 58        | 43        | 19.04     | 25.2      | 317.15    | 6.76      | 1.49      | 238.5     |
| 119957     | 12/07/2011  | NAD 83 - 7 | 7183950  | 505999  |           | WHI11000789 | 142       | 11.9      | 0.6       | 819.6     | 108.8     | 34.55     | 52        | 1433      | 2.4       | 95.3      | 21.43     | 0.47      | 1         | 124.8     |
| 119958     | 12/07/2011  | NAD 83 - 7 | 7184050  | 505999  |           | WHI11000789 | 74        | 8.2       | 0.6       | 310.6     | 33.2      | 11.23     | 25        | 294       | 2.31      | 31.5      | 13.9      | 0.47      | 0.24      | 57.6      |
| 119959     | 12/07/2011  | NAD 83 - 7 | 7184150  | 505999  |           | WHI11000789 | 49        | 4.9       | 2         | 448.8     | 29        | 27.15     | 35        | 306       | 1.02      | 35.9      | 7.39      | 0.28      | 0.13      | 46.3      |
| 119960     | 12/07/2011  | NAD 83 - 7 | 7184250  | 505999  |           | WHI11000789 | 63        | 4.7       | 0.9       | 213.4     | 31.7      | 15.99     | 40        | 665       | 0.94      | 37.7      | 77.85     | 0.47      | 0.18      | 650.8     |
| 119961     | 12/07/2011  | NAD 83 - 7 | 7184350  | 505999  |           | WHI11000789 | 149       | 5.5       | 3.3       | 195.6     | 14.5      | 13.48     | 21        | 253       | 1.42      | 28.6      | 107.18    | 0.54      | 0.31      | 210       |
| 613988     | 22/06/2012  | NAD 83 - 7 | 7178326  | 514876  | 647       | DAW12000088 | 2119      | 24.1      | 2.6       | 679.2     | 56        | 101.49    | 349       | 109       | 25.75     | 119       | 9.41      | 9.72      | 0.67      | 778.7     |
| 1298001    | 25/07/2012  | NAD 83 - 7 | 7184182  | 527460  | 1282      | DAW12000183 | 183       | 12.5      | 4.4       | 476.4     | 33.7      | 49.85     | 191       | 250       | 2.55      | 65.3      | 14.71     | 2.75      | 0.35      | 270.4     |
| 1298002    | 25/07/2012  | NAD 83 - 7 | 7184292  | 527403  | 1248      | DAW12000183 | 548       | 14.1      | 5.2       | 422.4     | 50.2      | 70.16     | 182       | 427       | 11.71     | 99.2      | 26.23     | 5.54      | 0.59      | 719.6     |
| 1298003    | 25/07/2012  | NAD 83 - 7 | 7184384  | 527373  | 1245      | DAW12000183 | 284       | 11.8      | 5.5       | 170.1     | 30.8      | 28.84     | 143       | 323       | 3.42      | 56.3      | 15.89     | 1.6       | 0.34      | 221.7     |
| 1298004    | 25/07/2012  | NAD 83 - 7 | 7184489  | 527350  | 1254      | DAW12000183 | 178       | 12.3      | 2.7       | 127.1     | 25.8      | 17.75     | 61        | 352       | 3.84      | 29.9      | 11.42     | 0.89      | 0.17      | 67.6      |
| 1298005    | 25/07/2012  | NAD 83 - 7 | 7184580  | 527299  | 1271      | DAW12000183 | 202       | 9.5       | 2.6       | 311.7     | 23.2      | 16.2      | 66        | 544       | 3.05      | 26.1      | 13.01     | 0.84      | 0.12      | 69.9      |
| 1298006    | 25/07/2012  | NAD 83 - 7 | 7184673  | 527243  | 1278      | DAW12000183 | 146       | 11.1      | 1.8       | 131.8     | 21.1      | 18.42     | 54        | 443       | 2.92      | 36.5      | 10.03     | 1.05      | 0.18      | 88.3      |
| 1298007    | 25/07/2012  | NAD 83 - 7 | 7184768  | 527205  | 1287      | DAW12000183 | 184       | 11.4      | 3.2       | 95.1      | 29.8      | 18.34     | 65        | 264       | 3.02      | 33.7      | 11.81     | 0.77      | 0.29      | 52.3      |
| 1298008    | 25/07/2012  | NAD 83 - 7 | 7184856  | 527144  | 1288      | DAW12000183 | 267       | 9.4       | 2.4       | 105.3     | 21.5      | 15.9      | 67        | 411       | 2.19      | 24.6      | 9.67      | 0.91      | 0.25      | 59.4      |
| 1298009    | 25/07/2012  | NAD 83 - 7 | 7184967  | 527066  | 1239      | DAW12000183 | 1147      | 31.9      | 2.7       | 196.8     | 31.6      | 40.6      | 199       | 161       | 43.02     | 130.2     | 21.62     | 11.46     | 1.49      | 610.6     |
| 1298010    | 25/07/2012  | NAD 83 - 7 | 7185055  | 526992  | 1223      | DAW12000183 | 2207      | 19.2      | 2.4       | 487.9     | 24.8      | 41.89     | 380       | 268       | 24.19     | 92.2      | 14.86     | 6.65      | 0.97      | 423.5     |
| 1298011    | 25/07/2012  | NAD 83 - 7 | 7185103  | 526919  | 1209      | DAW12000183 | 217       | 10.2      | 1.7       | 1100      | 25.3      | 16.74     | 51        | 360       | 3.21      | 27.4      | 15.06     | 0.92      | 0.16      | 75.1      |
| 1298012    | 25/07/2012  | NAD 83 - 7 | 7185144  | 526804  | 1174      | DAW12000183 | 51        | 5.7       | 0.8       | 2865      | 13.4      | 8.38      | 57        | 56        | 3.06      | 30.8      | 10.2      | 1.21      | 0.28      | 90.1      |
| 1298013    | 25/07/2012  | NAD 83 - 7 | 7185197  | 526710  | 1152      | DAW12000183 | 198       | 8.1       | 2         | 255.9     | 25.1      | 16.1      | 70        | 460       | 1.49      | 26.4      | 11.49     | 0.76      | 0.13      | 68.9      |
| 1298014    | 25/07/2012  | NAD 83 - 7 | 7185242  | 526605  | 1131      | DAW12000183 | 1888      | 21.2      | 4         | 424.9     | 28.8      | 61.61     | 317       | 159       | 23.58     | 119       | 12.15     | 7.15      | 0.85      | 565.8     |
| 1298015    | 25/07/2012  | NAD 83 - 7 | 7185290  | 526521  | 1118      | DAW12000183 | 442       | 13.8      | 1.9       | 159       | 18.9      | 23.42     | 57        | 279       | 18.83     | 73.1      | 13.02     | 2.07      | 0.33      | 269       |
| 1298016    | 25/07/2012  | NAD 83 - 7 | 7185377  | 526451  | 1111      | DAW12000183 | 115       | 8         | 1.7       | 1373.1    | 27.3      | 11.68     | 66        | 393       | 1.79      | 24.5      | 13.01     | 0.61      | 0.15      | 73.3      |
| 1298017    | 25/07/2012  | NAD 83 - 7 | 7185392  | 526348  | 1095      | DAW12000183 | 1405      | 25.7      | 3.7       | 1240.6    | 27.6      | 69.15     | 340       | 180       | 39.78     | 204.2     | 12.12     | 8.32      | 1.01      | 948.8     |
| 1298018    | 25/07/2012  | NAD 83 - 7 | 7185393  | 526235  | 1082      | DAW12000183 | 925       | 16.6      | 5.5       | 296.4     | 30.1      | 47.44     | 143       | 329       | 18.88     | 71.9      | 17.33     | 3.86      | 0.4       | 328       |
| 1298019    | 25/07/2012  | NAD 83 - 7 | 7185421  | 526137  | 1059      | DAW12000183 | 681       | 15.3      | 3         | 242.4     | 32.3      | 34.42     | 116       | 412       | 18.19     | 66.9      | 18.83     | 3.8       | 0.66      | 365.6     |
| 1298020    | 25/07/2012  | NAD 83 - 7 | 7185438  | 526088  | 1043      | DAW12000183 | 76        | 4.5       | 1.5       | 104       | 5.7       | 4.97      | 22        | 634       | 2.61      | 44.5      | 7.56      | 1.08      | 0.18      | 668.9     |
| 1298021    | 25/07/2012  | NAD 83 - 7 | 7185484  | 525993  | 995       | DAW12000183 | 111       | 6.5       | 0.8       | 72.2      | 4.1       | 6.17      | 56        | 754       | 7.72      | 90.4      | 24.87     | 5.71      | 0.28      | 387.7     |
| 1298022    | 25/07/2012  | NAD 83 - 7 | 7185621  | 526139  | 970       | DAW12000183 | 194       | 13.2      | 5.3       | 1508.8    | 26.4      | 100.65    | 86        | 556       | 3.87      | 94.5      | 32.36     | 2.01      | 0.21      | 188.2     |
| 1298023    | 25/07/2012  | NAD 83 - 7 | 7185681  | 526058  | 963       | DAW12000183 | 309       | 12.3      | 1.9       | 313       | 15.7      | 42.49     | 51        | 203       | 3.24      | 39.2      | 35.59     | 1.32      | 0.28      | 94.4      |
| 1298024    | 25/07/2012  | NAD 83 - 7 | 7185720  | 525923  | 904       | DAW12000183 | 285       | 8.5       | 3.8       | 267.6     | 10.1      | 36.75     | 27        | 48        | 1.95      | 22.9      | 32.35     | 0.88      | 0.32      | 38.1      |
| 1298025    | 26/07/2012  | NAD 83 - 7 | 7186536  | 522458  | 896       | DAW12000183 | 310       | 6.3       | 2.4       | 412.5     | 27        | 17.46     | 53        | 237       | 1.69      | 22.8      | 15.26     | 0.58      | 0.19      | 65.7      |
| 1298026    | 26/07/2012  | NAD 83 - 7 | 7186426  | 522429  | 906       | DAW12000183 | 394       | 10        | 1.5       | 258.3     | 31        | 19.11     | 40        | 412       | 2.36      | 33.5      | 20.83     | 1.11      | 0.3       | 112.1     |
| 1298027    | 26/07/2012  | NAD 83 - 7 | 7186304  | 522438  | 905       | DAW12000183 | 335       | 13.3      | 1.8       | 614.5     | 44.3      | 17.73     | 44        | 389       | 3.22      | 40.7      | 17.33     | 1.17      | 0.29      | 104.6     |
| 1298028    | 26/07/2012  | NAD 83 - 7 | 7186193  | 522449  | 906       | DAW12000183 | 189       | 11.4      | 0.7       | 317.4     | 40.1      | 19.75     | 42        | 260       | 3.27      | 45.1      | 25.53     | 1.09      | 0.28      | 115.4     |
| 1298029    | 26/07/2012  | NAD 83 - 7 | 7186040  | 522432  | 918       | DAW12000183 | 412       | 13.2      | 6.5       | 893.9     | 31.4      | 29.34     | 67        | 483       | 1.52      | 35        | 13.13     | 1.44      | 0.16      | 86        |
| 1298030    | 26/07/2012  | NAD 83 - 7 | 7185930  | 522471  | 920       | DAW12000183 | 273       | 4.6       | 1.6       | 224.4     | 30.7      | 16.61     | 61        | 180       | 0.79      | 30.2      | 19.57     | 0.61      | 0.18      | 76.4      |
| 1298031    | 26/07/2012  | NAD 83 - 7 | 7185830  | 522516  | 929       | DAW12000183 | 206       | 5.9       | 1.9       | 268       | 27.4      | 16.26     | 67        | 126       | 0.25      | 24.1      | 14.2      | 0.57      | 0.19      | 88.4      |
| 1298032    | 26/07/2012  | NAD 83 - 7 | 7185734  | 522566  | 933       | DAW12000183 | 154       | 10.1      | 1.3       | 293.3     | 34.7      | 21.33     | 26        | 581       | 2.87      | 39.3      | 16.11     | 0.95      | 0.26      | 93.3      |
| 1298033    | 26/07/2012  | NAD 83 - 7 | 7185647  | 522622  | 939       | DAW12000183 | 150       | 11.1      | 1.4       | 258.8     | 43.7      | 21.8      | 41        | 404       | 2.58      | 40.8      | 19.96     | 1         | 0.28      | 95.8      |
| 1298034    | 26/07/2012  | NAD 83 - 7 | 7185551  | 522670  | 941       | DAW12000183 | 386       | 11        | 1.9       | 305.3     | 33        | 18.71     | 59        | 444       | 1.64      | 32.4      | 16.67     | 0.9       | 0.21      | 84.5      |
| 1298035    | 26/07/2012  | NAD 83 - 7 | 7185450  | 522733  | 943       | DAW12000183 | 368       | 12.2      | 2.6       | 572.1     | 35.2      | 32.4      | 64        | 273       | 2.03      | 40.4      | 12.88     | 1.42      | 0.21      | 101       |
| 1298036    | 26/07/2012  | NAD 83 - 7 | 7185608  | 523208  | 923       | DAW12000183 | 256       | 11.7      | 4.2       | 408       | 34.6      | 20.36     | 70        | 123       | 0.95      | 31.4      | 15.85     | 1.07      | 0.32      | 94.6      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1298037    | 26/07/2012  | NAD 83 - 7 | 7185702  | 523270  | 908       | DAW12000183 | 243       | 6         | 5.5       | 326       | 30        | 13.95     | 75        | 110       | 0.52      | 26.4      | 13.54     | 0.68      | 0.25      | 86.1      |
| 1298038    | 26/07/2012  | NAD 83 - 7 | 7185807  | 523285  | 893       | DAW12000183 | 264       | 10.2      | 7.7       | 340.1     | 31.5      | 19.33     | 61        | 131       | 1.09      | 29.6      | 17.09     | 0.95      | 0.24      | 105       |
| 1298039    | 26/07/2012  | NAD 83 - 7 | 7185933  | 523274  | 882       | DAW12000183 | 311       | 8.2       | 3.6       | 305       | 33.1      | 26.77     | 65        | 218       | 1.11      | 38.7      | 16.17     | 1.02      | 0.22      | 106.9     |
| 1298040    | 26/07/2012  | NAD 83 - 7 | 7186093  | 523296  | 860       | DAW12000183 | 237       | 3.8       | 2.8       | 693.9     | 17.5      | 16.7      | 57        | 352       | 1         | 22.3      | 11.57     | 0.67      | 0.16      | 79.8      |
| 1298041    | 27/07/2012  | NAD 83 - 7 | 7185794  | 524852  | 1021      | DAW12000183 | 383       | 31.9      | 2.9       | 538.3     | 26.2      | 32.72     | 321       | 215       | 13.03     | 133.6     | 14.49     | 3.88      | 1.27      | 465.8     |
| 1298042    | 28/07/2012  | NAD 83 - 7 | 7186778  | 524858  | 704       | DAW12000183 | 168       | 8.9       | 1.4       | 638.2     | 8.9       | 14.82     | 45        | 36        | 7.11      | 11.8      | 10.1      | 1.74      | 0.42      | 45.6      |
| 1298043    | 28/07/2012  | NAD 83 - 7 | 7186672  | 524874  | 722       | DAW12000183 | 871       | 11.8      | 1.9       | 439.4     | 6.3       | 25.54     | 66        | 6         | 14.79     | 16.9      | 13.71     | 6.08      | 1.27      | 62.9      |
| 1298044    | 28/07/2012  | NAD 83 - 7 | 7186570  | 524893  | 751       | DAW12000183 | 572       | 64.2      | 0.7       | 323       | 7.2       | 40.19     | 96        | 6         | 27.08     | 26.5      | 7.53      | 6.65      | 2.11      | 23.9      |
| 1298045    | 28/07/2012  | NAD 83 - 7 | 7186483  | 525081  | 743       | DAW12000183 | 817       | 32.6      | 3.9       | 376.7     | 11.6      | 36.25     | 221       | 126       | 21.62     | 67.5      | 30.15     | 2.79      | 3.51      | 140.1     |
| 1298046    | 28/07/2012  | NAD 83 - 7 | 7186506  | 525176  | 792       | DAW12000183 | 454       | 21.9      | 1         | 377.6     | 12        | 19.59     | 71        | 10        | 25.91     | 8.7       | 44.62     | 4.86      | 2.71      | 18.3      |
| 1298047    | 28/07/2012  | NAD 83 - 7 | 7186557  | 525163  | 780       | DAW12000183 | 635       | 17        | 2.2       | 545.4     | 9.8       | 25.44     | 109       | 6         | 17.52     | 18.1      | 22.96     | 4.13      | 1.72      | 29        |
| 1298048    | 28/07/2012  | NAD 83 - 7 | 7186638  | 525118  | 750       | DAW12000183 | 438       | 14        | 1.8       | 475.4     | 9.3       | 25.26     | 100       | 13        | 14.62     | 14.4      | 16.76     | 3.64      | 1.5       | 42        |
| 1298049    | 28/07/2012  | NAD 83 - 7 | 7186789  | 524934  | 698       | DAW12000183 | 245       | 38.7      | 1.7       | 359.8     | 15.4      | 36.92     | 256       | 10        | 9.61      | 11        | 13.01     | 1.1       | 0.68      | 42.6      |
| 1301051    | 04/07/2012  | NAD 83 - 7 | 7179176  | 503396  | 794       | DAW12000118 | 68        | 7.7       | 5.3       | 194.9     | 29.2      | 16.79     | 23        | 223       | 1.33      | 19.5      | 7.83      | 0.61      | 0.12      | 52.4      |
| 1301052    | 04/07/2012  | NAD 83 - 7 | 7179257  | 503455  | 836       | DAW12000118 | 37        | 37.6      | 1         | 133.8     | 27.3      | 34.2      | 24        | 246       | 1.65      | 27.8      | 12.74     | 0.65      | 0.1       | 61.3      |
| 1301053    | 04/07/2012  | NAD 83 - 7 | 7179322  | 503536  | 860       | DAW12000118 | 38        | 14.8      | 4.9       | 210.4     | 34.5      | 23.38     | 25        | 246       | 1.78      | 27        | 9.61      | 0.9       | 0.14      | 64.4      |
| 1301054    | 04/07/2012  | NAD 83 - 7 | 7179300  | 503728  | 860       | DAW12000118 | 56        | 24.2      | 0.9       | 209.4     | 33.4      | 19.52     | 26        | 706       | 1.35      | 23.7      | 10.74     | 0.56      | 0.12      | 80.3      |
| 1301055    | 04/07/2012  | NAD 83 - 7 | 7179236  | 503804  | 857       | DAW12000118 | 37        | 7.4       | 0.6       | 259.6     | 32.1      | 18.24     | 24        | 244       | 1.61      | 23.3      | 8.85      | 0.72      | 0.13      | 56.2      |
| 1301056    | 04/07/2012  | NAD 83 - 7 | 7179197  | 503897  | 849       | DAW12000118 | 15        | 0.7       | 0.1       | 184.5     | 17.6      | 16.32     | 8         | 186       | 0.24      | 25.8      | 2.52      | 0.22      | 0.08      | 54.9      |
| 1301057    | 04/07/2012  | NAD 83 - 7 | 7179137  | 503979  | 845       | DAW12000118 | 52        | 10.9      | 1.4       | 232       | 37.6      | 24.01     | 45        | 244       | 1.78      | 25.6      | 11.6      | 0.93      | 0.13      | 53.3      |
| 1301058    | 04/07/2012  | NAD 83 - 7 | 7179086  | 504062  | 842       | DAW12000118 | 27        | 5.3       | 0.9       | 249.5     | 18.2      | 12.69     | 18        | 157       | 1.2       | 10.1      | 8.4       | 0.41      | 0.09      | 24.8      |
| 1301059    | 04/07/2012  | NAD 83 - 7 | 7179026  | 504147  | 848       | DAW12000118 | 36        | 14.8      | 6.1       | 198.5     | 41.1      | 42.44     | 53        | 309       | 1.85      | 27.3      | 11.03     | 0.99      | 0.12      | 54.7      |
| 1301060    | 04/07/2012  | NAD 83 - 7 | 7178976  | 504231  | 864       | DAW12000118 | 83        | 10.7      | 2.7       | 195.2     | 34.2      | 25.05     | 36        | 527       | 1.57      | 24.4      | 12.64     | 0.88      | 0.13      | 58.4      |
| 1301061    | 06/07/2012  | NAD 83 - 7 | 7183401  | 511229  | 433       | DAW12000133 | 134       | 6.7       | 2.8       | 523.7     | 18        | 19.22     | 27        | 84        | 3.43      | 23.3      | 15.12     | 0.92      | 0.21      | 95        |
| 1301062    | 06/07/2012  | NAD 83 - 7 | 7183478  | 511165  | 456       | DAW12000133 | 243       | 10.3      | 2.4       | 681.1     | 25.6      | 38.73     | 63        | 148       | 4.55      | 30.9      | 10.9      | 1.22      | 0.3       | 77.7      |
| 1301063    | 06/07/2012  | NAD 83 - 7 | 7183546  | 511093  | 466       | DAW12000133 | 257       | 8.6       | 4         | 709.3     | 19.3      | 66.42     | 52        | 101       | 4.57      | 34.6      | 12.63     | 1.17      | 0.28      | 54.2      |
| 1301064    | 06/07/2012  | NAD 83 - 7 | 7183607  | 511011  | 506       | DAW12000133 | 472       | 13.4      | 1.2       | 575.2     | 16.4      | 35.54     | 14        | 55        | 7.86      | 16.2      | 18.58     | 1.91      | 0.49      | 105.8     |
| 1301065    | 06/07/2012  | NAD 83 - 7 | 7183677  | 510943  | 540       | DAW12000133 | 391       | 12.2      | 5.2       | 390.2     | 13.5      | 45.55     | 54        | 29        | 7.49      | 11.9      | 17.46     | 2.13      | 0.41      | 68.9      |
| 1301066    | 06/07/2012  | NAD 83 - 7 | 7183684  | 510840  | 559       | DAW12000133 | 384       | 13.7      | 4.3       | 527.4     | 15.4      | 47.49     | 143       | 9         | 9.12      | 8.1       | 17.93     | 1.96      | 0.46      | 65.2      |
| 1301067    | 06/07/2012  | NAD 83 - 7 | 7183776  | 510802  | 556       | DAW12000133 | 290       | 32.4      | 4.1       | 754.9     | 14.1      | 30.42     | 67        | 14        | 26.17     | 7.5       | 15.8      | 3.2       | 0.95      | 43.8      |
| 1301068    | 06/07/2012  | NAD 83 - 7 | 7183878  | 510796  | 569       | DAW12000133 | 356       | 9         | 1.3       | 493.1     | 16.3      | 32.03     | 28        | 54        | 4.65      | 30.8      | 11.29     | 0.93      | 0.35      | 76.6      |
| 1301069    | 06/07/2012  | NAD 83 - 7 | 7184193  | 510518  | 475       | DAW12000133 | 375       | 18        | 2.8       | 613.5     | 25.2      | 42.42     | 61        | 325       | 7.35      | 33.1      | 12.3      | 1.99      | 0.56      | 95.8      |
| 1301070    | 06/07/2012  | NAD 83 - 7 | 7184186  | 510619  | 499       | DAW12000133 | 176       | 11.7      | 0.6       | 562.3     | 25.8      | 39.71     | 20        | 85        | 6.51      | 39.6      | 14.1      | 1.36      | 0.3       | 172.4     |
| 1301071    | 06/07/2012  | NAD 83 - 7 | 7184211  | 510716  | 515       | DAW12000133 | 295       | 9.7       | 1.5       | 556.1     | 13.7      | 28.96     | 13        | 35        | 6.01      | 15.6      | 11.77     | 1.66      | 0.4       | 74.5      |
| 1301072    | 06/07/2012  | NAD 83 - 7 | 7184225  | 510814  | 531       | DAW12000133 | 348       | 34.4      | 3.7       | 351.2     | 14.8      | 12.69     | 20        | 82        | 27.18     | 14.4      | 21.02     | 4.36      | 1.62      | 53.5      |
| 1301073    | 06/07/2012  | NAD 83 - 7 | 7184181  | 510911  | 541       | DAW12000133 | 246       | 18.6      | 4.7       | 628.2     | 9.7       | 28.06     | 13        | 4         | 21.53     | 10.5      | 13.1      | 6.07      | 1.13      | 38.5      |
| 1301074    | 06/07/2012  | NAD 83 - 7 | 7184259  | 510973  | 541       | DAW12000133 | 499       | 29.7      | 2.3       | 491.1     | 18.7      | 56.74     | 24        | 64        | 26.48     | 30.8      | 16.87     | 9.97      | 1.1       | 274.5     |
| 1301075    | 06/07/2012  | NAD 83 - 7 | 7184328  | 511049  | 541       | DAW12000133 | 114       | 8.7       | 2.8       | 337       | 23.2      | 32.97     | 75        | 127       | 2.76      | 25.3      | 8.75      | 0.77      | 0.21      | 60.3      |
| 1301076    | 06/07/2012  | NAD 83 - 7 | 7184384  | 511131  | 551       | DAW12000133 | 94        | 9.5       | 1.4       | 289.9     | 20.3      | 26.72     | 36        | 81        | 2.73      | 13.9      | 14.6      | 0.76      | 0.27      | 48.1      |
| 1301077    | 06/07/2012  | NAD 83 - 7 | 7184451  | 511204  | 569       | DAW12000133 | 76        | 7         | 0.1       | 167       | 20.6      | 32.32     | 25        | 305       | 2.37      | 30.2      | 12.93     | 0.73      | 0.14      | 103.9     |
| 1301078    | 06/07/2012  | NAD 83 - 7 | 7184520  | 511281  | 580       | DAW12000133 | 80        | 10.2      | 1.1       | 226.4     | 23        | 32.69     | 30        | 65        | 3.5       | 21.7      | 14.77     | 0.8       | 0.28      | 73.6      |
| 1301079    | 06/07/2012  | NAD 83 - 7 | 7184590  | 511357  | 601       | DAW12000133 | 149       | 12.7      | 1.4       | 398.7     | 25.4      | 37.94     | 30        | 144       | 4.08      | 33        | 14.16     | 1.12      | 0.37      | 79.4      |
| 1301080    | 06/07/2012  | NAD 83 - 7 | 7184666  | 511421  | 630       | DAW12000133 | 112       | 7.5       | 0.2       | 252.1     | 23.1      | 21.67     | 9         | 139       | 2.14      | 28.1      | 9.64      | 0.72      | 0.13      | 72.5      |
| 1301081    | 06/07/2012  | NAD 83 - 7 | 7184725  | 511502  | 666       | DAW12000133 | 255       | 5.6       | 0.7       | 569       | 25.8      | 21.03     | 11        | 422       | 1.4       | 28.8      | 8.76      | 0.53      | 0.12      | 84.7      |
| 1301082    | 06/07/2012  | NAD 83 - 7 | 7184808  | 511559  | 708       | DAW12000133 | 110       | 4.5       | 0.5       | 370.6     | 27.3      | 29.62     | 16        | 365       | 1.27      | 35        | 9.31      | 0.57      | 0.1       | 91.6      |
| 1301083    | 07/07/2012  | NAD 83 - 7 | 7183425  | 511431  | 446       | DAW12000133 | 329       | 11        | 3.3       | 670.6     | 26.2      | 43.33     | 79        | 190       | 4.15      | 54.9      | 13.6      | 1.67      | 0.3       | 144.6     |
| 1301084    | 07/07/2012  | NAD 83 - 7 | 7183383  | 511523  | 461       | DAW12000133 | 464       | 16.8      | 2.3       | 332.7     | 17.8      | 64.91     | 148       | 42        | 9.72      | 23.7      | 19        | 1.59      | 0.94      | 111.9     |
| 1301085    | 07/07/2012  | NAD 83 - 7 | 7183361  | 511620  | 483       | DAW12000133 | 292       | 10        | 3.3       | 665.2     | 24        | 53.22     | 66        | 568       | 5.73      | 42.3      | 15.74     | 1.44      | 0.46      | 126.8     |



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301086    | 07/07/2012  | NAD 83 - 7 | 7183318  | 511711  | 496       | DAW12000133 | 171    | 9      | 3.4    | 384.7  | 31.1   | 33.14  | 51     | 279    | 2.89   | 66.4   | 14.7   | 0.86   | 0.13   | 184.5  |
| 1301087    | 07/07/2012  | NAD 83 - 7 | 7183327  | 511810  | 519       | DAW12000133 | 269    | 9.8    | 4.1    | 615.9  | 26.1   | 56.4   | 148    | 109    | 3.68   | 38     | 18.71  | 0.99   | 0.37   | 100.3  |
| 1301088    | 07/07/2012  | NAD 83 - 7 | 7183319  | 511910  | 547       | DAW12000133 | 318    | 9.9    | 2.3    | 343.6  | 26.7   | 34.95  | 63     | 79     | 3.18   | 28.8   | 21.34  | 0.76   | 0.22   | 70.7   |
| 1301089    | 07/07/2012  | NAD 83 - 7 | 7183272  | 511999  | 569       | DAW12000133 | 126    | 8.7    | 1.9    | 346.3  | 23.4   | 42.07  | 69     | 86     | 2.94   | 23.2   | 16.87  | 0.77   | 0.23   | 59.5   |
| 1301090    | 07/07/2012  | NAD 83 - 7 | 7183255  | 512098  | 593       | DAW12000133 | 168    | 8.9    | 0.8    | 266.9  | 35.3   | 25.46  | 10     | 151    | 2.35   | 34.5   | 24.3   | 0.67   | 0.2    | 107.8  |
| 1301091    | 07/07/2012  | NAD 83 - 7 | 7183261  | 512199  | 623       | DAW12000133 | 133    | 7.1    | 0.9    | 250.7  | 30.2   | 21.9   | 7      | 162    | 1.98   | 33.1   | 30.53  | 0.63   | 0.14   | 94.9   |
| 1301092    | 07/07/2012  | NAD 83 - 7 | 7183280  | 512298  | 658       | DAW12000133 | 259    | 6.5    | 3      | 422.7  | 33.9   | 24.42  | 14     | 266    | 1.74   | 31.6   | 32.74  | 0.56   | 0.25   | 114.2  |
| 1301093    | 07/07/2012  | NAD 83 - 7 | 7183276  | 512399  | 702       | DAW12000133 | 189    | 11     | 0.1    | 374    | 34.5   | 25.02  | 18     | 348    | 2.31   | 34.1   | 37.46  | 0.82   | 0.16   | 135.6  |
| 1301094    | 07/07/2012  | NAD 83 - 7 | 7183299  | 512494  | 756       | DAW12000133 | 92     | 4.8    | 0.7    | 471.2  | 27.3   | 15.46  | 11     | 294    | 1.53   | 24.3   | 27.62  | 0.51   | 0.15   | 164.6  |
| 1301095    | 07/07/2012  | NAD 83 - 7 | 7183369  | 512565  | 806       | DAW12000133 | 172    | 7.4    | 0.3    | 396    | 29.6   | 16.85  | 5      | 205    | 1.95   | 24.7   | 26.94  | 0.64   | 0.2    | 115.7  |
| 1301096    | 07/07/2012  | NAD 83 - 7 | 7183462  | 512574  | 819       | DAW12000133 | 150    | 11.5   | 3.3    | 278.9  | 37.8   | 52.42  | 38     | 178    | 1.88   | 50     | 182.76 | 1.03   | 0.19   | 166    |
| 1301097    | 07/07/2012  | NAD 83 - 7 | 7183548  | 512514  | 778       | DAW12000133 | 100    | 5.2    | 4.2    | 203    | 41.5   | 45.64  | 26     | 151    | 1.42   | 55.4   | 150.25 | 0.56   | 0.23   | 215.1  |
| 1301098    | 07/07/2012  | NAD 83 - 7 | 7183631  | 512462  | 742       | DAW12000133 | 107    | 11.3   | 2.9    | 285.4  | 39.2   | 44     | 34     | 171    | 1.86   | 44.1   | 38.08  | 1.14   | 0.26   | 110.9  |
| 1301099    | 07/07/2012  | NAD 83 - 7 | 7183680  | 512378  | 683       | DAW12000133 | 271    | 11     | 1.7    | 288.8  | 37.7   | 46.46  | 50     | 179    | 2.2    | 44.3   | 35.81  | 1.28   | 0.23   | 110.1  |
| 1301100    | 07/07/2012  | NAD 83 - 7 | 7183748  | 512306  | 626       | DAW12000133 | 91     | 7.3    | 0.7    | 391.7  | 40     | 47.94  | 35     | 222    | 2.12   | 48.4   | 23.14  | 1.06   | 0.2    | 164.5  |
| 1301101    | 07/07/2012  | NAD 83 - 7 | 7184082  | 510971  | 549       | DAW12000133 | 217    | 12.2   | 2.2    | 300.9  | 21.3   | 25.65  | 37     | 100    | 6.83   | 12.2   | 15.15  | 1.52   | 0.54   | 59.8   |
| 1301102    | 07/07/2012  | NAD 83 - 7 | 7183673  | 511198  | 482       | DAW12000133 | 204    | 10.7   | 2      | 621.6  | 30.1   | 41.71  | 37     | 232    | 3.87   | 33.4   | 13.2   | 1.37   | 0.27   | 99.9   |
| 1301103    | 07/07/2012  | NAD 83 - 7 | 7183766  | 511233  | 487       | DAW12000133 | 253    | 42.2   | 2.9    | 374.4  | 23.5   | 56.22  | 127    | 55     | 7.62   | 13.4   | 17.31  | 1.13   | 0.82   | 37.9   |
| 1301104    | 07/07/2012  | NAD 83 - 7 | 7183831  | 511307  | 502       | DAW12000133 | 307    | 16.7   | 1.6    | 644.5  | 8.7    | 56.17  | 150    | 10     | 14.22  | 12.2   | 10.4   | 3.39   | 1.2    | 36.8   |
| 1301105    | 07/07/2012  | NAD 83 - 7 | 7183921  | 511348  | 513       | DAW12000133 | 125    | 7.4    | 1.2    | 218    | 19     | 32.36  | 25     | 56     | 2.7    | 16.8   | 11.6   | 0.62   | 0.19   | 54.9   |
| 1301106    | 07/07/2012  | NAD 83 - 7 | 7184010  | 511394  | 524       | DAW12000133 | 105    | 8.6    | 0.2    | 209.5  | 21.5   | 28.57  | 11     | 68     | 3.2    | 18.2   | 12.81  | 0.77   | 0.19   | 70.1   |
| 1301107    | 07/07/2012  | NAD 83 - 7 | 7184093  | 511450  | 532       | DAW12000133 | 96     | 7.8    | 1.3    | 290.5  | 21.6   | 36.94  | 31     | 72     | 2.72   | 23.2   | 12.99  | 0.77   | 0.18   | 71.8   |
| 1301108    | 07/07/2012  | NAD 83 - 7 | 7184178  | 511508  | 551       | DAW12000133 | 156    | 6.7    | 0.7    | 367.7  | 17.3   | 27.89  | 15     | 57     | 2.65   | 15.6   | 12.73  | 0.59   | 0.16   | 48.6   |
| 1301109    | 07/07/2012  | NAD 83 - 7 | 7184256  | 511580  | 579       | DAW12000133 | 126    | 9.4    | 0.4    | 262.4  | 23.4   | 27.08  | 20     | 77     | 3.83   | 16.9   | 13.7   | 0.8    | 0.22   | 66     |
| 1301110    | 07/07/2012  | NAD 83 - 7 | 7184356  | 511608  | 594       | DAW12000133 | 233    | 7.4    | 1.3    | 291.2  | 27.3   | 19.74  | 17     | 152    | 2.41   | 23.3   | 19.65  | 0.6    | 0.19   | 88.8   |
| 1301111    | 07/07/2012  | NAD 83 - 7 | 7184442  | 511673  | 616       | DAW12000133 | 164    | 7.6    | 1.1    | 420.8  | 31.7   | 22.63  | 28     | 233    | 2.18   | 32.6   | 20.3   | 0.79   | 0.18   | 112.5  |
| 1301112    | 07/07/2012  | NAD 83 - 7 | 7184534  | 511733  | 634       | DAW12000133 | 246    | 4.3    | 3      | 259    | 20.6   | 13     | 22     | 170    | 1.35   | 15.1   | 14.55  | 0.35   | 0.19   | 61.9   |
| 1301113    | 07/07/2012  | NAD 83 - 7 | 7184604  | 511790  | 655       | DAW12000133 | 192    | 8.3    | 4.2    | 429.4  | 31.7   | 24.69  | 25     | 243    | 2.18   | 28.6   | 22.71  | 0.74   | 0.23   | 108.4  |
| 1301114    | 07/07/2012  | NAD 83 - 7 | 7184703  | 511835  | 685       | DAW12000133 | 277    | 10.5   | 1.7    | 358    | 39.6   | 23.16  | 21     | 258    | 3.15   | 32.2   | 19.57  | 0.77   | 0.27   | 89.8   |
| 1301115    | 07/07/2012  | NAD 83 - 7 | 7184799  | 511869  | 713       | DAW12000133 | 173    | 12     | 1.4    | 312.9  | 38.6   | 29.13  | 21     | 201    | 2.87   | 47.2   | 22.37  | 0.99   | 0.25   | 109.7  |
| 1301116    | 07/07/2012  | NAD 83 - 7 | 7184868  | 511939  | 719       | DAW12000133 | 40     | 9.5    | 0.8    | 233.4  | 33.2   | 37.55  | 16     | 61     | 2.41   | 46.3   | 83.35  | 0.94   | 0.28   | 77.9   |
| 1301117    | 07/07/2012  | NAD 83 - 7 | 7184613  | 512139  | 766       | DAW12000133 | 48     | 6      | 0.1    | 203    | 17.9   | 15.56  | 11     | 174    | 1.9    | 16.6   | 14.51  | 0.67   | 0.24   | 112.5  |
| 1301118    | 07/07/2012  | NAD 83 - 7 | 7184523  | 512138  | 741       | DAW12000133 | 142    | 8.8    | 1.9    | 740.5  | 36.3   | 51.15  | 22     | 639    | 2.13   | 53.9   | 62.11  | 0.96   | 0.34   | 284.3  |
| 1301119    | 07/07/2012  | NAD 83 - 7 | 7184430  | 512124  | 703       | DAW12000133 | 55     | 6.3    | 0.4    | 709.2  | 39.7   | 31.22  | 11     | 337    | 1.52   | 41     | 56.5   | 0.53   | 0.36   | 450.2  |
| 1301120    | 07/07/2012  | NAD 83 - 7 | 7184331  | 512118  | 658       | DAW12000133 | 1546   | 6.7    | 4.8    | 4797.9 | 7.4    | 108.65 | 147    | 33     | 5.6    | 22.8   | 9.08   | 4.77   | 0.73   | 95.4   |
| 1301121    | 07/07/2012  | NAD 83 - 7 | 7184231  | 512141  | 593       | DAW12000133 | 117    | 8.6    | 0.2    | 913.2  | 31.3   | 41.13  | 27     | 226    | 1.9    | 47.9   | 67.85  | 0.89   | 0.34   | 232.5  |
| 1301122    | 08/07/2012  | NAD 83 - 7 | 7185579  | 514596  | 682       | DAW12000133 | 640    | 16.2   | 1.9    | 434.6  | 13.9   | 13.4   | 38     | 36     | 18.26  | 8.2    | 13.01  | 4.47   | 1.72   | 33.8   |
| 1301123    | 08/07/2012  | NAD 83 - 7 | 7185602  | 514696  | 721       | DAW12000133 | 875    | 52.7   | 3.4    | 920.9  | 19     | 71.65  | 157    | 39     | 29.14  | 31.6   | 13.66  | 6.13   | 1.9    | 158.3  |
| 1301124    | 08/07/2012  | NAD 83 - 7 | 7185641  | 514789  | 770       | DAW12000133 | 3324   | 8.7    | 1      | 407.8  | 10.4   | 9.97   | 20     | 31     | 16.98  | 4.2    | 21.61  | 8.51   | 1.71   | 17.5   |
| 1301125    | 08/07/2012  | NAD 83 - 7 | 7185669  | 514879  | 816       | DAW12000133 | 576    | 17.1   | 3.2    | 1047.5 | 28.9   | 20.91  | 50     | 148    | 14.54  | 28.7   | 13.57  | 2.58   | 1.45   | 72.2   |
| 1301126    | 08/07/2012  | NAD 83 - 7 | 7185699  | 514974  | 864       | DAW12000133 | 1294   | 19.2   | 3.1    | 413.6  | 19.3   | 26.66  | 73     | 45     | 47.62  | 19.3   | 16.36  | 6.89   | 2.48   | 66.8   |
| 1301127    | 08/07/2012  | NAD 83 - 7 | 7185734  | 515055  | 907       | DAW12000133 | 2097   | 13.1   | 2.7    | 975.9  | 40.3   | 37.52  | 48     | 76     | 14.37  | 22.2   | 14.46  | 2.8    | 0.96   | 73.6   |
| 1301128    | 08/07/2012  | NAD 83 - 7 | 7185745  | 515172  | 943       | DAW12000133 | 3244   | 17.2   | 26.8   | 170.7  | 50.2   | 175.89 | 362    | 44     | 3.31   | 24.9   | 38.05  | 2.56   | 0.33   | 87.4   |
| 1301129    | 08/07/2012  | NAD 83 - 7 | 7185842  | 515143  | 965       | DAW12000133 | 502    | 5.1    | 1      | 151.5  | 15.3   | 12.18  | 44     | 12     | 2.08   | 2.8    | 7.68   | 0.66   | 0.12   | 11     |
| 1301130    | 08/07/2012  | NAD 83 - 7 | 7185942  | 515143  | 968       | DAW12000133 | 1749   | 22.7   | 3      | 589.9  | 43.6   | 50.3   | 95     | 46     | 8.57   | 12.4   | 19.82  | 1.96   | 0.31   | 79.7   |
| 1301131    | 08/07/2012  | NAD 83 - 7 | 7186037  | 515635  | 811       | DAW12000133 | 1094   | 14.2   | 1.3    | 225.3  | 36.7   | 15.61  | 65     | 189    | 4.56   | 18.7   | 11.88  | 1.12   | 0.27   | 50.2   |
| 1301132    | 08/07/2012  | NAD 83 - 7 | 7186035  | 515537  | 841       | DAW12000133 | 1438   | 17.8   | 6      | 835.1  | 33.7   | 25.11  | 116    | 70     | 6.51   | 11.8   | 11.33  | 1.1    | 0.34   | 30.9   |
| 1301133    | 08/07/2012  | NAD 83 - 7 | 7186007  | 515436  | 887       | DAW12000133 | 846    | 8.5    | 4.1    | 302.8  | 13     | 23.59  | 41     | 19     | 1.58   | 3.7    | 6.37   | 0.54   | 0.18   | 5.4    |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301134    | 08/07/2012  | NAD 83 - 7 | 7185968  | 515322  | 916       | DAW12000133 | 849    | 14.3   | 5.9    | 441    | 41     | 31.5   | 82     | 270    | 3.61   | 29.4   | 11.37  | 1.24   | 0.24   | 74.9   |
| 1301135    | 08/07/2012  | NAD 83 - 7 | 7185947  | 515240  | 936       | DAW12000133 | 523    | 13.7   | 4      | 380    | 38.1   | 23.57  | 77     | 204    | 3.22   | 22.4   | 11.77  | 1.02   | 0.21   | 65.9   |
| 1301136    | 08/07/2012  | NAD 83 - 7 | 7186033  | 515100  | 954       | DAW12000133 | 3406   | 16.6   | 3.3    | 164.9  | 26.4   | 20.82  | 305    | 25     | 7.19   | 4.6    | 23.09  | 2.6    | 0.36   | 10.6   |
| 1301137    | 09/07/2012  | NAD 83 - 7 | 7187263  | 513505  | 763       | DAW12000133 | 72     | 12.4   | 1.1    | 192.7  | 36.1   | 42.89  | 51     | 218    | 3.03   | 37.3   | 34.36  | 1.09   | 0.45   | 142.7  |
| 1301138    | 09/07/2012  | NAD 83 - 7 | 7187163  | 513481  | 823       | DAW12000133 | 145    | 9.8    | 1.4    | 342.7  | 40.8   | 49.95  | 60     | 249    | 2.44   | 44.5   | 17.81  | 0.88   | 0.49   | 116.9  |
| 1301139    | 09/07/2012  | NAD 83 - 7 | 7187070  | 513508  | 866       | DAW12000133 | 31     | 10.4   | 1      | 279.2  | 28.6   | 32.33  | 19     | 138    | 2.58   | 23.4   | 15.24  | 0.89   | 0.29   | 65.3   |
| 1301140    | 09/07/2012  | NAD 83 - 7 | 7186970  | 513516  | 920       | DAW12000133 | 170    | 11.4   | 1.8    | 255.1  | 27.6   | 30.88  | 27     | 161    | 2.43   | 29.3   | 26.32  | 1.34   | 0.37   | 73.1   |
| 1301141    | 09/07/2012  | NAD 83 - 7 | 7186880  | 513566  | 971       | DAW12000133 | 137    | 7.6    | 1.4    | 370.6  | 29.8   | 32     | 22     | 177    | 1.83   | 31     | 17.03  | 0.8    | 0.2    | 86.9   |
| 1301142    | 09/07/2012  | NAD 83 - 7 | 7186799  | 513618  | 1026      | DAW12000133 | 391    | 10.2   | 1.2    | 484.4  | 38.6   | 54.22  | 92     | 173    | 2.26   | 51.3   | 44.8   | 1.11   | 0.34   | 152.8  |
| 1301143    | 09/07/2012  | NAD 83 - 7 | 7186743  | 513637  | 1053      | DAW12000133 | 116    | 9.5    | 3.7    | 250.5  | 30.4   | 25.28  | 13     | 158    | 1.8    | 25.6   | 14.43  | 0.89   | 0.29   | 67.4   |
| 1301144    | 09/07/2012  | NAD 83 - 7 | 7186645  | 513521  | 1038      | DAW12000133 | 421    | 9.7    | 0.4    | 1304.3 | 40.6   | 55.09  | 76     | 286    | 1.56   | 55.3   | 21.64  | 0.78   | 0.42   | 76.9   |
| 1301145    | 09/07/2012  | NAD 83 - 7 | 7186604  | 513432  | 1034      | DAW12000133 | 190    | 8.3    | 0.1    | 584.5  | 34     | 26.18  | 15     | 194    | 1.69   | 28.7   | 17.78  | 0.79   | 0.25   | 92.6   |
| 1301146    | 09/07/2012  | NAD 83 - 7 | 7186564  | 513339  | 1028      | DAW12000133 | 91     | 6.6    | 0.3    | 476.3  | 41.9   | 32.87  | 19     | 685    | 0.97   | 46.3   | 10.16  | 0.78   | 0.28   | 78.5   |
| 1301147    | 09/07/2012  | NAD 83 - 7 | 7186524  | 513242  | 1026      | DAW12000133 | 177    | 9.1    | 0.4    | 499.4  | 36.3   | 32.72  | 26     | 270    | 1.96   | 34.6   | 20.48  | 0.79   | 0.44   | 106.3  |
| 1301148    | 09/07/2012  | NAD 83 - 7 | 7186475  | 513156  | 1042      | DAW12000133 | 52     | 10.5   | 1.5    | 325.4  | 39     | 61.96  | 53     | 323    | 1.79   | 56.9   | 32.53  | 0.85   | 0.64   | 104.7  |
| 1301149    | 09/07/2012  | NAD 83 - 7 | 7186455  | 513061  | 1039      | DAW12000133 | 215    | 8.3    | 0.6    | 314.2  | 39.8   | 35.91  | 33     | 192    | 1.57   | 39.5   | 17.81  | 0.77   | 0.29   | 92.2   |
| 1301150    | 09/07/2012  | NAD 83 - 7 | 7186403  | 512981  | 1048      | DAW12000133 | 105    | 9.4    | 2.2    | 364.6  | 36.3   | 34.5   | 21     | 218    | 1.65   | 44.2   | 27.56  | 0.86   | 0.48   | 85.1   |
| 1301151    | 08/07/2012  | NAD 83 - 7 | 7185442  | 514148  | 645       | DAW12000133 | 251    | 28.3   | 0.8    | 611.5  | 16.3   | 22.82  | 14     | 54     | 12.1   | 11.3   | 15.19  | 2.14   | 1.3    | 44.6   |
| 1301152    | 08/07/2012  | NAD 83 - 7 | 7185555  | 514157  | 655       | DAW12000133 | 295    | 24.6   | 0.5    | 538.7  | 11.1   | 16.84  | 11     | 24     | 11.68  | 9.4    | 15.09  | 1.8    | 1.6    | 37.4   |
| 1301153    | 08/07/2012  | NAD 83 - 7 | 7185661  | 514189  | 673       | DAW12000133 | 580    | 44.8   | 0.1    | 1237.1 | 22.9   | 17.89  | 21     | 88     | 17.41  | 16.3   | 12.76  | 4.34   | 1.25   | 61.4   |
| 1301154    | 08/07/2012  | NAD 83 - 7 | 7185768  | 514197  | 705       | DAW12000133 | 579    | 13.7   | 0.1    | 695.7  | 16.4   | 8.76   | 2.5    | 63     | 11.88  | 8.5    | 12.18  | 2.21   | 1.34   | 26     |
| 1301155    | 08/07/2012  | NAD 83 - 7 | 7185873  | 514209  | 735       | DAW12000133 | 437    | 21.8   | 3.7    | 1072.6 | 31     | 13.82  | 28     | 186    | 8.98   | 16.7   | 12.23  | 3.23   | 0.73   | 49.1   |
| 1301156    | 08/07/2012  | NAD 83 - 7 | 7185986  | 514217  | 755       | DAW12000133 | 425    | 19.5   | 0.4    | 673    | 29.6   | 17.08  | 24     | 215    | 8.04   | 26.8   | 14.17  | 1.69   | 0.77   | 141.7  |
| 1301157    | 08/07/2012  | NAD 83 - 7 | 7186087  | 514240  | 776       | DAW12000133 | 215    | 6.6    | 0.1    | 354.3  | 8.4    | 6.98   | 11     | 19     | 11.07  | 4.5    | 7.3    | 2.21   | 0.79   | 16.3   |
| 1301158    | 08/07/2012  | NAD 83 - 7 | 7186175  | 514295  | 791       | DAW12000133 | 190    | 14.8   | 0.9    | 406    | 24.8   | 22.53  | 18     | 110    | 7.07   | 21     | 13.13  | 1.54   | 0.71   | 69.9   |
| 1301159    | 08/07/2012  | NAD 83 - 7 | 7186287  | 514330  | 812       | DAW12000133 | 129    | 14.1   | 1.4    | 587.9  | 19.5   | 28.29  | 38     | 78     | 6.79   | 18.9   | 12.64  | 1.54   | 0.76   | 63.5   |
| 1301160    | 08/07/2012  | NAD 83 - 7 | 7186384  | 514369  | 828       | DAW12000133 | 265    | 13.3   | 6.7    | 422.4  | 21     | 25.27  | 14     | 92     | 6.79   | 18.9   | 13.46  | 1.57   | 0.95   | 61.2   |
| 1301161    | 08/07/2012  | NAD 83 - 7 | 7186482  | 514403  | 853       | DAW12000133 | 185    | 11.7   | 1.4    | 425.3  | 25     | 19.9   | 26     | 150    | 5.45   | 15.9   | 12.75  | 1.18   | 0.59   | 55.5   |
| 1301162    | 08/07/2012  | NAD 83 - 7 | 7186595  | 514420  | 875       | DAW12000133 | 201    | 13.4   | 0.3    | 416    | 27.2   | 25.17  | 13     | 125    | 5.92   | 18.7   | 16.16  | 1.24   | 0.83   | 57.9   |
| 1301163    | 08/07/2012  | NAD 83 - 7 | 7186711  | 514420  | 897       | DAW12000133 | 249    | 12.4   | 0.9    | 470.5  | 27.2   | 39.74  | 51     | 151    | 4.28   | 35.3   | 13.57  | 1.89   | 0.36   | 100.3  |
| 1301164    | 08/07/2012  | NAD 83 - 7 | 7186837  | 514390  | 918       | DAW12000133 | 100    | 14.5   | 1.2    | 270.4  | 29     | 21.91  | 50     | 195    | 5.19   | 20.5   | 19.55  | 1.02   | 0.37   | 55     |
| 1301165    | 08/07/2012  | NAD 83 - 7 | 7186871  | 514496  | 926       | DAW12000133 | 177    | 12.6   | 1.3    | 347.3  | 22.1   | 32.98  | 66     | 85     | 4.66   | 19.7   | 17.24  | 1.34   | 0.43   | 51.8   |
| 1301166    | 08/07/2012  | NAD 83 - 7 | 7186933  | 514587  | 949       | DAW12000133 | 117    | 12.6   | 1.4    | 267    | 23.6   | 23.11  | 20     | 111    | 4.32   | 16     | 15.3   | 1.11   | 0.41   | 48.1   |
| 1301167    | 08/07/2012  | NAD 83 - 7 | 7187001  | 514677  | 971       | DAW12000133 | 108    | 12.3   | 1.1    | 284.3  | 23.1   | 34.85  | 46     | 78     | 4.82   | 21.5   | 19.04  | 1.04   | 0.5    | 55.3   |
| 1301168    | 08/07/2012  | NAD 83 - 7 | 7187040  | 514778  | 993       | DAW12000133 | 137    | 14     | 2.8    | 294.5  | 34.2   | 32.94  | 46     | 202    | 3.55   | 39     | 15.37  | 1.32   | 0.45   | 81.9   |
| 1301169    | 08/07/2012  | NAD 83 - 7 | 7187118  | 514859  | 1014      | DAW12000133 | 96     | 10.1   | 1.9    | 303    | 25     | 19.99  | 19     | 191    | 2.6    | 17.5   | 14.69  | 0.9    | 0.35   | 69.1   |
| 1301170    | 08/07/2012  | NAD 83 - 7 | 7187179  | 514952  | 1041      | DAW12000133 | 147    | 8.7    | 2      | 572.8  | 28.8   | 23.82  | 29     | 542    | 2.03   | 21.5   | 11.04  | 0.69   | 0.17   | 94.9   |
| 1301171    | 08/07/2012  | NAD 83 - 7 | 7187283  | 514973  | 1070      | DAW12000133 | 62     | 11.6   | 2.7    | 328.8  | 37.5   | 39.87  | 26     | 326    | 1.87   | 45.1   | 19.75  | 1.09   | 0.27   | 91     |
| 1301172    | 08/07/2012  | NAD 83 - 7 | 7187335  | 515070  | 1070      | DAW12000133 | 91     | 23.8   | 3.1    | 291.3  | 40.2   | 68.42  | 54     | 385    | 3.75   | 70.3   | 44.76  | 2.91   | 0.71   | 157.7  |
| 1301173    | 08/07/2012  | NAD 83 - 7 | 7187415  | 515142  | 1074      | DAW12000133 | 157    | 10.6   | 2.2    | 727.5  | 33.9   | 34.45  | 59     | 581    | 3.01   | 36.7   | 21.83  | 1.08   | 0.23   | 110.7  |
| 1301174    | 09/07/2012  | NAD 83 - 7 | 7184248  | 514780  | 756       | DAW12000133 | 588    | 31.6   | 2.5    | 1488.6 | 21     | 22.35  | 310    | 10     | 22.47  | 5.1    | 18.31  | 1.64   | 0.87   | 18.7   |
| 1301175    | 09/07/2012  | NAD 83 - 7 | 7183940  | 514890  | 786       | DAW12000133 | 39     | 8.3    | 1.7    | 106.9  | 26.7   | 28.44  | 23     | 147    | 1.83   | 24.4   | 12.86  | 0.71   | 0.13   | 65.3   |
| 1301176    | 09/07/2012  | NAD 83 - 7 | 7183840  | 514955  | 837       | DAW12000133 | 113    | 7.4    | 4.2    | 186.6  | 29.5   | 18.57  | 46     | 362    | 2.34   | 20.9   | 19.86  | 0.58   | 0.2    | 63.3   |
| 1301177    | 09/07/2012  | NAD 83 - 7 | 7183776  | 515033  | 885       | DAW12000133 | 331    | 5.6    | 2      | 1042.3 | 29.6   | 36.67  | 71     | 118    | 1.47   | 29.4   | 19.31  | 0.35   | 0.16   | 36.7   |
| 1301178    | 09/07/2012  | NAD 83 - 7 | 7183715  | 515129  | 936       | DAW12000133 | 91     | 10.2   | 2.4    | 139.8  | 36.6   | 23.67  | 46     | 187    | 2.31   | 21.8   | 18.57  | 0.72   | 0.21   | 62.8   |
| 1301179    | 09/07/2012  | NAD 83 - 7 | 7183637  | 515213  | 987       | DAW12000133 | 139    | 11.9   | 1.3    | 255.1  | 35.1   | 18.36  | 40     | 239    | 2.43   | 25     | 17.27  | 0.65   | 0.16   | 66.5   |
| 1301180    | 09/07/2012  | NAD 83 - 7 | 7183600  | 515323  | 1041      | DAW12000133 | 161    | 9.2    | 2      | 328.4  | 35.6   | 32.35  | 53     | 425    | 2.17   | 34.1   | 23.14  | 0.79   | 0.18   | 84     |
| 1301181    | 09/07/2012  | NAD 83 - 7 | 7183544  | 515425  | 1105      | DAW12000133 | 157    | 9.8    | 2.6    | 157.1  | 32.6   | 30.44  | 59     | 334    | 2.13   | 37.6   | 21.6   | 0.88   | 0.21   | 69.9   |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301182    | 09/07/2012  | NAD 83 - 7 | 7183517  | 515542  | 1147      | DAW12000133 | 335       | 12.2      | 3.6       | 151.7     | 38.3      | 35.92     | 66        | 380       | 3.52      | 42        | 25.68     | 1.35      | 0.32      | 91.5      |
| 1301183    | 09/07/2012  | NAD 83 - 7 | 7183428  | 515667  | 1188      | DAW12000133 | 106       | 9.5       | 2         | 177.9     | 39.1      | 38.54     | 73        | 397       | 2.21      | 38.4      | 20.07     | 0.84      | 0.19      | 77.3      |
| 1301184    | 09/07/2012  | NAD 83 - 7 | 7183422  | 515773  | 1194      | DAW12000133 | 188       | 12.7      | 2         | 389.5     | 47.8      | 57.33     | 61        | 302       | 2.07      | 57.5      | 27.07     | 1.02      | 0.23      | 94.5      |
| 1301185    | 09/07/2012  | NAD 83 - 7 | 7183412  | 515897  | 1199      | DAW12000133 | 104       | 7.9       | 1.7       | 257.3     | 42        | 51.1      | 31        | 334       | 1.9       | 51.6      | 15.97     | 0.67      | 0.18      | 88.4      |
| 1301186    | 09/07/2012  | NAD 83 - 7 | 7183404  | 516013  | 1242      | DAW12000133 | 225       | 8.6       | 2.2       | 342.7     | 42.1      | 50.85     | 60        | 412       | 1.65      | 60.2      | 24.82     | 0.77      | 0.23      | 92.5      |
| 1301187    | 09/07/2012  | NAD 83 - 7 | 7183447  | 516136  | 1284      | DAW12000133 | 183       | 7.7       | 2.3       | 260.6     | 43.1      | 55.34     | 61        | 314       | 1.48      | 58        | 19.97     | 0.76      | 0.17      | 93.2      |
| 1301188    | 09/07/2012  | NAD 83 - 7 | 7183572  | 516147  | 1244      | DAW12000133 | 148       | 9.1       | 1.9       | 266.3     | 33.6      | 34.72     | 81        | 405       | 2.07      | 35.4      | 17.99     | 0.75      | 0.19      | 71.6      |
| 1301189    | 09/07/2012  | NAD 83 - 7 | 7183696  | 516149  | 1190      | DAW12000133 | 120       | 9.2       | 2         | 164.7     | 39.6      | 38.82     | 79        | 454       | 1.89      | 43.9      | 16.96     | 0.91      | 0.22      | 80.5      |
| 1301190    | 09/07/2012  | NAD 83 - 7 | 7183821  | 516143  | 1132      | DAW12000133 | 138       | 8.8       | 1.2       | 179.2     | 36.5      | 34.58     | 48        | 323       | 1.94      | 39.6      | 16.89     | 0.78      | 0.13      | 67.8      |
| 1301191    | 09/07/2012  | NAD 83 - 7 | 7183936  | 516106  | 1069      | DAW12000133 | 182       | 9.8       | 3.2       | 574.7     | 45.9      | 51.61     | 80        | 765       | 2.36      | 60        | 30.43     | 1         | 0.23      | 135.2     |
| 1301192    | 09/07/2012  | NAD 83 - 7 | 7184071  | 516092  | 1016      | DAW12000133 | 66        | 8.4       | 3.3       | 201.5     | 32.2      | 32.99     | 58        | 140       | 2.38      | 18.2      | 13.93     | 0.62      | 0.18      | 55.5      |
| 1301193    | 09/07/2012  | NAD 83 - 7 | 7184188  | 516081  | 953       | DAW12000133 | 286       | 6.8       | 1.9       | 544.9     | 43        | 41.77     | 79        | 433       | 1.62      | 40.1      | 24.14     | 0.49      | 0.19      | 89.5      |
| 1301194    | 10/07/2012  | NAD 83 - 7 | 7184776  | 513215  | 568       | DAW12000133 | 97        | 11.3      | 2.4       | 291       | 27.4      | 25.86     | 19        | 105       | 4.56      | 27.7      | 43.83     | 1.07      | 0.44      | 91.9      |
| 1301195    | 10/07/2012  | NAD 83 - 7 | 7184802  | 513097  | 609       | DAW12000133 | 121       | 12.3      | 1         | 209       | 25.8      | 26.98     | 19        | 90        | 4.45      | 12.6      | 174.68    | 1.07      | 0.41      | 64.7      |
| 1301196    | 10/07/2012  | NAD 83 - 7 | 7184818  | 512997  | 638       | DAW12000133 | 100       | 10.5      | 2.1       | 218.8     | 24.1      | 19.52     | 32        | 80        | 4.25      | 11        | 65.13     | 0.75      | 0.53      | 60.1      |
| 1301197    | 10/07/2012  | NAD 83 - 7 | 7184929  | 512961  | 621       | DAW12000133 | 215       | 12.3      | 1.1       | 321       | 23.7      | 19.5      | 11        | 47        | 4.46      | 18.9      | 13.46     | 1.04      | 0.36      | 58.4      |
| 1301198    | 10/07/2012  | NAD 83 - 7 | 7185031  | 512913  | 646       | DAW12000133 | 85        | 24        | 1         | 206.6     | 18.7      | 24.18     | 20        | 23        | 9.65      | 4         | 34.3      | 1.32      | 0.47      | 29        |
| 1301199    | 10/07/2012  | NAD 83 - 7 | 7185128  | 512860  | 675       | DAW12000133 | 58        | 4.8       | 2.5       | 219.6     | 15.5      | 11.54     | 8         | 71        | 1.89      | 10.3      | 19.98     | 0.49      | 0.16      | 60.3      |
| 1301200    | 10/07/2012  | NAD 83 - 7 | 7185242  | 512851  | 681       | DAW12000133 | 50        | 8.3       | 3.1       | 273.7     | 29.2      | 17.15     | 24        | 186       | 2.04      | 22        | 10.4      | 0.68      | 0.2       | 55.9      |
| 1301201    | 07/07/2012  | NAD 83 - 7 | 7184852  | 511976  | 721       | DAW12000133 | 60        | 7.2       | 1         | 224.6     | 21.7      | 14.39     | 14        | 81        | 2.3       | 14.5      | 26.59     | 0.7       | 0.27      | 62.8      |
| 1301202    | 07/07/2012  | NAD 83 - 7 | 7184778  | 512047  | 734       | DAW12000133 | 66        | 9.3       | 1         | 256.5     | 28.3      | 15.77     | 23        | 176       | 2.26      | 26.4      | 19.9      | 0.68      | 0.24      | 113.3     |
| 1301203    | 07/07/2012  | NAD 83 - 7 | 7184690  | 512099  | 747       | DAW12000133 | 22        | 9         | 1.2       | 251.1     | 28.2      | 28.2      | 12        | 151       | 2.76      | 36        | 28.91     | 0.87      | 0.3       | 199.3     |
| 1301204    | 07/07/2012  | NAD 83 - 7 | 7184602  | 512155  | 770       | DAW12000133 | 69        | 4.6       | 0.6       | 181.7     | 16.9      | 18.25     | 19        | 117       | 1.66      | 17.1      | 18.36     | 0.55      | 0.25      | 161.8     |
| 1301205    | 07/07/2012  | NAD 83 - 7 | 7184545  | 512232  | 721       | DAW12000133 | 85        | 8.2       | 5.8       | 543.5     | 36.4      | 28.2      | 20        | 615       | 2.16      | 47.4      | 61.41     | 0.83      | 0.38      | 420       |
| 1301206    | 07/07/2012  | NAD 83 - 7 | 7184461  | 512281  | 656       | DAW12000133 | 93        | 8         | 2.4       | 699.2     | 33.4      | 36.57     | 20        | 317       | 1.88      | 48.2      | 54.74     | 0.91      | 0.3       | 340.4     |
| 1301207    | 07/07/2012  | NAD 83 - 7 | 7184429  | 512389  | 597       | DAW12000133 | 90        | 5.4       | 1.5       | 879.5     | 33.3      | 22.93     | 15        | 624       | 1.64      | 40        | 75.41     | 0.66      | 0.25      | 504.2     |
| 1301208    | 07/07/2012  | NAD 83 - 7 | 7184400  | 512479  | 547       | DAW12000133 | 191       | 5.9       | 1.2       | 920.4     | 31.3      | 23.36     | 36        | 584       | 1.46      | 46.6      | 54.72     | 0.66      | 0.28      | 593.3     |
| 1301209    | 07/07/2012  | NAD 83 - 7 | 7184369  | 512570  | 509       | DAW12000133 | 174       | 7.7       | 3.7       | 535.2     | 28.6      | 35.37     | 69        | 306       | 2.34      | 48.4      | 85.18     | 0.84      | 0.45      | 333       |
| 1301210    | 08/07/2012  | NAD 83 - 7 | 7184923  | 514774  | 642       | DAW12000133 | 962       | 17.3      | 5.5       | 1676.5    | 36.1      | 104.01    | 225       | 137       | 6.34      | 101.6     | 19.18     | 1.33      | 0.6       | 166.1     |
| 1301211    | 08/07/2012  | NAD 83 - 7 | 7184917  | 514874  | 666       | DAW12000133 | 417       | 11.8      | 5.3       | 364.9     | 34.1      | 25.4      | 35        | 161       | 3.82      | 28        | 11.32     | 1.32      | 0.45      | 68.2      |
| 1301212    | 08/07/2012  | NAD 83 - 7 | 7184922  | 514975  | 688       | DAW12000133 | 173       | 14.1      | 3.1       | 642.7     | 25.9      | 15.99     | 23        | 74        | 4.91      | 14.3      | 12.77     | 1.21      | 0.33      | 39.9      |
| 1301213    | 08/07/2012  | NAD 83 - 7 | 7184908  | 515078  | 696       | DAW12000133 | 296       | 14.2      | 3.2       | 1210.7    | 22.4      | 29.6      | 30        | 182       | 7.6       | 24.7      | 10        | 2.35      | 0.67      | 74.3      |
| 1301214    | 08/07/2012  | NAD 83 - 7 | 7184912  | 515178  | 710       | DAW12000133 | 254       | 17.9      | 2         | 878.2     | 21.5      | 21.1      | 25        | 118       | 7.87      | 23        | 11.34     | 2.42      | 0.64      | 70.2      |
| 1301215    | 08/07/2012  | NAD 83 - 7 | 7184942  | 515281  | 721       | DAW12000133 | 138       | 12.9      | 1.3       | 441.4     | 17.5      | 9.22      | 10        | 105       | 5.94      | 10.1      | 10.3      | 1.99      | 0.42      | 36.1      |
| 1301216    | 08/07/2012  | NAD 83 - 7 | 7184959  | 515383  | 732       | DAW12000133 | 269       | 18.5      | 1.8       | 626.8     | 30.9      | 22.17     | 35        | 146       | 6.17      | 23.4      | 11.95     | 2.03      | 0.53      | 59.7      |
| 1301217    | 08/07/2012  | NAD 83 - 7 | 7184980  | 515482  | 744       | DAW12000133 | 222       | 29.5      | 0.5       | 829.7     | 32.1      | 40.25     | 32        | 99        | 9.87      | 31.6      | 14.5      | 2.95      | 0.87      | 136.2     |
| 1301218    | 08/07/2012  | NAD 83 - 7 | 7185033  | 515582  | 762       | DAW12000133 | 202       | 19.1      | 3.3       | 385.1     | 21.5      | 10.39     | 24        | 115       | 11.02     | 9.2       | 11.05     | 2.48      | 0.67      | 35.5      |
| 1301219    | 08/07/2012  | NAD 83 - 7 | 7185069  | 515677  | 780       | DAW12000133 | 581       | 24.8      | 6.3       | 1115.3    | 27.3      | 39.24     | 84        | 173       | 13.08     | 21.2      | 13.55     | 4.31      | 1.05      | 60.9      |
| 1301220    | 08/07/2012  | NAD 83 - 7 | 7185111  | 515773  | 809       | DAW12000133 | 68        | 6.2       | 0.4       | 524.7     | 30.8      | 20.99     | 15        | 278       | 1.5       | 29.3      | 29.43     | 0.53      | 0.29      | 208       |
| 1301221    | 08/07/2012  | NAD 83 - 7 | 7185187  | 515839  | 840       | DAW12000133 | 435       | 22.1      | 3         | 261.2     | 8.8       | 25.27     | 53        | 40        | 22.05     | 17.1      | 11.16     | 3.46      | 2.66      | 28.2      |
| 1301222    | 08/07/2012  | NAD 83 - 7 | 7185290  | 515834  | 867       | DAW12000133 | 297       | 13.3      | 1.8       | 741.9     | 5.6       | 33.13     | 104       | 107       | 12.17     | 25.1      | 5.17      | 3.71      | 1.63      | 57.1      |
| 1301223    | 08/07/2012  | NAD 83 - 7 | 7185315  | 515737  | 878       | DAW12000133 | 213       | 4.5       | 1.2       | 1489.7    | 8.2       | 15.2      | 29        | 20        | 8.68      | 7.8       | 5.56      | 0.53      | 0.56      | 14.1      |
| 1301224    | 08/07/2012  | NAD 83 - 7 | 7185354  | 515635  | 871       | DAW12000133 | 157       | 31.8      | 3.6       | 267.3     | 10.5      | 59.63     | 114       | 120       | 27.02     | 28.5      | 11.5      | 1.43      | 3.31      | 60.8      |
| 1301225    | 08/07/2012  | NAD 83 - 7 | 7185410  | 515540  | 868       | DAW12000133 | 227       | 5.3       | 0.7       | 1322.5    | 8.5       | 8.94      | 15        | 14        | 22.29     | 7.6       | 8.99      | 1.73      | 1.25      | 28.1      |
| 1301226    | 08/07/2012  | NAD 83 - 7 | 7185487  | 515479  | 887       | DAW12000133 | 686       | 12.6      | 3.1       | 1035.2    | 21.1      | 19.31     | 39        | 67        | 23.42     | 37.1      | 12.23     | 4.01      | 1.1       | 180.3     |
| 1301227    | 08/07/2012  | NAD 83 - 7 | 7185576  | 515430  | 919       | DAW12000133 | 1282      | 18.5      | 5.2       | 1674.4    | 35.9      | 19.75     | 87        | 68        | 7.68      | 13.4      | 13.47     | 2.34      | 0.36      | 40.2      |
| 1301228    | 08/07/2012  | NAD 83 - 7 | 7185688  | 515412  | 956       | DAW12000133 | 905       | 13.7      | 4.8       | 340       | 36.7      | 25.68     | 76        | 211       | 4.11      | 28.2      | 12.81     | 1.15      | 0.29      | 76.3      |
| 1301229    | 08/07/2012  | NAD 83 - 7 | 7185747  | 515329  | 956       | DAW12000133 | 618       | 11        | 2.9       | 607.8     | 32.3      | 49.74     | 44        | 136       | 4.54      | 15.5      | 14.89     | 1.24      | 0.24      | 70.8      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301230    | 08/07/2012  | NAD 83 - 7 | 7185777  | 515227  | 968       | DAW12000133 | 1281      | 11.1      | 4.3       | 457.9     | 38.7      | 53.77     | 78        | 169       | 4.31      | 34.2      | 15.24     | 1.04      | 0.3       | 93.8      |
| 1301231    | 09/07/2012  | NAD 83 - 7 | 7184370  | 515560  | 779       | DAW12000133 | 973       | 5.6       | 4.8       | 361.3     | 26.7      | 43.15     | 290       | 207       | 1.51      | 33.2      | 23.52     | 0.49      | 0.47      | 73.6      |
| 1301232    | 09/07/2012  | NAD 83 - 7 | 7184283  | 515621  | 816       | DAW12000133 | 331       | 26.8      | 2.4       | 433.2     | 30.3      | 57.28     | 104       | 97        | 9.36      | 81.7      | 67.9      | 2.44      | 1.05      | 147.9     |
| 1301233    | 09/07/2012  | NAD 83 - 7 | 7184194  | 515668  | 860       | DAW12000133 | 171       | 4.9       | 1.3       | 246.9     | 16.7      | 19.17     | 39        | 108       | 1.49      | 12.6      | 10.5      | 0.39      | 0.15      | 39.1      |
| 1301234    | 09/07/2012  | NAD 83 - 7 | 7184106  | 515708  | 913       | DAW12000133 | 205       | 10.8      | 2.8       | 226.7     | 37.7      | 30.04     | 59        | 210       | 2.79      | 21.4      | 20.98     | 0.62      | 0.22      | 59.2      |
| 1301235    | 09/07/2012  | NAD 83 - 7 | 7184018  | 515755  | 969       | DAW12000133 | 154       | 9.8       | 6.5       | 256.2     | 34.7      | 27.43     | 55        | 419       | 1.93      | 32.6      | 17.72     | 0.64      | 0.21      | 76.9      |
| 1301236    | 09/07/2012  | NAD 83 - 7 | 7183940  | 515822  | 1016      | DAW12000133 | 80        | 7.2       | 1.2       | 336.4     | 27.6      | 28.67     | 20        | 199       | 2.2       | 22.6      | 10.96     | 0.55      | 0.14      | 47.7      |
| 1301237    | 09/07/2012  | NAD 83 - 7 | 7183869  | 515889  | 1043      | DAW12000133 | 234       | 9.1       | 1.7       | 493.2     | 33.5      | 38.24     | 78        | 528       | 2.52      | 42.4      | 17.55     | 0.81      | 0.28      | 92.3      |
| 1301238    | 09/07/2012  | NAD 83 - 7 | 7183784  | 515949  | 1099      | DAW12000133 | 357       | 9.2       | 2         | 583.3     | 37.4      | 56.98     | 168       | 566       | 2.55      | 60        | 32.05     | 0.89      | 0.25      | 116.8     |
| 1301239    | 09/07/2012  | NAD 83 - 7 | 7183703  | 516017  | 1154      | DAW12000133 | 179       | 7.9       | 2.3       | 473.1     | 32.4      | 34.46     | 93        | 442       | 2.12      | 39.2      | 17.54     | 0.72      | 0.19      | 76.8      |
| 1301241    | 09/07/2012  | NAD 83 - 7 | 7183628  | 516081  | 1204      | DAW12000133 | 95        | 8.6       | 2.4       | 171.3     | 34.2      | 32.75     | 56        | 280       | 2.06      | 31.1      | 16.13     | 0.73      | 0.19      | 65.4      |
| 1301242    | 09/07/2012  | NAD 83 - 7 | 7183540  | 516129  | 1248      | DAW12000133 | 115       | 8.3       | 3.1       | 297.1     | 31.8      | 40.68     | 59        | 459       | 1.74      | 46.2      | 18.03     | 0.97      | 0.14      | 80        |
| 1301243    | 09/07/2012  | NAD 83 - 7 | 7183357  | 515628  | 1167      | DAW12000133 | 84        | 11.5      | 5.3       | 190       | 35.6      | 32.72     | 44        | 278       | 1.77      | 35.6      | 16.5      | 0.99      | 0.16      | 73.9      |
| 1301244    | 09/07/2012  | NAD 83 - 7 | 7183296  | 515545  | 1143      | DAW12000133 | 68        | 12.8      | 2.4       | 183.1     | 35.9      | 28.87     | 29        | 290       | 1.79      | 40.3      | 16.92     | 0.99      | 0.16      | 77.4      |
| 1301245    | 09/07/2012  | NAD 83 - 7 | 7183247  | 515456  | 1124      | DAW12000133 | 77        | 12.6      | 3.5       | 454.3     | 38.6      | 74.66     | 77        | 992       | 3.2       | 61.6      | 28.11     | 1.45      | 0.3       | 119.7     |
| 1301246    | 09/07/2012  | NAD 83 - 7 | 7183254  | 515353  | 1095      | DAW12000133 | 280       | 29        | 3.9       | 285.2     | 26.9      | 41.83     | 465       | 253       | 10.33     | 32.3      | 26.48     | 2.12      | 0.92      | 70.2      |
| 1301247    | 09/07/2012  | NAD 83 - 7 | 7183236  | 515256  | 1085      | DAW12000133 | 75        | 10        | 1.8       | 203       | 40.1      | 53.24     | 25        | 246       | 2.03      | 58.6      | 17.24     | 1.07      | 0.15      | 86.4      |
| 1301248    | 09/07/2012  | NAD 83 - 7 | 7183211  | 515152  | 1090      | DAW12000133 | 85        | 10.3      | 1.1       | 241.7     | 36.8      | 48.43     | 51        | 244       | 1.91      | 48.9      | 19.17     | 1.16      | 0.15      | 86.1      |
| 1301249    | 09/07/2012  | NAD 83 - 7 | 7183192  | 515047  | 1092      | DAW12000133 | 169       | 10.2      | 1.9       | 186.9     | 33.4      | 45.05     | 53        | 372       | 1.95      | 39.5      | 22.49     | 1.13      | 0.26      | 86.9      |
| 1301250    | 09/07/2012  | NAD 83 - 7 | 7183207  | 514946  | 1097      | DAW12000133 | 203       | 12.4      | 2.9       | 159.4     | 36        | 34.95     | 63        | 299       | 2.07      | 43.6      | 18.6      | 1.24      | 0.2       | 88.1      |
| 1301251    | 09/07/2012  | NAD 83 - 7 | 7183192  | 514848  | 1088      | DAW12000133 | 99        | 4.5       | 1.5       | 222.7     | 17.5      | 23.63     | 34        | 112       | 1.1       | 16.3      | 10.4      | 0.5       | 0.1       | 34.7      |
| 1301252    | 09/07/2012  | NAD 83 - 7 | 7183183  | 514745  | 1086      | DAW12000133 | 99        | 5.4       | 0.9       | 272.7     | 21.6      | 29.15     | 43        | 163       | 1.36      | 20.6      | 14.4      | 0.59      | 0.11      | 46.3      |
| 1301253    | 09/07/2012  | NAD 83 - 7 | 7183253  | 514674  | 1070      | DAW12000133 | 118       | 9.8       | 7.1       | 216       | 31.3      | 32.99     | 40        | 377       | 1.6       | 36.3      | 15.51     | 0.94      | 0.15      | 73.1      |
| 1301254    | 09/07/2012  | NAD 83 - 7 | 7183354  | 514645  | 1021      | DAW12000133 | 162       | 11.5      | 6.6       | 254.4     | 39.1      | 44.23     | 69        | 349       | 2.46      | 38.4      | 29.63     | 1.13      | 0.27      | 86.8      |
| 1301255    | 09/07/2012  | NAD 83 - 7 | 7183440  | 514595  | 978       | DAW12000133 | 171       | 11.2      | 1.3       | 270       | 33.8      | 42.04     | 61        | 303       | 2.58      | 26.5      | 23.31     | 0.97      | 0.19      | 82.5      |
| 1301256    | 09/07/2012  | NAD 83 - 7 | 7183525  | 514511  | 922       | DAW12000133 | 316       | 8.4       | 3.2       | 282.4     | 34.7      | 36.78     | 64        | 311       | 1.69      | 26.8      | 19.65     | 0.7       | 0.24      | 70.2      |
| 1301257    | 09/07/2012  | NAD 83 - 7 | 7183635  | 514461  | 890       | DAW12000133 | 144       | 16.2      | 2.2       | 307.2     | 37        | 55.48     | 48        | 208       | 3.47      | 45.8      | 54.42     | 1.96      | 0.52      | 154.4     |
| 1301258    | 09/07/2012  | NAD 83 - 7 | 7183736  | 514440  | 887       | DAW12000133 | 84        | 10.6      | 0.8       | 349.5     | 29        | 30.3      | 18        | 151       | 2.83      | 33.5      | 32.04     | 1.1       | 0.15      | 86.1      |
| 1301259    | 10/07/2012  | NAD 83 - 7 | 7184457  | 512736  | 520       | DAW12000133 | 136       | 8.2       | 1.1       | 340.4     | 32.3      | 22.69     | 23        | 151       | 2.72      | 38.3      | 53.61     | 0.65      | 0.25      | 299       |
| 1301260    | 10/07/2012  | NAD 83 - 7 | 7184555  | 512701  | 549       | DAW12000133 | 117       | 7.7       | 0.1       | 439.3     | 32.6      | 22.63     | 6         | 176       | 2.22      | 37.4      | 65.89     | 0.75      | 0.24      | 443.9     |
| 1301261    | 10/07/2012  | NAD 83 - 7 | 7184662  | 512680  | 595       | DAW12000133 | 100       | 13        | 3.6       | 424       | 42.1      | 31.28     | 35        | 257       | 3.56      | 26.5      | 42.29     | 1.27      | 0.28      | 110.5     |
| 1301262    | 10/07/2012  | NAD 83 - 7 | 7184763  | 512670  | 629       | DAW12000133 | 69        | 6.5       | 1.6       | 521.9     | 37.2      | 35.78     | 7         | 159       | 2.19      | 56.5      | 273.53    | 0.58      | 0.39      | 791.4     |
| 1301263    | 10/07/2012  | NAD 83 - 7 | 7184857  | 512613  | 645       | DAW12000133 | 53        | 13        | 0.7       | 226.4     | 16.9      | 17.43     | 14        | 58        | 5.31      | 4.8       | 39.04     | 0.88      | 0.62      | 37.8      |
| 1301264    | 10/07/2012  | NAD 83 - 7 | 7184930  | 512545  | 646       | DAW12000133 | 32        | 10.4      | 1.9       | 206.7     | 22        | 20        | 13        | 88        | 3.17      | 10.9      | 18.28     | 0.83      | 0.32      | 37.8      |
| 1301265    | 10/07/2012  | NAD 83 - 7 | 7185009  | 512474  | 659       | DAW12000133 | 202       | 10.2      | 2.2       | 538.1     | 27.6      | 27.14     | 35        | 133       | 2.94      | 29.2      | 13.94     | 1.22      | 0.23      | 80.5      |
| 1301266    | 10/07/2012  | NAD 83 - 7 | 7185064  | 512389  | 679       | DAW12000133 | 317       | 7.5       | 1.5       | 319.9     | 22.6      | 16.54     | 11        | 113       | 2.58      | 18.4      | 11.15     | 1.04      | 0.21      | 61.8      |
| 1301267    | 10/07/2012  | NAD 83 - 7 | 7185144  | 512324  | 706       | DAW12000133 | 459       | 10.1      | 0.8       | 271.8     | 25.8      | 25.07     | 24        | 140       | 2.95      | 25.7      | 12.48     | 1.27      | 0.23      | 76.3      |
| 1301268    | 10/07/2012  | NAD 83 - 7 | 7185207  | 512248  | 738       | DAW12000133 | 927       | 22.4      | 1.8       | 386.3     | 29.7      | 68.97     | 42        | 117       | 6.21      | 50.4      | 19.47     | 4.62      | 0.56      | 147.5     |
| 1301269    | 10/07/2012  | NAD 83 - 7 | 7185282  | 512181  | 780       | DAW12000133 | 304       | 17.4      | 0.7       | 450.6     | 26.3      | 41.94     | 29        | 96        | 5.11      | 34.2      | 18.58     | 1.99      | 0.48      | 73.1      |
| 1301270    | 10/07/2012  | NAD 83 - 7 | 7185380  | 512145  | 831       | DAW12000133 | 122       | 11.3      | 1         | 291.6     | 30.2      | 31.18     | 22        | 169       | 2.44      | 31.5      | 25.83     | 1.05      | 0.33      | 103.9     |
| 1301271    | 10/07/2012  | NAD 83 - 7 | 7185469  | 512099  | 895       | DAW12000133 | 194       | 11.2      | 0.9       | 572.3     | 39.1      | 39.05     | 49        | 812       | 2.45      | 50.9      | 36.78     | 1.28      | 0.33      | 215.6     |
| 1301272    | 10/07/2012  | NAD 83 - 7 | 7185566  | 512082  | 956       | DAW12000133 | 115       | 8.1       | 0.7       | 647.6     | 41.1      | 49.35     | 21        | 431       | 1.62      | 53.8      | 27.71     | 0.92      | 0.25      | 150       |
| 1301273    | 10/07/2012  | NAD 83 - 7 | 7185648  | 512134  | 987       | DAW12000133 | 182       | 17.1      | 1.8       | 322.6     | 50.4      | 94.62     | 46        | 329       | 2.76      | 79.8      | 101.43    | 2.28      | 0.78      | 350.2     |
| 1301274    | 10/07/2012  | NAD 83 - 7 | 7185744  | 512166  | 993       | DAW12000133 | 372       | 15.7      | 0.7       | 850.8     | 39.7      | 64.72     | 75        | 375       | 2.7       | 56.9      | 75.12     | 2.17      | 0.45      | 244.6     |
| 1301275    | 10/07/2012  | NAD 83 - 7 | 7185837  | 512208  | 1005      | DAW12000133 | 240       | 9.8       | 1         | 1218.8    | 42.9      | 50.09     | 54        | 456       | 1.97      | 61.9      | 44.09     | 0.99      | 0.43      | 235.7     |
| 1301276    | 10/07/2012  | NAD 83 - 7 | 7185913  | 512273  | 992       | DAW12000133 | 154       | 6.8       | 0.2       | 733.6     | 31        | 30.82     | 25        | 348       | 2.16      | 33        | 31.62     | 0.96      | 0.28      | 126.5     |
| 1301277    | 10/07/2012  | NAD 83 - 7 | 7186005  | 512331  | 982       | DAW12000133 | 181       | 10.8      | 0.5       | 627.3     | 40.2      | 48.77     | 24        | 306       | 2         | 57.6      | 39.18     | 1.18      | 0.34      | 147.1     |
| 1301278    | 10/07/2012  | NAD 83 - 7 | 7186092  | 512388  | 998       | DAW12000133 | 246       | 17.4      | 5.1       | 634.9     | 44.4      | 70.85     | 95        | 524       | 6.17      | 80.6      | 50.63     | 1.43      | 1.23      | 155.8     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301279    | 10/07/2012  | NAD 83 - 7 | 7186166  | 512457  | 1039      | DAW12000133 | 167       | 11.1      | 3         | 241.3     | 40.5      | 39.41     | 41        | 354       | 2.78      | 46.8      | 24.63     | 0.96      | 0.58      | 102.3     |
| 1301280    | 10/07/2012  | NAD 83 - 7 | 7186165  | 512563  | 1059      | DAW12000133 | 185       | 9.2       | 2.2       | 394.3     | 37.9      | 32.87     | 50        | 446       | 2.16      | 37.5      | 19.59     | 0.72      | 0.34      | 97.6      |
| 1301281    | 10/07/2012  | NAD 83 - 7 | 7186199  | 512637  | 1066      | DAW12000133 | 172       | 10        | 1.9       | 277.3     | 36.7      | 41.2      | 41        | 284       | 2.29      | 46        | 25.92     | 0.92      | 0.38      | 96.1      |
| 1301282    | 12/07/2012  | NAD 83 - 7 | 7187613  | 512847  | 845       | DAW12000161 | 398       | 23.6      | 19.7      | 196.7     | 39.4      | 31.06     | 106       | 143       | 6.09      | 20.5      | 34.19     | 1.56      | 0.37      | 62.8      |
| 1301283    | 12/07/2012  | NAD 83 - 7 | 7187652  | 512943  | 800       | DAW12000161 | 1262      | 7.6       | 1.5       | 273.3     | 23.4      | 24.39     | 154       | 211       | 10.11     | 52        | 32.96     | 1.91      | 0.95      | 302.2     |
| 1301284    | 12/07/2012  | NAD 83 - 7 | 7187685  | 513049  | 774       | DAW12000161 | 196       | 14.3      | 2.3       | 122.5     | 21.9      | 15.1      | 69        | 86        | 4.18      | 10.6      | 32.87     | 1.72      | 0.25      | 33.3      |
| 1301285    | 12/07/2012  | NAD 83 - 7 | 7187739  | 513147  | 775       | DAW12000161 | 212       | 4.3       | 2.3       | 130.4     | 19.1      | 20.48     | 127       | 56        | 1.02      | 12.9      | 15.38     | 0.82      | 0.21      | 51.9      |
| 1301286    | 12/07/2012  | NAD 83 - 7 | 7187816  | 513221  | 776       | DAW12000161 | 401       | 13.3      | 2.1       | 138       | 29.4      | 20.21     | 52        | 119       | 9.91      | 16        | 43.43     | 1.63      | 0.62      | 59.5      |
| 1301287    | 12/07/2012  | NAD 83 - 7 | 7187912  | 513260  | 780       | DAW12000161 | 151       | 12.4      | 4.8       | 160       | 40.6      | 27.93     | 97        | 186       | 3.16      | 30.3      | 17.95     | 1.09      | 0.26      | 75.8      |
| 1301288    | 12/07/2012  | NAD 83 - 7 | 7188017  | 513279  | 780       | DAW12000161 | 407       | 11.8      | 3         | 187.4     | 29.9      | 33.13     | 73        | 203       | 10.81     | 55.4      | 38.27     | 2.15      | 0.57      | 283.2     |
| 1301289    | 12/07/2012  | NAD 83 - 7 | 7188124  | 513292  | 780       | DAW12000161 | 355       | 20.5      | 0.3       | 138.4     | 25        | 25.94     | 59        | 71        | 24.55     | 94.9      | 32.31     | 5.12      | 0.87      | 441.2     |
| 1301290    | 12/07/2012  | NAD 83 - 7 | 7188232  | 513307  | 779       | DAW12000161 | 724       | 7.6       | 0.9       | 177.4     | 20.5      | 15.21     | 125       | 437       | 9.58      | 44.1      | 36.32     | 1.96      | 0.59      | 316.8     |
| 1301291    | 12/07/2012  | NAD 83 - 7 | 7188333  | 513324  | 762       | DAW12000161 | 1257      | 36.1      | 18.8      | 207.1     | 100.2     | 240.99    | 116       | 161       | 15.93     | 97.4      | 220.8     | 5.62      | 2.49      | 514.3     |
| 1301292    | 12/07/2012  | NAD 83 - 7 | 7188368  | 513425  | 719       | DAW12000161 | 771       | 36        | 0.4       | 236.6     | 42.5      | 53.1      | 36        | 249       | 40.39     | 139.4     | 141.21    | 10.98     | 1.3       | 1056.4    |
| 1301293    | 12/07/2012  | NAD 83 - 7 | 7188395  | 513522  | 685       | DAW12000161 | 2525      | 36.8      | 4.5       | 280.7     | 27.2      | 57.01     | 381       | 186       | 41.41     | 93.6      | 104.06    | 4.84      | 1.32      | 706       |
| 1301294    | 12/07/2012  | NAD 83 - 7 | 7188432  | 513615  | 661       | DAW12000161 | 369       | 17.8      | 0.4       | 354.4     | 35.7      | 21.81     | 24        | 361       | 48.3      | 92.3      | 243.31    | 14.52     | 2.66      | 1202.8    |
| 1301295    | 12/07/2012  | NAD 83 - 7 | 7188504  | 513700  | 631       | DAW12000161 | 573       | 19        | 1.7       | 300       | 19.3      | 22.12     | 46        | 28        | 84.84     | 15.6      | 969.69    | 2.88      | 4.04      | 177.2     |
| 1301296    | 12/07/2012  | NAD 83 - 7 | 7188592  | 513765  | 576       | DAW12000161 | 124       | 10.9      | 0.7       | 221.6     | 33.4      | 38.58     | 35        | 172       | 6.04      | 36.4      | 49.61     | 1.64      | 0.56      | 266.1     |
| 1301297    | 12/07/2012  | NAD 83 - 7 | 7188676  | 513807  | 546       | DAW12000161 | 544       | 9.5       | 5.1       | 695.8     | 32.9      | 56.41     | 225       | 487       | 9.94      | 71.1      | 268.57    | 1.83      | 0.84      | 627.3     |
| 1301298    | 13/07/2012  | NAD 83 - 7 | 7185903  | 518584  | 702       | DAW12000161 | 3359      | 37.8      | 5.5       | 189       | 54.7      | 29.32     | 237       | 103       | 7.37      | 19.3      | 13.21     | 2.37      | 0.52      | 85.2      |
| 1301299    | 13/07/2012  | NAD 83 - 7 | 7185841  | 518662  | 731       | DAW12000161 | 412       | 12.1      | 2.9       | 246.6     | 23.4      | 13.45     | 80        | 115       | 3.84      | 10.8      | 11.1      | 0.87      | 0.17      | 39.2      |
| 1301300    | 13/07/2012  | NAD 83 - 7 | 7185765  | 518727  | 748       | DAW12000161 | 1641      | 11.8      | 8.1       | 422.8     | 28.3      | 24.96     | 236       | 126       | 4.96      | 15.3      | 13.66     | 1.3       | 0.32      | 52.3      |
| 1301301    | 09/07/2012  | NAD 83 - 7 | 7186312  | 512940  | 1052      | DAW12000133 | 103       | 7.9       | 2.4       | 549.2     | 38.8      | 50.35     | 37        | 627       | 1.64      | 58.2      | 26.1      | 0.78      | 0.3       | 150.9     |
| 1301302    | 09/07/2012  | NAD 83 - 7 | 7186222  | 512992  | 998       | DAW12000133 | 98        | 8.3       | 0.8       | 489.9     | 38.8      | 38.87     | 33        | 481       | 1.58      | 52.1      | 21.17     | 0.81      | 0.31      | 115       |
| 1301303    | 09/07/2012  | NAD 83 - 7 | 7186129  | 513024  | 933       | DAW12000133 | 82        | 8.2       | 1.7       | 635.2     | 34.7      | 48.92     | 25        | 546       | 1.72      | 52.1      | 30.63     | 0.95      | 0.22      | 173.8     |
| 1301304    | 09/07/2012  | NAD 83 - 7 | 7186033  | 513046  | 877       | DAW12000133 | 87        | 5.3       | 1.6       | 1112.9    | 30.6      | 26.08     | 14        | 440       | 1.05      | 37.1      | 12.49     | 0.52      | 0.15      | 129.3     |
| 1301305    | 09/07/2012  | NAD 83 - 7 | 7185955  | 513104  | 835       | DAW12000133 | 99        | 7.6       | 1.1       | 651.6     | 34.6      | 31.09     | 18        | 277       | 1.71      | 38        | 13.26     | 0.67      | 0.2       | 109.1     |
| 1301306    | 09/07/2012  | NAD 83 - 7 | 7185867  | 513153  | 790       | DAW12000133 | 332       | 15.2      | 0.7       | 652.3     | 28.4      | 32.73     | 27        | 117       | 4.06      | 36.9      | 15.77     | 1.84      | 0.34      | 110.8     |
| 1301307    | 09/07/2012  | NAD 83 - 7 | 7185770  | 513180  | 761       | DAW12000133 | 385       | 14        | 0.5       | 405.9     | 22.1      | 48.32     | 20        | 111       | 5.62      | 28.5      | 13.97     | 1.72      | 0.31      | 123.2     |
| 1301308    | 09/07/2012  | NAD 83 - 7 | 7185673  | 513201  | 737       | DAW12000133 | 126       | 16        | 1.1       | 259.4     | 25.7      | 30.98     | 37        | 63        | 5.95      | 21.1      | 14.02     | 1.76      | 0.66      | 82.8      |
| 1301309    | 09/07/2012  | NAD 83 - 7 | 7185580  | 513229  | 717       | DAW12000133 | 508       | 11.6      | 0.7       | 320.3     | 26        | 27.24     | 14        | 147       | 3.82      | 25.4      | 13.21     | 2.34      | 0.31      | 155.7     |
| 1301310    | 09/07/2012  | NAD 83 - 7 | 7185481  | 513264  | 690       | DAW12000133 | 255       | 9.7       | 2.7       | 317.9     | 28.1      | 31.27     | 62        | 144       | 3.15      | 39        | 18.67     | 1.14      | 0.37      | 102.1     |
| 1301311    | 10/07/2012  | NAD 83 - 7 | 7184244  | 513678  | 631       | DAW12000133 | 131       | 7.5       | 3.7       | 161.2     | 22.8      | 20.21     | 25        | 112       | 2.21      | 17.9      | 11.37     | 0.65      | 0.18      | 49.7      |
| 1301312    | 10/07/2012  | NAD 83 - 7 | 7184194  | 513763  | 672       | DAW12000133 | 119       | 10.3      | 0.9       | 280.2     | 37.8      | 24.1      | 21        | 216       | 2.94      | 33.1      | 15.06     | 0.91      | 0.27      | 91        |
| 1301313    | 10/07/2012  | NAD 83 - 7 | 7184155  | 513855  | 715       | DAW12000133 | 166       | 11.4      | 3         | 199.2     | 35        | 22.47     | 44        | 243       | 3.39      | 24.8      | 18.64     | 0.83      | 0.27      | 73.1      |
| 1301314    | 10/07/2012  | NAD 83 - 7 | 7184099  | 513938  | 753       | DAW12000133 | 89        | 9.4       | 4.6       | 322.3     | 35.6      | 27.9      | 27        | 234       | 1.51      | 34.5      | 15.84     | 0.58      | 0.22      | 84.8      |
| 1301315    | 10/07/2012  | NAD 83 - 7 | 7184039  | 514018  | 785       | DAW12000133 | 249       | 12.3      | 6.2       | 355.7     | 42        | 40.35     | 64        | 381       | 2.3       | 42.9      | 25.23     | 0.84      | 0.29      | 99.6      |
| 1301316    | 10/07/2012  | NAD 83 - 7 | 7183982  | 514102  | 822       | DAW12000133 | 91        | 9.7       | 3.4       | 237.5     | 33.3      | 30.38     | 30        | 334       | 2.4       | 33.1      | 62.2      | 0.72      | 0.23      | 112.1     |
| 1301317    | 10/07/2012  | NAD 83 - 7 | 7183932  | 514183  | 846       | DAW12000133 | 105       | 12.2      | 3         | 487.5     | 37        | 30.27     | 33        | 231       | 2.78      | 35.3      | 20.02     | 0.91      | 0.2       | 80.9      |
| 1301318    | 10/07/2012  | NAD 83 - 7 | 7183898  | 514283  | 850       | DAW12000133 | 115       | 11.8      | 4.5       | 354.5     | 42.1      | 34.64     | 50        | 302       | 3.25      | 35.5      | 18.59     | 0.97      | 0.35      | 70.9      |
| 1301319    | 10/07/2012  | NAD 83 - 7 | 7183835  | 514360  | 859       | DAW12000133 | 112       | 15.5      | 2.4       | 226.6     | 42.3      | 40.22     | 39        | 359       | 3.3       | 53.4      | 19.61     | 1.09      | 0.3       | 133.7     |
| 1301320    | 10/07/2012  | NAD 83 - 7 | 7183756  | 514434  | 883       | DAW12000133 | 72        | 15.4      | 0.7       | 248.9     | 30.8      | 35.44     | 26        | 79        | 4.67      | 25.8      | 66        | 1.06      | 0.27      | 59.7      |
| 1301321    | 10/07/2012  | NAD 83 - 7 | 7183380  | 513549  | 890       | DAW12000133 | 107       | 9.2       | 1.4       | 233.1     | 33.1      | 27.62     | 23        | 326       | 2         | 32.2      | 12.97     | 0.78      | 0.17      | 83.5      |
| 1301322    | 10/07/2012  | NAD 83 - 7 | 7183469  | 513492  | 869       | DAW12000133 | 98        | 9         | 1.4       | 146.1     | 24.4      | 23.57     | 62        | 56        | 3.01      | 13.8      | 12.14     | 0.72      | 0.24      | 42.9      |
| 1301323    | 10/07/2012  | NAD 83 - 7 | 7183533  | 513578  | 858       | DAW12000133 | 73        | 11.5      | 3.8       | 175.6     | 36.1      | 29.1      | 51        | 207       | 2.89      | 39.1      | 14.33     | 0.93      | 0.23      | 95        |
| 1301324    | 10/07/2012  | NAD 83 - 7 | 7183633  | 513583  | 825       | DAW12000133 | 199       | 11.1      | 8.3       | 457.2     | 42.4      | 47.79     | 41        | 435       | 2.44      | 69.9      | 13.43     | 0.89      | 0.29      | 148.8     |
| 1301325    | 10/07/2012  | NAD 83 - 7 | 7183734  | 513576  | 824       | DAW12000133 | 80        | 7.9       | 2.8       | 244       | 30.8      | 29.62     | 16        | 155       | 1.96      | 33.2      | 11.88     | 0.97      | 0.17      | 102.2     |
| 1301326    | 10/07/2012  | NAD 83 - 7 | 7183834  | 513575  | 809       | DAW12000133 | 89        | 13        | 3.5       | 272.6     | 40.7      | 21.3      | 36        | 320       | 3.28      | 32.1      | 14.97     | 0.83      | 0.25      | 79        |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301327    | 10/07/2012  | NAD 83 - 7 | 7183932  | 513554  | 771       | DAW12000133 | 62        | 12.3      | 3.6       | 269.6     | 40.5      | 33.32     | 25        | 285       | 2.91      | 42.3      | 16.58     | 0.93      | 0.24      | 96.9      |
| 1301328    | 10/07/2012  | NAD 83 - 7 | 7184028  | 513534  | 735       | DAW12000133 | 51        | 11        | 3.3       | 186.4     | 35.4      | 22.41     | 29        | 400       | 2.73      | 29.5      | 16.74     | 0.68      | 0.25      | 105.1     |
| 1301329    | 10/07/2012  | NAD 83 - 7 | 7184099  | 513462  | 689       | DAW12000133 | 160       | 4.6       | 1.3       | 185.1     | 15.2      | 15.58     | 37        | 48        | 1.29      | 9.4       | 10.27     | 0.27      | 0.21      | 31.4      |
| 1301330    | 10/07/2012  | NAD 83 - 7 | 7184153  | 513378  | 645       | DAW12000133 | 677       | 5.1       | 2.4       | 567.4     | 32.3      | 34.89     | 130       | 265       | 1.44      | 35.1      | 315.12    | 0.45      | 0.33      | 198.9     |
| 1301331    | 10/07/2012  | NAD 83 - 7 | 7184249  | 513299  | 627       | DAW12000133 | 40        | 9.5       | 1.3       | 102.6     | 23.3      | 15.79     | 18        | 122       | 2.98      | 11.8      | 20.57     | 0.81      | 0.24      | 68.4      |
| 1301332    | 10/07/2012  | NAD 83 - 7 | 7184335  | 513256  | 608       | DAW12000133 | 118       | 12.7      | 5         | 169.3     | 45.5      | 26.73     | 48        | 426       | 3.43      | 43.1      | 56.67     | 1.1       | 0.4       | 247.3     |
| 1301333    | 10/07/2012  | NAD 83 - 7 | 7184413  | 513201  | 589       | DAW12000133 | 61        | 11.1      | 5.1       | 279.4     | 29.6      | 20.03     | 13        | 174       | 3.78      | 26        | 40.52     | 1.01      | 0.32      | 179       |
| 1301334    | 10/07/2012  | NAD 83 - 7 | 7184491  | 513142  | 571       | DAW12000133 | 86        | 10.7      | 5         | 375.6     | 33.7      | 49.66     | 53        | 271       | 3.25      | 82        | 44.46     | 0.9       | 0.4       | 347.7     |
| 1301335    | 13/07/2012  | NAD 83 - 7 | 7184934  | 517685  | 836       | DAW12000161 | 3109      | 19.8      | 15        | 221.3     | 55.9      | 55.76     | 194       | 153       | 7.56      | 18.6      | 18.57     | 2.04      | 0.63      | 67        |
| 1301336    | 13/07/2012  | NAD 83 - 7 | 7184847  | 517708  | 885       | DAW12000161 | 2462      | 10        | 8.2       | 885.1     | 28.5      | 37.13     | 98        | 150       | 5.16      | 17.7      | 18.47     | 1.13      | 0.28      | 60.7      |
| 1301337    | 13/07/2012  | NAD 83 - 7 | 7184748  | 517761  | 932       | DAW12000161 | 1935      | 17.6      | 27.1      | 155       | 37.8      | 69.54     | 209       | 79        | 7.78      | 14.8      | 24.66     | 1.91      | 0.36      | 50.8      |
| 1301338    | 13/07/2012  | NAD 83 - 7 | 7184657  | 517799  | 963       | DAW12000161 | 1566      | 11.3      | 9.4       | 387.1     | 31.2      | 25.53     | 81        | 79        | 4.21      | 13.7      | 21.66     | 1.37      | 0.26      | 48.7      |
| 1301339    | 13/07/2012  | NAD 83 - 7 | 7184566  | 517842  | 968       | DAW12000161 | 7592      | 42.6      | 3.2       | 208.2     | 66.7      | 91.47     | 160       | 42        | 60.31     | 31.7      | 24.9      | 9.8       | 2.6       | 108.5     |
| 1301340    | 13/07/2012  | NAD 83 - 7 | 7184508  | 517922  | 955       | DAW12000161 | 203       | 12.3      | 1.9       | 953.5     | 9.6       | 59.88     | 82        | 100       | 11.32     | 18.5      | 7.95      | 1.27      | 1.9       | 38.5      |
| 1301341    | 13/07/2012  | NAD 83 - 7 | 7184415  | 517966  | 963       | DAW12000161 | 3569      | 2.9       | 4         | 1333.1    | 9.8       | 26.8      | 72        | 6         | 3.62      | 15.5      | 15.96     | 7.59      | 0.33      | 58.2      |
| 1301342    | 13/07/2012  | NAD 83 - 7 | 7184324  | 518005  | 973       | DAW12000161 | 1245      | 45.5      | 4.1       | 270.7     | 15        | 31.98     | 102       | 26        | 37.25     | 13.3      | 20.84     | 14.98     | 5.95      | 27.8      |
| 1301343    | 13/07/2012  | NAD 83 - 7 | 7184226  | 518018  | 997       | DAW12000161 | 659       | 10.2      | 2.1       | 530.8     | 31.3      | 26.96     | 104       | 116       | 4.19      | 58.1      | 14.72     | 2.52      | 0.27      | 148.9     |
| 1301344    | 13/07/2012  | NAD 83 - 7 | 7184126  | 518033  | 1030      | DAW12000161 | 1050      | 11.8      | 3.5       | 452.9     | 50.6      | 50.54     | 127       | 937       | 3.74      | 205.9     | 25.95     | 2.61      | 0.55      | 316.8     |
| 1301345    | 13/07/2012  | NAD 83 - 7 | 7184022  | 518063  | 1090      | DAW12000161 | 202       | 8.9       | 2.2       | 383.1     | 30.3      | 29.51     | 74        | 219       | 2.56      | 45.4      | 12.66     | 0.94      | 0.27      | 101.4     |
| 1301346    | 13/07/2012  | NAD 83 - 7 | 7183882  | 518123  | 1156      | DAW12000161 | 125       | 9.6       | 3.4       | 470.9     | 34.5      | 39.71     | 51        | 377       | 2         | 39.4      | 19.04     | 0.94      | 0.17      | 90.5      |
| 1301347    | 13/07/2012  | NAD 83 - 7 | 7183786  | 518132  | 1166      | DAW12000161 | 126       | 9.1       | 2.4       | 265.8     | 31.2      | 27.82     | 46        | 309       | 1.98      | 34.5      | 15.16     | 0.88      | 0.15      | 75.1      |
| 1301348    | 13/07/2012  | NAD 83 - 7 | 7183947  | 518523  | 1202      | DAW12000161 | 53        | 11        | 3.2       | 143.2     | 28.4      | 22        | 40        | 200       | 2.6       | 22.9      | 15.8      | 0.99      | 0.2       | 68.7      |
| 1301349    | 13/07/2012  | NAD 83 - 7 | 7183908  | 518433  | 1203      | DAW12000161 | 332       | 17.1      | 4.3       | 530       | 41        | 84.14     | 217       | 211       | 2.72      | 96.5      | 21.4      | 2.21      | 0.79      | 180.4     |
| 1301350    | 13/07/2012  | NAD 83 - 7 | 7183868  | 518340  | 1196      | DAW12000161 | 212       | 8.8       | 0.9       | 298.8     | 28.5      | 32.63     | 58        | 187       | 2.38      | 26.1      | 15.4      | 0.99      | 0.17      | 57.2      |
| 1301351    | 10/07/2012  | NAD 83 - 7 | 7185350  | 512852  | 699       | DAW12000133 | 396       | 11.7      | 1.5       | 188.3     | 21.7      | 19.63     | 21        | 84        | 3.49      | 19.7      | 8.75      | 1.23      | 0.25      | 69.7      |
| 1301352    | 10/07/2012  | NAD 83 - 7 | 7185468  | 512838  | 721       | DAW12000133 | 413       | 11.1      | 2.1       | 220       | 24.9      | 23.12     | 18        | 93        | 3.26      | 28.3      | 10.78     | 2.05      | 0.21      | 93        |
| 1301353    | 10/07/2012  | NAD 83 - 7 | 7185574  | 512815  | 762       | DAW12000133 | 148       | 11.9      | 1.7       | 265       | 22.6      | 23.23     | 31        | 71        | 4.46      | 17.3      | 13.93     | 0.83      | 0.39      | 44.1      |
| 1301354    | 10/07/2012  | NAD 83 - 7 | 7185678  | 512784  | 805       | DAW12000133 | 228       | 4.3       | 1.5       | 555.9     | 20.7      | 17.27     | 35        | 402       | 1.51      | 34.9      | 11.92     | 0.41      | 0.25      | 205.4     |
| 1301355    | 10/07/2012  | NAD 83 - 7 | 7185791  | 512751  | 862       | DAW12000133 | 99        | 7.1       | 1.4       | 813.3     | 31        | 29.82     | 27        | 362       | 1.8       | 36        | 11.86     | 0.66      | 0.22      | 133.9     |
| 1301356    | 10/07/2012  | NAD 83 - 7 | 7185892  | 512707  | 906       | DAW12000133 | 452       | 4.9       | 0.6       | 764.2     | 31.3      | 23.06     | 20        | 452       | 1.42      | 29.1      | 13.31     | 0.43      | 0.2       | 138       |
| 1301357    | 10/07/2012  | NAD 83 - 7 | 7185994  | 512660  | 972       | DAW12000133 | 173       | 7.5       | 0.9       | 1107.8    | 36.5      | 38.33     | 42        | 1023      | 2.08      | 49.6      | 42.08     | 0.83      | 0.33      | 257.7     |
| 1301358    | 10/07/2012  | NAD 83 - 7 | 7186098  | 512619  | 1037      | DAW12000133 | 109       | 7.4       | 0.9       | 1019.3    | 37.9      | 32.6      | 25        | 437       | 1.92      | 41.6      | 18.36     | 0.63      | 0.27      | 121.2     |
| 1301359    | 10/07/2012  | NAD 83 - 7 | 7186353  | 512904  | 1089      | DAW12000133 | 252       | 11.9      | 2.1       | 399.7     | 42.5      | 50.04     | 83        | 226       | 1.95      | 57.5      | 33.77     | 1.16      | 0.95      | 87.9      |
| 1301360    | 10/07/2012  | NAD 83 - 7 | 7186346  | 512798  | 1084      | DAW12000133 | 225       | 6.6       | 1.5       | 599.8     | 36.6      | 27.86     | 20        | 288       | 1.83      | 31.2      | 16.84     | 0.59      | 0.38      | 104       |
| 1301361    | 10/07/2012  | NAD 83 - 7 | 7186248  | 512700  | 1072      | DAW12000133 | 102       | 12.4      | 2.1       | 315       | 49        | 77.81     | 65        | 255       | 2.56      | 76.3      | 29.68     | 1.32      | 0.5       | 134.3     |
| 1301363    | 13/07/2012  | NAD 83 - 7 | 7187353  | 519452  | 709       | DAW12000161 | 709       | 9.7       | 3.6       | 1648.8    | 32.5      | 21.46     | 102       | 95        | 2.73      | 23.7      | 12.41     | 0.95      | 0.2       | 67.6      |
| 1301364    | 13/07/2012  | NAD 83 - 7 | 7187404  | 519381  | 700       | DAW12000161 | 1384      | 26.4      | 2.4       | 217.1     | 49.6      | 18.95     | 108       | 77        | 13.71     | 16.6      | 11.79     | 1.82      | 0.4       | 41.5      |
| 1301365    | 13/07/2012  | NAD 83 - 7 | 7187247  | 519464  | 715       | DAW12000161 | 914       | 16.7      | 4.8       | 821.4     | 50.7      | 39.02     | 80        | 284       | 5.69      | 37.3      | 15.99     | 1.48      | 0.34      | 71.3      |
| 1301366    | 13/07/2012  | NAD 83 - 7 | 7187154  | 519531  | 724       | DAW12000161 | 4398      | 92.8      | 15.4      | 795.1     | 81.5      | 37.37     | 642       | 35        | 34.93     | 10.4      | 18.91     | 4.47      | 0.55      | 24.8      |
| 1301367    | 13/07/2012  | NAD 83 - 7 | 7187038  | 519533  | 736       | DAW12000161 | 3903      | 47.2      | 3.9       | 558.8     | 51.5      | 21.01     | 148       | 36        | 22.03     | 7.5       | 28.13     | 2.54      | 0.96      | 20.3      |
| 1301368    | 13/07/2012  | NAD 83 - 7 | 7186922  | 519510  | 747       | DAW12000161 | 2915      | 24.5      | 8.2       | 602.7     | 56.4      | 44.92     | 133       | 158       | 11.21     | 41.6      | 17.02     | 2.55      | 0.38      | 339.9     |
| 1301369    | 13/07/2012  | NAD 83 - 7 | 7186809  | 519477  | 758       | DAW12000161 | 4039      | 11.1      | 2.2       | 350.5     | 25.1      | 22.74     | 31        | 72        | 4.3       | 10.9      | 25.75     | 0.93      | 0.34      | 28.4      |
| 1301370    | 13/07/2012  | NAD 83 - 7 | 7186715  | 519423  | 777       | DAW12000161 | 2558      | 18.2      | 20.8      | 709.8     | 30.6      | 57.9      | 106       | 54        | 3.77      | 16.1      | 21.25     | 1.53      | 0.22      | 60.2      |
| 1301371    | 13/07/2012  | NAD 83 - 7 | 7186599  | 519400  | 779       | DAW12000161 | 5135      | 12.5      | 36.6      | 214.8     | 43.7      | 118.75    | 272       | 103       | 3.15      | 58.7      | 39.49     | 2.55      | 0.39      | 234.8     |
| 1301372    | 13/07/2012  | NAD 83 - 7 | 7186486  | 519334  | 800       | DAW12000161 | 4143      | 30.6      | 20.7      | 221.7     | 27.2      | 49.97     | 367       | 33        | 4.11      | 13.5      | 18.04     | 2.11      | 0.28      | 50.8      |
| 1301373    | 13/07/2012  | NAD 83 - 7 | 7186380  | 519290  | 798       | DAW12000161 | 1721      | 14.1      | 12        | 768.1     | 34.8      | 105.2     | 100       | 104       | 4.76      | 42.3      | 28.83     | 3.53      | 0.46      | 236.9     |
| 1301374    | 13/07/2012  | NAD 83 - 7 | 7186279  | 519245  | 800       | DAW12000161 | 1509      | 15.8      | 35.7      | 1546.4    | 18        | 25.09     | 106       | 16        | 1.78      | 9.7       | 38.32     | 2.68      | 0.15      | 26.4      |
| 1301375    | 13/07/2012  | NAD 83 - 7 | 7186168  | 519205  | 813       | DAW12000161 | 218       | 15.5      | 2.3       | 372.6     | 39.9      | 13.57     | 46        | 235       | 3.15      | 19.7      | 20.31     | 1.26      | 0.21      | 54        |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301376    | 13/07/2012  | NAD 83 - 7 | 7186055  | 519158  | 826       | DAW12000161 | 872       | 16        | 4.9       | 271.4     | 38.3      | 23.91     | 108       | 163       | 3.45      | 30.9      | 14.18     | 1.43      | 0.24      | 66.6      |
| 1301377    | 13/07/2012  | NAD 83 - 7 | 7185952  | 519124  | 841       | DAW12000161 | 711       | 3.2       | 2         | 144.4     | 13.5      | 4.94      | 26        | 19        | 1.82      | 3.2       | 7.34      | 0.48      | 0.18      | 9.7       |
| 1301378    | 13/07/2012  | NAD 83 - 7 | 7185849  | 519082  | 836       | DAW12000161 | 1318      | 19.4      | 4.4       | 318       | 21.7      | 36.63     | 138       | 9         | 5.94      | 4.4       | 7.51      | 0.46      | 0.38      | 2.1       |
| 1301379    | 13/07/2012  | NAD 83 - 7 | 7185737  | 519052  | 843       | DAW12000161 | 899       | 10.5      | 2.1       | 300.1     | 28.7      | 15.35     | 56        | 86        | 4.28      | 15        | 20.52     | 1.17      | 0.22      | 33.5      |
| 1301380    | 13/07/2012  | NAD 83 - 7 | 7185637  | 519006  | 833       | DAW12000161 | 437       | 12.2      | 4.1       | 352.3     | 31.5      | 18.25     | 41        | 281       | 3.97      | 28        | 11.96     | 1.26      | 0.21      | 86.3      |
| 1301381    | 13/07/2012  | NAD 83 - 7 | 7185547  | 518978  | 835       | DAW12000161 | 1806      | 16.7      | 5.3       | 564.3     | 40.9      | 29.51     | 100       | 194       | 5.79      | 28.5      | 14.36     | 1.68      | 0.29      | 75.5      |
| 1301382    | 13/07/2012  | NAD 83 - 7 | 7185443  | 518968  | 851       | DAW12000161 | 961       | 19.3      | 2.8       | 280       | 36.5      | 25.99     | 108       | 315       | 5.93      | 21.8      | 15.2      | 1.62      | 0.3       | 78.9      |
| 1301383    | 13/07/2012  | NAD 83 - 7 | 7185332  | 518991  | 887       | DAW12000161 | 4231      | 10.9      | 13.7      | 211.7     | 37.1      | 38.09     | 338       | 81        | 4.46      | 20.6      | 33.64     | 1.51      | 0.46      | 63.6      |
| 1301384    | 13/07/2012  | NAD 83 - 7 | 7185221  | 519009  | 942       | DAW12000161 | 4060      | 13.7      | 8.1       | 281.3     | 31.6      | 27.51     | 176       | 63        | 4.5       | 13.7      | 19.39     | 1.14      | 0.44      | 44.9      |
| 1301385    | 13/07/2012  | NAD 83 - 7 | 7185110  | 519015  | 976       | DAW12000161 | 583       | 14.3      | 3.6       | 292.9     | 31        | 20.34     | 80        | 220       | 3.87      | 21        | 14.66     | 1.19      | 0.23      | 77.3      |
| 1301386    | 13/07/2012  | NAD 83 - 7 | 7184997  | 519019  | 1002      | DAW12000161 | 358       | 15        | 13.8      | 443       | 20.2      | 31.16     | 53        | 36        | 2.91      | 8.1       | 18.66     | 1.32      | 0.21      | 37.9      |
| 1301387    | 13/07/2012  | NAD 83 - 7 | 7184889  | 519080  | 1000      | DAW12000161 | 5986      | 26.2      | 2.4       | 662.3     | 27.3      | 16.45     | 116       | 47        | 25.93     | 12        | 28.98     | 13.41     | 0.89      | 45.4      |
| 1301388    | 13/07/2012  | NAD 83 - 7 | 7184796  | 519109  | 992       | DAW12000161 | 390       | 33.7      | 3.4       | 166.2     | 7.8       | 30.83     | 73        | 86        | 39.07     | 33.3      | 41.51     | 2.8       | 4.28      | 94.8      |
| 1301389    | 14/07/2012  | NAD 83 - 7 | 7184671  | 519140  | 976       | DAW12000161 | 2481      | 61.8      | 5.7       | 84.6      | 14.7      | 45.62     | 44        | 24        | 32.79     | 19.1      | 28.17     | 32.25     | 3.2       | 70.1      |
| 1301390    | 14/07/2012  | NAD 83 - 7 | 7187320  | 517232  | 793       | DAW12000161 | 51976     | 39.8      | 13.4      | 122.7     | 410.8     | 380.05    | 1154      | 10        | 29.44     | 77.6      | 9.86      | 2.27      | 1.21      | 178.2     |
| 1301391    | 14/07/2012  | NAD 83 - 7 | 7187422  | 517203  | 794       | DAW12000161 | 25923     | 64        | 5.6       | 362.8     | 195.9     | 148.87    | 505       | 23        | 17.45     | 168.6     | 7.24      | 6.75      | 1.19      | 1325.9    |
| 1301392    | 14/07/2012  | NAD 83 - 7 | 7187526  | 517218  | 784       | DAW12000161 | 13812     | 80.7      | 6.7       | 2514.5    | 175.2     | 206.89    | 891       | 33        | 52.9      | 124.4     | 9.31      | 13.89     | 5.29      | 560.5     |
| 1301393    | 14/07/2012  | NAD 83 - 7 | 7187633  | 517244  | 797       | DAW12000161 | 43141     | 39.4      | 9.4       | 10000     | 364.4     | 142.43    | 865       | 76        | 21.72     | 420.4     | 9.21      | 3         | 1.01      | 3381.8    |
| 1301394    | 14/07/2012  | NAD 83 - 7 | 7187741  | 517268  | 803       | DAW12000161 | 2824      | 8.1       | 3.8       | 1258      | 56.8      | 132.43    | 332       | 4         | 8.98      | 18.7      | 7.65      | 0.82      | 0.12      | 28.8      |
| 1301395    | 14/07/2012  | NAD 83 - 7 | 7187852  | 517328  | 802       | DAW12000161 | 2390      | 9.7       | 3.6       | 1116.7    | 36.4      | 41.64     | 321       | 4         | 5.46      | 10.8      | 7.23      | 0.8       | 0.15      | 13.2      |
| 1301396    | 14/07/2012  | NAD 83 - 7 | 7187949  | 517362  | 811       | DAW12000161 | 2169      | 12.3      | 2.8       | 634.7     | 40.7      | 38.01     | 151       | 11        | 6.94      | 10.5      | 7.41      | 0.88      | 0.23      | 14.7      |
| 1301397    | 14/07/2012  | NAD 83 - 7 | 7188020  | 517283  | 844       | DAW12000161 | 1655      | 5.3       | 4         | 407.5     | 11.2      | 11.33     | 324       | 2         | 3.52      | 2.2       | 10.42     | 0.98      | 0.22      | 2.3       |
| 1301398    | 14/07/2012  | NAD 83 - 7 | 7188053  | 517219  | 877       | DAW12000161 | 4704      | 20.3      | 4.6       | 367.2     | 69.6      | 30.35     | 100       | 137       | 6.04      | 31.2      | 14.54     | 1.44      | 0.36      | 70.7      |
| 1301399    | 14/07/2012  | NAD 83 - 7 | 7188152  | 517174  | 839       | DAW12000161 | 1154      | 6.3       | 5.6       | 478.2     | 22        | 12.35     | 89        | 41        | 3.61      | 8.6       | 27.55     | 0.78      | 0.24      | 20.3      |
| 1301400    | 14/07/2012  | NAD 83 - 7 | 7188241  | 517113  | 809       | DAW12000161 | 2866      | 10.6      | 1.8       | 697.3     | 35.2      | 57.98     | 101       | 35        | 19.54     | 22.2      | 26.79     | 8.88      | 0.7       | 68.3      |
| 1301401    | 13/07/2012  | NAD 83 - 7 | 7185724  | 518822  | 774       | DAW12000161 | 986       | 4.8       | 2.7       | 228.8     | 17.1      | 15.59     | 223       | 35        | 1.59      | 5.8       | 7.28      | 0.28      | 0.13      | 15.6      |
| 1301402    | 13/07/2012  | NAD 83 - 7 | 7185679  | 518913  | 798       | DAW12000161 | 1261      | 10        | 3.8       | 325.7     | 24.1      | 41.5      | 178       | 31        | 6.12      | 7         | 8.91      | 1.09      | 0.24      | 19.6      |
| 1301403    | 13/07/2012  | NAD 83 - 7 | 7185507  | 518582  | 748       | DAW12000161 | 494       | 12        | 2.8       | 530.1     | 26.6      | 16.37     | 78        | 107       | 5.3       | 17        | 13.73     | 1.43      | 0.41      | 57.9      |
| 1301404    | 13/07/2012  | NAD 83 - 7 | 7185408  | 518562  | 770       | DAW12000161 | 883       | 13.5      | 6.6       | 1825.3    | 33.6      | 24.25     | 118       | 200       | 6.51      | 29.8      | 13.97     | 1.95      | 0.57      | 98.8      |
| 1301405    | 13/07/2012  | NAD 83 - 7 | 7185309  | 518537  | 788       | DAW12000161 | 3487      | 24.3      | 10        | 478       | 55.7      | 27.49     | 442       | 120       | 11.9      | 21.3      | 20.98     | 2.78      | 0.75      | 67.3      |
| 1301406    | 13/07/2012  | NAD 83 - 7 | 7185214  | 518490  | 820       | DAW12000161 | 585       | 15.3      | 5.4       | 296.1     | 34.5      | 15.28     | 82        | 170       | 4.59      | 19.6      | 13.15     | 1.12      | 0.26      | 54.6      |
| 1301407    | 13/07/2012  | NAD 83 - 7 | 7185115  | 518474  | 847       | DAW12000161 | 2763      | 71.3      | 14.2      | 335.9     | 68.9      | 20.24     | 1063      | 23        | 30.84     | 4.7       | 29.1      | 3.27      | 0.73      | 10.5      |
| 1301408    | 13/07/2012  | NAD 83 - 7 | 7185010  | 518488  | 868       | DAW12000161 | 1453      | 1.4       | 3.3       | 538       | 12.9      | 17.69     | 279       | 5         | 3.62      | 4.3       | 9.5       | 0.47      | 0.13      | 3.6       |
| 1301409    | 13/07/2012  | NAD 83 - 7 | 7184911  | 518476  | 909       | DAW12000161 | 1470      | 14.5      | 8.4       | 450.2     | 32.2      | 30.84     | 133       | 163       | 3.84      | 25.4      | 21.47     | 1.31      | 0.3       | 73.3      |
| 1301410    | 13/07/2012  | NAD 83 - 7 | 7184811  | 518471  | 932       | DAW12000161 | 1625      | 9.8       | 10.1      | 307.9     | 25.4      | 38.32     | 129       | 49        | 8.31      | 17.9      | 23.27     | 1.42      | 0.43      | 58        |
| 1301411    | 13/07/2012  | NAD 83 - 7 | 7184716  | 518469  | 947       | DAW12000161 | 2529      | 12.1      | 2.5       | 1270.9    | 39.6      | 58.64     | 170       | 50        | 19.86     | 33        | 17.2      | 4.31      | 1.19      | 109.4     |
| 1301412    | 13/07/2012  | NAD 83 - 7 | 7184610  | 518464  | 959       | DAW12000161 | 450       | 14.9      | 3.3       | 700.2     | 15.6      | 22.99     | 104       | 30        | 16.49     | 9.9       | 12.15     | 3.31      | 1.68      | 18.7      |
| 1301413    | 13/07/2012  | NAD 83 - 7 | 7184523  | 518516  | 971       | DAW12000161 | 331       | 19.7      | 2.9       | 406.1     | 22.6      | 36.75     | 126       | 48        | 9.18      | 22.9      | 16.29     | 1.78      | 1.04      | 64        |
| 1301414    | 13/07/2012  | NAD 83 - 7 | 7184433  | 518555  | 987       | DAW12000161 | 1270      | 62.8      | 2.5       | 86.3      | 16.8      | 41.85     | 134       | 73        | 22.63     | 43.8      | 16.83     | 5.07      | 4.63      | 134.2     |
| 1301415    | 13/07/2012  | NAD 83 - 7 | 7184337  | 518596  | 1010      | DAW12000161 | 426       | 14.2      | 3         | 501.7     | 30.3      | 42.32     | 172       | 198       | 5.78      | 42.2      | 19.76     | 1.48      | 0.58      | 85.3      |
| 1301416    | 13/07/2012  | NAD 83 - 7 | 7184242  | 518629  | 1047      | DAW12000161 | 584       | 17.5      | 3.9       | 537.5     | 31.1      | 48.22     | 248       | 799       | 5.29      | 43.3      | 21.9      | 1.28      | 0.73      | 92.8      |
| 1301417    | 13/07/2012  | NAD 83 - 7 | 7184135  | 518690  | 1134      | DAW12000161 | 499       | 9.8       | 2.2       | 845.4     | 36        | 56.76     | 134       | 691       | 2.19      | 59.5      | 29.65     | 1.18      | 0.33      | 103.5     |
| 1301418    | 13/07/2012  | NAD 83 - 7 | 7184170  | 518858  | 1126      | DAW12000161 | 197       | 8.8       | 0.9       | 420.8     | 32.9      | 33.74     | 47        | 293       | 2.45      | 35.5      | 14.42     | 0.77      | 0.22      | 81.7      |
| 1301419    | 13/07/2012  | NAD 83 - 7 | 7184135  | 518765  | 1147      | DAW12000161 | 151       | 8.8       | 1.1       | 175.2     | 30.9      | 28.32     | 36        | 237       | 1.86      | 35.8      | 14.64     | 0.92      | 0.2       | 70.5      |
| 1301420    | 13/07/2012  | NAD 83 - 7 | 7184062  | 518679  | 1172      | DAW12000161 | 156       | 8.8       | 1.8       | 450.3     | 31.1      | 27.46     | 53        | 384       | 2.29      | 29.2      | 16.22     | 0.76      | 0.22      | 74.5      |
| 1301421    | 13/07/2012  | NAD 83 - 7 | 7184002  | 518584  | 1198      | DAW12000161 | 232       | 10.3      | 1.4       | 262.4     | 33.7      | 25.02     | 45        | 322       | 2.15      | 33        | 14.61     | 0.85      | 0.22      | 76.3      |
| 1301422    | 13/07/2012  | NAD 83 - 7 | 7183588  | 517583  | 1154      | DAW12000161 | 121       | 8.7       | 2.8       | 304.7     | 49.8      | 75.45     | 50        | 381       | 1.68      | 66        | 28.35     | 0.66      | 0.29      | 123.9     |
| 1301423    | 14/07/2012  | NAD 83 - 7 | 7187559  | 515330  | 1049      | DAW12000161 | 167       | 21        | 1.7       | 412.3     | 36.3      | 28.13     | 43        | 219       | 5.67      | 19.6      | 36.56     | 1.36      | 1.3       | 85.2      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301424    | 14/07/2012  | NAD 83 - 7 | 7187522  | 515240  | 1064      | DAW12000161 | 147    | 11.7   | 3.3    | 299.9  | 30.5   | 38.21  | 104    | 192    | 4.33   | 23.1   | 15.95  | 1.41   | 0.86   | 79.5   |
| 1301425    | 14/07/2012  | NAD 83 - 7 | 7187460  | 515175  | 1066      | DAW12000161 | 127    | 10.9   | 2.1    | 678    | 33.6   | 24.52  | 28     | 220    | 2.53   | 33.8   | 14.95  | 0.87   | 0.34   | 82.6   |
| 1301426    | 14/07/2012  | NAD 83 - 7 | 7187613  | 515413  | 1048      | DAW12000161 | 156    | 12.6   | 1.6    | 369.1  | 41.2   | 19.91  | 25     | 213    | 2.89   | 41.6   | 13.9   | 0.99   | 0.32   | 79.5   |
| 1301427    | 14/07/2012  | NAD 83 - 7 | 7187702  | 515467  | 1037      | DAW12000161 | 153    | 12     | 2.4    | 342.5  | 37.8   | 19.94  | 18     | 235    | 2.91   | 39.3   | 12.7   | 0.94   | 0.38   | 80.3   |
| 1301428    | 15/07/2012  | NAD 83 - 7 | 7186125  | 515924  | 745       | DAW12000161 | 2524   | 23.3   | 8.6    | 460.2  | 36.6   | 27.71  | 187    | 120    | 12.55  | 21.1   | 21.08  | 1.92   | 0.57   | 78.6   |
| 1301429    | 15/07/2012  | NAD 83 - 7 | 7186050  | 515990  | 791       | DAW12000161 | 2356   | 51.9   | 5.4    | 174.1  | 84     | 46.88  | 157    | 61     | 21.63  | 10.9   | 16.66  | 2.37   | 0.5    | 62.7   |
| 1301430    | 15/07/2012  | NAD 83 - 7 | 7185988  | 516069  | 808       | DAW12000161 | 574    | 15     | 3.5    | 164.9  | 36.3   | 17.82  | 81     | 171    | 6.21   | 18     | 11.93  | 1.24   | 0.21   | 96.3   |
| 1301431    | 15/07/2012  | NAD 83 - 7 | 7185907  | 516129  | 811       | DAW12000161 | 4238   | 28     | 4.5    | 298.5  | 84.3   | 58.37  | 263    | 110    | 15.46  | 52.2   | 10.22  | 2.28   | 0.32   | 216.6  |
| 1301432    | 14/07/2012  | NAD 83 - 7 | 7187794  | 515507  | 1039      | DAW12000161 | 135    | 12.8   | 2.6    | 236.2  | 34.4   | 22     | 38     | 167    | 3.34   | 36.9   | 13.67  | 1.17   | 0.39   | 80.7   |
| 1301433    | 14/07/2012  | NAD 83 - 7 | 7187889  | 515553  | 1024      | DAW12000161 | 205    | 11.2   | 2.6    | 458.2  | 36.7   | 28.49  | 26     | 269    | 2.89   | 46.3   | 10.53  | 1.09   | 0.25   | 87.1   |
| 1301434    | 14/07/2012  | NAD 83 - 7 | 7187986  | 515573  | 1014      | DAW12000161 | 187    | 12     | 2.6    | 221.3  | 34     | 23.4   | 32     | 157    | 4.47   | 41.9   | 18.63  | 1.17   | 0.4    | 80.4   |
| 1301435    | 14/07/2012  | NAD 83 - 7 | 7188084  | 515583  | 1010      | DAW12000161 | 77     | 11.6   | 2.2    | 176.3  | 34.1   | 19.32  | 42     | 244    | 2.98   | 45.4   | 12.83  | 1.09   | 0.31   | 99.3   |
| 1301436    | 14/07/2012  | NAD 83 - 7 | 7188210  | 515590  | 973       | DAW12000161 | 193    | 10.1   | 2.7    | 198.3  | 19.6   | 54.34  | 85     | 82     | 3.68   | 78.2   | 59.59  | 1.55   | 0.81   | 328.8  |
| 1301437    | 14/07/2012  | NAD 83 - 7 | 7188301  | 515539  | 948       | DAW12000161 | 33     | 9.6    | 1.5    | 85     | 22.6   | 20.28  | 52     | 100    | 3.55   | 40.9   | 22.56  | 1.18   | 0.34   | 156.8  |
| 1301438    | 14/07/2012  | NAD 83 - 7 | 7188381  | 515482  | 919       | DAW12000161 | 137    | 12.2   | 2.5    | 257    | 43.6   | 24.01  | 47     | 204    | 3.32   | 46.1   | 36.46  | 0.92   | 0.3    | 95.4   |
| 1301439    | 14/07/2012  | NAD 83 - 7 | 7188451  | 515409  | 874       | DAW12000161 | 354    | 10.3   | 4.1    | 447.6  | 27.3   | 28.05  | 52     | 344    | 2.39   | 51     | 463.66 | 1.13   | 0.36   | 193.8  |
| 1301440    | 14/07/2012  | NAD 83 - 7 | 7188469  | 515303  | 815       | DAW12000161 | 434    | 8.2    | 2.8    | 264.9  | 28.4   | 25.02  | 37     | 136    | 2.2    | 46.5   | 264.08 | 0.83   | 0.23   | 125.8  |
| 1301441    | 14/07/2012  | NAD 83 - 7 | 7188185  | 514942  | 692       | DAW12000161 | 317    | 14     | 2.9    | 356.4  | 28.8   | 47.29  | 283    | 254    | 4.27   | 28.7   | 127.91 | 1.74   | 0.73   | 200.1  |
| 1301442    | 14/07/2012  | NAD 83 - 7 | 7188084  | 514951  | 749       | DAW12000161 | 331    | 7.3    | 2.5    | 373.4  | 38.2   | 47.04  | 107    | 643    | 1.94   | 58.2   | 42.62  | 0.98   | 0.47   | 242.1  |
| 1301443    | 14/07/2012  | NAD 83 - 7 | 7187984  | 514960  | 811       | DAW12000161 | 134    | 6.8    | 1.3    | 496    | 42.2   | 40.3   | 48     | 354    | 1.82   | 61.4   | 31.05  | 0.8    | 0.43   | 198.6  |
| 1301444    | 14/07/2012  | NAD 83 - 7 | 7187884  | 514983  | 877       | DAW12000161 | 92     | 9.4    | 1.2    | 279.1  | 30.6   | 26.64  | 41     | 279    | 2.36   | 29.2   | 16.89  | 0.81   | 0.31   | 95     |
| 1301445    | 15/07/2012  | NAD 83 - 7 | 7187796  | 515033  | 931       | DAW12000161 | 111    | 6.4    | 1.3    | 1161.3 | 38.3   | 40.03  | 46     | 197    | 1.64   | 48.7   | 15.13  | 0.76   | 0.29   | 72.3   |
| 1301446    | 15/07/2012  | NAD 83 - 7 | 7187702  | 515070  | 967       | DAW12000161 | 142    | 6.9    | 1.5    | 978.8  | 42.2   | 55.96  | 41     | 198    | 1.94   | 63.3   | 16.22  | 0.7    | 0.29   | 100    |
| 1301447    | 15/07/2012  | NAD 83 - 7 | 7187609  | 515111  | 1008      | DAW12000161 | 229    | 5.5    | 2      | 314.2  | 33.7   | 41.13  | 85     | 289    | 1.4    | 33.9   | 15.61  | 0.51   | 0.3    | 73.6   |
| 1301448    | 15/07/2012  | NAD 83 - 7 | 7185821  | 516181  | 819       | DAW12000161 | 1391   | 21.4   | 6.5    | 424.4  | 55     | 31.94  | 225    | 166    | 7.25   | 23.5   | 7.75   | 1.23   | 0.3    | 77     |
| 1301449    | 15/07/2012  | NAD 83 - 7 | 7185755  | 516263  | 834       | DAW12000161 | 253    | 13.1   | 2.5    | 182.5  | 22.8   | 11.41  | 18     | 120    | 6.35   | 12.9   | 10.62  | 1.28   | 0.23   | 50.7   |
| 1301450    | 15/07/2012  | NAD 83 - 7 | 7185695  | 516347  | 840       | DAW12000161 | 3944   | 65.1   | 5.4    | 131    | 295.7  | 63.47  | 148    | 12     | 29.29  | 4.4    | 14.06  | 1.49   | 1.29   | 7.9    |
| 1301451    | 13/07/2012  | NAD 83 - 7 | 7183386  | 517208  | 1213      | DAW12000161 | 101    | 11.4   | 2.3    | 194.6  | 36.5   | 44.51  | 79     | 369    | 2.58   | 53.5   | 22.02  | 1.15   | 0.35   | 99.8   |
| 1301452    | 13/07/2012  | NAD 83 - 7 | 7183385  | 517307  | 1231      | DAW12000161 | 209    | 32.4   | 2.9    | 258.2  | 32.4   | 50.3   | 892    | 328    | 11.89  | 48.6   | 31.09  | 2.56   | 0.7    | 93.9   |
| 1301453    | 13/07/2012  | NAD 83 - 7 | 7183430  | 517397  | 1226      | DAW12000161 | 93     | 9      | 1.8    | 155.8  | 33.1   | 34.62  | 53     | 325    | 1.68   | 51.6   | 14.72  | 1.22   | 0.26   | 91.3   |
| 1301454    | 14/07/2012  | NAD 83 - 7 | 7187744  | 516604  | 670       | DAW12000161 | 297    | 28.8   | 4.3    | 299.2  | 19.6   | 20.52  | 45     | 207    | 26.33  | 19.7   | 12.79  | 4.07   | 2.05   | 78.1   |
| 1301455    | 14/07/2012  | NAD 83 - 7 | 7187706  | 516512  | 718       | DAW12000161 | 326    | 21     | 4.3    | 427.7  | 52.4   | 32.55  | 67     | 197    | 8.6    | 45.9   | 8.9    | 2.1    | 0.75   | 112.4  |
| 1301456    | 14/07/2012  | NAD 83 - 7 | 7187707  | 516411  | 762       | DAW12000161 | 708    | 25.1   | 1.9    | 343.3  | 38.2   | 24.36  | 47     | 121    | 19.07  | 24     | 11.65  | 3.36   | 1.79   | 99.5   |
| 1301457    | 14/07/2012  | NAD 83 - 7 | 7187740  | 516316  | 790       | DAW12000161 | 1123   | 22     | 3.6    | 670.4  | 51     | 50.61  | 95     | 231    | 19.86  | 55.5   | 10.15  | 6.25   | 1.02   | 187.2  |
| 1301458    | 14/07/2012  | NAD 83 - 7 | 7187746  | 516213  | 818       | DAW12000161 | 211    | 16.2   | 1.2    | 198.7  | 38.4   | 17.31  | 20     | 125    | 7.98   | 28.5   | 9.85   | 1.68   | 0.47   | 84     |
| 1301459    | 14/07/2012  | NAD 83 - 7 | 7187660  | 516163  | 822       | DAW12000161 | 640    | 22.4   | 5.4    | 795.8  | 48.9   | 41.28  | 81     | 313    | 8.86   | 71.7   | 9.43   | 2.73   | 1.11   | 153.3  |
| 1301460    | 14/07/2012  | NAD 83 - 7 | 7187837  | 516253  | 822       | DAW12000161 | 115    | 18.1   | 3.6    | 146    | 25.6   | 12.35  | 19     | 106    | 7.68   | 9.9    | 11.4   | 2.48   | 0.44   | 30.8   |
| 1301461    | 14/07/2012  | NAD 83 - 7 | 7187905  | 516323  | 811       | DAW12000161 | 518    | 16.4   | 3.2    | 427.1  | 40.6   | 16.37  | 37     | 126    | 11.05  | 16.3   | 13.41  | 2.27   | 0.5    | 48.1   |
| 1301462    | 14/07/2012  | NAD 83 - 7 | 7188007  | 516416  | 768       | DAW12000161 | 409    | 16     | 2.5    | 109.5  | 5.8    | 69.33  | 212    | 36     | 33.16  | 17.9   | 13.87  | 2.03   | 4.69   | 28.4   |
| 1301463    | 14/07/2012  | NAD 83 - 7 | 7188105  | 516438  | 726       | DAW12000161 | 670    | 114.5  | 10.8   | 80.9   | 19.8   | 26.45  | 87     | 43     | 66.7   | 12.1   | 20.5   | 6.94   | 12.07  | 38.6   |
| 1301464    | 14/07/2012  | NAD 83 - 7 | 7188193  | 516488  | 680       | DAW12000161 | 1169   | 50.1   | 5      | 135.2  | 44.3   | 255.7  | 215    | 424    | 23.42  | 480.8  | 7.25   | 6.15   | 1.41   | 1225   |
| 1301465    | 14/07/2012  | NAD 83 - 7 | 7188414  | 516289  | 665       | DAW12000161 | 608    | 16.6   | 6.5    | 542.2  | 24.8   | 41.84  | 110    | 74     | 8.23   | 24.8   | 12.69  | 1.61   | 1      | 94.7   |
| 1301466    | 14/07/2012  | NAD 83 - 7 | 7188370  | 516199  | 694       | DAW12000161 | 789    | 16.8   | 5.1    | 522.7  | 14.9   | 57.5   | 265    | 27     | 9.27   | 18.4   | 12.8   | 1.5    | 0.89   | 46.8   |
| 1301467    | 14/07/2012  | NAD 83 - 7 | 7188336  | 516104  | 715       | DAW12000161 | 877    | 17     | 5.3    | 450.4  | 16.5   | 42.24  | 362    | 38     | 8.49   | 17.3   | 19.58  | 1.37   | 1.09   | 40     |
| 1301468    | 14/07/2012  | NAD 83 - 7 | 7188303  | 516009  | 751       | DAW12000161 | 397    | 18.4   | 1.7    | 357.1  | 14.6   | 51.64  | 209    | 93     | 10.29  | 71     | 30.52  | 0.91   | 1.36   | 118.6  |
| 1301469    | 14/07/2012  | NAD 83 - 7 | 7188262  | 515918  | 798       | DAW12000161 | 222    | 10.1   | 2.7    | 425.9  | 29.8   | 27.56  | 37     | 188    | 2.87   | 58     | 17.48  | 0.89   | 0.38   | 129.8  |
| 1301470    | 14/07/2012  | NAD 83 - 7 | 7188210  | 515831  | 854       | DAW12000161 | 398    | 6      | 2.6    | 691    | 22.5   | 22.25  | 52     | 227    | 2.12   | 29.6   | 17.75  | 0.55   | 0.45   | 78.1   |
| 1301471    | 14/07/2012  | NAD 83 - 7 | 7187495  | 515439  | 1010      | DAW12000161 | 201    | 8.4    | 1.8    | 375.1  | 30.1   | 24.59  | 16     | 340    | 2.64   | 43.6   | 15.17  | 0.68   | 0.29   | 90.3   |



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301472    | 14/07/2012  | NAD 83 - 7 | 7187508  | 515537  | 971       | DAW12000161 | 261    | 12.3   | 3.1    | 304.5  | 35.3   | 22.74  | 39     | 298    | 2.95   | 41.3   | 14.61  | 0.77   | 0.36   | 80.8   |
| 1301473    | 14/07/2012  | NAD 83 - 7 | 7187544  | 515631  | 935       | DAW12000161 | 457    | 11.4   | 2.1    | 369.9  | 27.9   | 28.72  | 44     | 110    | 3.74   | 42.5   | 13.45  | 1.26   | 0.49   | 93     |
| 1301474    | 14/07/2012  | NAD 83 - 7 | 7187557  | 515731  | 912       | DAW12000161 | 625    | 8.8    | 3.6    | 631.6  | 27.4   | 32.72  | 127    | 163    | 3.17   | 48.9   | 12.5   | 0.98   | 0.44   | 91.2   |
| 1301475    | 14/07/2012  | NAD 83 - 7 | 7187554  | 515831  | 891       | DAW12000161 | 388    | 16     | 1.5    | 723.3  | 17.1   | 30.73  | 53     | 88     | 7.06   | 26.7   | 13.64  | 1.4    | 0.74   | 72.1   |
| 1301476    | 14/07/2012  | NAD 83 - 7 | 7187545  | 515933  | 876       | DAW12000161 | 202    | 14.6   | 3.4    | 898.6  | 20.9   | 25.82  | 64     | 107    | 6.2    | 27     | 10.26  | 1.45   | 0.66   | 69.6   |
| 1301477    | 14/07/2012  | NAD 83 - 7 | 7187558  | 516031  | 862       | DAW12000161 | 573    | 9.5    | 3      | 759.3  | 27     | 32.31  | 82     | 204    | 4      | 36.8   | 10.75  | 0.93   | 0.41   | 83.2   |
| 1301478    | 14/07/2012  | NAD 83 - 7 | 7187619  | 516093  | 841       | DAW12000161 | 911    | 15.4   | 5      | 1066.4 | 29.1   | 41.04  | 156    | 185    | 5.61   | 53.6   | 16.18  | 1.17   | 0.77   | 112.6  |
| 1301479    | 15/07/2012  | NAD 83 - 7 | 7186074  | 515841  | 752       | DAW12000161 | 869    | 13.5   | 5.5    | 946.2  | 27.2   | 34.97  | 91     | 197    | 3.7    | 29.3   | 11.48  | 1.61   | 0.4    | 83     |
| 1301480    | 15/07/2012  | NAD 83 - 7 | 7185976  | 515859  | 793       | DAW12000161 | 4475   | 15.8   | 26     | 56.3   | 45.7   | 175.86 | 672    | 279    | 2.69   | 71.1   | 23.92  | 1.66   | 0.38   | 187.6  |
| 1301481    | 15/07/2012  | NAD 83 - 7 | 7185877  | 515871  | 825       | DAW12000161 | 763    | 38.9   | 6      | 321.2  | 59     | 58.4   | 98     | 227    | 5.86   | 32.5   | 11.86  | 1      | 0.33   | 100.1  |
| 1301482    | 15/07/2012  | NAD 83 - 7 | 7185779  | 515891  | 849       | DAW12000161 | 823    | 12.5   | 1.6    | 182.9  | 26     | 13.09  | 54     | 142    | 3.3    | 14     | 12.17  | 0.72   | 0.24   | 55.4   |
| 1301483    | 15/07/2012  | NAD 83 - 7 | 7185694  | 515943  | 858       | DAW12000161 | 622    | 17.4   | 3      | 333.2  | 40.6   | 30.61  | 59     | 345    | 3.96   | 39.3   | 13.01  | 1.09   | 0.33   | 98.4   |
| 1301484    | 15/07/2012  | NAD 83 - 7 | 7185615  | 516009  | 864       | DAW12000161 | 696    | 16.4   | 3.6    | 370.2  | 40.9   | 27.15  | 85     | 285    | 3.54   | 40.2   | 12.22  | 1      | 0.3    | 110.1  |
| 1301485    | 15/07/2012  | NAD 83 - 7 | 7185548  | 516081  | 876       | DAW12000161 | 457    | 16.2   | 3.1    | 591.4  | 43.6   | 33.59  | 37     | 365    | 3.88   | 42     | 12.16  | 1.07   | 0.31   | 102.7  |
| 1301486    | 13/07/2012  | NAD 83 - 7 | 7183851  | 518241  | 1193      | DAW12000161 | 78     | 8.1    | 1.2    | 384.4  | 36.4   | 50.88  | 29     | 194    | 1.15   | 57.4   | 13.61  | 0.53   | 0.11   | 88.9   |
| 1301487    | 13/07/2012  | NAD 83 - 7 | 7183797  | 518033  | 1159      | DAW12000161 | 91     | 10.3   | 3.3    | 223.1  | 30.4   | 21.43  | 57     | 244    | 2.14   | 24.9   | 12.1   | 0.61   | 0.21   | 62.8   |
| 1301488    | 13/07/2012  | NAD 83 - 7 | 7183757  | 517941  | 1139      | DAW12000161 | 116    | 11.6   | 2.2    | 166.5  | 34.4   | 26.77  | 54     | 382    | 2.11   | 35.7   | 14.54  | 0.72   | 0.2    | 78.1   |
| 1301489    | 13/07/2012  | NAD 83 - 7 | 7183720  | 517849  | 1135      | DAW12000161 | 87     | 9.7    | 2.8    | 135.6  | 31.7   | 32.3   | 49     | 327    | 1.84   | 37.8   | 14.53  | 0.78   | 0.16   | 79.7   |
| 1301490    | 13/07/2012  | NAD 83 - 7 | 7183691  | 517754  | 1160      | DAW12000161 | 84     | 9.8    | 2.2    | 168.5  | 30.3   | 21.12  | 59     | 255    | 2.15   | 23.7   | 13.58  | 0.65   | 0.17   | 57.7   |
| 1301491    | 13/07/2012  | NAD 83 - 7 | 7183644  | 517667  | 1149      | DAW12000161 | 185    | 11     | 3.8    | 156.6  | 34.4   | 25.81  | 62     | 303    | 2.11   | 31.8   | 14.97  | 0.69   | 0.19   | 83.2   |
| 1301492    | 13/07/2012  | NAD 83 - 7 | 7183530  | 517502  | 1189      | DAW12000161 | 137    | 9.3    | 2.9    | 278.4  | 33.5   | 39.85  | 84     | 321    | 1.81   | 41.9   | 18.94  | 0.68   | 0.19   | 77.7   |
| 1301493    | 14/07/2012  | NAD 83 - 7 | 7188243  | 516518  | 657       | DAW12000161 | 412    | 25.9   | 1.8    | 300.6  | 22.6   | 129.21 | 128    | 309    | 7.62   | 249.8  | 20.83  | 1.47   | 1.08   | 539.2  |
| 1301494    | 14/07/2012  | NAD 83 - 7 | 7188222  | 516426  | 666       | DAW12000161 | 772    | 13.5   | 4      | 531.6  | 19.9   | 33.33  | 185    | 27     | 8.03   | 26.6   | 12.48  | 1.31   | 0.98   | 43.3   |
| 1301495    | 14/07/2012  | NAD 83 - 7 | 7188191  | 516283  | 694       | DAW12000161 | 511    | 13.5   | 2.1    | 207.5  | 22.9   | 37.7   | 156    | 56     | 5.84   | 43.4   | 15.48  | 1.12   | 0.54   | 78.7   |
| 1301496    | 14/07/2012  | NAD 83 - 7 | 7188161  | 516123  | 729       | DAW12000161 | 523    | 14.8   | 4.3    | 419.2  | 24.7   | 49.59  | 187    | 62     | 6.44   | 40.3   | 25.49  | 1.34   | 0.81   | 102.8  |
| 1301497    | 14/07/2012  | NAD 83 - 7 | 7188154  | 516032  | 757       | DAW12000162 | 530    | 14.8   | 5.6    | 498.8  | 26.7   | 46.82  | 80     | 110    | 6.21   | 45.9   | 42.2   | 1.64   | 1.03   | 131.6  |
| 1301498    | 14/07/2012  | NAD 83 - 7 | 7188132  | 515930  | 802       | DAW12000162 | 509    | 16.8   | 3.2    | 599.3  | 24.1   | 42.72  | 61     | 100    | 7.56   | 53.4   | 34.78  | 1.91   | 1.33   | 143.3  |
| 1301499    | 14/07/2012  | NAD 83 - 7 | 7188122  | 515826  | 867       | DAW12000162 | 262    | 12.7   | 1.9    | 320.5  | 36.3   | 26.63  | 37     | 259    | 4.08   | 55.1   | 27.14  | 1.14   | 0.51   | 163.4  |
| 1301500    | 14/07/2012  | NAD 83 - 7 | 7188093  | 515620  | 997       | DAW12000162 | 135    | 13.4   | 1.8    | 201.8  | 32     | 15.76  | 39     | 140    | 3.89   | 23.9   | 18.62  | 1.1    | 0.34   | 81.8   |
| 1301501    |             | NAD 83 - 7 | 7186407  | 531042  | 932       | DAW12000173 | 2299   | 25.7   | 7.3    | 176.1  | 46.5   | 92.1   | 220    | 449    | 53.79  | 129.6  | 14.02  | 8.13   | 0.82   | 634.5  |
| 1301502    |             | NAD 83 - 7 | 7186388  | 531129  | 934       | DAW12000173 | 13305  | 40.7   | 9.1    | 498.7  | 170.4  | 458.28 | 1375   | 137    | 93.3   | 199.4  | 17.94  | 16.79  | 1.56   | 1384.4 |
| 1301503    |             | NAD 83 - 7 | 7186359  | 531225  | 891       | DAW12000173 | 9100   | 97.3   | 13.7   | 574.3  | 113.1  | 267.87 | 1125   | 112    | 182.27 | 194.1  | 33.35  | 20.74  | 1.51   | 985.3  |
| 1301504    |             | NAD 83 - 7 | 7186118  | 531408  | 885       | DAW12000173 | 2989   | 18.1   | 1.8    | 393.7  | 21.7   | 34.83  | 401    | 178    | 17.52  | 85.7   | 11.08  | 5.25   | 0.64   | 495.1  |
| 1301505    |             | NAD 83 - 7 | 7186046  | 531482  | 911       | DAW12000173 | 1640   | 11.4   | 2.5    | 697.6  | 19     | 28.54  | 200    | 141    | 16.26  | 102.3  | 14.37  | 4.83   | 0.39   | 565.5  |
| 1301506    |             | NAD 83 - 7 | 7185953  | 531528  | 909       | DAW12000173 | 3613   | 16.5   | 2      | 738.6  | 18.9   | 99.01  | 506    | 227    | 42.49  | 323.9  | 13.64  | 13.81  | 0.9    | 1365.4 |
| 1301507    |             | NAD 83 - 7 | 7185856  | 531575  | 923       | DAW12000173 | 900    | 28.5   | 7.1    | 343    | 18     | 36.93  | 452    | 175    | 23.08  | 25.3   | 33.44  | 2.17   | 1.38   | 46.9   |
| 1301508    |             | NAD 83 - 7 | 7185794  | 531662  | 952       | DAW12000173 | 898    | 32.1   | 2.4    | 547.6  | 24.5   | 63.43  | 92     | 148    | 15.83  | 30.3   | 19.16  | 5.91   | 0.57   | 86.2   |
| 1301509    |             | NAD 83 - 7 | 7185706  | 531720  | 1009      | DAW12000173 | 544    | 21.7   | 4.1    | 270.1  | 24     | 35.1   | 230    | 211    | 11.55  | 35.5   | 34.09  | 1.87   | 0.73   | 94.7   |
| 1301510    |             | NAD 83 - 7 | 7185637  | 531768  | 1051      | DAW12000173 | 589    | 21.3   | 3.5    | 418    | 29.5   | 55.1   | 189    | 316    | 8.5    | 52     | 32.35  | 1.96   | 0.79   | 139.6  |
| 1301511    |             | NAD 83 - 7 | 7185604  | 531853  | 1088      | DAW12000173 | 118    | 15.6   | 2.7    | 194.3  | 25.6   | 21.46  | 41     | 175    | 5.08   | 18.3   | 19.04  | 1.07   | 0.34   | 59.7   |
| 1301512    |             | NAD 83 - 7 | 7185489  | 531946  | 1155      | DAW12000173 | 167    | 10.7   | 2.2    | 136.8  | 34     | 25.3   | 40     | 266    | 1.74   | 49.7   | 11.27  | 0.85   | 0.14   | 79     |
| 1301513    |             | NAD 83 - 7 | 7185484  | 531836  | 1134      | DAW12000173 | 104    | 11.2   | 2.2    | 118.1  | 32.1   | 24.96  | 37     | 220    | 1.86   | 33.3   | 12.48  | 0.83   | 0.18   | 63.7   |
| 1301514    |             | NAD 83 - 7 | 7185458  | 531740  | 1127      | DAW12000173 | 124    | 14.2   | 3.2    | 187.3  | 30     | 29.48  | 43     | 242    | 3.01   | 33.5   | 11.48  | 1.06   | 0.28   | 67.8   |
| 1301515    |             | NAD 83 - 7 | 7185449  | 531636  | 1116      | DAW12000173 | 154    | 15.6   | 1.6    | 98.3   | 22.6   | 17.93  | 33     | 115    | 4.14   | 12.7   | 13.23  | 1.1    | 0.31   | 45.4   |
| 1301516    |             | NAD 83 - 7 | 7185683  | 531555  | 1008      | DAW12000173 | 704    | 102.8  | 4.6    | 117.2  | 18.9   | 67.84  | 915    | 102    | 54.17  | 40.2   | 49.26  | 2.52   | 3.63   | 69.6   |
| 1301517    |             | NAD 83 - 7 | 7185600  | 531569  | 1043      | DAW12000173 | 299    | 24.4   | 2.4    | 549.3  | 25.2   | 38.79  | 56     | 309    | 6.57   | 33.6   | 26.23  | 2.01   | 0.63   | 101.2  |
| 1301518    |             | NAD 83 - 7 | 7185550  | 531584  | 1075      | DAW12000173 | 171    | 14     | 2.8    | 329.9  | 31.7   | 40.36  | 45     | 771    | 3.22   | 89.2   | 16.11  | 1.05   | 0.29   | 196.1  |
| 1301519    |             | NAD 83 - 7 | 7187996  | 530044  | 733       | DAW12000173 | 67     | 3.3    | 0.9    | 100.4  | 12.5   | 10.25  | 32     | 409    | 0.75   | 9      | 12.49  | 0.28   | 0.1    | 81.2   |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301520    |             | NAD 83 - 7 | 7187959  | 530123  | 775       | DAW12000173 | 288    | 9.8    | 1.9    | 116.7  | 21.6   | 17.83  | 51     | 330    | 1.89   | 25     | 39.57  | 0.77   | 0.14   | 88.2   |
| 1301521    |             | NAD 83 - 7 | 7187911  | 530215  | 816       | DAW12000173 | 213    | 11.5   | 5      | 182.5  | 26.7   | 18.48  | 60     | 610    | 2.97   | 27.7   | 20.35  | 0.68   | 0.17   | 93.9   |
| 1301522    |             | NAD 83 - 7 | 7187898  | 530313  | 852       | DAW12000173 | 181    | 14.8   | 1.6    | 146    | 9.4    | 9.41   | 42     | 115    | 17.6   | 24.5   | 15.54  | 1.16   | 0.37   | 127    |
| 1301523    |             | NAD 83 - 7 | 7187878  | 530423  | 903       | DAW12000173 | 146    | 4.6    | 1.6    | 286.5  | 13.4   | 12.49  | 62     | 462    | 2.07   | 13.7   | 35.32  | 0.52   | 0.11   | 107.7  |
| 1301524    |             | NAD 83 - 7 | 7187830  | 530550  | 969       | DAW12000173 | 548    | 21.8   | 1      | 2296.2 | 26.7   | 17.34  | 87     | 342    | 30.98  | 37.5   | 157.03 | 2.87   | 0.36   | 139.5  |
| 1301525    |             | NAD 83 - 7 | 7187831  | 530649  | 985       | DAW12000173 | 399    | 21.4   | 3.2    | 385.2  | 27.9   | 13.14  | 65     | 263    | 14.28  | 33.9   | 14.26  | 2.33   | 0.69   | 71.8   |
| 1301526    |             | NAD 83 - 7 | 7187850  | 530745  | 998       | DAW12000173 | 382    | 12.9   | 4.7    | 2168.9 | 25.3   | 14.78  | 83     | 325    | 5.67   | 24.8   | 14.58  | 1.14   | 0.23   | 91.6   |
| 1301527    |             | NAD 83 - 7 | 7187859  | 530843  | 1013      | DAW12000173 | 94     | 4.3    | 1      | 1014.6 | 14.2   | 9.66   | 39     | 400    | 1.84   | 10.9   | 9.37   | 0.4    | 0.09   | 57     |
| 1301528    |             | NAD 83 - 7 | 7187873  | 530942  | 1022      | DAW12000173 | 194    | 9.2    | 2.1    | 195.2  | 29     | 13.91  | 49     | 519    | 2.93   | 25.4   | 18.45  | 0.72   | 0.16   | 83.2   |
| 1301529    |             | NAD 83 - 7 | 7187882  | 531042  | 1036      | DAW12000173 | 187    | 8.7    | 2.3    | 187.7  | 27.9   | 11.48  | 54     | 525    | 3.88   | 18.8   | 46.9   | 0.67   | 0.18   | 128.3  |
| 1301530    |             | NAD 83 - 7 | 7187910  | 531157  | 1049      | DAW12000173 | 133    | 6.1    | 2.6    | 171.1  | 19     | 10.77  | 46     | 349    | 2.43   | 16.8   | 16.28  | 0.44   | 0.13   | 120.7  |
| 1301531    |             | NAD 83 - 7 | 7187646  | 531178  | 1059      | DAW12000173 | 1171   | 29.8   | 6.2    | 238.3  | 65     | 106.03 | 189    | 397    | 71.53  | 150.3  | 15.21  | 7.75   | 0.66   | 624.4  |
| 1301532    |             | NAD 83 - 7 | 7187639  | 531284  | 1073      | DAW12000173 | 2036   | 20.4   | 9.5    | 284    | 61.9   | 101.44 | 431    | 185    | 26.75  | 93.5   | 11.39  | 3.55   | 0.7    | 310.1  |
| 1301533    |             | NAD 83 - 7 | 7187569  | 530512  | 900       | DAW12000173 | 166    | 4.3    | 0.9    | 131.3  | 8.8    | 10.05  | 44     | 401    | 3.49   | 10.2   | 36.06  | 0.55   | 0.1    | 60.8   |
| 1301534    |             | NAD 83 - 7 | 7185135  | 530954  | 1122      | DAW12000173 | 129    | 15.6   | 1.5    | 261.2  | 18     | 43.19  | 21     | 78     | 5.17   | 34.2   | 22.75  | 4.01   | 0.2    | 118    |
| 1301535    |             | NAD 83 - 7 | 7185105  | 531064  | 1127      | DAW12000173 | 155    | 14.1   | 3.1    | 292.1  | 27.2   | 40.17  | 52     | 132    | 2.97   | 27.1   | 13.34  | 1.23   | 0.27   | 71.8   |
| 1301536    |             | NAD 83 - 7 | 7185090  | 531152  | 1130      | DAW12000173 | 124    | 8.9    | 1.4    | 207.3  | 20.2   | 29.54  | 38     | 181    | 2.27   | 29.3   | 7.79   | 0.86   | 0.15   | 67     |
| 1301537    |             | NAD 83 - 7 | 7185068  | 531250  | 1131      | DAW12000173 | 72     | 10.1   | 3.8    | 128.4  | 24.6   | 39.21  | 38     | 145    | 2.54   | 37.5   | 15.43  | 1.07   | 0.2    | 81.6   |
| 1301538    |             | NAD 83 - 7 | 7185055  | 531350  | 1132      | DAW12000173 | 150    | 10.8   | 2.9    | 198.2  | 19     | 31.28  | 43     | 114    | 2.79   | 17.6   | 10.65  | 1.01   | 0.2    | 47.8   |
| 1301539    |             | NAD 83 - 7 | 7184586  | 531657  | 1161      | DAW12000173 | 124    | 25.6   | 2.1    | 349.6  | 19.8   | 29.39  | 61     | 143    | 12.23  | 16.6   | 23.54  | 1.43   | 1.05   | 57.9   |
| 1301540    |             | NAD 83 - 7 | 7184670  | 531592  | 1147      | DAW12000173 | 282    | 18.6   | 2.8    | 303.4  | 17.9   | 37.87  | 104    | 105    | 8.6    | 21.5   | 18.04  | 1.36   | 0.72   | 56.3   |
| 1301541    |             | NAD 83 - 7 | 7184774  | 531533  | 1127      | DAW12000173 | 180    | 22     | 3.9    | 527.7  | 15.3   | 45.48  | 198    | 36     | 10.52  | 12.1   | 19.8   | 1.19   | 0.73   | 34.7   |
| 1301542    |             | NAD 83 - 7 | 7184891  | 531455  | 1119      | DAW12000173 | 268    | 20     | 1.9    | 251.2  | 16.7   | 46.11  | 116    | 117    | 6.37   | 13.5   | 13.32  | 1.34   | 0.49   | 42.9   |
| 1301543    |             | NAD 83 - 7 | 7184958  | 531396  | 1124      | DAW12000173 | 189    | 19.8   | 2.7    | 424.1  | 18.4   | 38.83  | 85     | 134    | 5.97   | 21.9   | 13.7   | 1.62   | 0.51   | 55.3   |
| 1301544    |             | NAD 83 - 7 | 7185344  | 532110  | 1119      | DAW12000173 | 93     | 10.2   | 2.6    | 154.9  | 27.7   | 24.49  | 33     | 225    | 1.87   | 29.7   | 13.76  | 0.69   | 0.16   | 77     |
| 1301545    |             | NAD 83 - 7 | 7185274  | 532026  | 1122      | DAW12000173 | 231    | 14.2   | 3.5    | 212.5  | 26.7   | 33.75  | 69     | 169    | 2.94   | 23.9   | 12.77  | 1.33   | 0.33   | 67.8   |
| 1301546    |             | NAD 83 - 7 | 7185458  | 531878  | 1141      | DAW12000173 | 244    | 11.2   | 2.7    | 143.4  | 30.5   | 29.14  | 46     | 378    | 1.98   | 40.2   | 12.11  | 0.9    | 0.16   | 83.6   |
| 1301547    |             | NAD 83 - 7 | 7185364  | 531870  | 1135      | DAW12000173 | 171    | 12.6   | 2.8    | 256    | 28     | 35.57  | 72     | 253    | 2.99   | 33.5   | 11.63  | 1.17   | 0.31   | 79.9   |
| 1301548    |             | NAD 83 - 7 | 7185234  | 531877  | 1130      | DAW12000173 | 381    | 20.3   | 2.6    | 318.4  | 18.8   | 33.05  | 99     | 81     | 6.37   | 15     | 11.35  | 2.42   | 0.38   | 50.7   |
| 1301549    |             | NAD 83 - 7 | 7185108  | 531805  | 1132      | DAW12000173 | 44     | 18.5   | 1.5    | 118.1  | 18.6   | 15.92  | 25     | 83     | 7.19   | 10.5   | 18.51  | 1.34   | 0.5    | 40.4   |
| 1301550    |             | NAD 83 - 7 | 7185056  | 531720  | 1122      | DAW12000173 | 136    | 21.3   | 1.5    | 210.9  | 16     | 25.96  | 23     | 31     | 10.84  | 8.1    | 21.96  | 1.37   | 0.56   | 33.5   |
| 1301551    |             | NAD 83 - 7 | 7185039  | 531624  | 1115      | DAW12000173 | 358    | 28.3   | 3.7    | 368.2  | 19.9   | 49.92  | 119    | 87     | 7.35   | 14.6   | 15.8   | 1.83   | 0.63   | 53.5   |
| 1301552    |             | NAD 83 - 7 | 7185043  | 531537  | 1122      | DAW12000173 | 338    | 52.1   | 2.9    | 169.4  | 17.8   | 89.92  | 275    | 43     | 24.36  | 15.7   | 23.3   | 3.38   | 1.37   | 110.1  |
| 1301553    |             | NAD 83 - 7 | 7185036  | 531459  | 1129      | DAW12000173 | 224    | 12.1   | 1.7    | 189.4  | 17.3   | 32.28  | 97     | 56     | 3.96   | 15.2   | 12.18  | 1.11   | 0.23   | 45     |
| 1301554    |             | NAD 83 - 7 | 7187411  | 529704  | 943       | DAW12000173 | 503    | 19.9   | 2.7    | 120.3  | 40     | 34.6   | 96     | 185    | 16.43  | 42.1   | 16.59  | 2.66   | 0.29   | 149.3  |
| 1301555    |             | NAD 83 - 7 | 7187473  | 529624  | 939       | DAW12000173 | 136    | 14     | 3.1    | 96.5   | 29     | 16.43  | 52     | 155    | 5.34   | 19.9   | 15.24  | 1.09   | 0.22   | 65.1   |
| 1301556    |             | NAD 83 - 7 | 7187573  | 529528  | 926       | DAW12000173 | 4305   | 43.2   | 11.7   | 198.5  | 75.7   | 234.85 | 557    | 104    | 100.4  | 182.4  | 17.4   | 14.32  | 1.14   | 764.1  |
| 1301557    |             | NAD 83 - 7 | 7187740  | 529625  | 867       | DAW12000173 | 4519   | 35.5   | 6.7    | 293.4  | 67.1   | 257.53 | 636    | 90     | 99.34  | 251.4  | 12.45  | 14.96  | 1.17   | 1437.7 |
| 1301558    |             | NAD 83 - 7 | 7187662  | 529567  | 902       | DAW12000173 | 364    | 8.9    | 2.5    | 739.6  | 16.5   | 33.58  | 227    | 260    | 3.6    | 42.5   | 8.99   | 0.88   | 0.21   | 190.4  |
| 1301559    |             | NAD 83 - 7 | 7187615  | 529436  | 908       | DAW12000173 | 1482   | 23.9   | 5.2    | 633.7  | 49.4   | 83.36  | 387    | 398    | 6.8    | 75     | 15.36  | 4.88   | 0.63   | 466.5  |
| 1301560    |             | NAD 83 - 7 | 7187669  | 529349  | 898       | DAW12000173 | 934    | 75.9   | 3.6    | 161.8  | 21.2   | 20.61  | 171    | 97     | 125.52 | 67     | 16.42  | 6.99   | 3.36   | 299.6  |
| 1301561    |             | NAD 83 - 7 | 7187703  | 529237  | 889       | DAW12000173 | 1915   | 71.1   | 12     | 2217.9 | 71.4   | 96.15  | 1088   | 123    | 174.1  | 372.9  | 39.52  | 28.88  | 2.2    | 1618.5 |
| 1301562    |             | NAD 83 - 7 | 7187731  | 529158  | 887       | DAW12000173 | 247    | 15     | 2      | 164    | 32.8   | 9.69   | 345    | 127    | 9.18   | 56.7   | 21.76  | 1.64   | 0.23   | 333.4  |
| 1301563    |             | NAD 83 - 7 | 7184275  | 529080  | 979       | DAW12000173 | 181    | 10.8   | 4.2    | 188.3  | 24.9   | 25.62  | 70     | 142    | 1.18   | 24.8   | 15.27  | 0.51   | 0.11   | 75.4   |
| 1301564    |             | NAD 83 - 7 | 7184382  | 529078  | 963       | DAW12000173 | 198    | 8.4    | 2.5    | 263.5  | 31.1   | 33.05  | 106    | 276    | 0.91   | 33.5   | 15     | 0.77   | 0.14   | 79.8   |
| 1301565    |             | NAD 83 - 7 | 7184451  | 529078  | 955       | DAW12000173 | 163    | 6.6    | 2.5    | 306.2  | 30.3   | 25.4   | 74     | 421    | 0.54   | 26.5   | 12.47  | 0.75   | 0.14   | 70.4   |
| 1301566    |             | NAD 83 - 7 | 7184554  | 529093  | 941       | DAW12000173 | 158    | 5.6    | 5.6    | 223.9  | 26.7   | 15.09  | 63     | 373    | 0.35   | 18.1   | 11.45  | 0.58   | 0.14   | 57.5   |
| 1301567    |             | NAD 83 - 7 | 7184652  | 529105  | 940       | DAW12000173 | 181    | 9.1    | 3.1    | 205.5  | 23.8   | 26.5   | 99     | 114    | 1.43   | 22.8   | 12.01  | 0.86   | 0.15   | 68.9   |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301568    |             | NAD 83 - 7 | 7184939  | 529010  | 927       | DAW12000173 | 120       | 8.7       | 6         | 224.9     | 29.8      | 23.84     | 34        | 363       | 1.61      | 38.3      | 14.47     | 0.69      | 0.12      | 85.6      |
| 1301569    |             | NAD 83 - 7 | 7184844  | 529041  | 942       | DAW12000173 | 170       | 5.9       | 3.7       | 229.6     | 27.2      | 26.12     | 39        | 163       | 1         | 29.9      | 10.34     | 0.63      | 0.1       | 69.6      |
| 1301570    |             | NAD 83 - 7 | 7184750  | 529081  | 944       | DAW12000173 | 25        | 7.1       | 1.9       | 106.1     | 23        | 23.12     | 17        | 203       | 1.57      | 28.9      | 12.39     | 0.54      | 0.1       | 56.4      |
| 1301571    |             | NAD 83 - 7 | 7184803  | 529161  | 947       | DAW12000173 | 150       | 6         | 2.8       | 267.4     | 28.3      | 25.51     | 43        | 142       | 0.86      | 27.7      | 9.41      | 0.59      | 0.09      | 67.1      |
| 1301572    |             | NAD 83 - 7 | 7184874  | 529272  | 925       | DAW12000173 | 70        | 9.8       | 2.1       | 170.3     | 28.7      | 34.34     | 38        | 540       | 1.88      | 68.4      | 14.45     | 0.85      | 0.18      | 140.2     |
| 1301573    |             | NAD 83 - 7 | 7184945  | 529368  | 893       | DAW12000173 | 218       | 6.2       | 7         | 300.3     | 31.4      | 39.88     | 53        | 220       | 0.87      | 35.1      | 13.31     | 0.95      | 0.14      | 91.6      |
| 1301574    |             | NAD 83 - 7 | 7185038  | 529276  | 914       | DAW12000173 | 418       | 11.9      | 3         | 423.8     | 41.6      | 36.83     | 61        | 306       | 2.88      | 42.8      | 25.51     | 0.76      | 0.3       | 105.6     |
| 1301575    |             | NAD 83 - 7 | 7185047  | 529185  | 943       | DAW12000173 | 70        | 10.1      | 1.6       | 151.8     | 30.7      | 21.59     | 26        | 563       | 2.01      | 29        | 14.69     | 0.67      | 0.14      | 90.3      |
| 1301576    |             | NAD 83 - 7 | 7185120  | 529123  | 949       | DAW12000173 | 56        | 9.2       | 2.2       | 125.9     | 31.5      | 16.57     | 62        | 207       | 1.39      | 19        | 14.36     | 0.62      | 0.17      | 54        |
| 1301577    |             | NAD 83 - 7 | 7185186  | 529075  | 951       | DAW12000173 | 271       | 7.3       | 2.3       | 278.8     | 31.6      | 27.74     | 54        | 298       | 1.56      | 31.3      | 13.27     | 0.75      | 0.13      | 74.8      |
| 1301578    |             | NAD 83 - 7 | 7185270  | 529014  | 953       | DAW12000173 | 198       | 9.7       | 1.5       | 297.6     | 27.2      | 22.29     | 88        | 236       | 0.85      | 24.8      | 11.67     | 0.71      | 0.14      | 65.8      |
| 1301581    | 25/07/2012  | NAD 83 - 7 | 7187723  | 525719  | 703       | DAW12000183 | 261       | 19.8      | 3.4       | 633.7     | 12.4      | 26.76     | 135       | 106       | 8.08      | 27.9      | 13.77     | 1.79      | 0.42      | 102.1     |
| 1301582    | 25/07/2012  | NAD 83 - 7 | 7187677  | 525809  | 715       | DAW12000183 | 255       | 23.6      | 2.6       | 444       | 13        | 23.6      | 143       | 135       | 11.91     | 30.5      | 17.75     | 1.31      | 0.85      | 127.3     |
| 1301583    | 25/07/2012  | NAD 83 - 7 | 7187641  | 525899  | 722       | DAW12000183 | 74        | 9.4       | 2         | 388.7     | 18.3      | 12.94     | 16        | 119       | 5.18      | 26.5      | 11.42     | 1.35      | 0.23      | 99.7      |
| 1301584    | 25/07/2012  | NAD 83 - 7 | 7187580  | 525974  | 722       | DAW12000183 | 868       | 10.8      | 2.8       | 1813.3    | 27.2      | 35.14     | 134       | 220       | 5.28      | 53.1      | 12.42     | 2.15      | 0.27      | 176.2     |
| 1301585    | 25/07/2012  | NAD 83 - 7 | 7187543  | 526064  | 737       | DAW12000183 | 407       | 10.9      | 2.4       | 626.2     | 21.7      | 20.58     | 39        | 184       | 7.77      | 44.2      | 15.93     | 2.73      | 0.32      | 199.4     |
| 1301586    | 25/07/2012  | NAD 83 - 7 | 7187510  | 526169  | 745       | DAW12000183 | 71        | 19.7      | 1.8       | 196.5     | 21.2      | 37.89     | 80        | 20        | 8.24      | 32.3      | 13.87     | 1.16      | 0.42      | 108       |
| 1301587    | 25/07/2012  | NAD 83 - 7 | 7187464  | 526272  | 768       | DAW12000183 | 457       | 18.2      | 3.7       | 417.6     | 13.9      | 48.33     | 143       | 21        | 7.78      | 36.9      | 13.84     | 2.07      | 0.42      | 76.3      |
| 1301588    | 25/07/2012  | NAD 83 - 7 | 7187414  | 526373  | 791       | DAW12000183 | 134       | 12.9      | 3.2       | 167.9     | 13.9      | 33.32     | 88        | 43        | 4.97      | 37.6      | 11.92     | 1.12      | 0.9       | 114.8     |
| 1301589    | 25/07/2012  | NAD 83 - 7 | 7187324  | 526327  | 789       | DAW12000183 | 376       | 19.9      | 2         | 365.2     | 20.1      | 35.59     | 27        | 159       | 7.32      | 81.5      | 23.01     | 2.22      | 0.77      | 245.1     |
| 1301590    | 25/07/2012  | NAD 83 - 7 | 7187223  | 526326  | 764       | DAW12000183 | 202       | 5.9       | 0.9       | 797.2     | 18.8      | 12.11     | 20        | 85        | 2.7       | 18.5      | 8.97      | 1.02      | 0.17      | 57.5      |
| 1301591    | 25/07/2012  | NAD 83 - 7 | 7187133  | 526290  | 735       | DAW12000183 | 429       | 9.2       | 3.1       | 830.6     | 15.2      | 31.88     | 108       | 103       | 3.31      | 32.3      | 11.09     | 1.58      | 0.25      | 85.1      |
| 1301592    | 25/07/2012  | NAD 83 - 7 | 7187033  | 526267  | 737       | DAW12000183 | 350       | 9         | 1.4       | 1149.5    | 23.1      | 21.98     | 74        | 238       | 2.78      | 29.1      | 11.87     | 1.07      | 0.23      | 108.5     |
| 1301593    | 25/07/2012  | NAD 83 - 7 | 7187000  | 526363  | 755       | DAW12000183 | 376       | 10.9      | 2.2       | 643.8     | 34.1      | 28.46     | 57        | 311       | 2.79      | 45.9      | 13.03     | 1.11      | 0.2       | 126.8     |
| 1301594    | 25/07/2012  | NAD 83 - 7 | 7186959  | 526459  | 765       | DAW12000183 | 275       | 5.9       | 1.9       | 675.7     | 27.5      | 24.08     | 71        | 224       | 0.58      | 24.3      | 10.51     | 0.98      | 0.15      | 82.2      |
| 1301595    | 25/07/2012  | NAD 83 - 7 | 7186922  | 526553  | 777       | DAW12000183 | 243       | 8.2       | 1.8       | 883.8     | 20.5      | 22.65     | 63        | 345       | 0.75      | 23.5      | 9.72      | 0.95      | 0.11      | 77.8      |
| 1301596    | 25/07/2012  | NAD 83 - 7 | 7186863  | 526636  | 793       | DAW12000183 | 275       | 9.8       | 2         | 952.6     | 21.1      | 28.05     | 60        | 160       | 2.29      | 28.9      | 13.26     | 1.13      | 0.16      | 79        |
| 1301597    | 25/07/2012  | NAD 83 - 7 | 7186864  | 526734  | 804       | DAW12000183 | 425       | 15.6      | 2.7       | 850.7     | 21.7      | 35.31     | 110       | 285       | 4.13      | 34.2      | 16.59     | 1.6       | 0.36      | 110       |
| 1301598    | 25/07/2012  | NAD 83 - 7 | 7186884  | 526829  | 809       | DAW12000183 | 131       | 10.6      | 2         | 464.1     | 25.4      | 14.2      | 23        | 236       | 2.42      | 24.7      | 11.34     | 0.82      | 0.16      | 71.3      |
| 1301599    | 25/07/2012  | NAD 83 - 7 | 7186912  | 526929  | 819       | DAW12000183 | 177       | 11.4      | 1.7       | 439.8     | 30        | 14.54     | 41        | 369       | 1.77      | 29.6      | 11.28     | 0.7       | 0.17      | 75.2      |
| 1301600    | 25/07/2012  | NAD 83 - 7 | 7186907  | 527034  | 821       | DAW12000183 | 251       | 9.8       | 1.9       | 433.8     | 21        | 17.11     | 74        | 132       | 2.21      | 16.8      | 10.94     | 0.79      | 0.21      | 70.2      |
| 1301651    |             | NAD 83 - 7 | 7186650  | 531336  | 808       | DAW12000173 | 59        | 6.9       | 1.8       | 151.1     | 25.6      | 11.47     | 49        | 441       | 2.08      | 17        | 16.29     | 0.6       | 0.14      | 101       |
| 1301652    |             | NAD 83 - 7 | 7186647  | 531438  | 868       | DAW12000173 | 152       | 7.1       | 2.5       | 151.1     | 19.4      | 13.15     | 51        | 407       | 1.68      | 17.8      | 9.56      | 0.68      | 0.09      | 57.8      |
| 1301653    |             | NAD 83 - 7 | 7186648  | 531539  | 926       | DAW12000173 | 142       | 9.6       | 1.9       | 264.2     | 25.8      | 15.19     | 49        | 339       | 4.33      | 22.5      | 17.13     | 0.84      | 0.15      | 75.8      |
| 1301654    |             | NAD 83 - 7 | 7186613  | 531671  | 967       | DAW12000173 | 235       | 11        | 1.9       | 156.5     | 20.8      | 13.61     | 53        | 282       | 3.72      | 22.4      | 8.03      | 0.73      | 0.15      | 85.7      |
| 1301655    |             | NAD 83 - 7 | 7186667  | 531759  | 1005      | DAW12000173 | 10467     | 56.7      | 16.3      | 1874.7    | 77        | 322.07    | 1231      | 79        | 113.47    | 221.7     | 21.3      | 14.58     | 1.58      | 1570.8    |
| 1301656    |             | NAD 83 - 7 | 7186767  | 531779  | 966       | DAW12000173 | 608       | 13.7      | 0.8       | 221.4     | 21        | 40.72     | 99        | 89        | 17.31     | 104       | 7.6       | 2.25      | 0.47      | 360.6     |
| 1301657    |             | NAD 83 - 7 | 7186861  | 531820  | 985       | DAW12000173 | 1916      | 14.1      | 5.1       | 320.5     | 65.3      | 60.22     | 311       | 141       | 16.61     | 65        | 10.84     | 2.85      | 0.63      | 453.3     |
| 1301658    |             | NAD 83 - 7 | 7187000  | 531883  | 1011      | DAW12000173 | 1115      | 14.4      | 2.1       | 196.4     | 30.1      | 28.19     | 135       | 145       | 10.67     | 36        | 11.48     | 1.62      | 0.33      | 200.4     |
| 1301659    |             | NAD 83 - 7 | 7187097  | 531907  | 1033      | DAW12000173 | 437       | 11.2      | 5.5       | 55.9      | 19.4      | 15.18     | 36        | 85        | 6.56      | 18.1      | 12.82     | 1.16      | 0.24      | 56.9      |
| 1301660    |             | NAD 83 - 7 | 7187197  | 531888  | 1048      | DAW12000173 | 182       | 12.7      | 2.8       | 136.1     | 30.3      | 17.27     | 49        | 181       | 4.57      | 28.4      | 11.47     | 0.96      | 0.22      | 98.3      |
| 1301661    |             | NAD 83 - 7 | 7187309  | 531896  | 1064      | DAW12000173 | 1143      | 16.8      | 3.3       | 212.9     | 35.4      | 25.92     | 116       | 522       | 8.42      | 57.6      | 11.09     | 1.55      | 0.33      | 281.5     |
| 1301662    |             | NAD 83 - 7 | 7187409  | 531910  | 1077      | DAW12000173 | 1201      | 24.5      | 4.2       | 282.1     | 49.4      | 82.38     | 141       | 106       | 47.14     | 131.5     | 9.66      | 6.43      | 0.69      | 400.2     |
| 1301663    |             | NAD 83 - 7 | 7187564  | 531599  | 1085      | DAW12000173 | 1602      | 65.5      | 5.6       | 363.7     | 108.2     | 141.17    | 247       | 190       | 199.24    | 261.2     | 25.34     | 24.82     | 1.82      | 936.3     |
| 1301664    |             | NAD 83 - 7 | 7187467  | 531573  | 1077      | DAW12000173 | 622       | 18.9      | 1         | 205.2     | 27.8      | 26.72     | 48        | 217       | 13        | 65.1      | 18.55     | 2.25      | 0.54      | 222.6     |
| 1301665    |             | NAD 83 - 7 | 7187365  | 531566  | 1062      | DAW12000173 | 273       | 9.9       | 3.6       | 193       | 21.6      | 8.56      | 46        | 81        | 3.82      | 17.9      | 10.41     | 0.77      | 0.31      | 69.7      |
| 1301666    |             | NAD 83 - 7 | 7187288  | 531500  | 1050      | DAW12000173 | 1447      | 15        | 2.3       | 255.2     | 30.4      | 30.82     | 289       | 95        | 8.6       | 74.2      | 10        | 1.76      | 0.49      | 223.5     |
| 1301667    |             | NAD 83 - 7 | 7187203  | 531445  | 1031      | DAW12000173 | 10895     | 65.2      | 17.1      | 259.6     | 126.1     | 269.59    | 1063      | 68        | 159.87    | 263.1     | 14.88     | 21.17     | 1.67      | 1305.5    |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1301668    |             | NAD 83 - 7 | 7187145  | 531357  | 1008      | DAW12000173 | 4238   | 21.2   | 8.4    | 656.1  | 90.5   | 127.96 | 696    | 141    | 24.79  | 100.7  | 12.21  | 8.24   | 1.31   | 890    |
| 1301669    |             | NAD 83 - 7 | 7187065  | 531288  | 981       | DAW12000173 | 2538   | 8.9    | 7.1    | 557.8  | 51     | 115.5  | 530    | 140    | 2.75   | 74.1   | 11.84  | 4.5    | 0.71   | 587.9  |
| 1301670    |             | NAD 83 - 7 | 7186983  | 531220  | 934       | DAW12000173 | 767    | 6.9    | 2.4    | 611.1  | 30.1   | 45.61  | 265    | 394    | 5.74   | 45     | 9.58   | 3.76   | 0.36   | 343.5  |
| 1301671    |             | NAD 83 - 7 | 7186915  | 531151  | 885       | DAW12000173 | 200    | 7.9    | 2.2    | 209.8  | 14.8   | 12.64  | 64     | 232    | 6      | 18.8   | 8.96   | 1.11   | 0.16   | 61.9   |
| 1301672    |             | NAD 83 - 7 | 7185122  | 531794  | 1136      | DAW12000173 | 123    | 17.3   | 4.3    | 123.3  | 24.2   | 20.46  | 37     | 187    | 5.28   | 17.2   | 17.22  | 1.35   | 0.37   | 55.8   |
| 1301673    |             | NAD 83 - 7 | 7185024  | 531818  | 1144      | DAW12000173 | 134    | 35.2   | 1.9    | 186.8  | 15.2   | 48.57  | 287    | 9      | 19.06  | 8.9    | 18.68  | 1.56   | 1.14   | 42.4   |
| 1301674    |             | NAD 83 - 7 | 7184928  | 531859  | 1159      | DAW12000173 | 180    | 22.8   | 1.7    | 156.5  | 16.4   | 27.19  | 63     | 40     | 10.81  | 15     | 13.93  | 1.96   | 0.66   | 74.4   |
| 1301675    |             | NAD 83 - 7 | 7184819  | 531876  | 1185      | DAW12000173 | 910    | 18.1   | 3.1    | 311.6  | 20.9   | 30.82  | 63     | 101    | 4.84   | 24.8   | 13.65  | 3.63   | 0.4    | 106.7  |
| 1301676    |             | NAD 83 - 7 | 7184729  | 531928  | 1206      | DAW12000173 | 124    | 17.8   | 2.2    | 138.8  | 25.5   | 21.73  | 35     | 198    | 5.02   | 17.8   | 17.38  | 1.3    | 0.39   | 58.1   |
| 1301677    |             | NAD 83 - 7 | 7184560  | 532161  | 1283      | DAW12000173 | 1252   | 9.3    | 1.2    | 1200   | 10     | 28.96  | 131    | 195    | 9.82   | 41.5   | 62.08  | 5.01   | 0.41   | 277.9  |
| 1301678    |             | NAD 83 - 7 | 7184460  | 532170  | 1337      | DAW12000173 | 41     | 1.9    | 0.8    | 38.8   | 4      | 5.21   | 25     | 242    | 0.28   | 6.1    | 83.74  | 0.3    | 0.06   | 82.8   |
| 1301679    |             | NAD 83 - 7 | 7184625  | 532349  | 1233      | DAW12000173 | 720    | 21.7   | 4      | 452.9  | 12.8   | 40.81  | 324    | 119    | 11.54  | 35     | 56.13  | 3.16   | 1.19   | 222.4  |
| 1301680    |             | NAD 83 - 7 | 7184724  | 532371  | 1198      | DAW12000173 | 664    | 8.7    | 1.8    | 1679   | 8.9    | 22.75  | 168    | 118    | 4.99   | 24.3   | 60.69  | 2.18   | 0.34   | 152.9  |
| 1301681    |             | NAD 83 - 7 | 7184824  | 532377  | 1181      | DAW12000173 | 169    | 8      | 4.7    | 229.6  | 20.8   | 13.63  | 59     | 420    | 1.33   | 20.9   | 46.81  | 0.8    | 0.16   | 103.6  |
| 1301682    |             | NAD 83 - 7 | 7184928  | 532376  | 1169      | DAW12000173 | 117    | 8.1    | 4      | 1887.3 | 21.2   | 18.04  | 46     | 182    | 2.96   | 22.2   | 36.18  | 1.12   | 0.24   | 103.5  |
| 1301683    |             | NAD 83 - 7 | 7185018  | 532326  | 1156      | DAW12000173 | 179    | 8.5    | 0.7    | 1477.9 | 22.8   | 21.26  | 34     | 169    | 2.7    | 31.6   | 11.93  | 1.64   | 0.19   | 121.5  |
| 1301684    |             | NAD 83 - 7 | 7185079  | 532412  | 1126      | DAW12000173 | 66     | 4.3    | 1.9    | 92     | 17.2   | 7.88   | 48     | 487    | 0.98   | 10.7   | 33.04  | 0.42   | 0.14   | 102.4  |
| 1301685    |             | NAD 83 - 7 | 7185233  | 532514  | 1078      | DAW12000173 | 57     | 7.4    | 4.9    | 107.5  | 23.7   | 11.54  | 48     | 599    | 0.84   | 21.1   | 50.54  | 0.58   | 0.14   | 110    |
| 1301686    |             | NAD 83 - 7 | 7185333  | 532505  | 1058      | DAW12000173 | 115    | 8.2    | 1.6    | 159.1  | 25.5   | 12.1   | 52     | 416    | 0.71   | 22.3   | 48.3   | 0.51   | 0.14   | 94.6   |
| 1301687    |             | NAD 83 - 7 | 7185432  | 532521  | 1041      | DAW12000173 | 88     | 8      | 1.6    | 141.4  | 27.8   | 8.37   | 33     | 304    | 0.7    | 22.3   | 17.95  | 0.5    | 0.14   | 72     |
| 1301688    |             | NAD 83 - 7 | 7185076  | 532765  | 1150      | DAW12000173 | 224    | 10.7   | 3.3    | 195.5  | 25.2   | 29.23  | 71     | 243    | 1.74   | 38.9   | 26.32  | 0.91   | 0.16   | 110.5  |
| 1301689    |             | NAD 83 - 7 | 7184999  | 532839  | 1189      | DAW12000173 | 96     | 10.6   | 1      | 204.5  | 23.7   | 22.48  | 28     | 232    | 1.74   | 32.5   | 15.16  | 0.97   | 0.06   | 88.9   |
| 1301690    |             | NAD 83 - 7 | 7186446  | 527930  | 989       | DAW12000173 | 132    | 9.3    | 0.3    | 213.6  | 17.6   | 18.59  | 41     | 126    | 3.69   | 23.2   | 13.59  | 0.94   | 0.23   | 78.4   |
| 1301691    |             | NAD 83 - 7 | 7186426  | 528029  | 986       | DAW12000173 | 217    | 21.3   | 0.9    | 164    | 11.7   | 24.8   | 90     | 10     | 12.51  | 6.4    | 15.32  | 1.59   | 0.42   | 44.1   |
| 1301692    |             | NAD 83 - 7 | 7186394  | 528125  | 993       | DAW12000173 | 465    | 36     | 1.9    | 215.9  | 12.9   | 38.45  | 95     | 17     | 17.97  | 7.8    | 21.67  | 4.69   | 1.26   | 79.2   |
| 1301693    |             | NAD 83 - 7 | 7186343  | 528210  | 1011      | DAW12000173 | 205    | 17.1   | 1.8    | 295.1  | 13.6   | 30.11  | 74     | 132    | 5.13   | 11.7   | 14.79  | 1.46   | 0.34   | 38.7   |
| 1301694    |             | NAD 83 - 7 | 7186166  | 528297  | 1044      | DAW12000173 | 258    | 9.2    | 1.4    | 197.7  | 24.8   | 21.49  | 36     | 366    | 1.98   | 27.7   | 23.31  | 0.78   | 0.22   | 158.9  |
| 1301695    |             | NAD 83 - 7 | 7185982  | 528377  | 1064      | DAW12000173 | 184    | 8.2    | 0.4    | 183.9  | 24.8   | 17.6   | 48     | 636    | 0.89   | 22.9   | 17.98  | 0.47   | 0.14   | 64.4   |
| 1301696    |             | NAD 83 - 7 | 7186015  | 528473  | 1058      | DAW12000173 | 168    | 8.9    | 0.1    | 163.4  | 27.4   | 15.63  | 41     | 483    | 0.68   | 24     | 20.59  | 0.44   | 0.13   | 91.3   |
| 1301697    |             | NAD 83 - 7 | 7186066  | 528561  | 1045      | DAW12000173 | 143    | 7.6    | 1      | 119    | 21.7   | 14.89  | 68     | 235    | 0.7    | 19     | 16.23  | 0.4    | 0.1    | 59.3   |
| 1301698    |             | NAD 83 - 7 | 7186080  | 528672  | 1027      | DAW12000173 | 189    | 6.9    | 0.9    | 155.2  | 26.2   | 22.47  | 39     | 161    | 0.51   | 24.8   | 14.83  | 0.56   | 0.12   | 71.6   |
| 1301699    |             | NAD 83 - 7 | 7186095  | 528783  | 1008      | DAW12000173 | 220    | 8      | 3      | 187.5  | 25.9   | 20.64  | 41     | 367    | 0.63   | 25.1   | 14.74  | 0.52   | 0.12   | 82.8   |
| 1301700    |             | NAD 83 - 7 | 7186990  | 528627  | 903       | DAW12000173 | 1367   | 22.8   | 1.2    | 2732.3 | 24.4   | 30.07  | 207    | 53     | 12.22  | 35.8   | 15.53  | 8.83   | 0.82   | 185.7  |
| 1301701    |             | NAD 83 - 7 | 7186596  | 528562  | 972       | DAW12000173 | 91     | 15.4   | 1.9    | 240.6  | 30.4   | 21.71  | 26     | 381    | 2.7    | 36.4   | 17.11  | 0.95   | 0.25   | 76.3   |
| 1301702    |             | NAD 83 - 7 | 7186403  | 528511  | 1007      | DAW12000173 | 246    | 11.3   | 4.2    | 332.3  | 17.3   | 50     | 157    | 119    | 3.05   | 21.9   | 12.37  | 0.77   | 0.31   | 61.5   |
| 1301703    |             | NAD 83 - 7 | 7186307  | 528486  | 1025      | DAW12000173 | 256    | 9.8    | 2      | 243.5  | 30.6   | 20.14  | 57     | 294    | 1.1    | 31.9   | 16.61  | 0.78   | 0.16   | 101.4  |
| 1301704    |             | NAD 83 - 7 | 7186125  | 528404  | 1052      | DAW12000173 | 228    | 12.8   | 1.5    | 203.5  | 31.6   | 23.81  | 50     | 253    | 0.63   | 30.9   | 16.74  | 0.68   | 0.16   | 82.2   |
| 1301705    |             | NAD 83 - 7 | 7185866  | 528372  | 1071      | DAW12000173 | 238    | 9.1    | 1      | 214.8  | 29.5   | 19.76  | 73     | 530    | 1.11   | 27     | 21.76  | 0.56   | 0.15   | 71.6   |
| 1301706    |             | NAD 83 - 7 | 7185762  | 528349  | 1074      | DAW12000173 | 163    | 8.1    | 0.1    | 193    | 29.3   | 17.55  | 47     | 397    | 0.99   | 27.7   | 17.71  | 0.54   | 0.13   | 79     |
| 1301707    |             | NAD 83 - 7 | 7185669  | 528300  | 1072      | DAW12000173 | 59     | 7.3    | 0.1    | 124.5  | 27.3   | 15.02  | 38     | 377    | 0.75   | 24.8   | 22.23  | 0.29   | 0.12   | 78.3   |
| 1301708    |             | NAD 83 - 7 | 7185576  | 528252  | 1074      | DAW12000173 | 50     | 5.8    | 0.3    | 132.7  | 20     | 12.13  | 21     | 334    | 1.09   | 17.6   | 16.87  | 0.36   | 0.13   | 51     |
| 1301709    |             | NAD 83 - 7 | 7185478  | 528211  | 1072      | DAW12000173 | 68     | 10.4   | 1.1    | 211.9  | 34     | 16.8   | 27     | 395    | 0.98   | 29.9   | 12.2   | 0.62   | 0.14   | 67.5   |
| 1301710    |             | NAD 83 - 7 | 7185383  | 528169  | 1068      | DAW12000173 | 69     | 7.4    | 1.7    | 179.5  | 27     | 16.77  | 35     | 590    | 1.02   | 23.6   | 24.39  | 0.53   | 0.16   | 78.4   |
| 1301711    |             | NAD 83 - 7 | 7185302  | 528100  | 1067      | DAW12000173 | 84     | 7.5    | 0.1    | 183.1  | 28.1   | 16.59  | 37     | 477    | 1.07   | 24.1   | 20.78  | 0.55   | 0.17   | 81.7   |
| 1301712    |             | NAD 83 - 7 | 7185227  | 528039  | 1072      | DAW12000173 | 76     | 7.3    | 0.8    | 177.3  | 29.2   | 16.63  | 36     | 542    | 0.95   | 28.9   | 22.39  | 0.41   | 0.13   | 75.7   |
| 1301713    |             | NAD 83 - 7 | 7185128  | 528013  | 1072      | DAW12000173 | 256    | 10.4   | 0.4    | 260.4  | 35.4   | 18.67  | 42     | 551    | 1.56   | 30.8   | 16.33  | 0.72   | 0.14   | 79.5   |
| 1301714    |             | NAD 83 - 7 | 7185037  | 527965  | 1067      | DAW12000173 | 76     | 19.6   | 0.4    | 255.2  | 11     | 34.45  | 46     | 50     | 9.46   | 9.4    | 10.69  | 1.09   | 0.77   | 21.2   |
| 1301715    |             | NAD 83 - 7 | 7184949  | 527920  | 1073      | DAW12000173 | 364    | 12.9   | 3.1    | 287.3  | 32.2   | 24.07  | 64     | 287    | 1.58   | 31.7   | 14.79  | 1.16   | 0.18   | 82.3   |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301716    |             | NAD 83 - 7 | 7184820  | 527825  | 1069      | DAW12000173 | 830       | 14.3      | 3.6       | 417.3     | 16.4      | 38.28     | 146       | 114       | 2.12      | 40.5      | 11.6      | 2.61      | 0.3       | 141.1     |
| 1301717    |             | NAD 83 - 7 | 7186523  | 530208  | 976       | DAW12000173 | 623       | 13.3      | 2.7       | 2680.6    | 17.5      | 42.11     | 57        | 59        | 10.93     | 49.3      | 13.16     | 9.95      | 0.25      | 431.3     |
| 1301718    |             | NAD 83 - 7 | 7186456  | 530278  | 978       | DAW12000173 | 669       | 14.3      | 11.6      | 809.9     | 24.3      | 24.17     | 118       | 79        | 3.3       | 20.5      | 11.94     | 3.7       | 0.61      | 69.6      |
| 1301719    |             | NAD 83 - 7 | 7186380  | 530345  | 988       | DAW12000173 | 431       | 15.3      | 0.9       | 237.3     | 10.7      | 22.33     | 24        | 33        | 38.19     | 6.6       | 16.33     | 6.43      | 1.82      | 17.5      |
| 1301720    |             | NAD 83 - 7 | 7186709  | 530632  | 922       | DAW12000173 | 681       | 16        | 3.2       | 818.9     | 41.2      | 43.1      | 132       | 223       | 3.86      | 45.5      | 16.34     | 1.86      | 0.32      | 165.1     |
| 1301721    |             | NAD 83 - 7 | 7186898  | 530552  | 868       | DAW12000173 | 1492      | 15.9      | 3.1       | 728       | 22.2      | 85.64     | 301       | 260       | 12.02     | 43.7      | 82.77     | 2.64      | 0.28      | 364       |
| 1301722    |             | NAD 83 - 7 | 7187023  | 530242  | 922       | DAW12000173 | 4267      | 31.6      | 9.8       | 297.5     | 43.3      | 142.98    | 712       | 203       | 36.15     | 106.5     | 15.13     | 5.88      | 0.75      | 685.1     |
| 1301723    |             | NAD 83 - 7 | 7187008  | 530141  | 947       | DAW12000173 | 1036      | 10.2      | 0.4       | 318.8     | 27.1      | 25.29     | 220       | 67        | 1.77      | 43.5      | 11.34     | 1.66      | 0.27      | 207       |
| 1301724    |             | NAD 83 - 7 | 7186879  | 529991  | 979       | DAW12000173 | 1312      | 12.6      | 1.2       | 512.5     | 15.9      | 22.3      | 118       | 154       | 14.8      | 59.7      | 10.32     | 5.37      | 0.22      | 240.8     |
| 1301725    |             | NAD 83 - 7 | 7186831  | 529850  | 932       | DAW12000173 | 2306      | 29.8      | 0.5       | 386       | 17.2      | 38.26     | 348       | 126       | 27.77     | 99.4      | 11.19     | 8.62      | 0.49      | 528.7     |
| 1301726    |             | NAD 83 - 7 | 7186786  | 529649  | 879       | DAW12000173 | 1015      | 11.6      | 2         | 477.9     | 21.5      | 28.05     | 118       | 147       | 3.97      | 48.6      | 9.44      | 2.88      | 0.18      | 200.6     |
| 1301727    |             | NAD 83 - 7 | 7187268  | 529449  | 882       | DAW12000173 | 1044      | 7.4       | 4.9       | 453.2     | 34.2      | 28.89     | 228       | 195       | 2.85      | 35.3      | 10.91     | 1.74      | 0.28      | 267.9     |
| 1301728    |             | NAD 83 - 7 | 7187359  | 529755  | 941       | DAW12000173 | 473       | 25.5      | 2.5       | 305.1     | 69.6      | 131.55    | 69        | 72        | 26.01     | 143.6     | 10.55     | 8.17      | 0.42      | 346.6     |
| 1301729    |             | NAD 83 - 7 | 7187275  | 529813  | 949       | DAW12000173 | 558       | 31.4      | 0.3       | 198.3     | 39.4      | 43.19     | 56        | 123       | 31.83     | 115.5     | 17.53     | 4.38      | 0.63      | 699       |
| 1301730    |             | NAD 83 - 7 | 7187195  | 529872  | 952       | DAW12000173 | 1181      | 10.3      | 0.9       | 249.5     | 23        | 26.82     | 125       | 179       | 11.16     | 47        | 9.98      | 2.21      | 0.11      | 270.2     |
| 1301731    |             | NAD 83 - 7 | 7187101  | 529922  | 963       | DAW12000173 | 3490      | 20.9      | 0.8       | 494.6     | 33.9      | 28.3      | 274       | 296       | 12.92     | 69.9      | 12.35     | 4.29      | 0.3       | 399.5     |
| 1301732    |             | NAD 83 - 7 | 7186995  | 529960  | 983       | DAW12000173 | 652       | 41.5      | 1.1       | 134.8     | 28.2      | 33.33     | 56        | 64        | 38.87     | 99.3      | 17.49     | 15.06     | 0.31      | 512.1     |
| 1301733    |             | NAD 83 - 7 | 7186785  | 530032  | 974       | DAW12000173 | 680       | 8.4       | 0.6       | 373.6     | 14.6      | 26.15     | 53        | 24        | 11.85     | 52.8      | 9.74      | 7.34      | 0.19      | 239.3     |
| 1301734    |             | NAD 83 - 7 | 7186705  | 530082  | 978       | DAW12000173 | 3102      | 25.4      | 0.6       | 318.8     | 25.7      | 53.13     | 315       | 106       | 41.38     | 129.8     | 16.14     | 13.41     | 0.3       | 559.6     |
| 1301735    |             | NAD 83 - 7 | 7186609  | 530141  | 974       | DAW12000173 | 2847      | 16.2      | 1.1       | 1472.6    | 21.1      | 62.68     | 216       | 33        | 21.59     | 72.8      | 13.88     | 9.78      | 0.27      | 633.7     |
| 1301736    |             | NAD 83 - 7 | 7186854  | 530960  | 766       | DAW12000173 | 132       | 9.9       | 1.7       | 121.1     | 9.5       | 9.57      | 39        | 244       | 4.7       | 15.9      | 14.06     | 0.51      | 0.13      | 97.2      |
| 1301737    |             | NAD 83 - 7 | 7187652  | 530206  | 709       | DAW12000173 | 53        | 0.7       | 4.6       | 80.3      | 1.2       | 1.75      | 11        | 137       | 0.37      | 2.1       | 24.74     | 0.09      | 0.01      | 66        |
| 1301738    |             | NAD 83 - 7 | 7186286  | 530379  | 988       | DAW12000173 | 103       | 10.2      | 1.5       | 412.6     | 31.2      | 15.08     | 45        | 129       | 0.89      | 25.2      | 17.79     | 0.8       | 0.14      | 56.9      |
| 1301739    |             | NAD 83 - 7 | 7186181  | 530383  | 990       | DAW12000173 | 3092      | 19        | 2.1       | 1576.8    | 22.6      | 59.8      | 294       | 160       | 10.77     | 75.3      | 16.53     | 12.75     | 0.49      | 559       |
| 1301740    | 25/07/2012  | NAD 83 - 7 | 7187402  | 526367  | 792       | DAW12000183 | 311       | 19.7      | 2.5       | 144.7     | 24        | 46.78     | 27        | 73        | 6.14      | 38.5      | 13.59     | 2.85      | 0.5       | 138.7     |
| 1301741    | 25/07/2012  | NAD 83 - 7 | 7187496  | 526410  | 784       | DAW12000183 | 88        | 13.1      | 1.3       | 268.6     | 30.3      | 20.79     | 30        | 146       | 6.11      | 27        | 14.19     | 0.98      | 0.42      | 72.6      |
| 1301742    | 25/07/2012  | NAD 83 - 7 | 7187587  | 526451  | 784       | DAW12000183 | 66        | 11.7      | 2.2       | 232.8     | 17.7      | 17.77     | 67        | 72        | 5.38      | 16.3      | 11.05     | 0.94      | 0.22      | 47.5      |
| 1301743    | 25/07/2012  | NAD 83 - 7 | 7187678  | 526507  | 782       | DAW12000183 | 387       | 8.8       | 5.4       | 561.2     | 19.8      | 26.83     | 67        | 120       | 4.76      | 23.3      | 11.3      | 2.02      | 0.18      | 105.9     |
| 1301744    | 25/07/2012  | NAD 83 - 7 | 7187771  | 526550  | 778       | DAW12000183 | 457       | 27.2      | 4.6       | 729.5     | 16.9      | 33.45     | 160       | 37        | 4.79      | 13.4      | 17.78     | 2         | 0.49      | 36.1      |
| 1301745    | 25/07/2012  | NAD 83 - 7 | 7187877  | 526564  | 776       | DAW12000183 | 498       | 11.1      | 3.6       | 1246.5    | 30.5      | 33.62     | 71        | 206       | 2.58      | 40.4      | 13.11     | 1.85      | 0.14      | 127.3     |
| 1301746    | 25/07/2012  | NAD 83 - 7 | 7187979  | 526591  | 771       | DAW12000183 | 780       | 10        | 2.6       | 1263.2    | 29.7      | 40.55     | 93        | 207       | 3.76      | 47.6      | 12.74     | 3.07      | 0.15      | 207.9     |
| 1301747    | 25/07/2012  | NAD 83 - 7 | 7188078  | 526624  | 783       | DAW12000183 | 1382      | 14        | 4.2       | 2691.1    | 33.5      | 51.95     | 146       | 148       | 5.37      | 71.8      | 12.49     | 3.97      | 0.41      | 351       |
| 1301748    | 25/07/2012  | NAD 83 - 7 | 7188176  | 526659  | 803       | DAW12000183 | 1064      | 17        | 1.4       | 4543.2    | 22.7      | 41.44     | 123       | 271       | 5         | 47.7      | 12.59     | 2.96      | 0.34      | 219       |
| 1301749    | 25/07/2012  | NAD 83 - 7 | 7188271  | 526703  | 812       | DAW12000183 | 701       | 9         | 4.2       | 1065.8    | 31.3      | 30.81     | 100       | 289       | 3.44      | 46.7      | 15.26     | 1.54      | 0.17      | 144.1     |
| 1301750    | 25/07/2012  | NAD 83 - 7 | 7188359  | 526253  | 773       | DAW12000183 | 1006      | 8.9       | 2.2       | 1329.7    | 23.1      | 27.22     | 157       | 116       | 4.03      | 63.4      | 11.54     | 3.82      | 0.23      | 363.3     |
| 1301751    |             | NAD 83 - 7 | 7186154  | 532984  | 1028      | DAW12000173 | 3192      | 26        | 1.9       | 418.1     | 39.9      | 42.13     | 293       | 149       | 22.43     | 120.5     | 10.19     | 3.71      | 0.44      | 436.1     |
| 1301752    |             | NAD 83 - 7 | 7186169  | 532881  | 1020      | DAW12000173 | 2090      | 18.6      | 1.2       | 387.3     | 37.4      | 30.94     | 306       | 276       | 12.34     | 85.4      | 13.05     | 2.08      | 0.34      | 364.1     |
| 1301753    |             | NAD 83 - 7 | 7186194  | 532784  | 1015      | DAW12000173 | 521       | 16.4      | 2         | 84.9      | 30.1      | 24.7      | 44        | 167       | 14.11     | 25.5      | 18.81     | 2.16      | 0.18      | 91        |
| 1301754    |             | NAD 83 - 7 | 7186298  | 532450  | 868       | DAW12000173 | 787       | 10.1      | 2.4       | 1320.9    | 23.4      | 40.59     | 173       | 307       | 3.9       | 55.4      | 19.4      | 1.82      | 0.24      | 320.9     |
| 1301755    |             | NAD 83 - 7 | 7186133  | 532344  | 962       | DAW12000173 | 1977      | 21.8      | 2.6       | 467.1     | 34.6      | 73.04     | 252       | 193       | 27.19     | 105.4     | 18.15     | 4.11      | 0.46      | 401.4     |
| 1301756    |             | NAD 83 - 7 | 7186085  | 532309  | 971       | DAW12000173 | 2780      | 23.3      | 1.3       | 267       | 29.4      | 34.98     | 225       | 259       | 16.98     | 88        | 10.66     | 2.88      | 0.43      | 410.4     |
| 1301757    |             | NAD 83 - 7 | 7186029  | 532095  | 955       | DAW12000173 | 1884      | 30.8      | 0.1       | 342.8     | 18.7      | 46.68     | 409       | 161       | 28.55     | 109.6     | 12.61     | 7.54      | 0.73      | 483.8     |
| 1301758    |             | NAD 83 - 7 | 7186111  | 532045  | 938       | DAW12000173 | 4256      | 31.6      | 3.3       | 352.1     | 43.6      | 44.87     | 407       | 169       | 26.56     | 139.8     | 18.2      | 3.33      | 0.88      | 749.3     |
| 1301759    |             | NAD 83 - 7 | 7186545  | 531993  | 873       | DAW12000173 | 122       | 12.1      | 3.4       | 146.8     | 13        | 12.32     | 48        | 309       | 5.99      | 20.1      | 16.73     | 0.71      | 0.21      | 122.6     |
| 1301760    |             | NAD 83 - 7 | 7186598  | 532069  | 934       | DAW12000173 | 98        | 2.9       | 0.7       | 153.3     | 5.1       | 6.13      | 63        | 2229      | 3.06      | 31.5      | 11.64     | 0.55      | 0.1       | 314.2     |
| 1301761    |             | NAD 83 - 7 | 7186602  | 532164  | 1010      | DAW12000173 | 349       | 8.6       | 0.9       | 82.7      | 21        | 10.85     | 2934      | 822       | 2.92      | 21.6      | 41.89     | 0.48      | 0.11      | 887.5     |
| 1301762    |             | NAD 83 - 7 | 7186627  | 532283  | 1019      | DAW12000173 | 126       | 5         | 1.2       | 75.4      | 13.7      | 7.21      | 40        | 267       | 1.99      | 14.4      | 19.12     | 0.29      | 0.07      | 90.1      |
| 1301763    |             | NAD 83 - 7 | 7186626  | 532380  | 1026      | DAW12000173 | 81        | 6.4       | 1         | 84.3      | 13.3      | 23.32     | 71        | 1204      | 0.76      | 20.2      | 95.5      | 0.19      | 0.33      | 373       |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301764    |             | NAD 83 - 7 | 7186645  | 532486  | 1042      | DAW12000173 | 138       | 10.3      | 6.8       | 652       | 29.3      | 15.22     | 74        | 898       | 2.7       | 27.3      | 40.21     | 0.93      | 0.12      | 293.7     |
| 1301765    |             | NAD 83 - 7 | 7186697  | 532572  | 1049      | DAW12000173 | 501       | 24.6      | 0.9       | 1018.3    | 18.7      | 30.52     | 145       | 184       | 15.85     | 35.3      | 21.69     | 2.49      | 0.32      | 406.7     |
| 1301766    |             | NAD 83 - 7 | 7186754  | 532657  | 1029      | DAW12000173 | 5034      | 60.3      | 19.4      | 2947.6    | 121.5     | 180.36    | 716       | 154       | 106.74    | 241.1     | 53.29     | 24.26     | 2.29      | 1225.6    |
| 1301767    |             | NAD 83 - 7 | 7186839  | 532709  | 1033      | DAW12000173 | 4105      | 51        | 12        | 220.2     | 72.8      | 276.68    | 425       | 216       | 136.18    | 251.2     | 13.72     | 18.42     | 1.26      | 748.6     |
| 1301768    |             | NAD 83 - 7 | 7186922  | 532777  | 1049      | DAW12000173 | 821       | 38.4      | 4.5       | 97.7      | 51.9      | 76.74     | 147       | 86        | 82.25     | 136.3     | 16.58     | 10.97     | 0.56      | 491.8     |
| 1301769    |             | NAD 83 - 7 | 7186949  | 532877  | 1064      | DAW12000173 | 1986      | 18.6      | 4.6       | 2134.4    | 41.7      | 84.12     | 236       | 113       | 32.47     | 70.2      | 12.66     | 5.25      | 0.6       | 362.6     |
| 1301770    |             | NAD 83 - 7 | 7185747  | 532156  | 1017      | DAW12000173 | 757       | 15.3      | 2.7       | 413.2     | 16        | 38.6      | 178       | 46        | 10.95     | 22.7      | 16.84     | 4.53      | 0.58      | 45.3      |
| 1301771    |             | NAD 83 - 7 | 7185653  | 532120  | 1054      | DAW12000173 | 400       | 36.4      | 3.7       | 438.5     | 18.1      | 34.98     | 157       | 180       | 15.9      | 21.9      | 28.3      | 2.92      | 1.32      | 54.9      |
| 1301772    |             | NAD 83 - 7 | 7185547  | 532115  | 1101      | DAW12000173 | 254       | 18.6      | 4         | 387       | 28.7      | 32.52     | 73        | 283       | 4.86      | 27.1      | 24.51     | 1.44      | 0.56      | 80.6      |
| 1301773    |             | NAD 83 - 7 | 7185464  | 532048  | 1160      | DAW12000173 | 86        | 11.2      | 3.2       | 154.6     | 33.3      | 17.86     | 34        | 346       | 1.35      | 32.4      | 11.87     | 0.76      | 0.12      | 64.2      |
| 1301774    |             | NAD 83 - 7 | 7185490  | 531954  | 1159      | DAW12000173 | 155       | 10.9      | 2.6       | 143.6     | 32.7      | 28.12     | 58        | 331       | 1.37      | 46.9      | 10.66     | 0.9       | 0.14      | 76.3      |
| 1301775    | 22/07/2012  | NAD 83 - 7 | 7186322  | 530990  | 936       | DAW12000173 | 737       | 12.2      | 1.9       | 388.3     | 31.1      | 16.61     | 107       | 221       | 5.59      | 35.9      | 12.71     | 1.27      | 0.25      | 155.3     |
| 1301776    | 22/07/2012  | NAD 83 - 7 | 7186247  | 530924  | 944       | DAW12000173 | 353       | 9.3       | 1.8       | 374.7     | 24.3      | 18.81     | 61        | 93        | 3.13      | 27.6      | 11.43     | 1.26      | 0.22      | 151.1     |
| 1301777    | 22/07/2012  | NAD 83 - 7 | 7186092  | 530793  | 970       | DAW12000173 | 2637      | 30.3      | 2.3       | 489.7     | 25.4      | 49.83     | 344       | 134       | 30.32     | 151.7     | 13.97     | 9.64      | 0.95      | 772.6     |
| 1301778    | 22/07/2012  | NAD 83 - 7 | 7186053  | 530699  | 992       | DAW12000173 | 2618      | 27.4      | 3         | 749.9     | 29.9      | 49.11     | 269       | 145       | 40.19     | 138.6     | 18.16     | 12.31     | 0.72      | 598.4     |
| 1301779    | 22/07/2012  | NAD 83 - 7 | 7186072  | 530621  | 998       | DAW12000173 | 2882      | 23.3      | 2.2       | 633.5     | 30.9      | 63.87     | 209       | 172       | 33.02     | 168.1     | 14.35     | 8.82      | 0.6       | 601.2     |
| 1301780    | 22/07/2012  | NAD 83 - 7 | 7185832  | 530442  | 1048      | DAW12000173 | 182       | 12        | 4.2       | 380.4     | 33.9      | 36.97     | 33        | 183       | 1.97      | 61.9      | 15.41     | 0.88      | 0.12      | 143.6     |
| 1301781    |             | NAD 83 - 7 | 7187083  | 528629  | 894       | DAW12000173 | 4810      | 44.8      | 3.9       | 914.8     | 47.2      | 99.39     | 345       | 421       | 28.46     | 215.6     | 22.03     | 50.1      | 0.53      | 1351.6    |
| 1301782    |             | NAD 83 - 7 | 7187171  | 528580  | 891       | DAW12000173 | 11054     | 47        | 0.8       | 941.5     | 72.2      | 86.12     | 723       | 859       | 17.83     | 446.7     | 15.25     | 47.31     | 0.74      | 3339.4    |
| 1301783    |             | NAD 83 - 7 | 7187271  | 528565  | 885       | DAW12000173 | 1597      | 8.4       | 2.9       | 1153.2    | 24.6      | 40.97     | 161       | 242       | 3.14      | 60.1      | 11.19     | 2.47      | 0.16      | 184       |
| 1301784    |             | NAD 83 - 7 | 7187331  | 528490  | 872       | DAW12000173 | 3103      | 16.3      | 0.8       | 900.4     | 43.3      | 68.12     | 285       | 212       | 45.33     | 157.3     | 13.23     | 11.61     | 0.55      | 591.4     |
| 1301785    |             | NAD 83 - 7 | 7187423  | 528440  | 846       | DAW12000173 | 2495      | 15.2      | 1.6       | 571.5     | 23.8      | 39.93     | 327       | 88        | 22.23     | 101.9     | 11.24     | 7.47      | 0.5       | 352.9     |
| 1301786    |             | NAD 83 - 7 | 7187514  | 528394  | 834       | DAW12000173 | 245       | 11.9      | 4.5       | 268.2     | 30.3      | 25.74     | 54        | 332       | 4.09      | 46.2      | 11.36     | 1.49      | 0.16      | 120       |
| 1301787    |             | NAD 83 - 7 | 7187586  | 528314  | 815       | DAW12000173 | 400       | 9.3       | 1.7       | 571.6     | 26.2      | 16.55     | 60        | 157       | 4.22      | 31        | 12.33     | 1.31      | 0.21      | 136.2     |
| 1301788    |             | NAD 83 - 7 | 7187671  | 528249  | 804       | DAW12000173 | 1323      | 34        | 2.1       | 503.5     | 29.3      | 101.71    | 202       | 349       | 45.38     | 237.6     | 17.81     | 14.77     | 0.77      | 1755.3    |
| 1301789    |             | NAD 83 - 7 | 7187741  | 528176  | 798       | DAW12000173 | 137       | 13.1      | 1.7       | 407.9     | 28.7      | 30.53     | 35        | 234       | 7.77      | 66.4      | 15.9      | 2.4       | 0.28      | 251.5     |
| 1301790    |             | NAD 83 - 7 | 7187801  | 528092  | 789       | DAW12000173 | 307       | 7.6       | 2.4       | 610.7     | 31        | 25.56     | 62        | 187       | 2.93      | 39.3      | 11.61     | 1.1       | 0.14      | 123.1     |
| 1301791    |             | NAD 83 - 7 | 7187976  | 528000  | 803       | DAW12000173 | 4005      | 23.6      | 2.4       | 433.8     | 27.9      | 40.17     | 435       | 299       | 32.51     | 157.6     | 16.03     | 11.64     | 0.58      | 642.2     |
| 1301792    |             | NAD 83 - 7 | 7188064  | 527965  | 820       | DAW12000173 | 6777      | 34.9      | 4.1       | 241.3     | 46.7      | 56.13     | 702       | 54        | 31.58     | 157.9     | 19.74     | 13.57     | 0.69      | 742.9     |
| 1301793    |             | NAD 83 - 7 | 7187975  | 527573  | 739       | DAW12000173 | 889       | 13.7      | 0.3       | 313.4     | 23.3      | 20.74     | 107       | 187       | 19.57     | 60.5      | 13.03     | 6.19      | 0.4       | 368.6     |
| 1301794    |             | NAD 83 - 7 | 7188007  | 527670  | 767       | DAW12000173 | 254       | 18.8      | 1.3       | 79.9      | 22.8      | 15.78     | 15        | 22        | 25.42     | 57.6      | 11.23     | 8.42      | 0.38      | 309       |
| 1301795    |             | NAD 83 - 7 | 7188017  | 527768  | 799       | DAW12000173 | 2174      | 46.1      | 3.3       | 241.7     | 55.2      | 43.9      | 292       | 44        | 51.07     | 174       | 21.25     | 18.95     | 0.56      | 839.4     |
| 1301796    |             | NAD 83 - 7 | 7188036  | 527871  | 814       | DAW12000173 | 4028      | 39        | 3.6       | 280.3     | 44        | 63.51     | 400       | 153       | 40.24     | 211       | 18.42     | 15.81     | 0.94      | 1324.9    |
| 1301797    |             | NAD 83 - 7 | 7188271  | 527879  | 810       | DAW12000173 | 5122      | 119.9     | 18.4      | 4830.2    | 152.1     | 210.68    | 1043      | 86        | 294.91    | 204.4     | 22.23     | 23.2      | 4.07      | 713.4     |
| 1301798    |             | NAD 83 - 7 | 7188224  | 527967  | 820       | DAW12000173 | 2751      | 23.4      | 8.6       | 490.3     | 91.5      | 172.88    | 347       | 51        | 42.52     | 177.1     | 11.37     | 8.31      | 0.76      | 329.1     |
| 1301799    |             | NAD 83 - 7 | 7188152  | 528022  | 823       | DAW12000173 | 2666      | 24.1      | 1.4       | 316       | 26.1      | 48.47     | 404       | 53        | 20.75     | 111.9     | 10        | 3.77      | 0.46      | 733.4     |
| 1301800    |             | NAD 83 - 7 | 7188200  | 528119  | 817       | DAW12000173 | 8633      | 57.4      | 19.1      | 758.8     | 138.3     | 339.71    | 1268      | 71        | 157.53    | 366.9     | 16.68     | 20.41     | 1.35      | 1109.1    |
| 1301826    |             | NAD 83 - 7 | 7185742  | 530481  | 1061      | DAW12000173 | 114       | 12.3      | 1.6       | 141.2     | 27.5      | 24.89     | 32        | 266       | 2.15      | 35.5      | 13.04     | 0.82      | 0.17      | 93.6      |
| 1301827    |             | NAD 83 - 7 | 7185684  | 530572  | 1071      | DAW12000173 | 91        | 13.7      | 1.4       | 170.2     | 36.1      | 59.42     | 20        | 299       | 2.52      | 135.6     | 12.43     | 0.96      | 0.15      | 240.3     |
| 1301828    |             | NAD 83 - 7 | 7185603  | 530624  | 1079      | DAW12000173 | 145       | 12.3      | 1         | 330.8     | 28.4      | 22.97     | 41        | 137       | 2.34      | 31.3      | 12.26     | 0.78      | 0.19      | 86.6      |
| 1301829    |             | NAD 83 - 7 | 7185498  | 530645  | 1093      | DAW12000173 | 309       | 13.9      | 2.7       | 433.7     | 31.1      | 34.64     | 76        | 95        | 2.33      | 40.3      | 14.31     | 0.91      | 0.26      | 94        |
| 1301830    |             | NAD 83 - 7 | 7184576  | 530432  | 1043      | DAW12000173 | 92        | 8.7       | 9.3       | 106.7     | 22.5      | 15.08     | 47        | 206       | 2.37      | 38.5      | 11.9      | 0.57      | 0.18      | 113.4     |
| 1301831    |             | NAD 83 - 7 | 7184646  | 530507  | 1059      | DAW12000173 | 63        | 10.8      | 5.4       | 201.1     | 16.4      | 15.06     | 30        | 175       | 2.73      | 27.3      | 11.72     | 0.72      | 0.14      | 77.3      |
| 1301832    |             | NAD 83 - 7 | 7184732  | 530563  | 1078      | DAW12000173 | 142       | 19        | 5         | 355.2     | 21.9      | 40        | 59        | 273       | 4.41      | 48.1      | 13.86     | 1.35      | 0.2       | 142.1     |
| 1301833    |             | NAD 83 - 7 | 7184817  | 530622  | 1089      | DAW12000173 | 173       | 19.7      | 4.4       | 333.9     | 20        | 26.56     | 79        | 115       | 4.42      | 34.5      | 13.54     | 1.27      | 0.22      | 118.1     |
| 1301834    |             | NAD 83 - 7 | 7184970  | 530863  | 1116      | DAW12000173 | 303       | 24        | 5.1       | 465.9     | 19.9      | 33.06     | 112       | 187       | 6.66      | 51.8      | 16.03     | 2.3       | 0.28      | 213.7     |
| 1301835    |             | NAD 83 - 7 | 7185228  | 530926  | 1130      | DAW12000173 | 98        | 12.4      | 4.3       | 169.5     | 24.3      | 34.01     | 25        | 190       | 2.31      | 33.5      | 9.02      | 1.17      | 0.16      | 77.6      |
| 1301836    |             | NAD 83 - 7 | 7185314  | 530876  | 1121      | DAW12000173 | 235       | 9.5       | 2.8       | 279       | 26.7      | 36.02     | 58        | 114       | 2.37      | 36.7      | 10.15     | 0.87      | 0.18      | 72.5      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301837    |             | NAD 83 - 7 | 7185385  | 530799  | 1106      | DAW12000173 | 70        | 7.6       | 2.7       | 172.6     | 21.9      | 18.98     | 39        | 252       | 1.77      | 31.1      | 8.95      | 0.67      | 0.09      | 78.3      |
| 1301838    |             | NAD 83 - 7 | 7185471  | 530739  | 1094      | DAW12000173 | 313       | 12.2      | 4         | 375.5     | 31.9      | 39.46     | 95        | 115       | 4         | 51.7      | 17.26     | 1.68      | 0.27      | 120.2     |
| 1301839    | 25/07/2012  | NAD 83 - 7 | 7185234  | 525689  | 1059      | DAW12000183 | 1294      | 29.2      | 0.9       | 660.7     | 21.8      | 49.99     | 309       | 40        | 31.35     | 129.3     | 9.85      | 9.37      | 0.96      | 630.8     |
| 1301840    | 25/07/2012  | NAD 83 - 7 | 7185208  | 525789  | 1056      | DAW12000183 | 1203      | 24.4      | 1         | 351.6     | 18.3      | 43.42     | 327       | 41        | 29.99     | 114.5     | 9.09      | 8.29      | 1.04      | 464.3     |
| 1301841    | 25/07/2012  | NAD 83 - 7 | 7185181  | 525883  | 1049      | DAW12000183 | 1322      | 22.9      | 1.4       | 231.2     | 24.5      | 46.28     | 356       | 157       | 27.19     | 136.9     | 9.43      | 7.73      | 0.64      | 578.4     |
| 1301842    | 25/07/2012  | NAD 83 - 7 | 7185139  | 525975  | 1050      | DAW12000183 | 450       | 9.7       | 2.4       | 1912.1    | 33        | 30.83     | 71        | 282       | 2.33      | 41.2      | 12.82     | 1.55      | 0.14      | 124.7     |
| 1301843    | 25/07/2012  | NAD 83 - 7 | 7185070  | 526048  | 1059      | DAW12000183 | 621       | 9.3       | 2.8       | 921.3     | 35.1      | 29.41     | 84        | 320       | 2.72      | 50.2      | 11.63     | 1.69      | 0.23      | 170.5     |
| 1301844    | 25/07/2012  | NAD 83 - 7 | 7185057  | 526150  | 1062      | DAW12000183 | 276       | 10.9      | 2.2       | 256.3     | 32.9      | 27.95     | 81        | 412       | 1.59      | 33.7      | 14.15     | 0.82      | 0.15      | 103.9     |
| 1301845    | 25/07/2012  | NAD 83 - 7 | 7185044  | 526249  | 1076      | DAW12000183 | 244       | 11.7      | 2.8       | 217.9     | 27.6      | 26.54     | 114       | 514       | 1.89      | 31.5      | 18.01     | 0.89      | 0.17      | 114       |
| 1301846    | 25/07/2012  | NAD 83 - 7 | 7185022  | 526347  | 1102      | DAW12000183 | 120       | 11.5      | 3         | 49        | 6.5       | 6.31      | 417       | 216       | 1.24      | 14.5      | 16.72     | 1.5       | 0.35      | 76.9      |
| 1301847    | 25/07/2012  | NAD 83 - 7 | 7184977  | 526436  | 1120      | DAW12000183 | 138       | 7.5       | 11        | 109.3     | 15.1      | 10.46     | 58        | 365       | 2.02      | 18.1      | 14.43     | 0.77      | 0.13      | 63.9      |
| 1301848    | 25/07/2012  | NAD 83 - 7 | 7184893  | 526615  | 1185      | DAW12000183 | 114       | 6.7       | 1.9       | 87.9      | 17.8      | 12.05     | 38        | 377       | 1.9       | 18.1      | 7.51      | 0.68      | 0.07      | 49.4      |
| 1301849    | 25/07/2012  | NAD 83 - 7 | 7184874  | 526711  | 1202      | DAW12000183 | 208       | 11.7      | 7.7       | 152.5     | 27.6      | 23.14     | 71        | 649       | 2.34      | 30.6      | 13.19     | 0.97      | 0.13      | 91.7      |
| 1301850    | 25/07/2012  | NAD 83 - 7 | 7184866  | 526812  | 1213      | DAW12000183 | 143       | 7.7       | 2.1       | 62.5      | 12.5      | 11.28     | 43        | 224       | 3.7       | 21.7      | 7.07      | 0.96      | 0.1       | 58.2      |
| 1301876    | 25/07/2012  | NAD 83 - 7 | 7188298  | 526169  | 756       | DAW12000183 | 3287      | 15.1      | 1.1       | 425.3     | 26.1      | 65.72     | 280       | 61        | 17.53     | 51.2      | 19.09     | 20.28     | 0.84      | 263.2     |
| 1301877    | 25/07/2012  | NAD 83 - 7 | 7188240  | 526086  | 741       | DAW12000183 | 2467      | 37.4      | 3.2       | 850.7     | 23        | 113.19    | 227       | 25        | 32.24     | 33.3      | 16.54     | 9.34      | 2.47      | 41.6      |
| 1301878    | 25/07/2012  | NAD 83 - 7 | 7188152  | 526021  | 723       | DAW12000183 | 827       | 9.1       | 2.2       | 2121.9    | 28.2      | 34.39     | 104       | 109       | 4.9       | 38.2      | 14.14     | 4.25      | 0.3       | 169.8     |
| 1301879    | 25/07/2012  | NAD 83 - 7 | 7188101  | 525929  | 712       | DAW12000183 | 2280      | 20.6      | 1.9       | 792.6     | 30.7      | 44.45     | 270       | 88        | 15.54     | 31.6      | 14.28     | 13.44     | 0.99      | 142.1     |
| 1301880    | 25/07/2012  | NAD 83 - 7 | 7188036  | 525854  | 699       | DAW12000183 | 460       | 9.6       | 0.6       | 1177.4    | 21        | 16.54     | 42        | 166       | 6.89      | 35        | 14.71     | 2.14      | 0.21      | 163.5     |
| 1301881    | 25/07/2012  | NAD 83 - 7 | 7187985  | 525761  | 682       | DAW12000183 | 1472      | 11        | 2.2       | 1667.7    | 29.2      | 37.78     | 122       | 134       | 5.49      | 56.7      | 13.38     | 4.82      | 0.3       | 311.5     |
| 1301882    | 25/07/2012  | NAD 83 - 7 | 7187961  | 525660  | 676       | DAW12000183 | 1315      | 27.2      | 7         | 1622.2    | 18.7      | 30.76     | 195       | 95        | 10.13     | 32.5      | 13.72     | 6.09      | 0.85      | 90.6      |
| 1301883    | 25/07/2012  | NAD 83 - 7 | 7187821  | 525078  | 642       | DAW12000183 | 1317      | 11.2      | 3.5       | 1430.6    | 25.2      | 44.71     | 108       | 157       | 5.76      | 54.3      | 11.61     | 4.09      | 0.37      | 179.3     |
| 1301884    | 25/07/2012  | NAD 83 - 7 | 7187782  | 524986  | 636       | DAW12000183 | 1016      | 14.5      | 1.5       | 1753.2    | 26.1      | 39.31     | 116       | 119       | 6.79      | 46.8      | 12.84     | 3.52      | 0.46      | 180.6     |
| 1301885    | 25/07/2012  | NAD 83 - 7 | 7187706  | 524805  | 641       | DAW12000183 | 1910      | 7.1       | 2.6       | 1380.4    | 24.1      | 40.5      | 156       | 100       | 4.15      | 74.6      | 9.97      | 4.25      | 0.38      | 237.6     |
| 1301886    | 25/07/2012  | NAD 83 - 7 | 7187600  | 524641  | 672       | DAW12000183 | 128       | 8.4       | 0.6       | 298.7     | 13.2      | 30.02     | 25        | 93        | 2.6       | 30.2      | 14.26     | 0.89      | 0.16      | 77.2      |
| 1301887    | 25/07/2012  | NAD 83 - 7 | 7187514  | 524552  | 726       | DAW12000183 | 105       | 10.5      | 0.9       | 196.7     | 14.9      | 26.34     | 18        | 122       | 5.15      | 24.1      | 17.4      | 1.35      | 0.32      | 87.2      |
| 1301888    | 25/07/2012  | NAD 83 - 7 | 7187411  | 524534  | 737       | DAW12000183 | 386       | 23.6      | 1.5       | 534.5     | 8.9       | 37.88     | 98        | 31        | 12.29     | 22.6      | 15.81     | 3.06      | 0.98      | 81.7      |
| 1301889    | 25/07/2012  | NAD 83 - 7 | 7187927  | 525567  | 665       | DAW12000183 | 739       | 9.9       | 2.4       | 1557      | 25.2      | 36.99     | 88        | 508       | 3.75      | 43.7      | 13.64     | 2.45      | 0.22      | 134.4     |
| 1301890    | 25/07/2012  | NAD 83 - 7 | 7187309  | 524484  | 764       | DAW12000183 | 719       | 25.4      | 1.2       | 276.4     | 5.7       | 28.2      | 94        | 15        | 18.26     | 46.2      | 16.96     | 5.1       | 2.13      | 125.4     |
| 1301891    | 26/07/2012  | NAD 83 - 7 | 7187693  | 522403  | 726       | DAW12000183 | 447       | 20.9      | 1.3       | 997.2     | 13        | 74.88     | 158       | 36        | 25.03     | 100.5     | 37        | 3.03      | 1.51      | 435.1     |
| 1301892    | 26/07/2012  | NAD 83 - 7 | 7187594  | 522422  | 742       | DAW12000183 | 281       | 11.5      | 3.8       | 479.4     | 25        | 15.86     | 45        | 187       | 5.31      | 93.9      | 16.83     | 1.3       | 0.26      | 600.5     |
| 1301893    | 26/07/2012  | NAD 83 - 7 | 7187498  | 522451  | 751       | DAW12000183 | 367       | 7.3       | 2.8       | 662.1     | 23.5      | 16.85     | 52        | 158       | 2.93      | 44.6      | 14.29     | 1.09      | 0.38      | 237.3     |
| 1301894    | 26/07/2012  | NAD 83 - 7 | 7187394  | 522478  | 760       | DAW12000183 | 1096      | 11.8      | 2.8       | 1091.5    | 28.8      | 25.4      | 65        | 316       | 2.45      | 43.3      | 16.61     | 1.88      | 0.3       | 180.2     |
| 1301895    | 26/07/2012  | NAD 83 - 7 | 7187296  | 522473  | 779       | DAW12000183 | 987       | 6.6       | 2.8       | 980       | 20.2      | 27.33     | 81        | 199       | 1.27      | 33.4      | 12.9      | 2.09      | 0.37      | 125.7     |
| 1301896    | 26/07/2012  | NAD 83 - 7 | 7187200  | 522437  | 804       | DAW12000183 | 1593      | 17        | 8.1       | 1007.1    | 14.7      | 31.6      | 171       | 130       | 7.44      | 46.1      | 31.54     | 4.26      | 1.66      | 223.7     |
| 1301897    | 26/07/2012  | NAD 83 - 7 | 7187110  | 522384  | 825       | DAW12000183 | 264       | 8.1       | 1.2       | 287       | 21.3      | 13.97     | 43        | 317       | 2.47      | 28.2      | 20.24     | 1.08      | 0.24      | 118.7     |
| 1301898    | 26/07/2012  | NAD 83 - 7 | 7187007  | 522393  | 838       | DAW12000183 | 222       | 16.5      | 1         | 483.9     | 35.5      | 17.74     | 36        | 421       | 7.12      | 120.2     | 21.16     | 4.6       | 0.39      | 994.4     |
| 1301899    | 26/07/2012  | NAD 83 - 7 | 7186906  | 522397  | 853       | DAW12000183 | 146       | 11.5      | 1.7       | 1341.6    | 29.4      | 20.11     | 31        | 243       | 3.23      | 33.7      | 11.87     | 1.34      | 0.2       | 114.1     |
| 1301900    | 26/07/2012  | NAD 83 - 7 | 7186804  | 522380  | 866       | DAW12000183 | 120       | 13.6      | 2         | 323.7     | 32.6      | 17.59     | 20        | 306       | 2.76      | 39.9      | 14.57     | 1.24      | 0.19      | 84.4      |
| 1301901    | 25/07/2012  | NAD 83 - 7 | 7186685  | 527475  | 879       | DAW12000183 | 275       | 19.1      | 2.9       | 521.2     | 13.2      | 31.82     | 146       | 122       | 6.36      | 21        | 16.82     | 1.08      | 0.29      | 80.6      |
| 1301902    | 25/07/2012  | NAD 83 - 7 | 7186506  | 527819  | 975       | DAW12000183 | 563       | 12.2      | 2.2       | 557.5     | 23        | 35.95     | 131       | 166       | 3.87      | 47.8      | 19.83     | 1.56      | 0.23      | 188.4     |
| 1301903    | 25/07/2012  | NAD 83 - 7 | 7186585  | 527755  | 955       | DAW12000183 | 395       | 12.3      | 1.9       | 1579      | 17.5      | 28.55     | 79        | 194       | 4.78      | 40.8      | 14.22     | 1.68      | 0.29      | 143.3     |
| 1301904    | 26/07/2012  | NAD 83 - 7 | 7187507  | 525442  | 659       | DAW12000183 | 347       | 15.2      | 1.8       | 718.1     | 14.2      | 29.99     | 83        | 46        | 6.59      | 19.4      | 14.18     | 2         | 0.42      | 61.2      |
| 1301905    | 26/07/2012  | NAD 83 - 7 | 7187425  | 525425  | 660       | DAW12000183 | 397       | 12.1      | 0.9       | 921.1     | 10        | 24.94     | 42        | 64        | 6.72      | 23.5      | 11.4      | 2.4       | 0.52      | 79.7      |
| 1301906    | 26/07/2012  | NAD 83 - 7 | 7187322  | 525436  | 670       | DAW12000183 | 306       | 13.3      | 2.6       | 253.6     | 11.9      | 26.88     | 60        | 49        | 5.9       | 17.1      | 13.03     | 1.94      | 0.43      | 60.8      |
| 1301907    | 26/07/2012  | NAD 83 - 7 | 7187228  | 525403  | 678       | DAW12000183 | 321       | 37.4      | 1.8       | 368.2     | 12.3      | 26.61     | 120       | 12        | 8.9       | 9.7       | 49.71     | 2.22      | 0.6       | 32.5      |
| 1301908    | 26/07/2012  | NAD 83 - 7 | 7187129  | 525393  | 695       | DAW12000183 | 135       | 10.9      | 0.6       | 153.1     | 6.1       | 18.83     | 42        | 12        | 8.84      | 9.1       | 25.84     | 1.9       | 0.43      | 25.8      |
| 1301909    | 26/07/2012  | NAD 83 - 7 | 7187034  | 525358  | 705       | DAW12000183 | 100       | 8.3       | 3.1       | 220.2     | 5         | 17.66     | 16        | 15        | 8.09      | 13.6      | 10.9      | 2.59      | 0.25      | 40.8      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1301910    | 26/07/2012  | NAD 83 - 7 | 7186965  | 525277  | 722       | DAW12000183 | 399       | 19.4      | 3.8       | 668.2     | 12.1      | 43.75     | 140       | 266       | 8.36      | 40.2      | 18.62     | 1.67      | 1.05      | 86.7      |
| 1301911    | 26/07/2012  | NAD 83 - 7 | 7186877  | 525239  | 737       | DAW12000183 | 505       | 6         | 1.1       | 203       | 5.8       | 8.27      | 15        | 14        | 7.89      | 11.2      | 8.83      | 1.76      | 0.26      | 31.9      |
| 1301912    | 26/07/2012  | NAD 83 - 7 | 7186783  | 525248  | 736       | DAW12000183 | 48        | 9.6       | 0.7       | 222       | 4.7       | 8.99      | 20        | 14        | 9.7       | 9.1       | 9.55      | 1.61      | 0.54      | 19.8      |
| 1301913    | 26/07/2012  | NAD 83 - 7 | 7186685  | 525248  | 747       | DAW12000183 | 452       | 35.9      | 0.9       | 602.3     | 6.6       | 30.63     | 95        | 11        | 16.74     | 14.5      | 17.45     | 2.5       | 0.89      | 31.4      |
| 1301914    | 26/07/2012  | NAD 83 - 7 | 7186581  | 525243  | 776       | DAW12000183 | 840       | 18        | 0.7       | 396       | 10.4      | 32.41     | 79        | 10        | 13.26     | 12.6      | 21.27     | 4.28      | 1.88      | 28        |
| 1301915    | 26/07/2012  | NAD 83 - 7 | 7186483  | 525230  | 814       | DAW12000183 | 441       | 95.5      | 2.4       | 332       | 17.8      | 23.25     | 91        | 11        | 37.22     | 5.3       | 19.06     | 7.87      | 2.65      | 19.6      |
| 1301916    | 26/07/2012  | NAD 83 - 7 | 7186393  | 525270  | 820       | DAW12000183 | 462       | 6.3       | 1.3       | 421.9     | 5         | 46.5      | 112       | 4         | 11.13     | 11.2      | 9.53      | 2.6       | 2.28      | 19.1      |
| 1301917    | 26/07/2012  | NAD 83 - 7 | 7186298  | 525312  | 844       | DAW12000183 | 706       | 26.6      | 0.9       | 424.7     | 15.1      | 84.73     | 143       | 291       | 27.36     | 184.4     | 9.48      | 5.11      | 2.82      | 610.7     |
| 1301918    | 26/07/2012  | NAD 83 - 7 | 7186194  | 525330  | 878       | DAW12000183 | 2122      | 16.2      | 1.7       | 1959.3    | 9         | 54.38     | 108       | 146       | 11.65     | 75.9      | 17.7      | 15.8      | 1.25      | 526.2     |
| 1301919    | 26/07/2012  | NAD 83 - 7 | 7186087  | 525344  | 892       | DAW12000183 | 530       | 23.3      | 4.9       | 1237.6    | 19.4      | 57.94     | 211       | 289       | 7.59      | 81.6      | 23.24     | 1.77      | 1.03      | 208.7     |
| 1301920    | 26/07/2012  | NAD 83 - 7 | 7186013  | 525319  | 910       | DAW12000183 | 62        | 6.1       | 2.1       | 1786.5    | 12        | 28.63     | 75        | 69        | 1.18      | 21.4      | 15.04     | 0.73      | 0.08      | 61.2      |
| 1301921    | 26/07/2012  | NAD 83 - 7 | 7186332  | 525123  | 770       | DAW12000183 | 1014      | 120.5     | 1.7       | 213       | 59.2      | 309.23    | 153       | 65        | 38.13     | 107.5     | 20.9      | 6.43      | 3.52      | 212.4     |
| 1301922    | 26/07/2012  | NAD 83 - 7 | 7186325  | 525069  | 789       | DAW12000183 | 649       | 46.7      | 1.4       | 421       | 16.6      | 61.53     | 100       | 189       | 20.7      | 76.7      | 15.42     | 4.55      | 1.54      | 286.7     |
| 1301923    | 26/07/2012  | NAD 83 - 7 | 7186571  | 525137  | 771       | DAW12000183 | 645       | 14.4      | 1.2       | 465.5     | 7.6       | 28.1      | 124       | 7         | 17.07     | 13.9      | 24.86     | 3.78      | 0.98      | 23        |
| 1301924    | 26/07/2012  | NAD 83 - 7 | 7186656  | 525086  | 747       | DAW12000183 | 626       | 15.9      | 1.6       | 925       | 8.4       | 30.73     | 100       | 20        | 15.11     | 22.4      | 16.6      | 3.58      | 1.06      | 59.8      |
| 1301925    | 26/07/2012  | NAD 83 - 7 | 7186719  | 525009  | 723       | DAW12000183 | 553       | 15.4      | 2.2       | 575.8     | 9.1       | 43.37     | 121       | 17        | 11.46     | 15.1      | 16.8      | 2.88      | 0.94      | 47.5      |
| 1301926    | 26/07/2012  | NAD 83 - 7 | 7186796  | 524942  | 706       | DAW12000183 | 265       | 24.3      | 1.1       | 625.2     | 13.9      | 42.61     | 208       | 10        | 8.1       | 7.2       | 15.08     | 1.68      | 0.59      | 21.9      |
| 1301927    | 26/07/2012  | NAD 83 - 7 | 7186830  | 524908  | 680       | DAW12000183 | 834       | 35.2      | 2.3       | 151.3     | 14.8      | 88.29     | 125       | 58        | 15.64     | 47.4      | 17.34     | 4.32      | 1.32      | 177.3     |
| 1301928    | 27/07/2012  | NAD 83 - 7 | 7186881  | 523832  | 684       | DAW12000183 | 259       | 100.1     | 2.8       | 119.5     | 25.2      | 81.99     | 387       | 12        | 41.5      | 9.6       | 26.01     | 2.64      | 3.23      | 64.5      |
| 1301929    | 27/07/2012  | NAD 83 - 7 | 7186781  | 523847  | 699       | DAW12000183 | 382       | 15.9      | 1         | 426.8     | 6.6       | 31.11     | 111       | 14        | 13.56     | 13.4      | 36.67     | 2.89      | 1.21      | 47.2      |
| 1301930    | 27/07/2012  | NAD 83 - 7 | 7186679  | 523870  | 720       | DAW12000183 | 420       | 19        | 1.4       | 296.4     | 8         | 44.01     | 103       | 17        | 10.3      | 15.1      | 40.44     | 2.38      | 0.73      | 39.5      |
| 1301931    | 27/07/2012  | NAD 83 - 7 | 7186595  | 523924  | 749       | DAW12000183 | 804       | 20.9      | 0.5       | 445.1     | 7.2       | 31.51     | 59        | 29        | 13.21     | 19.2      | 18.23     | 3.24      | 1.69      | 96.7      |
| 1301932    | 27/07/2012  | NAD 83 - 7 | 7186503  | 523961  | 781       | DAW12000183 | 518       | 17.3      | 1.2       | 541.4     | 6.4       | 12.59     | 89        | 20        | 10.67     | 13.1      | 22.09     | 2.87      | 1.33      | 45.2      |
| 1301933    | 27/07/2012  | NAD 83 - 7 | 7186407  | 523965  | 815       | DAW12000183 | 213       | 4.6       | 1.2       | 1959.8    | 16.8      | 16.65     | 69        | 272       | 0.65      | 16.6      | 16.43     | 1.12      | 0.21      | 91.1      |
| 1302054    | 24/06/2012  | NAD 83 - 7 | 7182980  | 506611  | 467       | DAW12000088 | 116       | 13        | 2.8       | 454       | 28.1      | 37.31     | 40        | 117       | 4.92      | 29.7      | 12.65     | 1.76      | 0.37      | 96        |
| 1302055    | 24/06/2012  | NAD 83 - 7 | 7182897  | 506676  | 507       | DAW12000088 | 214       | 17.3      | 4.1       | 394.6     | 24.1      | 55.06     | 41        | 110       | 10.52     | 46        | 30.39     | 4.03      | 1.23      | 265.2     |
| 1302056    | 24/06/2012  | NAD 83 - 7 | 7182810  | 506751  | 535       | DAW12000088 | 551       | 20.5      | 1.2       | 416.5     | 27.9      | 40.66     | 55        | 157       | 12.21     | 46.7      | 17.92     | 2.56      | 0.83      | 272.2     |
| 1302057    | 24/06/2012  | NAD 83 - 7 | 7182752  | 506847  | 563       | DAW12000088 | 233       | 14.5      | 4         | 545.8     | 33.6      | 35.27     | 38        | 276       | 6.27      | 37.3      | 14.38     | 2.11      | 0.41      | 155.9     |
| 1302058    | 24/06/2012  | NAD 83 - 7 | 7182713  | 506948  | 600       | DAW12000088 | 447       | 50.2      | 15.7      | 626.6     | 58.4      | 261.72    | 182       | 1574      | 5.87      | 146.2     | 21.9      | 3.99      | 0.5       | 998.4     |
| 1302059    | 24/06/2012  | NAD 83 - 7 | 7182706  | 507050  | 594       | DAW12000088 | 521       | 66.7      | 11.2      | 488.5     | 45.3      | 30.83     | 115       | 107       | 11.62     | 21.5      | 38.93     | 4.94      | 0.98      | 155.1     |
| 1302060    | 24/06/2012  | NAD 83 - 7 | 7182709  | 507107  | 598       | DAW12000088 | 1892      | 67.6      | 79.4      | 154.2     | 44.3      | 166.34    | 959       | 364       | 1.41      | 24.8      | 58.49     | 10.92     | 1.72      | 350.1     |
| 1302061    | 24/06/2012  | NAD 83 - 7 | 7182707  | 507199  | 592       | DAW12000088 | 1938      | 135.3     | 11.6      | 654.7     | 40.9      | 113.44    | 126       | 248       | 10.49     | 85        | 35.74     | 4.37      | 0.51      | 549.7     |
| 1302062    | 24/06/2012  | NAD 83 - 7 | 7182716  | 507313  | 585       | DAW12000088 | 225       | 10.8      | 3.7       | 763.4     | 18.5      | 34.68     | 30        | 58        | 7.8       | 19.4      | 19.04     | 3.66      | 0.69      | 115.4     |
| 1302063    | 24/06/2012  | NAD 83 - 7 | 7182743  | 507463  | 618       | DAW12000088 | 218       | 10        | 2.8       | 645.3     | 21.1      | 26.75     | 42        | 109       | 7.47      | 17.5      | 17.03     | 2.35      | 0.81      | 103.4     |
| 1302064    | 24/06/2012  | NAD 83 - 7 | 7182735  | 507561  | 633       | DAW12000088 | 249       | 14.9      | 1.2       | 943       | 12.8      | 33.47     | 52        | 84        | 5.83      | 21.9      | 15.64     | 2.06      | 0.41      | 89.1      |
| 1302065    | 24/06/2012  | NAD 83 - 7 | 7183581  | 507328  | 673       | DAW12000088 | 131       | 8.8       | 2         | 319.9     | 12.8      | 26.52     | 115       | 162       | 0.9       | 79.8      | 17.43     | 0.59      | 0.8       | 99.5      |
| 1302066    | 24/06/2012  | NAD 83 - 7 | 7183481  | 507383  | 643       | DAW12000088 | 1096      | 25        | 1.5       | 1259.6    | 30.8      | 41.92     | 64        | 86        | 3.49      | 35.1      | 18.04     | 1.5       | 0.33      | 151.3     |
| 1302067    | 24/06/2012  | NAD 83 - 7 | 7183407  | 507464  | 647       | DAW12000088 | 206       | 14        | 0.9       | 424.2     | 28.1      | 26.42     | 24        | 93        | 6.32      | 20.5      | 16.53     | 2.28      | 0.48      | 114.6     |
| 1302068    | 24/06/2012  | NAD 83 - 7 | 7183303  | 507524  | 651       | DAW12000088 | 596       | 89        | 2         | 908.5     | 32.9      | 36.55     | 54        | 86        | 5.68      | 26.5      | 23.32     | 5.24      | 0.45      | 117.3     |
| 1302069    | 24/06/2012  | NAD 83 - 7 | 7183204  | 507578  | 652       | DAW12000088 | 219       | 9.3       | 1         | 775.7     | 20.7      | 37.24     | 73        | 55        | 5.64      | 26.6      | 11.65     | 1.57      | 0.54      | 74.7      |
| 1302070    | 24/06/2012  | NAD 83 - 7 | 7183093  | 507608  | 650       | DAW12000088 | 201       | 9.1       | 0.1       | 495.1     | 18.5      | 20.09     | 27        | 85        | 4.77      | 14        | 14.43     | 1.6       | 0.33      | 68.1      |
| 1302071    | 24/06/2012  | NAD 83 - 7 | 7182989  | 507634  | 637       | DAW12000088 | 339       | 10.3      | 0.9       | 810.4     | 7.7       | 59.3      | 74        | 54        | 5.63      | 48.7      | 19.37     | 2.53      | 0.55      | 300.7     |
| 1302072    | 24/06/2012  | NAD 83 - 7 | 7182871  | 507629  | 631       | DAW12000088 | 181       | 16.8      | 2.5       | 453.6     | 40        | 32.46     | 46        | 145       | 10.53     | 27.9      | 21.18     | 2.97      | 0.81      | 132.7     |
| 1302073    | 25/06/2012  | NAD 83 - 7 | 7184087  | 506669  | 515       | DAW12000088 | 35        | 8.5       | 0.1       | 297.6     | 15.4      | 30.68     | 21        | 508       | 1.74      | 26.3      | 54.75     | 0.34      | 0.21      | 439.2     |
| 1302074    | 25/06/2012  | NAD 83 - 7 | 7183998  | 506731  | 546       | DAW12000088 | 208       | 9.3       | 0.1       | 236.8     | 19.3      | 34.95     | 18        | 703       | 3.52      | 29.8      | 66.58     | 0.78      | 0.6       | 706.2     |
| 1302075    | 25/06/2012  | NAD 83 - 7 | 7183922  | 506824  | 585       | DAW12000088 | 13        | 10.7      | 0.1       | 135.9     | 26        | 9.92      | 9         | 461       | 0.57      | 39        | 7.98      | 0.24      | 0.17      | 74.5      |
| 1302076    | 25/06/2012  | NAD 83 - 7 | 7183845  | 506891  | 624       | DAW12000088 | 33        | 3         | 0.9       | 457.9     | 294.8     | 54.17     | 26        | 958       | 1.09      | 273.1     | 23.66     | 0.28      | 0.33      | 132.9     |
| 1302077    | 25/06/2012  | NAD 83 - 7 | 7183796  | 506921  | 641       | DAW12000088 | 67        | 1.7       | 1.3       | 290.3     | 208.6     | 57.76     | 64        | 1534      | 1.94      | 266.9     | 125.48    | 0.33      | 0.59      | 909.5     |



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302078    | 25/06/2012  | NAD 83 - 7 | 7183765  | 507030  | 662       | DAW12000088 | 50        | 5         | 0.2       | 639.9     | 288.9     | 69.83     | 49        | 1656      | 1.84      | 247.6     | 178.25    | 0.5       | 1.73      | 815.6     |
| 1302079    | 25/06/2012  | NAD 83 - 7 | 7183767  | 507080  | 687       | DAW12000088 | 37        | 0.8       | 0.6       | 416.8     | 287.2     | 56.91     | 73        | 525       | 0.39      | 240.2     | 96.25     | 0.23      | 1.84      | 552.7     |
| 1302080    | 25/06/2012  | NAD 83 - 7 | 7184003  | 507343  | 514       | DAW12000088 | 175       | 3.5       | 0.1       | 423.4     | 137.6     | 23.72     | 24        | 543       | 1.53      | 159.6     | 24.15     | 0.44      | 0.41      | 90        |
| 1302081    | 25/06/2012  | NAD 83 - 7 | 7183966  | 507246  | 569       | DAW12000088 | 93        | 0.2       | 0.3       | 339.1     | 128.2     | 39.43     | 19        | 231       | 0.14      | 207.1     | 16.74     | 0.09      | 0.99      | 111.3     |
| 1302082    | 25/06/2012  | NAD 83 - 7 | 7183926  | 507208  | 592       | DAW12000088 | 49        | 1         | 0.6       | 459.9     | 144.6     | 33.97     | 71        | 495       | 0.84      | 182.6     | 122.01    | 0.3       | 0.89      | 1448.2    |
| 1302083    | 25/06/2012  | NAD 83 - 7 | 7183872  | 507171  | 627       | DAW12000088 | 75        | 7.9       | 0.9       | 644.9     | 159.4     | 43.98     | 44        | 558       | 1.66      | 215.8     | 18.04     | 0.33      | 0.76      | 251.7     |
| 1302084    | 25/06/2012  | NAD 83 - 7 | 7183718  | 507123  | 675       | DAW12000088 | 35        | 1.9       | 0.3       | 631.5     | 302.4     | 71.91     | 77        | 1474      | 1.02      | 211.7     | 131.87    | 0.31      | 1         | 1109.1    |
| 1302085    | 25/06/2012  | NAD 83 - 7 | 7183645  | 507195  | 649       | DAW12000088 | 92        | 9.6       | 2.6       | 449.8     | 103.9     | 67.54     | 2608      | 1910      | 3.08      | 221.7     | 932.18    | 1.04      | 1.61      | 3049.5    |
| 1302087    | 26/06/2012  | NAD 83 - 7 | 7182410  | 506598  | 466       | DAW12000088 | 1893      | 98.8      | 24.3      | 486.6     | 43.6      | 76.15     | 242       | 1339      | 25.75     | 171.1     | 74.39     | 9.36      | 1.48      | 1498.6    |
| 1302088    | 26/06/2012  | NAD 83 - 7 | 7182818  | 506509  | 416       | DAW12000088 | 594       | 9.7       | 3         | 651.3     | 18.3      | 31.83     | 40        | 186       | 5.33      | 29.2      | 21.28     | 2.22      | 0.54      | 185.8     |
| 1302089    | 26/06/2012  | NAD 83 - 7 | 7182923  | 506500  | 413       | DAW12000088 | 584       | 10.2      | 5.3       | 806.9     | 18.8      | 48.34     | 106       | 244       | 6.54      | 41.5      | 25.27     | 2.58      | 0.76      | 175.2     |
| 1302090    | 26/06/2012  | NAD 83 - 7 | 7183025  | 506504  | 405       | DAW12000088 | 499       | 12.2      | 3.6       | 748.5     | 23.8      | 51.97     | 90        | 120       | 8.47      | 43.9      | 21.01     | 3.12      | 0.62      | 150.3     |
| 1302091    | 26/06/2012  | NAD 83 - 7 | 7183199  | 506510  | 397       | DAW12000088 | 418       | 14        | 2.7       | 811.6     | 21.6      | 41.89     | 91        | 336       | 6.86      | 43.7      | 21.1      | 2.37      | 0.9       | 125.1     |
| 1302092    | 26/06/2012  | NAD 83 - 7 | 7183304  | 506484  | 391       | DAW12000088 | 633       | 16        | 3.4       | 670.8     | 25.2      | 50.5      | 93        | 87        | 7.84      | 46.8      | 27.62     | 3.33      | 0.75      | 169.6     |
| 1302093    | 26/06/2012  | NAD 83 - 7 | 7183412  | 506500  | 395       | DAW12000088 | 818       | 29.7      | 3.7       | 466.7     | 23.4      | 44.84     | 104       | 161       | 7.19      | 27.9      | 24.36     | 3.91      | 0.8       | 183.5     |
| 1302094    | 26/06/2012  | NAD 83 - 7 | 7183519  | 506511  | 386       | DAW12000088 | 490       | 16.4      | 4.4       | 1013.2    | 30.7      | 37.51     | 79        | 220       | 5.05      | 30.9      | 18.91     | 2.4       | 0.38      | 116.8     |
| 1302095    | 26/06/2012  | NAD 83 - 7 | 7183669  | 506522  | 390       | DAW12000088 | 474       | 8.8       | 3.8       | 1309.4    | 60.4      | 58.52     | 176       | 747       | 6.21      | 598.3     | 15.57     | 2.16      | 0.81      | 1139.9    |
| 1302096    | 26/06/2012  | NAD 83 - 7 | 7183788  | 506511  | 385       | DAW12000088 | 648       | 29        | 3.3       | 666.6     | 32.5      | 42.24     | 44        | 130       | 6.6       | 43.5      | 22.64     | 3.45      | 0.71      | 158.6     |
| 1302097    | 26/06/2012  | NAD 83 - 7 | 7183888  | 506464  | 361       | DAW12000088 | 225       | 10        | 0.6       | 266       | 15.9      | 20.4      | 72        | 1200      | 1.39      | 35.9      | 245.94    | 0.56      | 0.63      | 835.7     |
| 1302098    | 26/06/2012  | NAD 83 - 7 | 7183996  | 506437  | 361       | DAW12000088 | 77        | 24.8      | 0.1       | 359.2     | 64.2      | 33.47     | 28        | 1350      | 1.49      | 97.8      | 181.93    | 0.52      | 0.84      | 609.2     |
| 1302099    | 26/06/2012  | NAD 83 - 7 | 7183913  | 506369  | 393       | DAW12000088 | 170       | 4.5       | 1.2       | 468       | 27.7      | 23.23     | 79        | 928       | 1.34      | 49.4      | 75.07     | 0.49      | 0.9       | 448.8     |
| 1302100    | 26/06/2012  | NAD 83 - 7 | 7183779  | 506377  | 384       | DAW12000088 | 177       | 9.9       | 1.1       | 643.3     | 22.4      | 23.66     | 24        | 117       | 4.36      | 24.7      | 16.47     | 1.58      | 0.3       | 111.9     |
| 1302126    | 24/06/2012  | NAD 83 - 7 | 7181431  | 506688  | 563       | DAW12000088 | 172       | 6.4       | 6.7       | 120.8     | 20.2      | 36.15     | 33        | 222       | 2.19      | 23.9      | 17.81     | 1.1       | 0.12      | 69.6      |
| 1302127    | 24/06/2012  | NAD 83 - 7 | 7181367  | 506767  | 579       | DAW12000088 | 374       | 13.8      | 1.3       | 249.6     | 28.3      | 65.87     | 48        | 568       | 10.9      | 60.7      | 25.39     | 3.81      | 0.27      | 628.7     |
| 1302128    | 24/06/2012  | NAD 83 - 7 | 7181293  | 506837  | 588       | DAW12000088 | 656       | 20        | 2.2       | 168.7     | 25        | 74.86     | 57        | 345       | 15.13     | 46.5      | 20.59     | 5.74      | 0.44      | 329.4     |
| 1302129    | 24/06/2012  | NAD 83 - 7 | 7181234  | 506923  | 608       | DAW12000088 | 433       | 11.2      | 0.4       | 370.3     | 18.2      | 38.93     | 122       | 502       | 17.03     | 91.1      | 26.14     | 4.69      | 0.32      | 308.8     |
| 1302130    | 24/06/2012  | NAD 83 - 7 | 7181156  | 506985  | 642       | DAW12000088 | 74        | 6         | 0.2       | 134.3     | 20.7      | 14.67     | 9         | 128       | 1.88      | 13.2      | 15.85     | 0.79      | 0.13      | 68        |
| 1302131    | 24/06/2012  | NAD 83 - 7 | 7181085  | 507055  | 689       | DAW12000088 | 164       | 8.7       | 1         | 175.2     | 38.8      | 58.13     | 40        | 425       | 2.71      | 80.4      | 61.95     | 0.93      | 0.3       | 196.7     |
| 1302132    | 24/06/2012  | NAD 83 - 7 | 7180997  | 507108  | 728       | DAW12000088 | 36        | 3.6       | 0.7       | 147.1     | 25.1      | 21.85     | 17        | 399       | 1.25      | 19.8      | 18.33     | 0.57      | 0.14      | 61.1      |
| 1302133    | 24/06/2012  | NAD 83 - 7 | 7180912  | 507159  | 767       | DAW12000088 | 56        | 4.4       | 2         | 140.9     | 17.4      | 16.47     | 28        | 461       | 1.31      | 12.7      | 13.39     | 0.5       | 0.13      | 50        |
| 1302134    | 24/06/2012  | NAD 83 - 7 | 7180806  | 507197  | 810       | DAW12000088 | 41        | 5.2       | 0.5       | 147.4     | 20.1      | 12.55     | 12        | 235       | 1.03      | 13.3      | 10.05     | 0.45      | 0.12      | 43.4      |
| 1302135    | 24/06/2012  | NAD 83 - 7 | 7180708  | 507172  | 859       | DAW12000088 | 124       | 7         | 2.2       | 261.3     | 22.2      | 37.41     | 27        | 833       | 0.93      | 24.3      | 28.36     | 0.31      | 0.18      | 68.5      |
| 1302136    | 24/06/2012  | NAD 83 - 7 | 7180621  | 507132  | 906       | DAW12000088 | 87        | 18.1      | 0.9       | 243.7     | 21.1      | 23.27     | 33        | 549       | 1.7       | 19.1      | 32.1      | 0.52      | 0.12      | 79.4      |
| 1302137    | 24/06/2012  | NAD 83 - 7 | 7180510  | 507135  | 937       | DAW12000088 | 39        | 5.7       | 0.3       | 272.2     | 25.4      | 34.64     | 18        | 539       | 0.58      | 43.3      | 7.96      | 0.31      | 0.11      | 66        |
| 1302138    | 24/06/2012  | NAD 83 - 7 | 7180410  | 507149  | 972       | DAW12000088 | 47        | 3.2       | 2.3       | 399.7     | 21.2      | 45.29     | 20        | 538       | 0.98      | 19.7      | 14.47     | 0.31      | 0.15      | 55.8      |
| 1302139    | 24/06/2012  | NAD 83 - 7 | 7180269  | 507188  | 1009      | DAW12000088 | 55        | 9.4       | 2         | 170.4     | 25.2      | 17.65     | 26        | 167       | 1.64      | 19        | 30.54     | 0.67      | 0.15      | 52.3      |
| 1302140    | 24/06/2012  | NAD 83 - 7 | 7180191  | 507255  | 985       | DAW12000088 | 122       | 6.6       | 0.8       | 265.9     | 27.7      | 15.98     | 46        | 920       | 1.63      | 24.2      | 17.02     | 0.62      | 0.21      | 71.9      |
| 1302141    | 24/06/2012  | NAD 83 - 7 | 7180105  | 507316  | 965       | DAW12000088 | 58        | 8.7       | 0.9       | 152.2     | 33        | 18.61     | 28        | 307       | 1.78      | 25.9      | 14.39     | 0.74      | 0.18      | 64.8      |
| 1302142    | 24/06/2012  | NAD 83 - 7 | 7180048  | 507401  | 966       | DAW12000088 | 41        | 7.7       | 2.9       | 97.4      | 21        | 15.61     | 19        | 170       | 1.8       | 15.3      | 16.37     | 0.55      | 0.2       | 66        |
| 1302143    | 24/06/2012  | NAD 83 - 7 | 7180411  | 507761  | 979       | DAW12000088 | 62        | 5.1       | 0.8       | 292.1     | 22.9      | 19.28     | 39        | 261       | 1.44      | 18.6      | 11.9      | 0.48      | 0.16      | 51.4      |
| 1302144    | 24/06/2012  | NAD 83 - 7 | 7180489  | 507696  | 930       | DAW12000088 | 48        | 7.5       | 0.7       | 177       | 23.1      | 23.41     | 39        | 209       | 1.57      | 17.5      | 24.66     | 0.47      | 0.14      | 54.2      |
| 1302145    | 24/06/2012  | NAD 83 - 7 | 7180573  | 507640  | 876       | DAW12000088 | 53        | 5.2       | 0.3       | 152.4     | 17.1      | 15.65     | 35        | 358       | 0.92      | 12.7      | 15.57     | 0.33      | 0.11      | 44.7      |
| 1302146    | 24/06/2012  | NAD 83 - 7 | 7180666  | 507616  | 818       | DAW12000088 | 156       | 3.8       | 0.6       | 488.8     | 25.5      | 80.61     | 78        | 506       | 1.57      | 26.2      | 46.42     | 0.45      | 0.17      | 67.9      |
| 1302147    | 25/06/2012  | NAD 83 - 7 | 7180930  | 507879  | 780       | DAW12000088 | 334       | 6.3       | 22.3      | 270.6     | 25        | 38.5      | 218       | 68        | 2.1       | 18.2      | 68.89     | 1.44      | 0.38      | 93.6      |
| 1302148    | 25/06/2012  | NAD 83 - 7 | 7180904  | 507976  | 837       | DAW12000088 | 288       | 5.6       | 1.5       | 352.6     | 19        | 39.25     | 63        | 612       | 0.57      | 33.5      | 38.91     | 0.56      | 0.19      | 132.4     |
| 1302149    | 25/06/2012  | NAD 83 - 7 | 7180881  | 508071  | 900       | DAW12000088 | 132       | 5.7       | 0.5       | 200.8     | 22.7      | 35.35     | 52        | 419       | 1.01      | 28.1      | 32.18     | 0.52      | 0.24      | 202.9     |
| 1302150    | 25/06/2012  | NAD 83 - 7 | 7180923  | 508168  | 936       | DAW12000088 | 104       | 3.9       | 0.7       | 244.4     | 26.2      | 47.1      | 34        | 199       | 0.9       | 25.9      | 20.36     | 0.33      | 0.15      | 171.1     |
| 1302151    | 25/06/2012  | NAD 83 - 7 | 7180860  | 508250  | 932       | DAW12000088 | 1126      | 14.4      | 2.3       | 362.4     | 26.8      | 172.59    | 907       | 13        | 26.24     | 61.7      | 84.61     | 2.42      | 0.29      | 52.2      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302152    | 25/06/2012  | NAD 83 - 7 | 7180801  | 508331  | 958       | DAW12000088 | 510       | 14.7      | 8.7       | 201.9     | 32.5      | 83.25     | 108       | 219       | 7.81      | 54.4      | 42.5      | 2.09      | 0.33      | 248       |
| 1302153    | 25/06/2012  | NAD 83 - 7 | 7180771  | 508427  | 998       | DAW12000088 | 99        | 10.9      | 0.9       | 155.3     | 31.2      | 19.5      | 48        | 285       | 2.25      | 23.7      | 26.58     | 0.66      | 0.22      | 72.8      |
| 1302154    | 25/06/2012  | NAD 83 - 7 | 7179811  | 508002  | 794       | DAW12000088 | 55        | 9.5       | 0.4       | 130.1     | 31        | 22.57     | 17        | 490       | 1.35      | 26.8      | 9.88      | 0.59      | 0.17      | 83.7      |
| 1302155    | 25/06/2012  | NAD 83 - 7 | 7179892  | 507940  | 840       | DAW12000088 | 738       | 19.3      | 1.4       | 181.4     | 23.5      | 50.27     | 57        | 975       | 16.04     | 57.7      | 30.66     | 3.43      | 0.44      | 395.7     |
| 1302156    | 25/06/2012  | NAD 83 - 7 | 7179991  | 507923  | 865       | DAW12000088 | 90        | 13.7      | 2.6       | 153.4     | 32.2      | 13.6      | 35        | 263       | 3.35      | 25.2      | 19.38     | 0.82      | 0.24      | 184.1     |
| 1302157    | 25/06/2012  | NAD 83 - 7 | 7180081  | 507878  | 904       | DAW12000088 | 338       | 12.6      | 0.3       | 274.7     | 18.8      | 20.37     | 21        | 176       | 2.31      | 13.3      | 34.55     | 0.51      | 0.3       | 77.4      |
| 1302158    | 25/06/2012  | NAD 83 - 7 | 7180190  | 507834  | 955       | DAW12000088 | 36        | 5.4       | 0.3       | 447.1     | 27.8      | 16.93     | 16        | 696       | 1.11      | 25.9      | 9.03      | 0.47      | 0.18      | 91.3      |
| 1302159    | 25/06/2012  | NAD 83 - 7 | 7180335  | 507906  | 984       | DAW12000088 | 124       | 4.3       | 0.5       | 362.1     | 20.8      | 46.5      | 42        | 1352      | 1.19      | 26.5      | 16.94     | 0.39      | 0.16      | 61.1      |
| 1302160    | 25/06/2012  | NAD 83 - 7 | 7180374  | 507997  | 959       | DAW12000088 | 81        | 3.1       | 0.8       | 176       | 13.3      | 8.91      | 15        | 166       | 0.73      | 8.2       | 9.65      | 0.22      | 0.13      | 36.3      |
| 1302161    | 25/06/2012  | NAD 83 - 7 | 7180405  | 508089  | 960       | DAW12000088 | 75        | 10.9      | 1.4       | 295.3     | 28.7      | 25.07     | 36        | 886       | 1.58      | 24.4      | 17.8      | 0.63      | 0.17      | 129.4     |
| 1302162    | 25/06/2012  | NAD 83 - 7 | 7180432  | 508186  | 1002      | DAW12000088 | 65        | 9.2       | 2.1       | 207.4     | 26.8      | 18.96     | 38        | 1026      | 1.41      | 22.4      | 19.29     | 0.55      | 0.16      | 115.2     |
| 1302163    | 25/06/2012  | NAD 83 - 7 | 7180472  | 508280  | 1015      | DAW12000088 | 57        | 2.3       | 0.1       | 294       | 18        | 51.99     | 65        | 1104      | 0.8       | 27        | 12.12     | 0.34      | 0.19      | 72.4      |
| 1302164    | 25/06/2012  | NAD 83 - 7 | 7180556  | 508337  | 989       | DAW12000088 | 25        | 14.6      | 1         | 563.3     | 15.7      | 18.39     | 29        | 226       | 2.18      | 23.5      | 26.38     | 0.34      | 0.13      | 121.7     |
| 1302165    | 25/06/2012  | NAD 83 - 7 | 7180638  | 508410  | 996       | DAW12000088 | 80        | 24.7      | 0.5       | 630.1     | 128.5     | 43.27     | 41        | 1406      | 0.7       | 139.4     | 36.82     | 0.2       | 0.23      | 158.4     |
| 1302166    | 25/06/2012  | NAD 83 - 7 | 7180709  | 508480  | 1027      | DAW12000088 | 70        | 7.5       | 1.2       | 343.5     | 29.8      | 18.21     | 32        | 492       | 1.46      | 22.5      | 16.8      | 0.5       | 0.2       | 84.2      |
| 1302168    | 26/06/2012  | NAD 83 - 7 | 7182168  | 506752  | 519       | DAW12000088 | 567       | 6.1       | 1         | 353.1     | 15.6      | 19.65     | 48        | 144       | 42.55     | 13.7      | 44.21     | 7.12      | 3.14      | 147.5     |
| 1302169    | 26/06/2012  | NAD 83 - 7 | 7182075  | 506791  | 519       | DAW12000088 | 416       | 15.4      | 3.3       | 343       | 37        | 28.43     | 29        | 151       | 15.32     | 40        | 19.12     | 5.68      | 0.85      | 182.6     |
| 1302170    | 26/06/2012  | NAD 83 - 7 | 7181970  | 506784  | 496       | DAW12000088 | 329       | 9.5       | 3.1       | 362.2     | 26.4      | 35.77     | 47        | 252       | 2.75      | 35.5      | 11.88     | 1.85      | 0.17      | 105.7     |
| 1302171    | 26/06/2012  | NAD 83 - 7 | 7181872  | 506816  | 511       | DAW12000088 | 628       | 8.7       | 2.8       | 310.4     | 30.1      | 41.57     | 87        | 173       | 4.59      | 34.8      | 12.45     | 2.2       | 0.25      | 172.2     |
| 1302172    | 26/06/2012  | NAD 83 - 7 | 7181833  | 506909  | 529       | DAW12000088 | 1431      | 12.5      | 1.1       | 466       | 56.8      | 36.78     | 117       | 57        | 10.33     | 36.1      | 15.05     | 4.6       | 0.79      | 303.9     |
| 1302173    | 26/06/2012  | NAD 83 - 7 | 7181788  | 507001  | 546       | DAW12000088 | 718       | 31.4      | 1         | 316.4     | 77.8      | 69.32     | 534       | 12        | 120.29    | 32.6      | 36.48     | 53.85     | 3.87      | 239.3     |
| 1302174    | 26/06/2012  | NAD 83 - 7 | 7181725  | 507082  | 555       | DAW12000088 | 1861      | 36.5      | 0.2       | 676.7     | 51        | 94.43     | 47        | 44        | 49.68     | 80.1      | 49.38     | 14.53     | 0.83      | 556.9     |
| 1302175    | 26/06/2012  | NAD 83 - 7 | 7181652  | 507155  | 569       | DAW12000088 | 3307      | 16        | 0.9       | 625.6     | 69.3      | 299.34    | 791       | 19        | 41.92     | 84.9      | 63.78     | 17.81     | 1.73      | 347.7     |
| 1302176    | 26/06/2012  | NAD 83 - 7 | 7181585  | 507231  | 581       | DAW12000088 | 1708      | 56.6      | 28.1      | 878.5     | 76.9      | 765.55    | 323       | 257       | 46.83     | 96.7      | 88.35     | 16.52     | 1.2       | 86.5      |
| 1302177    | 26/06/2012  | NAD 83 - 7 | 7181537  | 507318  | 594       | DAW12000088 | 160       | 7.4       | 0.1       | 155.8     | 33.8      | 26.57     | 28        | 141       | 2.58      | 22.9      | 24.36     | 1.12      | 0.23      | 88.2      |
| 1302178    | 26/06/2012  | NAD 83 - 7 | 7181472  | 507398  | 618       | DAW12000088 | 178       | 15.2      | 0.7       | 165.5     | 40.6      | 35.8      | 53        | 158       | 4.99      | 31.5      | 28.45     | 1.64      | 0.29      | 93.9      |
| 1302179    | 26/06/2012  | NAD 83 - 7 | 7181429  | 507495  | 641       | DAW12000088 | 493       | 8.6       | 0.1       | 125.7     | 38.8      | 47.99     | 28        | 151       | 2.25      | 43.2      | 26.36     | 1.13      | 0.24      | 106.4     |
| 1302180    | 26/06/2012  | NAD 83 - 7 | 7181374  | 507580  | 650       | DAW12000088 | 300       | 8         | 0.1       | 357.7     | 29.2      | 43.61     | 58        | 226       | 3.41      | 31.7      | 21.35     | 1.28      | 0.19      | 140.6     |
| 1302181    | 26/06/2012  | NAD 83 - 7 | 7181323  | 507663  | 684       | DAW12000088 | 552       | 5.2       | 0.7       | 242.9     | 30.1      | 40.72     | 131       | 79        | 2.74      | 27.5      | 25.53     | 0.82      | 0.28      | 67.1      |
| 1302182    | 26/06/2012  | NAD 83 - 7 | 7181232  | 507706  | 721       | DAW12000088 | 406       | 9.4       | 0.1       | 277.4     | 32.4      | 49.88     | 82        | 316       | 4.59      | 33.9      | 41.58     | 1.33      | 0.31      | 156.9     |
| 1302183    | 26/06/2012  | NAD 83 - 7 | 7181152  | 507768  | 777       | DAW12000088 | 175       | 10.8      | 0.1       | 225.4     | 34.1      | 43.13     | 46        | 294       | 4.58      | 44.5      | 44.65     | 1.39      | 0.29      | 220.5     |
| 1302184    | 26/06/2012  | NAD 83 - 7 | 7181131  | 507869  | 805       | DAW12000088 | 153       | 11.6      | 0.1       | 276.1     | 38.2      | 22.7      | 20        | 299       | 4.27      | 24.5      | 19.37     | 1.17      | 0.24      | 68.6      |
| 1302185    | 26/06/2012  | NAD 83 - 7 | 7181159  | 507963  | 849       | DAW12000088 | 184       | 9.4       | 2.2       | 285.3     | 25.8      | 40.02     | 22        | 155       | 5.66      | 27.1      | 23.62     | 1.38      | 0.32      | 121.4     |
| 1302186    | 26/06/2012  | NAD 83 - 7 | 7181120  | 508045  | 850       | DAW12000088 | 53        | 9.1       | 0.4       | 230       | 32.4      | 58.58     | 38        | 141       | 1.87      | 32.9      | 19.33     | 0.89      | 0.17      | 97.8      |
| 1302187    | 26/06/2012  | NAD 83 - 7 | 7181073  | 508131  | 868       | DAW12000088 | 182       | 5.9       | 0.1       | 154.1     | 15.6      | 47.69     | 39        | 479       | 0.59      | 29.7      | 36.48     | 0.59      | 0.16      | 126.7     |
| 1302188    | 27/06/2012  | NAD 83 - 7 | 7182647  | 506428  | 410       | DAW12000088 | 778       | 40.6      | 4.7       | 877.4     | 31.9      | 64.59     | 55        | 168       | 17.8      | 35.1      | 33.99     | 5.95      | 1.03      | 196.1     |
| 1302189    | 27/06/2012  | NAD 83 - 7 | 7182595  | 506340  | 446       | DAW12000088 | 1254      | 66.8      | 17        | 434.9     | 27.5      | 86.14     | 214       | 211       | 11.46     | 26.8      | 37.09     | 5.77      | 1.1       | 121.3     |
| 1302190    | 27/06/2012  | NAD 83 - 7 | 7182526  | 506265  | 496       | DAW12000088 | 1475      | 44.9      | 25.9      | 420.4     | 29.3      | 99.95     | 182       | 741       | 14.72     | 35        | 44.05     | 6.54      | 1.36      | 192.2     |
| 1302191    | 27/06/2012  | NAD 83 - 7 | 7182476  | 506180  | 546       | DAW12000088 | 661       | 33.2      | 15.5      | 1029      | 27.3      | 61.18     | 292       | 91        | 15.26     | 28.4      | 33.4      | 8.39      | 0.78      | 133.8     |
| 1302192    | 27/06/2012  | NAD 83 - 7 | 7182426  | 506098  | 579       | DAW12000088 | 236       | 3.3       | 2.2       | 296.2     | 16.6      | 71.17     | 110       | 28        | 16.11     | 14.4      | 51.9      | 13.59     | 0.65      | 45.5      |
| 1302193    | 27/06/2012  | NAD 83 - 7 | 7182404  | 505999  | 603       | DAW12000088 | 1160      | 15.5      | 2.2       | 396       | 39.7      | 48.46     | 82        | 118       | 12.48     | 37.3      | 79.15     | 7.6       | 1.4       | 297.8     |
| 1302194    | 27/06/2012  | NAD 83 - 7 | 7182382  | 505901  | 608       | DAW12000088 | 898       | 9.6       | 4.4       | 238.9     | 17.6      | 21.54     | 76        | 11        | 23.48     | 5.5       | 53.66     | 6.71      | 1         | 9.3       |
| 1302195    | 27/06/2012  | NAD 83 - 7 | 7181994  | 505888  | 654       | DAW12000088 | 798       | 46.3      | 1.6       | 570.6     | 34.1      | 40.58     | 49        | 710       | 4.27      | 34.2      | 18.24     | 2.91      | 0.27      | 203.7     |
| 1302196    | 27/06/2012  | NAD 83 - 7 | 7181984  | 505985  | 631       | DAW12000088 | 348       | 27.5      | 2.6       | 412.2     | 36        | 33.59     | 78        | 3754      | 4.65      | 33.9      | 17.32     | 2.97      | 0.32      | 205.9     |
| 1302197    | 27/06/2012  | NAD 83 - 7 | 7182038  | 506069  | 595       | DAW12000088 | 1545      | 20.8      | 38.8      | 529.3     | 19        | 82.75     | 441       | 36        | 12.48     | 9.8       | 61.76     | 3.82      | 0.72      | 35        |
| 1302198    | 27/06/2012  | NAD 83 - 7 | 7182105  | 506143  | 560       | DAW12000088 | 3337      | 37.6      | 2.8       | 376.8     | 174.3     | 170.38    | 364       | 413       | 42.47     | 214.7     | 74.78     | 18.1      | 1.4       | 879.8     |
| 1302199    | 27/06/2012  | NAD 83 - 7 | 7182235  | 506227  | 494       | DAW12000088 | 845       | 23.4      | 4.9       | 542.9     | 38.9      | 85.34     | 232       | 153       | 27.29     | 78.9      | 35.7      | 17.96     | 1.56      | 266.7     |
| 1302200    | 27/06/2012  | NAD 83 - 7 | 7182205  | 506324  | 494       | DAW12000088 | 2164      | 29.5      | 2.8       | 146.4     | 26.6      | 129.91    | 803       | 22        | 119.48    | 56.3      | 238.93    | 41.33     | 4.36      | 285.6     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302225    | 24/06/2012  | NAD 83 - 7 | 7180321  | 507806  | 1014      | DAW12000088 | 87        | 9.7       | 1         | 356.5     | 32.3      | 29.7      | 52        | 1322      | 1.62      | 30.7      | 20.18     | 0.8       | 0.2       | 83.3      |
| 1302226    | 24/06/2012  | NAD 83 - 7 | 7180250  | 507734  | 994       | DAW12000088 | 49        | 11.9      | 1.3       | 197.6     | 31.2      | 18.32     | 21        | 572       | 1.76      | 22.3      | 18.9      | 0.87      | 0.2       | 71.3      |
| 1302227    | 24/06/2012  | NAD 83 - 7 | 7180198  | 507649  | 990       | DAW12000088 | 115       | 7.6       | 0.8       | 495.1     | 31.1      | 25.78     | 35        | 274       | 1.38      | 21.3      | 15.13     | 0.68      | 0.15      | 76.5      |
| 1302228    | 24/06/2012  | NAD 83 - 7 | 7180127  | 507577  | 985       | DAW12000088 | 27        | 8         | 0.5       | 698.8     | 29.5      | 33.39     | 25        | 357       | 1.3       | 27.9      | 9.17      | 0.62      | 0.14      | 74.1      |
| 1302229    | 24/06/2012  | NAD 83 - 7 | 7180064  | 507497  | 982       | DAW12000088 | 97        | 14.8      | 4.6       | 143.1     | 35.4      | 19.93     | 35        | 277       | 2.26      | 28.4      | 14.81     | 0.96      | 0.21      | 91.9      |
| 1302230    | 24/06/2012  | NAD 83 - 7 | 7179973  | 507469  | 975       | DAW12000088 | 289       | 13        | 3.1       | 289.9     | 32.2      | 23.8      | 39        | 187       | 1.98      | 21        | 16.97     | 0.85      | 0.19      | 100       |
| 1302231    | 24/06/2012  | NAD 83 - 7 | 7179875  | 507410  | 927       | DAW12000088 | 32        | 9.1       | 2.3       | 127.9     | 26.9      | 23.26     | 27        | 838       | 2.55      | 29.9      | 11.93     | 0.74      | 0.13      | 134.3     |
| 1302232    | 24/06/2012  | NAD 83 - 7 | 7179771  | 507419  | 904       | DAW12000088 | 897       | 16.2      | 4         | 351.7     | 28.5      | 40.85     | 91        | 707       | 23.79     | 67.3      | 13.14     | 3.96      | 0.54      | 312.8     |
| 1302233    | 24/06/2012  | NAD 83 - 7 | 7179671  | 507462  | 916       | DAW12000088 | 190       | 11.4      | 4         | 370.7     | 31.8      | 18.22     | 34        | 257       | 2.44      | 20.6      | 12.11     | 0.96      | 0.18      | 95.5      |
| 1302234    | 24/06/2012  | NAD 83 - 7 | 7179575  | 507510  | 919       | DAW12000088 | 269       | 6         | 3.5       | 367.7     | 17.7      | 12.27     | 31        | 92        | 2.43      | 9.2       | 12.86     | 0.63      | 0.18      | 51.6      |
| 1302235    | 24/06/2012  | NAD 83 - 7 | 7179470  | 507517  | 909       | DAW12000088 | 775       | 10.3      | 10.7      | 749.6     | 33        | 51.09     | 295       | 345       | 6.72      | 54.9      | 20.69     | 1.33      | 0.26      | 174.7     |
| 1302236    | 24/06/2012  | NAD 83 - 7 | 7179364  | 507531  | 885       | DAW12000088 | 499       | 15        | 6.2       | 491.4     | 27.3      | 29.64     | 94        | 107       | 13.29     | 17.4      | 28.72     | 1.46      | 0.43      | 53.6      |
| 1302237    | 24/06/2012  | NAD 83 - 7 | 7179276  | 507587  | 897       | DAW12000088 | 21        | 8.4       | 3.9       | 105.5     | 20.1      | 41.6      | 31        | 428       | 1.5       | 22.2      | 7.46      | 0.64      | 0.11      | 55.9      |
| 1302238    | 24/06/2012  | NAD 83 - 7 | 7179253  | 507689  | 896       | DAW12000088 | 329       | 17.4      | 6.6       | 306.4     | 49.7      | 49.47     | 96        | 610       | 5.74      | 40        | 19.73     | 1.46      | 0.25      | 223.9     |
| 1302239    | 24/06/2012  | NAD 83 - 7 | 7179232  | 507784  | 913       | DAW12000088 | 536       | 18.2      | 4.6       | 357.2     | 95        | 71.3      | 234       | 360       | 5.34      | 64.9      | 12.63     | 1.02      | 0.31      | 114.8     |
| 1302240    | 24/06/2012  | NAD 83 - 7 | 7179252  | 507888  | 872       | DAW12000088 | 115       | 11.9      | 3.2       | 126.8     | 41.8      | 31.27     | 40        | 262       | 3.18      | 34.6      | 19.55     | 0.87      | 0.3       | 72.8      |
| 1302241    | 24/06/2012  | NAD 83 - 7 | 7179287  | 507988  | 836       | DAW12000088 | 81        | 2.6       | 2.2       | 149.1     | 13.9      | 17.22     | 16        | 111       | 1.04      | 7.8       | 8.18      | 0.34      | 0.13      | 44.3      |
| 1302242    | 24/06/2012  | NAD 83 - 7 | 7179236  | 508081  | 792       | DAW12000088 | 74        | 7.4       | 0.8       | 123.3     | 17.1      | 17.08     | 22        | 127       | 1.47      | 16.1      | 13.15     | 0.58      | 0.14      | 88.6      |
| 1302243    | 24/06/2012  | NAD 83 - 7 | 7179147  | 508143  | 763       | DAW12000088 | 67        | 4.6       | 1         | 192.8     | 32.9      | 29.93     | 60        | 781       | 1.2       | 37.6      | 35.83     | 0.96      | 0.16      | 216.2     |
| 1302244    | 24/06/2012  | NAD 83 - 7 | 7179079  | 508229  | 754       | DAW12000088 | 116       | 9         | 1.8       | 123.2     | 19.3      | 15.83     | 29        | 129       | 2.06      | 13.3      | 18.51     | 0.5       | 0.2       | 52.8      |
| 1302245    | 24/06/2012  | NAD 83 - 7 | 7179096  | 508340  | 714       | DAW12000088 | 213       | 19.7      | 0.9       | 153.1     | 39.3      | 26.73     | 45        | 551       | 2.52      | 60.6      | 43.58     | 1.21      | 0.23      | 486.8     |
| 1302246    | 24/06/2012  | NAD 83 - 7 | 7179064  | 508449  | 665       | DAW12000088 | 30        | 2.7       | 1.1       | 89.9      | 11.9      | 8.04      | 12        | 56        | 1.07      | 6.7       | 5.47      | 0.4       | 0.11      | 29.3      |
| 1302247    | 25/06/2012  | NAD 83 - 7 | 7183142  | 507233  | 554       | DAW12000088 | 319       | 10.9      | 1.2       | 525.2     | 19.3      | 25.34     | 35        | 49        | 5.11      | 19.3      | 12.67     | 1.68      | 0.4       | 94.7      |
| 1302248    | 25/06/2012  | NAD 83 - 7 | 7183092  | 507049  | 493       | DAW12000088 | 71        | 7.9       | 1.4       | 301.1     | 17.6      | 34.03     | 28        | 42        | 2.64      | 35.5      | 11.75     | 1.96      | 0.33      | 168.9     |
| 1302249    | 25/06/2012  | NAD 83 - 7 | 7183107  | 507137  | 519       | DAW12000088 | 494       | 11.9      | 1.6       | 795.6     | 19        | 41.81     | 64        | 65        | 4.02      | 33.4      | 13.29     | 1.5       | 0.46      | 111.1     |
| 1302250    | 25/06/2012  | NAD 83 - 7 | 7183135  | 507333  | 575       | DAW12000088 | 196       | 8.8       | 0.3       | 356.5     | 14.1      | 17.17     | 12        | 47        | 3.61      | 11.7      | 10.73     | 1.14      | 0.26      | 67.1      |
| 1302251    | 25/06/2012  | NAD 83 - 7 | 7183110  | 507429  | 602       | DAW12000088 | 1024      | 16.6      | 3.4       | 410.2     | 19.9      | 44.91     | 73        | 24        | 16.49     | 15.9      | 31.3      | 5.82      | 2.3       | 78.7      |
| 1302252    | 25/06/2012  | NAD 83 - 7 | 7183113  | 507527  | 635       | DAW12000088 | 299       | 8.3       | 1.5       | 647.7     | 17.8      | 25.5      | 19        | 58        | 4.31      | 16        | 12.76     | 0.92      | 0.55      | 79.3      |
| 1302253    | 25/06/2012  | NAD 83 - 7 | 7183084  | 507732  | 632       | DAW12000088 | 318       | 14        | 0.8       | 605.8     | 17.5      | 28.33     | 25        | 44        | 10.77     | 12.2      | 14.96     | 4.79      | 0.94      | 113.8     |
| 1302254    | 25/06/2012  | NAD 83 - 7 | 7183054  | 507834  | 606       | DAW12000088 | 445       | 16.9      | 0.8       | 752.7     | 19.7      | 22.13     | 19        | 68        | 8.62      | 15.6      | 19.32     | 2.29      | 0.63      | 115       |
| 1302255    | 25/06/2012  | NAD 83 - 7 | 7183010  | 507933  | 591       | DAW12000088 | 421       | 15.4      | 3.5       | 1530.4    | 28        | 48.2      | 88        | 56        | 8.21      | 17.6      | 19.58     | 3.47      | 0.68      | 108.2     |
| 1302256    | 25/06/2012  | NAD 83 - 7 | 7183113  | 508917  | 423       | DAW12000088 | 1539      | 25.5      | 10.6      | 263.3     | 14.3      | 45.12     | 360       | 7         | 29.29     | 13        | 23.94     | 13.39     | 1.83      | 84.4      |
| 1302257    | 25/06/2012  | NAD 83 - 7 | 7183092  | 508823  | 451       | DAW12000088 | 762       | 16.8      | 4.5       | 1434.5    | 18        | 90.5      | 167       | 477       | 8.55      | 53.6      | 18.34     | 3.32      | 0.93      | 264.4     |
| 1302258    | 25/06/2012  | NAD 83 - 7 | 7183095  | 508724  | 483       | DAW12000088 | 541       | 14.8      | 5.8       | 1083.9    | 22.4      | 63.73     | 60        | 72        | 10.54     | 36.3      | 16.03     | 3.23      | 0.71      | 161.7     |
| 1302259    | 25/06/2012  | NAD 83 - 7 | 7183095  | 508626  | 510       | DAW12000088 | 240       | 16        | 0.9       | 760.1     | 18        | 24.63     | 31        | 59        | 4.8       | 23.1      | 12.82     | 1.94      | 0.28      | 138.5     |
| 1302260    | 25/06/2012  | NAD 83 - 7 | 7183107  | 508530  | 522       | DAW12000088 | 855       | 68.3      | 1.7       | 785       | 21.2      | 43.46     | 55        | 35        | 14.16     | 24.4      | 49.23     | 5.44      | 0.92      | 233.4     |
| 1302261    | 25/06/2012  | NAD 83 - 7 | 7183117  | 508433  | 550       | DAW12000088 | 2071      | 93.2      | 2.3       | 648.7     | 20.3      | 32.19     | 128       | 52        | 17.29     | 17.2      | 21.21     | 6.01      | 0.78      | 132.5     |
| 1302262    | 25/06/2012  | NAD 83 - 7 | 7183065  | 508344  | 577       | DAW12000088 | 155       | 7.2       | 1.4       | 260.4     | 15.4      | 12.77     | 26        | 27        | 5.07      | 6.1       | 9.7       | 1.02      | 0.31      | 40.1      |
| 1302263    | 25/06/2012  | NAD 83 - 7 | 7182983  | 508286  | 609       | DAW12000088 | 212       | 56.9      | 0.9       | 286.2     | 33.7      | 25.69     | 68        | 71        | 96.82     | 243       | 23.73     | 15.73     | 1.94      | 665.2     |
| 1302264    | 25/06/2012  | NAD 83 - 7 | 7182997  | 508186  | 597       | DAW12000088 | 218       | 19.1      | 1         | 222.3     | 33.4      | 11.35     | 22        | 27        | 19.4      | 9.1       | 26.44     | 5.32      | 1.14      | 78.8      |
| 1302265    | 25/06/2012  | NAD 83 - 7 | 7183007  | 508089  | 603       | DAW12000088 | 294       | 28.2      | 3.6       | 340.2     | 52.3      | 25.76     | 30        | 46        | 20.3      | 16.9      | 33        | 7.23      | 1.36      | 130.6     |
| 1302266    | 25/06/2012  | NAD 83 - 7 | 7183018  | 507989  | 591       | DAW12000088 | 256       | 25.8      | 4.9       | 347.7     | 48.7      | 45.52     | 37        | 129       | 12.23     | 35.5      | 31.07     | 4.49      | 0.79      | 205.9     |
| 1302267    | 26/06/2012  | NAD 83 - 7 | 7182810  | 508720  | 479       | DAW12000088 | 1043      | 18.2      | 5         | 977.3     | 38.7      | 60.09     | 144       | 345       | 15.49     | 67        | 12.55     | 7.37      | 0.43      | 264.2     |
| 1302268    | 26/06/2012  | NAD 83 - 7 | 7182703  | 508717  | 496       | DAW12000088 | 445       | 8         | 3.3       | 544.6     | 60.3      | 42.37     | 57        | 433       | 1.99      | 82.9      | 12.74     | 1.49      | 0.27      | 146.3     |
| 1302269    | 26/06/2012  | NAD 83 - 7 | 7182617  | 508663  | 524       | DAW12000088 | 1358      | 47.8      | 40.9      | 191.7     | 28.9      | 13.53     | 430       | 12        | 7.24      | 2.8       | 33.11     | 4.54      | 1.1       | 17.8      |
| 1302270    | 26/06/2012  | NAD 83 - 7 | 7182517  | 508660  | 564       | DAW12000088 | 4585      | 31.7      | 6.7       | 788.5     | 200.7     | 216.72    | 251       | 529       | 24.86     | 331.5     | 19.64     | 17.53     | 1.18      | 2768.1    |
| 1302271    | 26/06/2012  | NAD 83 - 7 | 7182421  | 508635  | 594       | DAW12000088 | 1905      | 22.8      | 2.5       | 1845.8    | 44.4      | 69.11     | 451       | 54        | 42.84     | 207.1     | 10.6      | 14.33     | 2.85      | 747.8     |
| 1302272    | 26/06/2012  | NAD 83 - 7 | 7182334  | 508586  | 621       | DAW12000088 | 1131      | 11.8      | 2.4       | 278.5     | 36.8      | 42.02     | 49        | 27        | 16.18     | 34.6      | 21.86     | 5.57      | 1.09      | 113.5     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302273    | 26/06/2012  | NAD 83 - 7 | 7182253  | 508542  | 629       | DAW12000088 | 294       | 24.2      | 3.4       | 725.4     | 125.9     | 102.99    | 60        | 57        | 9.36      | 48.2      | 171.08    | 2.64      | 1.02      | 263.7     |
| 1302274    | 26/06/2012  | NAD 83 - 7 | 7182151  | 508538  | 639       | DAW12000088 | 168       | 7.6       | 2.1       | 441.8     | 69.7      | 28.42     | 40        | 261       | 2.29      | 81.5      | 9.92      | 0.97      | 0.17      | 123.6     |
| 1302275    | 26/06/2012  | NAD 83 - 7 | 7182048  | 508524  | 659       | DAW12000088 | 460       | 4.3       | 2.7       | 441.3     | 42.2      | 28.85     | 132       | 213       | 1.63      | 42.8      | 14.83     | 0.9       | 0.23      | 109.6     |
| 1302276    | 26/06/2012  | NAD 83 - 7 | 7181947  | 508519  | 690       | DAW12000088 | 589       | 5.8       | 3.1       | 185.3     | 19.4      | 30.6      | 177       | 49        | 1.65      | 14.2      | 18.15     | 0.58      | 0.29      | 62.3      |
| 1302277    | 26/06/2012  | NAD 83 - 7 | 7181870  | 508518  | 716       | DAW12000088 | 269       | 9.7       | 1.5       | 453.8     | 55.3      | 31.69     | 123       | 687       | 4.16      | 80.3      | 19.87     | 2.15      | 0.3       | 189.7     |
| 1302278    | 26/06/2012  | NAD 83 - 7 | 7181901  | 508423  | 692       | DAW12000088 | 365       | 5.2       | 1.8       | 560.4     | 45.7      | 31.19     | 98        | 366       | 2.14      | 56.8      | 16.29     | 0.99      | 0.33      | 152.1     |
| 1302279    | 26/06/2012  | NAD 83 - 7 | 7181967  | 508339  | 664       | DAW12000088 | 620       | 5.2       | 5.2       | 365.4     | 29.4      | 43.6      | 124       | 121       | 1.92      | 32        | 10.5      | 1.09      | 0.26      | 112       |
| 1302280    | 26/06/2012  | NAD 83 - 7 | 7182057  | 508291  | 642       | DAW12000088 | 828       | 9.1       | 3.7       | 297.7     | 32        | 35.63     | 246       | 77        | 3.7       | 28.7      | 15.58     | 1.63      | 0.24      | 101.5     |
| 1302281    | 26/06/2012  | NAD 83 - 7 | 7182147  | 508241  | 617       | DAW12000088 | 543       | 8         | 4.2       | 640.8     | 24.9      | 41.91     | 270       | 45        | 4.47      | 24.6      | 14.33     | 1.18      | 0.52      | 114.5     |
| 1302282    | 26/06/2012  | NAD 83 - 7 | 7182226  | 508176  | 595       | DAW12000088 | 473       | 10.1      | 3         | 738.3     | 30.3      | 47.58     | 66        | 65        | 4.85      | 18.4      | 10.06     | 1.27      | 0.38      | 55.7      |
| 1302283    | 26/06/2012  | NAD 83 - 7 | 7182309  | 508107  | 577       | DAW12000088 | 912       | 17.3      | 1.8       | 773.4     | 45.8      | 24.92     | 56        | 100       | 6.58      | 23        | 11.89     | 2         | 0.49      | 87.4      |
| 1302284    | 26/06/2012  | NAD 83 - 7 | 7182392  | 508053  | 551       | DAW12000088 | 922       | 11.3      | 3.1       | 863.5     | 30.4      | 48.53     | 234       | 207       | 10.31     | 59.8      | 11.74     | 4.78      | 0.5       | 517.3     |
| 1302285    | 26/06/2012  | NAD 83 - 7 | 7182456  | 507987  | 523       | DAW12000088 | 471       | 9.8       | 8.9       | 618       | 32.9      | 38.43     | 117       | 625       | 4.79      | 47.2      | 13.22     | 2.32      | 0.29      | 168       |
| 1302286    | 27/06/2012  | NAD 83 - 7 | 7183080  | 508678  | 498       | DAW12000088 | 300       | 23.8      | 2.6       | 1156.3    | 24.5      | 43.33     | 37        | 74        | 4.05      | 30.8      | 12.47     | 1.52      | 0.32      | 111.2     |
| 1302287    | 27/06/2012  | NAD 83 - 7 | 7183047  | 508614  | 501       | DAW12000088 | 381       | 12.6      | 1.8       | 668.3     | 20.4      | 23.86     | 21        | 69        | 7.45      | 23.9      | 12.12     | 2.76      | 0.38      | 110.4     |
| 1302288    | 27/06/2012  | NAD 83 - 7 | 7183038  | 508533  | 509       | DAW12000088 | 807       | 14.1      | 3.2       | 1365.9    | 23.1      | 49.2      | 138       | 64        | 15.67     | 33.7      | 13.46     | 4.19      | 0.68      | 150.4     |
| 1302289    | 27/06/2012  | NAD 83 - 7 | 7182945  | 508558  | 509       | DAW12000088 | 291       | 25.7      | 11.7      | 450.3     | 34.9      | 22.35     | 24        | 117       | 17.04     | 31.3      | 13.33     | 6.91      | 0.78      | 138.7     |
| 1302290    | 27/06/2012  | NAD 83 - 7 | 7182859  | 508543  | 506       | DAW12000088 | 400       | 23.7      | 1.9       | 902.9     | 37.2      | 19.19     | 47        | 127       | 17.29     | 35.1      | 10.75     | 5.4       | 0.81      | 217       |
| 1302291    | 27/06/2012  | NAD 83 - 7 | 7182797  | 508470  | 523       | DAW12000088 | 520       | 5.6       | 2         | 541.5     | 15.2      | 8.84      | 59        | 35        | 15.1      | 10.4      | 11.15     | 3.98      | 0.71      | 42.1      |
| 1302292    | 27/06/2012  | NAD 83 - 7 | 7182741  | 508401  | 520       | DAW12000088 | 293       | 15.1      | 0.9       | 530.9     | 23.5      | 12.1      | 26        | 94        | 15.56     | 18.1      | 11.63     | 4.29      | 0.69      | 71        |
| 1302293    | 27/06/2012  | NAD 83 - 7 | 7182702  | 508316  | 518       | DAW12000088 | 1050      | 3.4       | 1.9       | 377.7     | 15.1      | 19.27     | 48        | 67        | 9.86      | 10.4      | 15.8      | 3.62      | 0.82      | 40.5      |
| 1302294    | 27/06/2012  | NAD 83 - 7 | 7182732  | 508217  | 518       | DAW12000088 | 359       | 24.2      | 7.1       | 726.5     | 26.4      | 26.65     | 82        | 109       | 10.61     | 22.3      | 16.85     | 4.97      | 0.65      | 81.5      |
| 1302295    | 27/06/2012  | NAD 83 - 7 | 7182773  | 508133  | 524       | DAW12000088 | 633       | 28.8      | 12.6      | 910.4     | 23.7      | 22.17     | 182       | 51        | 17.66     | 10        | 27.94     | 6.94      | 0.91      | 48        |
| 1302296    | 27/06/2012  | NAD 83 - 7 | 7182805  | 508025  | 537       | DAW12000088 | 1180      | 22        | 8.4       | 1980.6    | 20.8      | 50.05     | 224       | 50        | 7.4       | 25.7      | 17.44     | 4.67      | 0.64      | 92.6      |
| 1302297    | 27/06/2012  | NAD 83 - 7 | 7182717  | 507987  | 536       | DAW12000088 | 322       | 9.3       | 1.5       | 471.2     | 17.2      | 13.1      | 12        | 78        | 4.04      | 12.8      | 9.65      | 1.21      | 0.27      | 71        |
| 1302298    | 27/06/2012  | NAD 83 - 7 | 7182645  | 507927  | 537       | DAW12000088 | 774       | 30.4      | 3.8       | 341.8     | 15.9      | 44.74     | 67        | 18        | 80.37     | 18.7      | 55.49     | 15.52     | 3.7       | 76.5      |
| 1302299    | 27/06/2012  | NAD 83 - 7 | 7182569  | 507860  | 541       | DAW12000088 | 344       | 10.8      | 3.1       | 1080.6    | 11.6      | 33.74     | 40        | 69        | 5.17      | 28.2      | 13.82     | 2.29      | 0.45      | 159.1     |
| 1302300    | 27/06/2012  | NAD 83 - 7 | 7182497  | 507787  | 548       | DAW12000088 | 534       | 24.3      | 1.4       | 334       | 42.8      | 21.71     | 36        | 97        | 27.58     | 46.9      | 19.04     | 6.36      | 1.28      | 302.9     |
| 1302301    | 26/06/2012  | NAD 83 - 7 | 7181790  | 508938  | 858       | DAW12000088 | 42        | 14.1      | 4.3       | 95.4      | 52.7      | 16.02     | 27        | 162       | 2.66      | 48.7      | 10.75     | 0.8       | 0.17      | 64.8      |
| 1302302    | 26/06/2012  | NAD 83 - 7 | 7181687  | 508922  | 870       | DAW12000088 | 52        | 13.9      | 3.2       | 178.2     | 38.4      | 26.17     | 54        | 225       | 2.17      | 37.2      | 11.8      | 0.89      | 0.16      | 68.6      |
| 1302303    | 26/06/2012  | NAD 83 - 7 | 7181589  | 508890  | 886       | DAW12000088 | 24        | 7.4       | 1.4       | 94.4      | 19.4      | 17.58     | 21        | 200       | 1.67      | 17.1      | 32.32     | 0.54      | 0.14      | 68.3      |
| 1302304    | 26/06/2012  | NAD 83 - 7 | 7181400  | 508674  | 923       | DAW12000088 | 23        | 9         | 1.2       | 120.6     | 23.3      | 12.95     | 14        | 238       | 1.55      | 13.8      | 17.68     | 0.6       | 0.15      | 55.2      |
| 1302305    | 26/06/2012  | NAD 83 - 7 | 7181313  | 508625  | 940       | DAW12000088 | 44        | 7.3       | 1.7       | 172.1     | 22.8      | 9.74      | 15        | 133       | 1.33      | 12.4      | 15.13     | 0.56      | 0.16      | 38        |
| 1302306    | 26/06/2012  | NAD 83 - 7 | 7181217  | 508611  | 952       | DAW12000088 | 33        | 6.9       | 1         | 268.9     | 21.9      | 14.28     | 16        | 346       | 1.31      | 18.7      | 12.57     | 0.51      | 0.13      | 82.9      |
| 1302307    | 26/06/2012  | NAD 83 - 7 | 7181135  | 508587  | 970       | DAW12000088 | 62        | 4.9       | 0.3       | 213.4     | 20.7      | 23.58     | 18        | 117       | 0.81      | 18.5      | 8.77      | 0.3       | 0.13      | 65.8      |
| 1302308    | 26/06/2012  | NAD 83 - 7 | 7181036  | 508555  | 990       | DAW12000088 | 21        | 2.5       | 0.4       | 236.9     | 103.6     | 10.06     | 12        | 798       | 0.18      | 150.3     | 3.87      | 0.12      | 0.27      | 66.1      |
| 1302309    | 26/06/2012  | NAD 83 - 7 | 7180941  | 508518  | 995       | DAW12000088 | 69        | 4.6       | 0.6       | 287.7     | 27.4      | 28.25     | 28        | 317       | 1.49      | 23.8      | 16.77     | 0.65      | 0.17      | 77.7      |
| 1302310    | 26/06/2012  | NAD 83 - 7 | 7180833  | 508507  | 1012      | DAW12000088 | 29        | 5.3       | 1.1       | 232.2     | 19.5      | 16.16     | 21        | 239       | 1.15      | 13.8      | 18.33     | 0.37      | 0.14      | 58.1      |
| 1302311    | 27/06/2012  | NAD 83 - 7 | 7181565  | 509261  | 835       | DAW12000088 | 74        | 6.8       | 1.1       | 111.3     | 16        | 20.55     | 35        | 301       | 1.26      | 12.4      | 19.54     | 0.4       | 0.2       | 49.5      |
| 1302312    | 27/06/2012  | NAD 83 - 7 | 7181609  | 509348  | 790       | DAW12000088 | 75        | 9.1       | 0.5       | 163       | 18.5      | 20.32     | 31        | 279       | 1.55      | 14.7      | 28.2      | 0.46      | 0.2       | 82.4      |
| 1302313    | 27/06/2012  | NAD 83 - 7 | 7181666  | 509426  | 736       | DAW12000088 | 103       | 8.3       | 1.2       | 308.7     | 55        | 38.85     | 44        | 336       | 1.33      | 89        | 17.88     | 0.41      | 0.65      | 117.5     |
| 1302314    | 27/06/2012  | NAD 83 - 7 | 7181754  | 509472  | 681       | DAW12000088 | 122       | 5.1       | 0.6       | 680.3     | 132.7     | 74.41     | 23        | 834       | 2.04      | 189.4     | 7.44      | 0.39      | 0.19      | 66        |
| 1302315    | 27/06/2012  | NAD 83 - 7 | 7181840  | 509518  | 642       | DAW12000088 | 45        | 4.1       | 0.3       | 162.8     | 21.8      | 24.32     | 27        | 572       | 0.63      | 26        | 29.82     | 0.33      | 0.11      | 53.2      |
| 1302316    | 27/06/2012  | NAD 83 - 7 | 7181924  | 509579  | 610       | DAW12000088 | 1094      | 44.1      | 1         | 993.2     | 28.5      | 158.52    | 554       | 599       | 48.75     | 254.8     | 12.77     | 32.04     | 2.05      | 950.8     |
| 1302317    | 27/06/2012  | NAD 83 - 7 | 7182013  | 509627  | 580       | DAW12000088 | 912       | 8.3       | 1.3       | 138.5     | 28.8      | 14.71     | 29        | 49        | 6.94      | 19.9      | 8.73      | 1.77      | 0.31      | 96        |
| 1302318    | 27/06/2012  | NAD 83 - 7 | 7182094  | 509692  | 559       | DAW12000088 | 3016      | 33.1      | 3.4       | 364.6     | 214.4     | 185.52    | 117       | 33        | 42.2      | 150.8     | 7.84      | 18.59     | 1.57      | 407.4     |
| 1302319    | 27/06/2012  | NAD 83 - 7 | 7182205  | 509779  | 509       | DAW12000088 | 1347      | 9         | 2.8       | 691.4     | 29        | 77.58     | 229       | 31        | 4.46      | 36.6      | 9.71      | 1.82      | 0.68      | 145.4     |
| 1302321    | 28/06/2012  | NAD 83 - 7 | 7182299  | 506957  | 495       | DAW12000088 | 1850      | 38.5      | 6         | 321.6     | 98.2      | 110.45    | 261       | 75        | 38.22     | 80.5      | 34.06     | 13.09     | 1.24      | 216       |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302322    | 28/06/2012  | NAD 83 - 7 | 7182295  | 507056  | 534       | DAW12000088 | 4788      | 28.6      | 2.9       | 535.2     | 102.7     | 53.16     | 170       | 41        | 36.07     | 46.7      | 40.19     | 7.23      | 1.91      | 179       |
| 1302323    | 28/06/2012  | NAD 83 - 7 | 7182315  | 507147  | 562       | DAW12000088 | 9430      | 21.5      | 9.6       | 120.5     | 104.5     | 111.38    | 521       | 29        | 15.23     | 75.3      | 23.23     | 6.19      | 1.66      | 270.3     |
| 1302324    | 28/06/2012  | NAD 83 - 7 | 7182344  | 507236  | 567       | DAW12000088 | 725       | 13.9      | 6.6       | 463.6     | 41.8      | 39.05     | 65        | 105       | 6.55      | 41.9      | 18.32     | 2.17      | 0.51      | 145.8     |
| 1302325    | 28/06/2012  | NAD 83 - 7 | 7182389  | 507336  | 579       | DAW12000088 | 2413      | 10.6      | 3.1       | 595.4     | 74.8      | 92.13     | 110       | 10        | 7.69      | 61.1      | 16.38     | 3.56      | 0.46      | 230.7     |
| 1302326    | 28/06/2012  | NAD 83 - 7 | 7182442  | 507419  | 581       | DAW12000088 | 680       | 8.9       | 2.6       | 163       | 26.3      | 53.02     | 196       | 6         | 3.63      | 10.9      | 10.56     | 0.5       | 0.55      | 17.6      |
| 1302327    | 28/06/2012  | NAD 83 - 7 | 7182535  | 507469  | 602       | DAW12000088 | 7932      | 29.5      | 3.9       | 409.8     | 179.1     | 149.66    | 248       | 25        | 40.96     | 47.6      | 32.08     | 11.16     | 1.59      | 217.1     |
| 1302328    | 28/06/2012  | NAD 83 - 7 | 7182611  | 507534  | 621       | DAW12000088 | 305       | 17        | 2.3       | 555.5     | 38.3      | 35.26     | 47        | 200       | 28.95     | 22.4      | 19.87     | 6.3       | 1.05      | 171.8     |
| 1302329    | 28/06/2012  | NAD 83 - 7 | 7182702  | 507578  | 628       | DAW12000088 | 148       | 17.3      | 2.3       | 437.4     | 27.9      | 22.2      | 19        | 150       | 6.75      | 22.7      | 18.27     | 1.72      | 0.37      | 112.2     |
| 1302331    | 30/06/2012  | NAD 83 - 7 | 7180212  | 502805  | 988       | DAW12000117 | 103       | 11.7      | 2.5       | 132.1     | 30.8      | 22.64     | 64        | 422       | 1.54      | 26.1      | 17.78     | 0.8       | 0.11      | 72.1      |
| 1302332    | 30/06/2012  | NAD 83 - 7 | 7180310  | 502843  | 944       | DAW12000117 | 91        | 4.9       | 1.3       | 275.8     | 20.7      | 59.69     | 53        | 794       | 3.75      | 23.6      | 18.34     | 0.43      | 0.07      | 71.8      |
| 1302333    | 30/06/2012  | NAD 83 - 7 | 7180399  | 502861  | 905       | DAW12000117 | 33        | 11.4      | 1.9       | 302.4     | 26.2      | 13.86     | 44        | 306       | 1.59      | 21.7      | 9.96      | 0.73      | 0.1       | 49.8      |
| 1302334    | 30/06/2012  | NAD 83 - 7 | 7180498  | 502852  | 883       | DAW12000117 | 65        | 17.1      | 1.6       | 164.4     | 15.5      | 46.18     | 40        | 153       | 1.69      | 10.8      | 8.57      | 0.6       | 0.1       | 27        |
| 1302335    | 30/06/2012  | NAD 83 - 7 | 7180601  | 502867  | 818       | DAW12000117 | 201       | 9.6       | 1.2       | 175.7     | 18.1      | 28.65     | 57        | 658       | 1.02      | 16.4      | 21.07     | 0.44      | 0.1       | 54.1      |
| 1302336    | 30/06/2012  | NAD 83 - 7 | 7180680  | 502880  | 799       | DAW12000117 | 177       | 11.4      | 2.1       | 267.4     | 23.9      | 52.9      | 46        | 290       | 4.25      | 30.2      | 21.11     | 1.12      | 0.12      | 81.8      |
| 1302337    | 30/06/2012  | NAD 83 - 7 | 7180758  | 502816  | 773       | DAW12000117 | 77        | 15        | 2         | 183.7     | 27.4      | 21.33     | 39        | 406       | 2.01      | 20.6      | 20.72     | 0.84      | 0.12      | 78.9      |
| 1302338    | 30/06/2012  | NAD 83 - 7 | 7180831  | 502739  | 744       | DAW12000117 | 70        | 11.7      | 4         | 208.1     | 34.5      | 23.93     | 46        | 225       | 2.62      | 24.9      | 12.62     | 1         | 0.12      | 57.1      |
| 1302339    | 30/06/2012  | NAD 83 - 7 | 7180880  | 502659  | 709       | DAW12000117 | 81        | 9.1       | 0.5       | 316.5     | 27.7      | 25.6      | 31        | 383       | 1.37      | 26.4      | 15.25     | 0.65      | 0.13      | 81.4      |
| 1302340    | 30/06/2012  | NAD 83 - 7 | 7180943  | 502581  | 661       | DAW12000117 | 49        | 7.9       | 1.1       | 192.4     | 25.3      | 17.35     | 28        | 194       | 1.22      | 20.9      | 10.7      | 0.66      | 0.1       | 49        |
| 1302341    | 30/06/2012  | NAD 83 - 7 | 7180977  | 502485  | 611       | DAW12000117 | 142       | 12.1      | 1.1       | 191.6     | 24.4      | 31.48     | 59        | 179       | 1.91      | 28.1      | 13.28     | 0.73      | 0.12      | 62.5      |
| 1302342    | 30/06/2012  | NAD 83 - 7 | 7181031  | 502191  | 640       | DAW12000117 | 490       | 9.1       | 3.2       | 496.5     | 21.9      | 61.04     | 157       | 256       | 6.94      | 34.7      | 22.72     | 0.84      | 0.17      | 109.1     |
| 1302343    | 30/06/2012  | NAD 83 - 7 | 7181046  | 502089  | 681       | DAW12000117 | 508       | 6.1       | 2.5       | 332.9     | 22.2      | 104.13    | 139       | 650       | 2.43      | 42.7      | 20.38     | 0.9       | 0.19      | 172.5     |
| 1302344    | 30/06/2012  | NAD 83 - 7 | 7180999  | 502012  | 716       | DAW12000117 | 60        | 5.6       | 2.4       | 234.1     | 16.8      | 16.82     | 25        | 184       | 0.73      | 16.8      | 7.57      | 0.29      | 0.05      | 39.1      |
| 1302345    | 30/06/2012  | NAD 83 - 7 | 7180940  | 501943  | 780       | DAW12000117 | 33        | 9.5       | 1         | 137.2     | 14.7      | 21.65     | 48        | 309       | 0.61      | 17.7      | 4.7       | 0.25      | 0.06      | 31.1      |
| 1302346    | 30/06/2012  | NAD 83 - 7 | 7180879  | 501864  | 843       | DAW12000117 | 67        | 5.6       | 0.8       | 211.3     | 16.9      | 16.35     | 43        | 478       | 1.16      | 13.4      | 8.16      | 0.37      | 0.07      | 39.3      |
| 1302347    | 30/06/2012  | NAD 83 - 7 | 7180791  | 501813  | 904       | DAW12000117 | 123       | 11.3      | 1.2       | 211.9     | 22.1      | 32.01     | 66        | 1079      | 1.51      | 23.7      | 17.26     | 0.45      | 0.09      | 72.3      |
| 1302348    | 01/07/2012  | NAD 83 - 7 | 7179388  | 505692  | 633       | DAW12000117 | 179       | 12.2      | 1.8       | 244.8     | 30.1      | 28.58     | 64        | 142       | 2.57      | 23.1      | 14.74     | 1.09      | 0.15      | 73.6      |
| 1302349    | 01/07/2012  | NAD 83 - 7 | 7179291  | 505674  | 640       | DAW12000117 | 131       | 7.2       | 1.3       | 313.4     | 21.9      | 43.57     | 31        | 255       | 4.12      | 29.8      | 12.35     | 0.75      | 0.11      | 194.6     |
| 1302350    | 01/07/2012  | NAD 83 - 7 | 7179196  | 505643  | 667       | DAW12000117 | 2541      | 68.4      | 4.4       | 221.5     | 71.8      | 143.45    | 1148      | 288       | 88.43     | 47.9      | 75.62     | 30.7      | 2.23      | 371.2     |
| 1302351    | 24/06/2012  | NAD 83 - 7 | 7180759  | 506326  | 545       | DAW12000088 | 30        | 12.1      | 1.4       | 218       | 32.4      | 18.12     | 22        | 327       | 2.7       | 23.6      | 11.1      | 0.95      | 0.14      | 77.8      |
| 1302352    | 24/06/2012  | NAD 83 - 7 | 7180680  | 506385  | 592       | DAW12000088 | 28        | 5.7       | 0.1       | 135       | 23.4      | 23.06     | 33        | 239       | 1.95      | 17.5      | 8.86      | 0.65      | 0.11      | 54.7      |
| 1302353    | 24/06/2012  | NAD 83 - 7 | 7180618  | 506462  | 654       | DAW12000088 | 24        | 7.6       | 0.3       | 118.1     | 27.1      | 22.74     | 12        | 226       | 1.09      | 24.5      | 7.17      | 0.45      | 0.1       | 90.8      |
| 1302354    | 24/06/2012  | NAD 83 - 7 | 7180543  | 506528  | 696       | DAW12000088 | 13        | 2.8       | 0.8       | 282.4     | 25        | 10.83     | 17        | 224       | 0.81      | 19.5      | 4.69      | 0.41      | 0.13      | 54.8      |
| 1302355    | 24/06/2012  | NAD 83 - 7 | 7180456  | 506576  | 733       | DAW12000088 | 22        | 9.3       | 1.8       | 116       | 25.1      | 13.05     | 30        | 158       | 2.02      | 12.4      | 13.43     | 0.75      | 0.13      | 39.3      |
| 1302356    | 24/06/2012  | NAD 83 - 7 | 7180379  | 506631  | 770       | DAW12000088 | 30        | 9.9       | 1.6       | 189.5     | 29.9      | 24.07     | 17        | 411       | 1.72      | 29.3      | 12.08     | 0.85      | 0.13      | 57.9      |
| 1302357    | 24/06/2012  | NAD 83 - 7 | 7180321  | 506714  | 820       | DAW12000088 | 131       | 11.6      | 0.3       | 187.2     | 24.1      | 40.24     | 16        | 104       | 0.96      | 26.7      | 13.38     | 0.42      | 0.08      | 66.5      |
| 1302358    | 24/06/2012  | NAD 83 - 7 | 7180314  | 506814  | 859       | DAW12000088 | 43        | 3.3       | 0.1       | 338.6     | 18.7      | 11.15     | 15        | 146       | 0.95      | 14.6      | 6.66      | 0.45      | 0.1       | 57.7      |
| 1302359    | 24/06/2012  | NAD 83 - 7 | 7180307  | 506914  | 906       | DAW12000088 | 43        | 5         | 0.6       | 228.6     | 20.4      | 10.84     | 25        | 536       | 1.49      | 13.1      | 8.72      | 0.55      | 0.13      | 55.8      |
| 1302360    | 24/06/2012  | NAD 83 - 7 | 7180308  | 507017  | 955       | DAW12000088 | 68        | 7.7       | 0.7       | 168.9     | 22.2      | 13.11     | 21        | 194       | 1.57      | 10.6      | 11.75     | 0.54      | 0.13      | 36.1      |
| 1302361    | 24/06/2012  | NAD 83 - 7 | 7180307  | 507119  | 996       | DAW12000088 | 44        | 10.5      | 1.4       | 177.6     | 34.2      | 18.64     | 31        | 360       | 1.95      | 24.2      | 11.51     | 0.85      | 0.15      | 73.5      |
| 1302362    | 24/06/2012  | NAD 83 - 7 | 7180551  | 507050  | 885       | DAW12000088 | 94        | 6.1       | 0.4       | 200.1     | 23.5      | 13.74     | 28        | 504       | 1.4       | 16.6      | 14.04     | 0.55      | 0.12      | 58.2      |
| 1302363    | 24/06/2012  | NAD 83 - 7 | 7180622  | 506972  | 847       | DAW12000088 | 56        | 13.5      | 1.2       | 164.4     | 32.9      | 24.26     | 47        | 300       | 2.02      | 30.4      | 22.25     | 0.85      | 0.14      | 59        |
| 1302364    | 24/06/2012  | NAD 83 - 7 | 7180671  | 506886  | 801       | DAW12000088 | 23        | 6.6       | 0.8       | 152.2     | 25        | 11.57     | 16        | 183       | 1.59      | 16.4      | 9.59      | 0.64      | 0.12      | 59.1      |
| 1302365    | 24/06/2012  | NAD 83 - 7 | 7180689  | 506787  | 764       | DAW12000088 | 25        | 55.8      | 0.6       | 378.8     | 396.1     | 44.45     | 23        | 2373      | 1.11      | 294.5     | 19.46     | 0.54      | 0.13      | 111.9     |
| 1302366    | 24/06/2012  | NAD 83 - 7 | 7180722  | 506697  | 705       | DAW12000088 | 26        | 5.9       | 0.1       | 801.2     | 363.5     | 60.38     | 32        | 1459      | 0.71      | 280.6     | 8.13      | 0.23      | 0.09      | 66.3      |
| 1302367    | 24/06/2012  | NAD 83 - 7 | 7180740  | 506603  | 650       | DAW12000088 | 31        | 9         | 0.5       | 164.7     | 39.7      | 15.29     | 13        | 153       | 1.62      | 30.9      | 10.09     | 0.79      | 0.11      | 56        |
| 1302368    | 24/06/2012  | NAD 83 - 7 | 7180761  | 506526  | 602       | DAW12000088 | 46        | 8.5       | 0.1       | 225       | 21.1      | 12.75     | 18        | 176       | 1.34      | 16.3      | 11.38     | 0.6       | 0.11      | 61.9      |
| 1302369    | 24/06/2012  | NAD 83 - 7 | 7180831  | 506454  | 588       | DAW12000088 | 46        | 6.5       | 0.7       | 242.3     | 32.3      | 21.74     | 14        | 292       | 1.31      | 28.8      | 9.62      | 0.6       | 0.08      | 52.9      |
| 1302370    | 24/06/2012  | NAD 83 - 7 | 7180894  | 506366  | 555       | DAW12000088 | 58        | 7.7       | 0.9       | 309       | 30.5      | 21.32     | 25        | 522       | 1.52      | 29.8      | 11.43     | 0.59      | 0.09      | 65.5      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1302371    | 25/06/2012  | NAD 83 - 7 | 7180764  | 509322  | 688       | DAW12000088 | 123    | 23.9   | 1.8    | 125.9  | 26.1   | 41.63  | 45     | 328    | 6.66   | 36.8   | 55.35  | 2.12   | 0.39   | 324.2  |
| 1302372    | 25/06/2012  | NAD 83 - 7 | 7180707  | 509243  | 718       | DAW12000088 | 462    | 14.3   | 3.9    | 190.5  | 23.6   | 43.82  | 29     | 235    | 11.02  | 47.3   | 26.88  | 4.64   | 0.49   | 309.2  |
| 1302373    | 25/06/2012  | NAD 83 - 7 | 7180707  | 509142  | 759       | DAW12000088 | 48     | 10.8   | 2.6    | 225.8  | 30     | 24.9   | 23     | 195    | 1.93   | 28.4   | 15.84  | 1.01   | 0.14   | 75.8   |
| 1302374    | 25/06/2012  | NAD 83 - 7 | 7180748  | 509050  | 799       | DAW12000088 | 60     | 10.5   | 2.3    | 258.4  | 34.2   | 28.31  | 21     | 183    | 2.12   | 30.6   | 18.34  | 0.98   | 0.15   | 76.9   |
| 1302375    | 25/06/2012  | NAD 83 - 7 | 7180788  | 508954  | 844       | DAW12000088 | 54     | 7.1    | 1.8    | 198.3  | 20.5   | 10.07  | 20     | 202    | 1.56   | 12.4   | 15.67  | 0.64   | 0.11   | 61.7   |
| 1302376    | 25/06/2012  | NAD 83 - 7 | 7180848  | 508872  | 890       | DAW12000088 | 42     | 9.6    | 2.8    | 177.7  | 29.4   | 13.45  | 19     | 207    | 1.75   | 19.6   | 18.87  | 0.81   | 0.14   | 82.6   |
| 1302377    | 25/06/2012  | NAD 83 - 7 | 7180809  | 508778  | 914       | DAW12000088 | 40     | 9.1    | 2.5    | 144    | 24.8   | 10.54  | 26     | 177    | 1.62   | 14.2   | 14.42  | 0.71   | 0.13   | 46.2   |
| 1302378    | 25/06/2012  | NAD 83 - 7 | 7180751  | 508693  | 962       | DAW12000088 | 44     | 11.9   | 2.2    | 230    | 32.5   | 26.59  | 27     | 382    | 1.87   | 34.9   | 17.61  | 0.99   | 0.15   | 85.7   |
| 1302379    | 25/06/2012  | NAD 83 - 7 | 7180733  | 508595  | 1000      | DAW12000088 | 44     | 13.7   | 2.2    | 150.6  | 29.1   | 18.28  | 17     | 210    | 1.82   | 19.4   | 20.42  | 0.74   | 0.17   | 72.1   |
| 1302380    | 25/06/2012  | NAD 83 - 7 | 7180736  | 508500  | 1040      | DAW12000088 | 52     | 6.2    | 5.6    | 386.8  | 24.1   | 22.28  | 19     | 382    | 1.33   | 16.6   | 19.37  | 0.66   | 0.15   | 82.2   |
| 1302381    | 25/06/2012  | NAD 83 - 7 | 7181022  | 508196  | 908       | DAW12000088 | 71     | 7.8    | 1.4    | 104    | 22.3   | 16.53  | 24     | 181    | 1.94   | 21.3   | 12.58  | 0.79   | 0.12   | 55.3   |
| 1302382    | 25/06/2012  | NAD 83 - 7 | 7181122  | 508201  | 871       | DAW12000088 | 87     | 5.6    | 1      | 94.7   | 19.3   | 37.69  | 25     | 145    | 1.04   | 18.6   | 16.75  | 0.53   | 0.13   | 74.6   |
| 1302383    | 25/06/2012  | NAD 83 - 7 | 7181221  | 508192  | 845       | DAW12000088 | 177    | 6.6    | 0.7    | 97.2   | 22.5   | 42.06  | 54     | 257    | 1.22   | 26.2   | 25.18  | 0.57   | 0.18   | 123.1  |
| 1302384    | 25/06/2012  | NAD 83 - 7 | 7181316  | 508190  | 808       | DAW12000088 | 107    | 4.4    | 0.7    | 131.3  | 15.8   | 29.31  | 19     | 218    | 0.75   | 18.9   | 19.82  | 0.39   | 0.12   | 67.9   |
| 1302385    | 25/06/2012  | NAD 83 - 7 | 7181405  | 508159  | 757       | DAW12000088 | 116    | 6      | 0.6    | 122.2  | 19     | 31.89  | 28     | 235    | 1.28   | 19.6   | 26.94  | 0.61   | 0.19   | 72.9   |
| 1302386    | 25/06/2012  | NAD 83 - 7 | 7181482  | 508108  | 739       | DAW12000088 | 383    | 11.2   | 6.5    | 272.8  | 33.1   | 111.21 | 126    | 1816   | 5.08   | 66.8   | 20.59  | 1.25   | 0.26   | 202.1  |
| 1302387    | 25/06/2012  | NAD 83 - 7 | 7181708  | 507956  | 672       | DAW12000088 | 385    | 7.8    | 2.3    | 486.7  | 33.5   | 40.43  | 96     | 172    | 2.27   | 40.1   | 20.66  | 0.96   | 0.19   | 109    |
| 1302388    | 25/06/2012  | NAD 83 - 7 | 7181873  | 507839  | 644       | DAW12000088 | 125    | 6      | 1.6    | 211.9  | 26.2   | 20.3   | 22     | 116    | 3.11   | 24.1   | 13.3   | 0.97   | 0.15   | 70.2   |
| 1302389    | 25/06/2012  | NAD 83 - 7 | 7181974  | 507794  | 633       | DAW12000088 | 183    | 12.8   | 5.9    | 399.1  | 34.4   | 85.43  | 34     | 163    | 6.34   | 40.1   | 17.11  | 3.3    | 0.32   | 136.2  |
| 1302390    | 25/06/2012  | NAD 83 - 7 | 7182074  | 507758  | 620       | DAW12000088 | 2448   | 22.6   | 2.7    | 703.3  | 99.4   | 120.38 | 190    | 125    | 19.55  | 131.7  | 80.17  | 9.37   | 0.59   | 558.9  |
| 1302392    | 26/06/2012  | NAD 83 - 7 | 7181359  | 509509  | 784       | DAW12000088 | 84     | 9.2    | 1.9    | 124    | 25.1   | 20.2   | 32     | 188    | 1.93   | 20.8   | 19.31  | 0.9    | 0.13   | 104.1  |
| 1302393    | 26/06/2012  | NAD 83 - 7 | 7181401  | 509417  | 834       | DAW12000088 | 32     | 3.9    | 18.5   | 54     | 12.6   | 8.51   | 20     | 98     | 1.19   | 8.8    | 13.37  | 0.41   | 0.08   | 63.4   |
| 1302394    | 26/06/2012  | NAD 83 - 7 | 7181463  | 509332  | 875       | DAW12000088 | 50     | 6      | 0.4    | 170.1  | 16.8   | 18.63  | 34     | 1172   | 1.45   | 14     | 16.46  | 0.58   | 0.15   | 51.7   |
| 1302395    | 26/06/2012  | NAD 83 - 7 | 7181481  | 509234  | 883       | DAW12000088 | 36     | 3.5    | 0.7    | 133.2  | 16.3   | 17.09  | 33     | 123    | 1.28   | 12     | 9.85   | 0.54   | 0.15   | 47.5   |
| 1302396    | 26/06/2012  | NAD 83 - 7 | 7181501  | 509133  | 890       | DAW12000088 | 28     | 4.5    | 0.5    | 141.5  | 21.4   | 12.34  | 10     | 221    | 1.35   | 14.8   | 9.3    | 0.59   | 0.12   | 76.7   |
| 1302397    | 26/06/2012  | NAD 83 - 7 | 7181489  | 509042  | 894       | DAW12000088 | 55     | 5.7    | 3.3    | 153.1  | 25.7   | 15.02  | 24     | 212    | 1.51   | 15.7   | 15.16  | 0.71   | 0.18   | 83.2   |
| 1302398    | 26/06/2012  | NAD 83 - 7 | 7181480  | 508951  | 905       | DAW12000088 | 24     | 9      | 1.6    | 184.5  | 27.2   | 13.84  | 13     | 195    | 1.79   | 20.1   | 26.04  | 0.79   | 0.15   | 107.1  |
| 1302399    | 26/06/2012  | NAD 83 - 7 | 7181492  | 508852  | 902       | DAW12000088 | 32     | 12.1   | 0.6    | 163.1  | 18.6   | 14.9   | 16     | 192    | 1.61   | 13.9   | 14.75  | 0.68   | 0.14   | 72.4   |
| 1302400    | 26/06/2012  | NAD 83 - 7 | 7181463  | 508755  | 913       | DAW12000088 | 21     | 12.5   | 3.1    | 202.1  | 36.4   | 20.28  | 46     | 237    | 1.99   | 24.7   | 12.02  | 0.92   | 0.17   | 56.3   |
| 1302401    | 26/06/2012  | NAD 83 - 7 | 7183661  | 506372  | 395       | DAW12000088 | 399    | 8.7    | 4.4    | 717.7  | 21.5   | 76.63  | 151    | 58     | 4.87   | 81.8   | 16.41  | 1.07   | 0.72   | 168.9  |
| 1302402    | 26/06/2012  | NAD 83 - 7 | 7183505  | 506375  | 397       | DAW12000088 | 1027   | 39     | 1.9    | 680.3  | 25.7   | 30.56  | 45     | 78     | 11.71  | 21.3   | 17.35  | 3.88   | 0.88   | 144.8  |
| 1302403    | 26/06/2012  | NAD 83 - 7 | 7183359  | 506362  | 421       | DAW12000088 | 644    | 13.5   | 2.4    | 711.2  | 19.9   | 41.97  | 76     | 63     | 6.75   | 33.9   | 17.48  | 2.82   | 0.65   | 146.2  |
| 1302404    | 26/06/2012  | NAD 83 - 7 | 7183229  | 506350  | 404       | DAW12000088 | 194    | 10.9   | 2.4    | 358.4  | 20.1   | 20.15  | 27     | 78     | 5.29   | 16.6   | 14.08  | 1.67   | 0.35   | 80.4   |
| 1302405    | 26/06/2012  | NAD 83 - 7 | 7183113  | 506377  | 397       | DAW12000088 | 346    | 10.7   | 2.2    | 667.3  | 20.1   | 40.57  | 39     | 198    | 6.86   | 55.8   | 20.08  | 1.68   | 0.84   | 374.6  |
| 1302406    | 27/06/2012  | NAD 83 - 7 | 7182811  | 507429  | 589       | DAW12000088 | 248    | 8.5    | 1.8    | 716.5  | 13.9   | 49.09  | 86     | 45     | 5.65   | 29     | 20.23  | 1.57   | 0.84   | 101.6  |
| 1302407    | 27/06/2012  | NAD 83 - 7 | 7182862  | 507332  | 554       | DAW12000088 | 1615   | 9.5    | 14.3   | 972.9  | 20.2   | 67.94  | 482    | 38     | 2.91   | 28.3   | 20.11  | 1.12   | 0.81   | 91.3   |
| 1302408    | 27/06/2012  | NAD 83 - 7 | 7182883  | 507137  | 524       | DAW12000088 | 1193   | 9.8    | 10.8   | 707.3  | 21.5   | 63.41  | 352    | 301    | 3.72   | 29.7   | 20.85  | 1.38   | 0.87   | 121.2  |
| 1302409    | 27/06/2012  | NAD 83 - 7 | 7182886  | 507008  | 503       | DAW12000088 | 1319   | 11.9   | 8      | 795.4  | 19.1   | 69.65  | 318    | 76     | 3.15   | 48.5   | 17.37  | 1.6    | 0.67   | 150.6  |
| 1302410    | 27/06/2012  | NAD 83 - 7 | 7182937  | 506906  | 494       | DAW12000088 | 1076   | 5.9    | 5.3    | 572.8  | 18.4   | 39.53  | 310    | 53     | 2.95   | 24.5   | 16.13  | 0.97   | 0.66   | 88.4   |
| 1302411    | 27/06/2012  | NAD 83 - 7 | 7182946  | 506833  | 495       | DAW12000088 | 240    | 12.9   | 3.2    | 363    | 19.3   | 33.11  | 36     | 114    | 4.77   | 27.2   | 22.32  | 1.88   | 0.64   | 117.3  |
| 1302412    | 27/06/2012  | NAD 83 - 7 | 7182948  | 506732  | 473       | DAW12000088 | 401    | 15.7   | 3.7    | 611.6  | 20.2   | 42.15  | 59     | 120    | 6.31   | 33.9   | 23.89  | 2.33   | 0.93   | 145    |
| 1302413    | 27/06/2012  | NAD 83 - 7 | 7182971  | 506622  | 474       | DAW12000088 | 422    | 23.7   | 5.7    | 442.1  | 30.7   | 47.78  | 88     | 105    | 8.35   | 26.4   | 24.55  | 4.05   | 1.41   | 112.4  |
| 1302414    | 27/06/2012  | NAD 83 - 7 | 7182871  | 506591  | 464       | DAW12000088 | 399    | 10.5   | 1.6    | 632.3  | 23.2   | 28.79  | 37     | 147    | 4.99   | 25.7   | 16.12  | 1.77   | 0.47   | 132.8  |
| 1302415    | 27/06/2012  | NAD 83 - 7 | 7182763  | 506599  | 464       | DAW12000088 | 341    | 11.3   | 1.8    | 439.7  | 24.1   | 29.37  | 34     | 104    | 5.31   | 28     | 15.18  | 2.06   | 0.46   | 160.8  |
| 1302416    | 27/06/2012  | NAD 83 - 7 | 7182667  | 506635  | 473       | DAW12000088 | 321    | 19.9   | 11.1   | 578.8  | 32.1   | 41.04  | 90     | 109    | 12.19  | 37.6   | 20.64  | 5.01   | 0.56   | 142.5  |
| 1302417    | 27/06/2012  | NAD 83 - 7 | 7182584  | 506697  | 491       | DAW12000088 | 247    | 34.5   | 2.8    | 308.5  | 29.8   | 28.62  | 138    | 75     | 84.28  | 95.8   | 26.84  | 9.38   | 1.75   | 437.7  |
| 1302418    | 27/06/2012  | NAD 83 - 7 | 7182483  | 506794  | 503       | DAW12000088 | 688    | 35.7   | 1.4    | 231.2  | 50.4   | 27.19  | 115    | 42     | 72.25  | 31.9   | 21.71  | 11.76  | 3.91   | 124.4  |
| 1302419    | 27/06/2012  | NAD 83 - 7 | 7182508  | 506897  | 518       | DAW12000088 | 770    | 25.8   | 1.3    | 312.4  | 55.9   | 23.07  | 45     | 41     | 83.56  | 74.9   | 22.31  | 11.74  | 5.32   | 279.2  |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302420    | 27/06/2012  | NAD 83 - 7 | 7182564  | 507017  | 541       | DAW12000088 | 1676      | 17        | 0.1       | 623.2     | 80.9      | 20.26     | 49        | 100       | 17.81     | 38.2      | 15.53     | 10.54     | 1.54      | 473.7     |
| 1302421    | 27/06/2012  | NAD 83 - 7 | 7182615  | 507161  | 549       | DAW12000088 | 770       | 12.3      | 1         | 451.6     | 15.6      | 15.29     | 31        | 43        | 18.48     | 12.7      | 30.04     | 5.52      | 1.44      | 110.3     |
| 1302422    | 28/06/2012  | NAD 83 - 7 | 7182178  | 509141  | 654       | DAW12000088 | 256       | 7.3       | 2         | 302.2     | 18        | 94.89     | 47        | 41        | 24.85     | 6         | 43.12     | 6.13      | 0.71      | 16.9      |
| 1302423    | 28/06/2012  | NAD 83 - 7 | 7182174  | 509253  | 626       | DAW12000088 | 1145      | 22.8      | 6.4       | 467.5     | 23.6      | 72.15     | 122       | 21        | 33.95     | 22.5      | 11.71     | 10.01     | 1.55      | 73.7      |
| 1302424    | 28/06/2012  | NAD 83 - 7 | 7182232  | 509354  | 614       | DAW12000088 | 11380     | 132.4     | 12.4      | 798.4     | 295.5     | 196.83    | 683       | 71        | 118.42    | 190.8     | 579.93    | 47.5      | 8.06      | 566.4     |
| 1302425    | 28/06/2012  | NAD 83 - 7 | 7182322  | 509414  | 569       | DAW12000088 | 2160      | 18.5      | 5.4       | 1171      | 68.4      | 55.65     | 261       | 56        | 7.48      | 64.3      | 27.98     | 4.18      | 0.5       | 341.9     |
| 1302426    | 28/06/2012  | NAD 83 - 7 | 7182407  | 509492  | 539       | DAW12000088 | 3709      | 37.2      | 2.4       | 1224.4    | 50.4      | 172.76    | 373       | 28        | 33.7      | 136.1     | 13.95     | 14.02     | 0.75      | 589.1     |
| 1302427    | 28/06/2012  | NAD 83 - 7 | 7182483  | 509597  | 531       | DAW12000088 | 1331      | 16.5      | 4         | 455.7     | 49.1      | 29.06     | 66        | 49        | 11.62     | 24.4      | 18.16     | 3.32      | 0.43      | 139.6     |
| 1302428    | 28/06/2012  | NAD 83 - 7 | 7182528  | 509720  | 501       | DAW12000088 | 2041      | 5.9       | 1.8       | 1381.9    | 39.8      | 50.77     | 166       | 14        | 3.76      | 33.8      | 12.99     | 1.91      | 0.47      | 128.3     |
| 1302429    | 28/06/2012  | NAD 83 - 7 | 7182538  | 509824  | 468       | DAW12000088 | 6525      | 77.6      | 6.5       | 1081.2    | 230.9     | 246.12    | 1118      | 10000     | 279.06    | 2650.5    | 22.83     | 17.38     | 1.97      | 5741.5    |
| 1302430    | 30/06/2012  | NAD 83 - 7 | 7180748  | 502889  | 797       | DAW12000117 | 141       | 13.9      | 0.9       | 238.2     | 20.1      | 20.86     | 28        | 120       | 1.63      | 16.6      | 15.15     | 0.62      | 0.1       | 50.9      |
| 1302431    | 30/06/2012  | NAD 83 - 7 | 7180851  | 502929  | 746       | DAW12000117 | 681       | 8.6       | 5.1       | 586.3     | 20.8      | 41.94     | 157       | 289       | 4.05      | 31.8      | 20.78     | 1.23      | 0.17      | 128.2     |
| 1302432    | 30/06/2012  | NAD 83 - 7 | 7180960  | 502945  | 740       | DAW12000117 | 168       | 12.3      | 0.1       | 95        | 12.5      | 30.27     | 24        | 317       | 2.28      | 30.8      | 29.8      | 0.87      | 0.11      | 68.9      |
| 1302433    | 30/06/2012  | NAD 83 - 7 | 7181070  | 502987  | 781       | DAW12000117 | 502       | 6.8       | 0.9       | 41.3      | 17.4      | 30.69     | 71        | 239       | 1.97      | 15.7      | 10.86     | 0.7       | 0.14      | 53        |
| 1302434    | 30/06/2012  | NAD 83 - 7 | 7181183  | 503033  | 770       | DAW12000117 | 167       | 17.6      | 0.6       | 153       | 20.1      | 17.09     | 36        | 89        | 2.58      | 11        | 14.42     | 0.72      | 0.19      | 47.9      |
| 1302435    | 30/06/2012  | NAD 83 - 7 | 7181286  | 503082  | 775       | DAW12000117 | 87        | 4.2       | 0.7       | 168       | 21.6      | 15.89     | 27        | 799       | 1.2       | 13.8      | 9.9       | 0.49      | 0.17      | 48.8      |
| 1302436    | 30/06/2012  | NAD 83 - 7 | 7181400  | 503111  | 734       | DAW12000117 | 68        | 11        | 2.4       | 178.7     | 24.9      | 17.97     | 20        | 300       | 1.81      | 21.8      | 11.49     | 0.73      | 0.17      | 61.1      |
| 1302437    | 30/06/2012  | NAD 83 - 7 | 7181526  | 503127  | 724       | DAW12000117 | 46        | 8.8       | 1.6       | 240.9     | 29.9      | 24.26     | 20        | 317       | 1.55      | 26.9      | 9.18      | 0.79      | 0.14      | 51.2      |
| 1302438    | 30/06/2012  | NAD 83 - 7 | 7181659  | 503134  | 737       | DAW12000117 | 64        | 3.3       | 1         | 807.2     | 26.7      | 23        | 18        | 1066      | 1.17      | 24.2      | 11.8      | 0.38      | 0.19      | 85.1      |
| 1302439    | 30/06/2012  | NAD 83 - 7 | 7181714  | 503029  | 711       | DAW12000117 | 67        | 6.2       | 1         | 263.2     | 24.2      | 14.69     | 13        | 365       | 1.67      | 15.3      | 13.05     | 0.57      | 0.12      | 84.3      |
| 1302440    | 30/06/2012  | NAD 83 - 7 | 7181783  | 502927  | 648       | DAW12000117 | 303       | 8.8       | 0.9       | 157.7     | 26.1      | 9.95      | 30        | 152       | 2.54      | 14.4      | 14.77     | 0.7       | 0.17      | 74.9      |
| 1302441    | 30/06/2012  | NAD 83 - 7 | 7181881  | 502870  | 615       | DAW12000117 | 251       | 5.2       | 0.5       | 186.4     | 35.7      | 29.16     | 30        | 114       | 1.13      | 26.5      | 18.08     | 0.52      | 0.16      | 110       |
| 1302442    | 30/06/2012  | NAD 83 - 7 | 7182005  | 502735  | 612       | DAW12000117 | 245       | 7.9       | 2.6       | 155.2     | 22.7      | 28.52     | 38        | 106       | 2.24      | 18.3      | 12.6      | 0.84      | 0.14      | 81.5      |
| 1302443    | 30/06/2012  | NAD 83 - 7 | 7182074  | 502673  | 589       | DAW12000117 | 149       | 7.4       | 1.3       | 136.9     | 29.6      | 54.87     | 18        | 261       | 1.8       | 37.2      | 19.48     | 0.83      | 0.12      | 300.8     |
| 1302444    | 30/06/2012  | NAD 83 - 7 | 7181953  | 503116  | 595       | DAW12000117 | 474       | 6.4       | 2         | 233.3     | 28.3      | 39.82     | 83        | 295       | 3.04      | 32.5      | 20.42     | 0.73      | 0.26      | 154.9     |
| 1302445    | 30/06/2012  | NAD 83 - 7 | 7181863  | 503164  | 649       | DAW12000117 | 95        | 8.3       | 1.8       | 162.2     | 24.2      | 15.02     | 18        | 245       | 1.83      | 15.6      | 19.02     | 0.57      | 0.17      | 89.8      |
| 1302446    | 30/06/2012  | NAD 83 - 7 | 7181761  | 503159  | 687       | DAW12000117 | 91        | 12.7      | 2.3       | 99.2      | 16.6      | 15.54     | 30        | 94        | 5.44      | 12.9      | 16.35     | 1.04      | 0.21      | 58        |
| 1302447    | 01/07/2012  | NAD 83 - 7 | 7179588  | 505854  | 540       | DAW12000117 | 438       | 6.3       | 6.2       | 997       | 26.2      | 40.43     | 141       | 220       | 3.81      | 48        | 15.14     | 1.19      | 0.18      | 256.1     |
| 1302448    | 01/07/2012  | NAD 83 - 7 | 7179642  | 505943  | 587       | DAW12000117 | 47        | 9.7       | 3         | 274.7     | 31.2      | 19.46     | 28        | 267       | 2.39      | 30.4      | 10.23     | 0.8       | 0.15      | 182.5     |
| 1302449    | 01/07/2012  | NAD 83 - 7 | 7179616  | 506049  | 624       | DAW12000117 | 69        | 5.3       | 1.9       | 128.4     | 15        | 13.94     | 28        | 99        | 2.63      | 20.3      | 8.78      | 0.72      | 0.11      | 135.9     |
| 1302450    | 01/07/2012  | NAD 83 - 7 | 7179584  | 506162  | 659       | DAW12000117 | 37        | 3.4       | 1         | 120.5     | 15.9      | 11.07     | 18        | 206       | 2.21      | 17.4      | 9.38      | 0.55      | 0.11      | 133.3     |
| 1302451    | 10/07/2012  | NAD 83 - 7 | 7184501  | 514426  | 751       | DAW12000133 | 210       | 26.6      | 3.5       | 219.2     | 26.4      | 41.33     | 125       | 103       | 7.95      | 18.7      | 20.05     | 1.8       | 0.89      | 69        |
| 1302452    | 10/07/2012  | NAD 83 - 7 | 7184421  | 514370  | 775       | DAW12000133 | 175       | 7.8       | 2.4       | 375.7     | 30        | 30.1      | 40        | 262       | 1.65      | 36.4      | 13.24     | 0.74      | 0.17      | 93.4      |
| 1302453    | 10/07/2012  | NAD 83 - 7 | 7184333  | 514317  | 805       | DAW12000133 | 96        | 11.2      | 3.5       | 173.2     | 30.4      | 28.84     | 52        | 243       | 2.92      | 22.2      | 17.96     | 1.01      | 0.38      | 73        |
| 1302454    | 10/07/2012  | NAD 83 - 7 | 7184247  | 514368  | 821       | DAW12000133 | 42        | 16.9      | 1.9       | 208.5     | 40.1      | 43.2      | 42        | 156       | 2.69      | 43.8      | 19.34     | 1.34      | 0.35      | 81.4      |
| 1302455    | 10/07/2012  | NAD 83 - 7 | 7184147  | 514376  | 832       | DAW12000133 | 120       | 13        | 5         | 319.8     | 40.9      | 34.12     | 27        | 309       | 2.64      | 39.2      | 18.52     | 1.07      | 0.26      | 95.7      |
| 1302456    | 10/07/2012  | NAD 83 - 7 | 7184046  | 514378  | 846       | DAW12000133 | 67        | 13.6      | 3.5       | 230.4     | 38.4      | 24.64     | 36        | 350       | 3.27      | 35.9      | 16.05     | 1.06      | 0.21      | 91.3      |
| 1302457    | 10/07/2012  | NAD 83 - 7 | 7183965  | 514318  | 854       | DAW12000133 | 69        | 14.9      | 2.1       | 280.3     | 34.7      | 23.64     | 41        | 255       | 3.48      | 28.9      | 19.21     | 1.12      | 0.24      | 82.1      |
| 1302458    | 10/07/2012  | NAD 83 - 7 | 7184249  | 514774  | 752       | DAW12000133 | 182       | 35.6      | 1.4       | 119.4     | 19        | 29.63     | 260       | 7         | 21.79     | 4.6       | 20.9      | 1.13      | 1.06      | 23.5      |
| 1302459    | 10/07/2012  | NAD 83 - 7 | 7184151  | 514759  | 763       | DAW12000133 | 214       | 24        | 4.2       | 256       | 26        | 46.38     | 136       | 97        | 6.75      | 14.5      | 19.49     | 1.7       | 1.06      | 43.4      |
| 1302460    | 10/07/2012  | NAD 83 - 7 | 7184059  | 514718  | 775       | DAW12000133 | 389       | 15.4      | 4.5       | 422.6     | 26.3      | 46.93     | 304       | 146       | 4.75      | 44.7      | 20.29     | 1         | 0.69      | 92.9      |
| 1302461    | 10/07/2012  | NAD 83 - 7 | 7183989  | 514647  | 796       | DAW12000133 | 377       | 18.6      | 6.6       | 476.3     | 40.4      | 66.28     | 111       | 269       | 6.5       | 66.2      | 60.44     | 3.79      | 1.73      | 172.8     |
| 1302462    | 10/07/2012  | NAD 83 - 7 | 7183910  | 514577  | 831       | DAW12000133 | 226       | 10.3      | 3.7       | 280.7     | 34.7      | 36.78     | 72        | 390       | 3.05      | 36.1      | 51.42     | 0.86      | 0.41      | 97.8      |
| 1302463    | 10/07/2012  | NAD 83 - 7 | 7183828  | 514518  | 857       | DAW12000133 | 194       | 9         | 2.4       | 259.4     | 28.1      | 49.9      | 78        | 120       | 3.18      | 37.7      | 43.87     | 0.92      | 0.36      | 91.1      |
| 1302464    | 10/07/2012  | NAD 83 - 7 | 7184398  | 514236  | 780       | DAW12000133 | 80        | 13.3      | 1.9       | 259.6     | 20.5      | 18.55     | 18        | 102       | 4.65      | 13.8      | 18.43     | 0.88      | 0.44      | 50.8      |
| 1302465    | 10/07/2012  | NAD 83 - 7 | 7184454  | 514151  | 762       | DAW12000133 | 188       | 22.3      | 2.2       | 604.3     | 25.6      | 47.32     | 179       | 53        | 4.88      | 22.4      | 45.6      | 1.4       | 0.73      | 100.6     |
| 1302466    | 10/07/2012  | NAD 83 - 7 | 7184494  | 514053  | 761       | DAW12000133 | 225       | 18        | 1.6       | 222.3     | 28.3      | 31.09     | 28        | 110       | 6.18      | 17.2      | 33.42     | 1.08      | 0.55      | 55.8      |
| 1302467    | 10/07/2012  | NAD 83 - 7 | 7184546  | 513964  | 741       | DAW12000133 | 110       | 12.3      | 2.9       | 248.1     | 25        | 31.34     | 56        | 122       | 4.17      | 16.1      | 16.94     | 0.82      | 0.51      | 54.7      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302468    | 10/07/2012  | NAD 83 - 7 | 7184567  | 513865  | 713       | DAW12000133 | 114       | 13.4      | 2.2       | 212.5     | 28.7      | 36.93     | 20        | 90        | 4.1       | 17.3      | 21.72     | 1.04      | 0.41      | 58.9      |
| 1302469    | 10/07/2012  | NAD 83 - 7 | 7184590  | 513766  | 697       | DAW12000133 | 219       | 21.2      | 3.3       | 729.1     | 20.8      | 39.74     | 127       | 16        | 10.5      | 12        | 103.45    | 1         | 0.92      | 51.6      |
| 1302470    | 10/07/2012  | NAD 83 - 7 | 7184605  | 513660  | 664       | DAW12000133 | 154       | 8.5       | 3.3       | 185.1     | 20.5      | 23.54     | 27        | 63        | 2.99      | 13.5      | 21.42     | 0.63      | 0.28      | 40        |
| 1302471    | 10/07/2012  | NAD 83 - 7 | 7184642  | 513558  | 624       | DAW12000133 | 159       | 44        | 3.3       | 435.2     | 24.1      | 51.82     | 127       | 32        | 12.02     | 10.1      | 32.57     | 2.16      | 1.3       | 64.7      |
| 1302472    | 10/07/2012  | NAD 83 - 7 | 7184653  | 513454  | 592       | DAW12000133 | 64        | 9.1       | 2.9       | 329.5     | 29.8      | 29.12     | 21        | 178       | 2.64      | 36.8      | 43.69     | 0.88      | 0.27      | 83.3      |
| 1302473    | 13/07/2012  | NAD 83 - 7 | 7184769  | 517245  | 842       | DAW12000162 | 930       | 10.4      | 7.5       | 1055.2    | 27.4      | 32.07     | 177       | 163       | 5.9       | 19.2      | 18.32     | 1.92      | 0.37      | 64.8      |
| 1302474    | 13/07/2012  | NAD 83 - 7 | 7184757  | 517146  | 865       | DAW12000162 | 1723      | 17.2      | 22.9      | 87        | 39.1      | 64.04     | 168       | 114       | 3.61      | 26.5      | 23.6      | 1.51      | 0.3       | 83.4      |
| 1302475    | 13/07/2012  | NAD 83 - 7 | 7184768  | 517051  | 919       | DAW12000162 | 2521      | 13.1      | 8.1       | 656.4     | 40.5      | 67.62     | 141       | 202       | 3.77      | 27.5      | 22.36     | 1.48      | 0.29      | 107.8     |
| 1302476    | 13/07/2012  | NAD 83 - 7 | 7184785  | 516945  | 957       | DAW12000162 | 745       | 13.1      | 3.6       | 380.2     | 35.3      | 22.13     | 73        | 235       | 3.02      | 29.5      | 12.95     | 1.03      | 0.21      | 67.2      |
| 1302477    | 13/07/2012  | NAD 83 - 7 | 7184700  | 516885  | 923       | DAW12000162 | 1920      | 13.6      | 2.7       | 723.3     | 24.2      | 97.13     | 91        | 66        | 14        | 28.8      | 12.94     | 5.16      | 1.17      | 87.5      |
| 1302478    | 13/07/2012  | NAD 83 - 7 | 7184598  | 516755  | 916       | DAW12000162 | 591       | 26.5      | 3.2       | 697.5     | 23.1      | 31.24     | 51        | 117       | 11.7      | 22.8      | 26.66     | 2.18      | 1.62      | 78.9      |
| 1302479    | 13/07/2012  | NAD 83 - 7 | 7184454  | 516747  | 941       | DAW12000162 | 430       | 15.1      | 2.8       | 381.1     | 28.4      | 38.83     | 202       | 128       | 5.91      | 35.4      | 21.47     | 1.6       | 0.8       | 103       |
| 1302480    | 13/07/2012  | NAD 83 - 7 | 7184384  | 516684  | 961       | DAW12000162 | 294       | 10.4      | 1.7       | 402.4     | 38.6      | 53.22     | 95        | 394       | 2.28      | 59.6      | 26.21     | 0.97      | 0.24      | 124.9     |
| 1302481    | 13/07/2012  | NAD 83 - 7 | 7184297  | 516515  | 987       | DAW12000162 | 94        | 9.3       | 0.3       | 249.8     | 31.1      | 29.86     | 51        | 357       | 2.1       | 23.2      | 19.59     | 0.63      | 0.22      | 81.9      |
| 1302482    | 13/07/2012  | NAD 83 - 7 | 7184251  | 516603  | 1035      | DAW12000162 | 109       | 9         | 0.5       | 196.7     | 40.4      | 41.7      | 61        | 588       | 2.12      | 39.7      | 28.56     | 0.68      | 0.2       | 87.7      |
| 1302483    | 13/07/2012  | NAD 83 - 7 | 7184183  | 516677  | 1080      | DAW12000162 | 92        | 11.5      | 0.8       | 239.2     | 33.8      | 37.11     | 80        | 209       | 2.96      | 27.3      | 18.96     | 0.9       | 0.29      | 70.9      |
| 1302484    | 13/07/2012  | NAD 83 - 7 | 7184086  | 516728  | 1138      | DAW12000162 | 88        | 9.5       | 2         | 196.5     | 32.6      | 37.28     | 68        | 406       | 2.17      | 40.2      | 24.03     | 1.05      | 0.21      | 77.7      |
| 1302485    | 13/07/2012  | NAD 83 - 7 | 7183987  | 516747  | 1184      | DAW12000162 | 84        | 9.8       | 1.6       | 166.7     | 36.5      | 39.38     | 47        | 367       | 2.16      | 43.7      | 18.33     | 0.99      | 0.19      | 81.8      |
| 1302486    | 13/07/2012  | NAD 83 - 7 | 7183885  | 516735  | 1202      | DAW12000162 | 105       | 17.4      | 2.9       | 230.6     | 34.8      | 47.51     | 170       | 175       | 4.08      | 41        | 45.72     | 1.4       | 0.36      | 76.1      |
| 1302487    | 13/07/2012  | NAD 83 - 7 | 7183785  | 516736  | 1215      | DAW12000162 | 214       | 12.1      | 3         | 330.3     | 40.3      | 59.95     | 86        | 420       | 2.89      | 56.3      | 30.59     | 1.18      | 0.37      | 116.6     |
| 1302488    | 13/07/2012  | NAD 83 - 7 | 7183687  | 516743  | 1232      | DAW12000162 | 114       | 10.9      | 1.1       | 176.5     | 38.2      | 30.65     | 59        | 291       | 2.73      | 34.4      | 19.88     | 0.89      | 0.23      | 71.3      |
| 1302489    | 13/07/2012  | NAD 83 - 7 | 7183590  | 516751  | 1265      | DAW12000162 | 79        | 8.6       | 2.1       | 222       | 37.2      | 46.91     | 41        | 428       | 1.82      | 44.4      | 22.77     | 0.82      | 0.28      | 75.1      |
| 1302490    | 13/07/2012  | NAD 83 - 7 | 7183480  | 516747  | 1302      | DAW12000162 | 76        | 9         | 0.7       | 180.6     | 38.3      | 46.28     | 56        | 293       | 2.03      | 39.2      | 23.4      | 0.8       | 0.21      | 78.2      |
| 1302491    | 13/07/2012  | NAD 83 - 7 | 7183436  | 516181  | 1267      | DAW12000162 | 121       | 10.8      | 2.1       | 280.9     | 39        | 57.72     | 124       | 219       | 1.88      | 53.2      | 20.97     | 0.91      | 0.26      | 98.3      |
| 1302492    | 13/07/2012  | NAD 83 - 7 | 7183395  | 516273  | 1252      | DAW12000162 | 84        | 11.8      | 1.6       | 156.2     | 38.2      | 42.84     | 58        | 336       | 2.06      | 54.4      | 20.89     | 0.98      | 0.22      | 102.6     |
| 1302493    | 13/07/2012  | NAD 83 - 7 | 7183382  | 516350  | 1249      | DAW12000162 | 43        | 10.7      | 1.1       | 156.6     | 37.9      | 39.12     | 58        | 449       | 1.72      | 48.5      | 17.54     | 0.85      | 0.21      | 88.3      |
| 1302494    | 13/07/2012  | NAD 83 - 7 | 7183363  | 516448  | 1261      | DAW12000162 | 117       | 8.7       | 1.5       | 206.2     | 39.7      | 44.01     | 49        | 361       | 1.81      | 54.4      | 15.74     | 0.74      | 0.2       | 108.2     |
| 1302495    | 13/07/2012  | NAD 83 - 7 | 7183367  | 516546  | 1287      | DAW12000162 | 60        | 9         | 1.2       | 187.2     | 36        | 43.21     | 47        | 260       | 1.68      | 52.3      | 20.3      | 0.94      | 0.24      | 94.4      |
| 1302496    | 13/07/2012  | NAD 83 - 7 | 7183402  | 516643  | 1294      | DAW12000162 | 110       | 7         | 2.8       | 265.5     | 46.7      | 86.35     | 41        | 376       | 1.64      | 79.2      | 31.68     | 0.73      | 0.2       | 147.8     |
| 1302497    | 13/07/2012  | NAD 83 - 7 | 7183410  | 516819  | 1300      | DAW12000162 | 105       | 9.4       | 2         | 232.6     | 37.6      | 58.36     | 51        | 348       | 2.11      | 83.9      | 23.36     | 1         | 0.18      | 102.4     |
| 1302498    | 13/07/2012  | NAD 83 - 7 | 7183363  | 516910  | 1275      | DAW12000162 | 63        | 7.9       | 0.2       | 194.3     | 43        | 57.07     | 40        | 288       | 1.49      | 59.1      | 19.02     | 0.72      | 0.19      | 84.4      |
| 1302499    | 13/07/2012  | NAD 83 - 7 | 7183356  | 517010  | 1245      | DAW12000162 | 87        | 10.1      | 1.6       | 146.5     | 34.8      | 30.32     | 52        | 378       | 1.77      | 37.6      | 17.31     | 0.86      | 0.18      | 80.3      |
| 1302500    | 13/07/2012  | NAD 83 - 7 | 7183370  | 517109  | 1217      | DAW12000162 | 100       | 10.3      | 1.9       | 300.9     | 42.6      | 63.64     | 60        | 393       | 1.69      | 62.1      | 23.44     | 0.88      | 0.27      | 111       |
| 1302501    | 27/06/2012  | NAD 83 - 7 | 7182439  | 507711  | 551       | DAW12000088 | 3170      | 17.8      | 9.7       | 341.1     | 76.6      | 26.46     | 103       | 58        | 11.73     | 33.1      | 16.58     | 4.35      | 1.03      | 339.3     |
| 1302502    | 27/06/2012  | NAD 83 - 7 | 7182422  | 507621  | 558       | DAW12000088 | 2069      | 26.8      | 2.4       | 480.6     | 73.2      | 27.4      | 48        | 89        | 21.98     | 56.6      | 25.42     | 7.44      | 1.23      | 499       |
| 1302503    | 27/06/2012  | NAD 83 - 7 | 7182377  | 507541  | 560       | DAW12000088 | 2722      | 8.6       | 4.2       | 1502      | 34.4      | 69.16     | 433       | 21        | 4.57      | 71.1      | 7.88      | 4.45      | 0.45      | 164.6     |
| 1302504    | 28/06/2012  | NAD 83 - 7 | 7183122  | 509027  | 395       | DAW12000088 | 309       | 22.2      | 1.3       | 374.4     | 12.4      | 15.4      | 58        | 36        | 15.21     | 49        | 6.1       | 2.52      | 0.12      | 152.3     |
| 1302505    | 28/06/2012  | NAD 83 - 7 | 7183032  | 509036  | 424       | DAW12000088 | 2013      | 18.5      | 13.9      | 429.5     | 17        | 63.98     | 608       | 60        | 25.4      | 47        | 21.71     | 9.48      | 1.59      | 236.1     |
| 1302506    | 28/06/2012  | NAD 83 - 7 | 7182939  | 509051  | 467       | DAW12000088 | 2249      | 27.2      | 3.9       | 900.9     | 47.9      | 117.45    | 343       | 48        | 36.98     | 126.3     | 16.51     | 14.83     | 1.6       | 629.8     |
| 1302507    | 28/06/2012  | NAD 83 - 7 | 7182839  | 509085  | 505       | DAW12000088 | 1483      | 29.4      | 6.4       | 462.2     | 31.4      | 109.41    | 414       | 31        | 43.18     | 51.1      | 14.3      | 19.49     | 2.06      | 254.9     |
| 1302508    | 28/06/2012  | NAD 83 - 7 | 7182746  | 509088  | 551       | DAW12000088 | 651       | 4.2       | 2.8       | 1741.5    | 28        | 55.68     | 186       | 2         | 6.07      | 26.3      | 9.06      | 3.74      | 0.86      | 57        |
| 1302509    | 28/06/2012  | NAD 83 - 7 | 7182649  | 509103  | 594       | DAW12000088 | 246       | 12.9      | 3.9       | 420.6     | 21.2      | 27.44     | 69        | 49        | 39.75     | 8.7       | 16.77     | 8.45      | 1.42      | 84.7      |
| 1302510    | 28/06/2012  | NAD 83 - 7 | 7182553  | 509067  | 609       | DAW12000089 | 2280      | 13        | 4.5       | 1301.9    | 49.5      | 69.61     | 180       | 14        | 7.91      | 67.9      | 11.61     | 4.54      | 0.35      | 314.8     |
| 1302511    | 28/06/2012  | NAD 83 - 7 | 7182461  | 509076  | 624       | DAW12000089 | 2050      | 40        | 2.5       | 565       | 99.7      | 39.37     | 36        | 121       | 32.76     | 73.5      | 31.32     | 14.91     | 1.49      | 559.4     |
| 1302512    | 28/06/2012  | NAD 83 - 7 | 7182369  | 509105  | 625       | DAW12000089 | 4326      | 16.5      | 3.3       | 834.8     | 67.3      | 72.49     | 109       | 93        | 9.97      | 115.1     | 47.53     | 5.27      | 0.43      | 569.5     |
| 1302513    | 28/06/2012  | NAD 83 - 7 | 7182274  | 509123  | 647       | DAW12000089 | 8431      | 34.6      | 10.3      | 492.6     | 236.3     | 305.58    | 714       | 8         | 44.22     | 37.3      | 8.43      | 19.8      | 1.13      | 124.9     |
| 1302514    | 30/06/2012  | NAD 83 - 7 | 7181112  | 500831  | 812       | DAW12000117 | 90        | 10.2      | 0.7       | 153.1     | 30.1      | 11.62     | 19        | 325       | 1.74      | 16.7      | 10.02     | 0.75      | 0.16      | 53.7      |
| 1302515    | 30/06/2012  | NAD 83 - 7 | 7181065  | 500922  | 813       | DAW12000117 | 46        | 23.6      | 1         | 234.6     | 31.6      | 17.68     | 27        | 255       | 1.56      | 31.5      | 9.65      | 0.79      | 0.13      | 51.2      |



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302516    | 30/06/2012  | NAD 83 - 7 | 7181010  | 501000  | 819       | DAW12000117 | 118       | 18        | 1.9       | 116.8     | 22.4      | 14.31     | 36        | 143       | 1.54      | 15.2      | 8.84      | 1.04      | 0.13      | 33.8      |
| 1302517    | 30/06/2012  | NAD 83 - 7 | 7180925  | 501064  | 828       | DAW12000117 | 66        | 15.8      | 0.9       | 132       | 22.4      | 16.14     | 27        | 375       | 1.21      | 14.7      | 6.4       | 0.41      | 0.14      | 32.6      |
| 1302518    | 30/06/2012  | NAD 83 - 7 | 7180867  | 501142  | 853       | DAW12000117 | 57        | 6.5       | 1.9       | 400       | 25.4      | 15.59     | 45        | 2413      | 1.73      | 20.6      | 8.32      | 0.54      | 0.16      | 45.9      |
| 1302519    | 30/06/2012  | NAD 83 - 7 | 7180818  | 501230  | 866       | DAW12000117 | 71        | 16.7      | 0.8       | 95.4      | 31.8      | 38.55     | 27        | 439       | 1.23      | 31.6      | 5.06      | 0.3       | 0.08      | 63.4      |
| 1302520    | 30/06/2012  | NAD 83 - 7 | 7180770  | 501317  | 882       | DAW12000117 | 67        | 14.3      | 0.7       | 41.2      | 19.5      | 21.54     | 18        | 203       | 0.57      | 26.1      | 2.8       | 0.35      | 0.04      | 47        |
| 1302521    | 30/06/2012  | NAD 83 - 7 | 7180758  | 501415  | 928       | DAW12000117 | 92        | 6.9       | 0.9       | 200.8     | 33.4      | 29.06     | 73        | 690       | 2.69      | 28.3      | 18.45     | 0.57      | 0.12      | 59.5      |
| 1302522    | 30/06/2012  | NAD 83 - 7 | 7180789  | 501519  | 960       | DAW12000117 | 143       | 7.9       | 1.4       | 193.4     | 30.2      | 23.24     | 62        | 1142      | 1.85      | 23.8      | 13.18     | 0.67      | 0.15      | 81.6      |
| 1302523    | 30/06/2012  | NAD 83 - 7 | 7180779  | 501604  | 967       | DAW12000117 | 100       | 8.4       | 1.3       | 228       | 26.9      | 24.21     | 53        | 1259      | 1.56      | 24.6      | 10.42     | 0.62      | 0.14      | 79.3      |
| 1302524    | 30/06/2012  | NAD 83 - 7 | 7180722  | 501690  | 956       | DAW12000117 | 61        | 10.5      | 1.9       | 177.8     | 24.3      | 21.23     | 44        | 582       | 1.49      | 23.9      | 8.02      | 0.6       | 0.12      | 59.3      |
| 1302525    | 30/06/2012  | NAD 83 - 7 | 7180697  | 501766  | 961       | DAW12000117 | 89        | 13        | 3.7       | 171.9     | 32.4      | 26.93     | 54        | 275       | 1.56      | 32.6      | 10.3      | 0.84      | 0.13      | 63.3      |
| 1302526    | 30/06/2012  | NAD 83 - 7 | 7180590  | 501753  | 927       | DAW12000117 | 86        | 9.2       | 0.5       | 115.1     | 23.1      | 35.42     | 28        | 480       | 1.69      | 23.9      | 7.75      | 0.33      | 0.15      | 54        |
| 1302527    | 30/06/2012  | NAD 83 - 7 | 7180504  | 501805  | 910       | DAW12000117 | 77        | 9.1       | 0.6       | 152.8     | 28.1      | 13.08     | 35        | 261       | 1.33      | 21.4      | 7.63      | 0.55      | 0.16      | 50.5      |
| 1302528    | 30/06/2012  | NAD 83 - 7 | 7180441  | 501884  | 890       | DAW12000117 | 38        | 1.3       | 0.3       | 141.4     | 21        | 33.2      | 17        | 300       | 0.95      | 26.5      | 3.67      | 0.31      | 0.11      | 42.2      |
| 1302529    | 30/06/2012  | NAD 83 - 7 | 7180364  | 501953  | 883       | DAW12000117 | 97        | 6.6       | 0.6       | 206.6     | 24.4      | 20.31     | 39        | 760       | 1.69      | 26.3      | 8.34      | 0.48      | 0.12      | 47.8      |
| 1302530    | 30/06/2012  | NAD 83 - 7 | 7180317  | 502042  | 872       | DAW12000117 | 95        | 7.9       | 0.4       | 110       | 19.2      | 23.79     | 25        | 242       | 0.97      | 18.2      | 5.18      | 0.42      | 0.13      | 45.6      |
| 1302531    | 30/06/2012  | NAD 83 - 7 | 7180238  | 502110  | 862       | DAW12000117 | 57        | 9.3       | 0.9       | 137.8     | 23.2      | 14        | 22        | 289       | 1.47      | 14.3      | 10.02     | 0.56      | 0.14      | 65.3      |
| 1302532    | 30/06/2012  | NAD 83 - 7 | 7180169  | 502189  | 888       | DAW12000117 | 63        | 6.1       | 1         | 316       | 20.6      | 11.23     | 46        | 1132      | 1.24      | 14        | 5.04      | 0.41      | 0.12      | 53.6      |
| 1302533    | 30/06/2012  | NAD 83 - 7 | 7180114  | 502269  | 912       | DAW12000117 | 80        | 4.1       | 0.9       | 362.4     | 19.2      | 10.34     | 19        | 351       | 1.1       | 12.2      | 6.84      | 0.44      | 0.13      | 53.8      |
| 1302534    | 01/07/2012  | NAD 83 - 7 | 7179446  | 505859  | 558       | DAW12000117 | 48        | 12        | 2.6       | 173       | 29.3      | 26.47     | 42        | 229       | 3.78      | 27.5      | 15.26     | 1.09      | 0.16      | 102.6     |
| 1302535    | 01/07/2012  | NAD 83 - 7 | 7179363  | 505915  | 585       | DAW12000117 | 56        | 6.6       | 0.7       | 156.7     | 18        | 15.67     | 16        | 103       | 1.72      | 10.9      | 8.31      | 0.6       | 0.11      | 28.2      |
| 1302536    | 01/07/2012  | NAD 83 - 7 | 7179278  | 505962  | 614       | DAW12000117 | 57        | 10.7      | 5         | 284.7     | 36.7      | 19.02     | 30        | 214       | 2.21      | 25.5      | 10.89     | 0.87      | 0.14      | 54.6      |
| 1302537    | 01/07/2012  | NAD 83 - 7 | 7179214  | 506038  | 642       | DAW12000117 | 57        | 7.4       | 1         | 233.1     | 23.7      | 83.57     | 51        | 253       | 2.12      | 75.4      | 11.82     | 1.01      | 0.16      | 117.3     |
| 1302538    | 01/07/2012  | NAD 83 - 7 | 7179131  | 506102  | 652       | DAW12000117 | 39        | 6.6       | 1.6       | 111.6     | 18.4      | 8.55      | 13        | 164       | 1.92      | 7.5       | 7.58      | 0.47      | 0.14      | 32.1      |
| 1302539    | 01/07/2012  | NAD 83 - 7 | 7179033  | 506129  | 659       | DAW12000117 | 384       | 10.3      | 1.1       | 160.4     | 29.8      | 17.01     | 49        | 41        | 8.58      | 8.4       | 11.93     | 3.55      | 0.4       | 52        |
| 1302540    | 01/07/2012  | NAD 83 - 7 | 7178936  | 506150  | 664       | DAW12000117 | 34        | 11.6      | 2.8       | 122.7     | 30.1      | 12.6      | 36        | 243       | 2.25      | 24.6      | 10.09     | 1.19      | 0.15      | 77        |
| 1302541    | 01/07/2012  | NAD 83 - 7 | 7178837  | 506171  | 687       | DAW12000117 | 313       | 2         | 0.9       | 88.2      | 7.3       | 7.8       | 24        | 25        | 2.44      | 3.3       | 3.73      | 1.17      | 0.15      | 14.7      |
| 1302542    | 01/07/2012  | NAD 83 - 7 | 7178741  | 506183  | 712       | DAW12000117 | 43        | 8.9       | 1.9       | 192       | 23.8      | 11.86     | 32        | 124       | 1.35      | 12.5      | 10.86     | 0.62      | 0.14      | 37.8      |
| 1302543    | 01/07/2012  | NAD 83 - 7 | 7178653  | 506221  | 728       | DAW12000117 | 65        | 9.6       | 0.9       | 103.3     | 23.8      | 36.63     | 44        | 244       | 1.88      | 34.1      | 13.65     | 0.92      | 0.14      | 88.3      |
| 1302544    | 01/07/2012  | NAD 83 - 7 | 7178598  | 506308  | 736       | DAW12000117 | 810       | 20.9      | 4.2       | 278.3     | 38.8      | 24.59     | 106       | 289       | 6.16      | 34.8      | 23.38     | 1.14      | 0.19      | 53.4      |
| 1302545    | 01/07/2012  | NAD 83 - 7 | 7178512  | 506348  | 758       | DAW12000117 | 726       | 31.1      | 4.2       | 109.7     | 16.5      | 70.83     | 104       | 180       | 18.73     | 38.4      | 28.51     | 4.91      | 0.32      | 172.8     |
| 1302546    | 01/07/2012  | NAD 83 - 7 | 7178442  | 506374  | 776       | DAW12000117 | 290       | 29.1      | 5.7       | 919.8     | 14.6      | 105.67    | 304       | 4103      | 2.86      | 67.5      | 37.23     | 2.17      | 0.3       | 349.6     |
| 1302547    | 01/07/2012  | NAD 83 - 7 | 7178495  | 506461  | 751       | DAW12000117 | 234       | 14        | 5.7       | 168.2     | 27.2      | 23.94     | 57        | 149       | 2.63      | 22        | 13.74     | 0.91      | 0.14      | 37.9      |
| 1302548    | 01/07/2012  | NAD 83 - 7 | 7178511  | 506557  | 705       | DAW12000117 | 376       | 11.4      | 5         | 1294.6    | 30.8      | 34.35     | 70        | 235       | 2.74      | 30.5      | 19.03     | 0.96      | 0.18      | 67.2      |
| 1302549    | 01/07/2012  | NAD 83 - 7 | 7178598  | 506669  | 651       | DAW12000117 | 552       | 14.1      | 2.1       | 259.5     | 21.2      | 53.4      | 80        | 380       | 7.95      | 38        | 23.71     | 2.66      | 0.17      | 110.2     |
| 1302550    | 01/07/2012  | NAD 83 - 7 | 7178963  | 506918  | 738       | DAW12000117 | 337       | 15.1      | 2.2       | 141.2     | 31.8      | 17.67     | 77        | 139       | 3.54      | 22.3      | 9.17      | 1.43      | 0.15      | 54.9      |
| 1302551    | 01/07/2012  | NAD 83 - 7 | 7178944  | 506822  | 727       | DAW12000117 | 494       | 15.9      | 2.7       | 198.8     | 43.7      | 14.53     | 33        | 127       | 9.81      | 15.1      | 20.63     | 3.29      | 0.62      | 83.3      |
| 1302552    | 01/07/2012  | NAD 83 - 7 | 7178943  | 506719  | 702       | DAW12000117 | 341       | 20.9      | 2.2       | 306.6     | 26.2      | 16.62     | 66        | 92        | 11.26     | 16.1      | 15.09     | 3.86      | 0.39      | 75.4      |
| 1302553    | 01/07/2012  | NAD 83 - 7 | 7178934  | 506614  | 699       | DAW12000117 | 84        | 6.9       | 6.5       | 296.1     | 18.6      | 142.82    | 91        | 1749      | 3.59      | 79.6      | 11.02     | 2.42      | 0.24      | 665.4     |
| 1302554    | 01/07/2012  | NAD 83 - 7 | 7178967  | 506520  | 681       | DAW12000117 | 197       | 9.1       | 8.6       | 703.5     | 41.9      | 318.27    | 128       | 1333      | 35.39     | 143.7     | 23.13     | 3.84      | 0.61      | 1196.9    |
| 1302555    | 01/07/2012  | NAD 83 - 7 | 7179017  | 506433  | 646       | DAW12000117 | 84        | 8.8       | 1.9       | 236.1     | 22.4      | 17.86     | 47        | 147       | 2.4       | 18.3      | 9.75      | 1.55      | 0.18      | 45.2      |
| 1302556    | 01/07/2012  | NAD 83 - 7 | 7179089  | 506341  | 617       | DAW12000117 | 30        | 12.2      | 3.7       | 228       | 35.9      | 29.1      | 31        | 218       | 2.47      | 34.9      | 10.96     | 0.91      | 0.17      | 97.2      |
| 1302557    | 02/07/2012  | NAD 83 - 7 | 7181149  | 505501  | 818       | DAW12000117 | 38        | 10.2      | 1.3       | 160       | 29.3      | 14.03     | 24        | 379       | 1.86      | 20.5      | 11.32     | 0.79      | 0.16      | 63.5      |
| 1302558    | 02/07/2012  | NAD 83 - 7 | 7181244  | 505530  | 768       | DAW12000117 | 82        | 5.2       | 0.6       | 159.8     | 13.8      | 12.88     | 27        | 391       | 1.01      | 7.9       | 8.53      | 0.26      | 0.09      | 30.4      |
| 1302559    | 02/07/2012  | NAD 83 - 7 | 7181333  | 505576  | 718       | DAW12000117 | 64        | 6         | 0.7       | 151.5     | 17.8      | 10.33     | 25        | 316       | 1.48      | 9.8       | 9.78      | 0.49      | 0.1       | 32.8      |
| 1302560    | 02/07/2012  | NAD 83 - 7 | 7181432  | 505608  | 685       | DAW12000117 | 77        | 13.4      | 1.2       | 239.1     | 22.4      | 17.24     | 18        | 205       | 1.82      | 15.5      | 15.23     | 0.9       | 0.16      | 68.7      |
| 1302561    | 02/07/2012  | NAD 83 - 7 | 7181512  | 505677  | 638       | DAW12000117 | 452       | 11.5      | 0.9       | 194.5     | 24.5      | 31.44     | 144       | 98        | 5.61      | 27.1      | 42.34     | 0.57      | 0.32      | 151.5     |
| 1302562    | 02/07/2012  | NAD 83 - 7 | 7181610  | 505717  | 623       | DAW12000117 | 163       | 2.1       | 0.4       | 149.6     | 10.8      | 10.29     | 20        | 115       | 0.71      | 7         | 7.88      | 0.27      | 0.09      | 37.5      |
| 1302563    | 02/07/2012  | NAD 83 - 7 | 7181710  | 505746  | 604       | DAW12000117 | 249       | 21        | 2.3       | 248.6     | 43.1      | 30.52     | 45        | 150       | 13.98     | 33.3      | 21.89     | 5.35      | 0.56      | 109.4     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302564    | 02/07/2012  | NAD 83 - 7 | 7181811  | 505751  | 603       | DAW12000117 | 1223      | 39.2      | 18.1      | 366.8     | 49.5      | 26.38     | 154       | 132       | 4.03      | 15.1      | 29.67     | 2.68      | 0.44      | 43.7      |
| 1302565    | 02/07/2012  | NAD 83 - 7 | 7181473  | 506249  | 483       | DAW12000117 | 1678      | 23.6      | 2.6       | 471.4     | 22.5      | 209.47    | 303       | 196       | 38.99     | 65        | 87.33     | 15.25     | 0.8       | 469.2     |
| 1302566    | 02/07/2012  | NAD 83 - 7 | 7181398  | 506186  | 528       | DAW12000117 | 370       | 7.4       | 2.3       | 268.4     | 26.1      | 35.33     | 43        | 317       | 2.2       | 28.8      | 21.09     | 0.87      | 0.19      | 137.3     |
| 1302567    | 02/07/2012  | NAD 83 - 7 | 7181344  | 506102  | 581       | DAW12000117 | 142       | 7.2       | 1         | 162.5     | 27.9      | 15.68     | 15        | 195       | 1.92      | 19        | 13.61     | 0.74      | 0.19      | 107.1     |
| 1302568    | 02/07/2012  | NAD 83 - 7 | 7181301  | 506007  | 620       | DAW12000117 | 110       | 8         | 0.8       | 178.9     | 27        | 11.99     | 15        | 220       | 2.1       | 15.5      | 12.85     | 0.74      | 0.19      | 100.1     |
| 1302569    | 02/07/2012  | NAD 83 - 7 | 7181232  | 505934  | 652       | DAW12000117 | 364       | 6.9       | 1         | 182.3     | 22.6      | 12.66     | 10        | 312       | 1.69      | 13.5      | 12.82     | 0.64      | 0.2       | 74.1      |
| 1302570    | 02/07/2012  | NAD 83 - 7 | 7181181  | 505855  | 667       | DAW12000117 | 38        | 17.6      | 0.6       | 209.4     | 23.1      | 22        | 12        | 636       | 2.19      | 20.1      | 10.26     | 0.67      | 0.15      | 97.1      |
| 1302571    | 02/07/2012  | NAD 83 - 7 | 7181145  | 505766  | 710       | DAW12000117 | 137       | 5         | 0.6       | 473.5     | 23.4      | 17.52     | 46        | 1836      | 1.67      | 15.6      | 10.33     | 0.36      | 0.15      | 70.5      |
| 1302572    | 02/07/2012  | NAD 83 - 7 | 7181145  | 505676  | 742       | DAW12000117 | 50        | 13.4      | 1.4       | 237.2     | 32.3      | 16.93     | 26        | 408       | 2.45      | 24.3      | 11.64     | 0.98      | 0.2       | 78.2      |
| 1302573    | 02/07/2012  | NAD 83 - 7 | 7181133  | 505579  | 788       | DAW12000117 | 80        | 13.7      | 2.1       | 288.4     | 38.3      | 26        | 39        | 485       | 3.25      | 35.1      | 14.69     | 1.2       | 0.22      | 70.2      |
| 1302574    | 02/07/2012  | NAD 83 - 7 | 7181076  | 505440  | 848       | DAW12000117 | 56        | 10.4      | 1.6       | 547.4     | 25.1      | 25.51     | 37        | 713       | 1.06      | 28.3      | 9.73      | 0.36      | 0.1       | 99.2      |
| 1302575    | 02/07/2012  | NAD 83 - 7 | 7181032  | 505354  | 867       | DAW12000117 | 47        | 3.4       | 0.9       | 252.8     | 19.1      | 14.41     | 25        | 291       | 1.02      | 12.4      | 6.4       | 0.25      | 0.13      | 41.8      |
| 1302576    | 03/07/2012  | NAD 83 - 7 | 7179208  | 504835  | 645       | DAW12000117 | 281       | 15.2      | 1.2       | 208.8     | 26.3      | 15.25     | 22        | 170       | 2.32      | 13.3      | 13.49     | 0.64      | 0.18      | 32.6      |
| 1302577    | 03/07/2012  | NAD 83 - 7 | 7179133  | 504780  | 694       | DAW12000117 | 64        | 8.4       | 1.2       | 169.6     | 21.3      | 7.69      | 13        | 163       | 1.63      | 11.5      | 8.85      | 0.58      | 0.11      | 29.5      |
| 1302578    | 03/07/2012  | NAD 83 - 7 | 7179100  | 504686  | 742       | DAW12000117 | 70        | 6.1       | 6.6       | 207.2     | 21.3      | 11.04     | 14        | 588       | 1.4       | 9.8       | 8.07      | 0.47      | 0.17      | 36.6      |
| 1302579    | 03/07/2012  | NAD 83 - 7 | 7179035  | 504607  | 783       | DAW12000117 | 89        | 12.8      | 0.6       | 170.3     | 25.4      | 13.94     | 24        | 221       | 2.09      | 17.4      | 9.66      | 0.76      | 0.14      | 39.6      |
| 1302580    | 03/07/2012  | NAD 83 - 7 | 7179003  | 504516  | 829       | DAW12000117 | 91        | 6.9       | 1.5       | 183.1     | 21        | 15.23     | 27        | 393       | 1.42      | 12.4      | 7.17      | 0.51      | 0.14      | 41.5      |
| 1302581    | 03/07/2012  | NAD 83 - 7 | 7178962  | 504420  | 875       | DAW12000117 | 75        | 12.7      | 3.9       | 276.4     | 30.3      | 15.41     | 32        | 265       | 1.92      | 22.1      | 11.4      | 0.81      | 0.13      | 42.7      |
| 1302582    | 03/07/2012  | NAD 83 - 7 | 7178926  | 504298  | 867       | DAW12000117 | 60        | 9.7       | 3.9       | 166.5     | 28.7      | 22.92     | 43        | 440       | 1.72      | 23.7      | 8.55      | 0.51      | 0.13      | 52.4      |
| 1302583    | 03/07/2012  | NAD 83 - 7 | 7178832  | 504253  | 830       | DAW12000117 | 23        | 11.2      | 1.5       | 229.6     | 28.5      | 16.62     | 30        | 217       | 1.22      | 23        | 8.29      | 0.52      | 0.1       | 44.4      |
| 1302584    | 03/07/2012  | NAD 83 - 7 | 7178730  | 504223  | 816       | DAW12000117 | 8         | 9.5       | 2.9       | 162.6     | 34.6      | 23.24     | 35        | 207       | 1.4       | 19.9      | 10.08     | 0.71      | 0.13      | 37.6      |
| 1302585    | 03/07/2012  | NAD 83 - 7 | 7178626  | 504188  | 816       | DAW12000117 | 70        | 2.3       | 0.8       | 249.8     | 11.2      | 7.89      | 17        | 204       | 0.65      | 3.8       | 6.94      | 0.12      | 0.11      | 13.8      |
| 1302586    | 03/07/2012  | NAD 83 - 7 | 7178526  | 504174  | 851       | DAW12000117 | 307       | 31.7      | 2.9       | 64.7      | 3.5       | 36.93     | 100       | 1148      | 14.26     | 19.6      | 14.16     | 1.11      | 0.14      | 20.1      |
| 1302587    | 03/07/2012  | NAD 83 - 7 | 7178436  | 504140  | 909       | DAW12000117 | 121       | 9.9       | 2.5       | 173.8     | 27.3      | 18.11     | 46        | 418       | 1.09      | 25.5      | 16.55     | 0.46      | 0.12      | 45.2      |
| 1302588    | 03/07/2012  | NAD 83 - 7 | 7178264  | 504229  | 951       | DAW12000117 | 113       | 8.9       | 0.9       | 139.9     | 31.4      | 17.33     | 40        | 427       | 0.96      | 21.6      | 16.29     | 0.41      | 0.11      | 44.6      |
| 1302589    | 03/07/2012  | NAD 83 - 7 | 7178211  | 504320  | 961       | DAW12000117 | 203       | 9.1       | 1.1       | 224.9     | 26.2      | 23.66     | 65        | 600       | 0.9       | 28        | 17.37     | 0.45      | 0.11      | 49.4      |
| 1302590    | 03/07/2012  | NAD 83 - 7 | 7178163  | 504410  | 950       | DAW12000117 | 163       | 10.5      | 1.9       | 199.7     | 32.1      | 22.87     | 45        | 439       | 1.14      | 26        | 14.05     | 0.55      | 0.1       | 49        |
| 1302591    | 03/07/2012  | NAD 83 - 7 | 7178129  | 504506  | 937       | DAW12000117 | 105       | 9.7       | 3.6       | 204.3     | 29        | 19.38     | 49        | 767       | 0.85      | 26.9      | 19.22     | 0.42      | 0.11      | 47.1      |
| 1302592    | 03/07/2012  | NAD 83 - 7 | 7178084  | 504598  | 941       | DAW12000117 | 229       | 8         | 1.3       | 133.9     | 19.7      | 23.04     | 69        | 694       | 0.74      | 24.8      | 15.76     | 0.41      | 0.09      | 38.6      |
| 1302593    | 03/07/2012  | NAD 83 - 7 | 7178017  | 504716  | 934       | DAW12000117 | 163       | 10.9      | 2.4       | 221.1     | 34.1      | 16.18     | 57        | 380       | 0.97      | 25.7      | 12.17     | 0.44      | 0.11      | 48.5      |
| 1302594    | 03/07/2012  | NAD 83 - 7 | 7177972  | 504807  | 930       | DAW12000117 | 113       | 10.9      | 2.2       | 201.5     | 33        | 15.88     | 66        | 486       | 0.92      | 27.8      | 11.38     | 0.44      | 0.1       | 50.1      |
| 1302595    | 03/07/2012  | NAD 83 - 7 | 7177922  | 504897  | 926       | DAW12000117 | 40        | 9         | 2.4       | 161.7     | 25.6      | 13.48     | 21        | 244       | 0.87      | 20        | 9.29      | 0.49      | 0.13      | 38.6      |
| 1302596    | 03/07/2012  | NAD 83 - 7 | 7177869  | 504991  | 922       | DAW12000117 | 348       | 10.2      | 4.3       | 147.5     | 24.3      | 25.35     | 100       | 1062      | 1         | 29.5      | 15        | 0.81      | 0.12      | 49        |
| 1302597    | 03/07/2012  | NAD 83 - 7 | 7177823  | 505085  | 916       | DAW12000117 | 217       | 9.5       | 3.6       | 229.5     | 32.8      | 17.57     | 47        | 822       | 0.88      | 25.6      | 14.82     | 0.62      | 0.12      | 51        |
| 1302598    | 03/07/2012  | NAD 83 - 7 | 7177770  | 505184  | 914       | DAW12000117 | 137       | 7.4       | 3.7       | 182.3     | 21.3      | 15.62     | 32        | 858       | 0.64      | 17.6      | 7.78      | 0.42      | 0.06      | 46.7      |
| 1302599    | 03/07/2012  | NAD 83 - 7 | 7177689  | 505357  | 935       | DAW12000117 | 335       | 5.9       | 4.3       | 184       | 9.8       | 18.65     | 64        | 699       | 0.81      | 10.1      | 7.91      | 0.71      | 0.11      | 28.4      |
| 1302600    | 03/07/2012  | NAD 83 - 7 | 7177649  | 505487  | 957       | DAW12000117 | 237       | 8.1       | 2.1       | 174.1     | 18        | 21.28     | 122       | 550       | 0.67      | 18.5      | 9.9       | 0.66      | 0.07      | 39        |
| 1302601    | 28/06/2012  | NAD 83 - 7 | 7182031  | 507172  | 518       | DAW12000089 | 4351      | 30        | 2.8       | 452.4     | 133.8     | 200.84    | 466       | 11        | 24.85     | 82.8      | 10.28     | 15.27     | 0.61      | 250       |
| 1302602    | 28/06/2012  | NAD 83 - 7 | 7181997  | 507267  | 541       | DAW12000089 | 758       | 4.9       | 4.2       | 312.3     | 18.1      | 25.65     | 36        | 24        | 4.34      | 9.4       | 11.41     | 0.62      | 0.5       | 118       |
| 1302603    | 28/06/2012  | NAD 83 - 7 | 7181943  | 507355  | 566       | DAW12000089 | 111       | 11.3      | 1.4       | 201.9     | 31.9      | 44.63     | 24        | 350       | 4.65      | 36.9      | 30.65     | 1.54      | 0.25      | 155.5     |
| 1302604    | 28/06/2012  | NAD 83 - 7 | 7181886  | 507440  | 585       | DAW12000089 | 488       | 10.7      | 2.9       | 602.9     | 31.1      | 44.78     | 92        | 165       | 3.83      | 35.3      | 26.83     | 1.47      | 0.2       | 146.6     |
| 1302605    | 28/06/2012  | NAD 83 - 7 | 7181840  | 507530  | 598       | DAW12000089 | 41        | 8.2       | 0.1       | 252.1     | 36.8      | 18.65     | 14        | 190       | 2.09      | 39.7      | 14.8      | 0.76      | 0.12      | 80.3      |
| 1302606    | 28/06/2012  | NAD 83 - 7 | 7181793  | 507621  | 612       | DAW12000089 | 405       | 7.2       | 4.8       | 334       | 30.5      | 46.75     | 90        | 191       | 2.72      | 32.2      | 23.78     | 1.03      | 0.19      | 112.6     |
| 1302607    | 28/06/2012  | NAD 83 - 7 | 7181722  | 507692  | 637       | DAW12000089 | 157       | 15.8      | 5.8       | 193.4     | 35.7      | 40.76     | 53        | 289       | 4.54      | 28.2      | 30.15     | 1.84      | 0.28      | 172       |
| 1302608    | 28/06/2012  | NAD 83 - 7 | 7181642  | 507754  | 663       | DAW12000089 | 241       | 12.3      | 6.2       | 207       | 39.7      | 23.34     | 49        | 321       | 2.65      | 37.8      | 17.62     | 1.26      | 0.17      | 72.5      |
| 1302609    | 28/06/2012  | NAD 83 - 7 | 7181564  | 507821  | 696       | DAW12000089 | 139       | 9         | 4.5       | 151.4     | 26.9      | 20.8      | 32        | 196       | 2.01      | 18.1      | 21.54     | 0.71      | 0.18      | 79        |
| 1302610    | 28/06/2012  | NAD 83 - 7 | 7181517  | 507909  | 734       | DAW12000089 | 385       | 11.2      | 2         | 207.2     | 20.1      | 27.84     | 98        | 185       | 4.7       | 20.5      | 31.83     | 0.75      | 0.26      | 93.8      |
| 1302611    | 28/06/2012  | NAD 83 - 7 | 7181430  | 507975  |           | DAW12000089 | 225       | 8.6       | 2.7       | 279.2     | 17.7      | 38.43     | 87        | 242       | 6.27      | 26.8      | 19.65     | 0.97      | 0.27      | 98.6      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302612    | 28/06/2012  | NAD 83 - 7 | 7181316  | 507975  | 821       | DAW12000089 | 45        | 11.3      | 2.7       | 210.4     | 26.2      | 18.52     | 8         | 152       | 2.36      | 14.5      | 13.07     | 0.91      | 0.13      | 48.5      |
| 1302613    | 30/06/2012  | NAD 83 - 7 | 7182286  | 501625  | 550       | DAW12000117 | 1379      | 9.9       | 3.2       | 486.3     | 34.8      | 115.95    | 77        | 19        | 19.82     | 24.7      | 42.27     | 11.42     | 1.19      | 154.6     |
| 1302614    | 30/06/2012  | NAD 83 - 7 | 7182188  | 501607  | 561       | DAW12000117 | 2764      | 24        | 4         | 1314.4    | 35.7      | 228.17    | 451       | 61        | 32.61     | 60.1      | 55.31     | 17.38     | 1.23      | 301.9     |
| 1302615    | 30/06/2012  | NAD 83 - 7 | 7182086  | 501630  | 579       | DAW12000117 | 156       | 10.6      | 8         | 205.3     | 31.2      | 18.7      | 32        | 158       | 5.2       | 36.6      | 10.84     | 1.77      | 0.15      | 340       |
| 1302616    | 30/06/2012  | NAD 83 - 7 | 7181991  | 501652  | 571       | DAW12000117 | 1276      | 14.8      | 1         | 287.3     | 19.4      | 16.43     | 21        | 23        | 4.63      | 17.1      | 43.76     | 0.66      | 0.29      | 92.8      |
| 1302617    | 30/06/2012  | NAD 83 - 7 | 7181895  | 501665  | 574       | DAW12000117 | 2255      | 29.3      | 3         | 498.7     | 40.6      | 72.33     | 75        | 120       | 18.59     | 111.9     | 49.55     | 14.84     | 0.56      | 641.4     |
| 1302618    | 30/06/2012  | NAD 83 - 7 | 7181794  | 501672  | 595       | DAW12000117 | 885       | 24.7      | 1.7       | 481.4     | 13.9      | 62.25     | 596       | 187       | 15.05     | 62.7      | 72.57     | 2.04      | 0.39      | 201       |
| 1302619    | 30/06/2012  | NAD 83 - 7 | 7181694  | 501682  | 626       | DAW12000117 | 1171      | 28.1      | 3         | 493.5     | 36.8      | 73.37     | 282       | 277       | 48.46     | 114.9     | 36.84     | 6.43      | 0.35      | 411.4     |
| 1302620    | 30/06/2012  | NAD 83 - 7 | 7181603  | 501649  | 651       | DAW12000117 | 461       | 10.2      | 4.3       | 148       | 33.5      | 29.35     | 66        | 207       | 2.09      | 31.7      | 11.74     | 0.74      | 0.15      | 76.8      |
| 1302621    | 30/06/2012  | NAD 83 - 7 | 7181502  | 501651  | 644       | DAW12000117 | 74        | 8.6       | 1.1       | 144.1     | 24.7      | 9.47      | 32        | 132       | 2.18      | 11.5      | 18.76     | 0.52      | 0.15      | 50.4      |
| 1302622    | 30/06/2012  | NAD 83 - 7 | 7181412  | 501616  | 670       | DAW12000117 | 37        | 11.6      | 3.4       | 145.2     | 32        | 14.99     | 34        | 242       | 1.9       | 19.5      | 15.36     | 0.83      | 0.14      | 57.2      |
| 1302623    | 30/06/2012  | NAD 83 - 7 | 7181322  | 501579  | 705       | DAW12000117 | 549       | 14.9      | 2         | 252.5     | 15        | 90.26     | 60        | 167       | 6.87      | 37.9      | 50.7      | 3.03      | 0.14      | 123.3     |
| 1302624    | 30/06/2012  | NAD 83 - 7 | 7181224  | 501545  | 774       | DAW12000117 | 78        | 6.3       | 0.7       | 155.8     | 21        | 21.38     | 49        | 379       | 1.2       | 19.5      | 7.34      | 0.49      | 0.1       | 45        |
| 1302625    | 30/06/2012  | NAD 83 - 7 | 7181126  | 501503  | 826       | DAW12000117 | 59        | 3.5       | 0.4       | 157.5     | 24.6      | 49.15     | 39        | 869       | 2.36      | 21.4      | 8.06      | 0.29      | 0.08      | 70.8      |
| 1302626    | 30/06/2012  | NAD 83 - 7 | 7181046  | 501547  | 871       | DAW12000117 | 63        | 7.9       | 0.3       | 171.8     | 24.3      | 18.32     | 58        | 691       | 1.46      | 18.1      | 8.53      | 0.54      | 0.09      | 53.3      |
| 1302627    | 30/06/2012  | NAD 83 - 7 | 7180943  | 501584  | 929       | DAW12000117 | 124       | 11        | 2.7       | 113.6     | 24.5      | 17.08     | 56        | 181       | 1.44      | 15.9      | 9.9       | 0.46      | 0.13      | 41.6      |
| 1302628    | 30/06/2012  | NAD 83 - 7 | 7180848  | 501573  | 962       | DAW12000117 | 63        | 8.7       | 1.7       | 190       | 24.4      | 14.7      | 50        | 373       | 1.27      | 18.6      | 10.3      | 0.53      | 0.11      | 65.2      |
| 1302629    | 01/07/2012  | NAD 83 - 7 | 7179854  | 505985  | 542       | DAW12000117 | 828       | 15.4      | 2.6       | 350.9     | 33.6      | 38.76     | 389       | 95        | 19.62     | 65.3      | 13.86     | 3.45      | 0.43      | 212.5     |
| 1302630    | 01/07/2012  | NAD 83 - 7 | 7179906  | 506067  | 581       | DAW12000117 | 244       | 10.4      | 2         | 194.9     | 36.5      | 37.1      | 48        | 580       | 3.5       | 55.6      | 13.16     | 1.13      | 0.2       | 203.4     |
| 1302631    | 01/07/2012  | NAD 83 - 7 | 7179943  | 506163  | 628       | DAW12000117 | 2542      | 28        | 38.2      | 523.3     | 91        | 372.36    | 1537      | 81        | 28.57     | 58.8      | 20.39     | 7.05      | 0.86      | 316.7     |
| 1302632    | 01/07/2012  | NAD 83 - 7 | 7180030  | 506206  | 650       | DAW12000117 | 1387      | 4.5       | 27.4      | 832.2     | 15.3      | 201.64    | 460       | 314       | 5.71      | 41.9      | 16.98     | 1.58      | 0.17      | 94.6      |
| 1302633    | 01/07/2012  | NAD 83 - 7 | 7180091  | 506293  | 665       | DAW12000117 | 111       | 14.5      | 2.5       | 147.3     | 28.3      | 31.75     | 45        | 556       | 4.52      | 38.3      | 16.23     | 1.69      | 0.17      | 118       |
| 1302634    | 01/07/2012  | NAD 83 - 7 | 7180145  | 506375  | 669       | DAW12000117 | 1408      | 10.5      | 6         | 142.7     | 11.6      | 67.79     | 205       | 133       | 5.12      | 53.5      | 19.06     | 2.49      | 0.15      | 266.7     |
| 1302635    | 01/07/2012  | NAD 83 - 7 | 7180189  | 506464  | 685       | DAW12000117 | 132       | 6.9       | 3.3       | 226.7     | 33.8      | 18.74     | 23        | 233       | 2         | 25.2      | 23.8      | 0.62      | 0.18      | 123       |
| 1302636    | 01/07/2012  | NAD 83 - 7 | 7180222  | 506559  | 712       | DAW12000117 | 193       | 10.3      | 0.3       | 181.7     | 28.4      | 18.2      | 20        | 180       | 3.01      | 22        | 16.55     | 1.18      | 0.17      | 106.8     |
| 1302637    | 01/07/2012  | NAD 83 - 7 | 7180276  | 506632  | 755       | DAW12000117 | 52        | 9.2       | 0.1       | 451.3     | 17.1      | 27.53     | 15        | 485       | 1.21      | 21.4      | 12.84     | 0.34      | 0.11      | 66.6      |
| 1302638    | 01/07/2012  | NAD 83 - 7 | 7179402  | 506981  | 855       | DAW12000117 | 260       | 10.4      | 4.7       | 1989.9    | 32.6      | 32.76     | 52        | 372       | 1.48      | 32.3      | 13.7      | 0.96      | 0.15      | 88        |
| 1302639    | 01/07/2012  | NAD 83 - 7 | 7179462  | 507065  | 832       | DAW12000117 | 343       | 10.8      | 5.3       | 2144.6    | 34.8      | 31.68     | 77        | 309       | 1.89      | 31.1      | 17.21     | 0.87      | 0.2       | 89.3      |
| 1302640    | 01/07/2012  | NAD 83 - 7 | 7179549  | 507116  | 828       | DAW12000117 | 286       | 9.8       | 5.2       | 1246.1    | 31.3      | 40.87     | 41        | 158       | 2.65      | 22.2      | 21.19     | 1         | 0.16      | 86.8      |
| 1302641    | 01/07/2012  | NAD 83 - 7 | 7179587  | 507209  | 830       | DAW12000117 | 356       | 8.8       | 3.4       | 1539.9    | 29.1      | 18.41     | 40        | 249       | 1.95      | 23.6      | 14.67     | 0.63      | 0.14      | 87.9      |
| 1302642    | 01/07/2012  | NAD 83 - 7 | 7179644  | 507288  | 870       | DAW12000117 | 986       | 10.7      | 17.1      | 2232.4    | 36.1      | 52.26     | 377       | 278       | 4.68      | 47.3      | 19.81     | 1.26      | 0.24      | 156.8     |
| 1302643    | 01/07/2012  | NAD 83 - 7 | 7179262  | 507516  | 891       | DAW12000117 | 34        | 7.6       | 2.3       | 132.7     | 21.2      | 17.82     | 35        | 194       | 1.86      | 14.7      | 10.32     | 0.54      | 0.12      | 50.6      |
| 1302644    | 01/07/2012  | NAD 83 - 7 | 7179191  | 507443  | 862       | DAW12000117 | 100       | 14        | 4.4       | 264.9     | 31.1      | 39.06     | 57        | 252       | 5.78      | 50.2      | 20.3      | 0.98      | 0.26      | 322.6     |
| 1302645    | 01/07/2012  | NAD 83 - 7 | 7179091  | 507432  | 806       | DAW12000117 | 142       | 10.8      | 20.3      | 283.5     | 28.4      | 20        | 38        | 147       | 2.03      | 21.2      | 10.11     | 0.86      | 0.15      | 56.5      |
| 1302646    | 01/07/2012  | NAD 83 - 7 | 7178995  | 507398  | 759       | DAW12000117 | 138       | 8.8       | 10.6      | 406.9     | 25.3      | 18.13     | 45        | 122       | 2.92      | 17.8      | 12.42     | 1.06      | 0.16      | 54.3      |
| 1302647    | 01/07/2012  | NAD 83 - 7 | 7178900  | 507363  | 735       | DAW12000117 | 132       | 9.9       | 3.5       | 161.1     | 28        | 19.8      | 56        | 287       | 1.51      | 26.6      | 9.57      | 0.76      | 0.13      | 57.7      |
| 1302648    | 01/07/2012  | NAD 83 - 7 | 7178803  | 507365  | 719       | DAW12000117 | 204       | 13.8      | 4.2       | 247.1     | 40.3      | 24.35     | 78        | 239       | 2.97      | 32.4      | 11.83     | 1.2       | 0.18      | 117.1     |
| 1302649    | 01/07/2012  | NAD 83 - 7 | 7178709  | 507402  | 701       | DAW12000117 | 160       | 18.9      | 3.9       | 460.5     | 26.1      | 39.76     | 48        | 316       | 4.34      | 28.7      | 14.36     | 1.46      | 0.17      | 173.7     |
| 1302650    | 01/07/2012  | NAD 83 - 7 | 7178608  | 507384  | 692       | DAW12000117 | 101       | 13.1      | 2.5       | 220.7     | 31.3      | 30.88     | 32        | 221       | 2         | 26.7      | 11.42     | 0.95      | 0.18      | 86.1      |
| 1302651    | 02/07/2012  | NAD 83 - 7 | 7178188  | 505294  | 732       | DAW12000117 | 28        | 11.5      | 2.9       | 207.1     | 33.9      | 13.03     | 40        | 236       | 1.58      | 23        | 11.17     | 0.71      | 0.12      | 47.6      |
| 1302652    | 02/07/2012  | NAD 83 - 7 | 7178204  | 505392  | 771       | DAW12000117 | 42        | 8.1       | 5.4       | 65.1      | 18.1      | 8.86      | 23        | 185       | 1.25      | 10.8      | 7.93      | 0.44      | 0.09      | 27.1      |
| 1302653    | 02/07/2012  | NAD 83 - 7 | 7178187  | 505488  | 821       | DAW12000117 | 38        | 8         | 1.6       | 106.7     | 19        | 14        | 12        | 233       | 1.45      | 9.9       | 7.96      | 0.44      | 0.12      | 31.8      |
| 1302654    | 02/07/2012  | NAD 83 - 7 | 7178175  | 505592  | 874       | DAW12000117 | 74        | 9.1       | 1.5       | 78.5      | 19.8      | 15.27     | 23        | 153       | 1.27      | 10.9      | 8.74      | 0.52      | 0.1       | 29.9      |
| 1302655    | 02/07/2012  | NAD 83 - 7 | 7178151  | 505685  | 908       | DAW12000117 | 37        | 10.2      | 1.9       | 147.1     | 24.8      | 15.28     | 36        | 285       | 1.39      | 15.4      | 10.06     | 0.49      | 0.12      | 38.9      |
| 1302656    | 02/07/2012  | NAD 83 - 7 | 7178165  | 505785  | 946       | DAW12000117 | 42        | 10.2      | 2.6       | 121.2     | 29.3      | 28.01     | 44        | 287       | 1.05      | 25        | 8.73      | 0.63      | 0.1       | 46.8      |
| 1302657    | 02/07/2012  | NAD 83 - 7 | 7178108  | 505881  | 982       | DAW12000117 | 78        | 4.4       | 3.1       | 98.3      | 16.3      | 12.66     | 43        | 74        | 0.78      | 8.3       | 6.33      | 0.2       | 0.09      | 19.7      |
| 1302658    | 02/07/2012  | NAD 83 - 7 | 7178282  | 505734  | 894       | DAW12000117 | 38        | 3.4       | 0.9       | 67.3      | 18.8      | 26.09     | 32        | 450       | 0.9       | 21.8      | 8.99      | 0.34      | 0.05      | 53.9      |
| 1302659    | 02/07/2012  | NAD 83 - 7 | 7178354  | 505705  | 880       | DAW12000117 | 9         | 7.5       | 1.3       | 125       | 15.4      | 5.77      | 21        | 93        | 0.89      | 7.5       | 7.48      | 0.47      | 0.08      | 21.4      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302660    | 02/07/2012  | NAD 83 - 7 | 7178431  | 505641  | 884       | DAW12000117 | 28        | 7.3       | 0.8       | 226.2     | 22        | 25.47     | 47        | 1186      | 1.02      | 24.7      | 6.57      | 0.35      | 0.12      | 61.8      |
| 1302661    | 02/07/2012  | NAD 83 - 7 | 7178536  | 505528  | 879       | DAW12000117 | 29        | 19.6      | 0.5       | 141       | 14.8      | 25.5      | 15        | 362       | 1.1       | 14.1      | 5.18      | 0.38      | 0.08      | 35.7      |
| 1302662    | 02/07/2012  | NAD 83 - 7 | 7178588  | 505439  | 852       | DAW12000117 | 31        | 12.5      | 1.8       | 266.7     | 17.2      | 10.85     | 16        | 871       | 1.06      | 10.7      | 7.72      | 0.34      | 0.1       | 37.7      |
| 1302663    | 02/07/2012  | NAD 83 - 7 | 7178633  | 505361  | 826       | DAW12000117 | 26        | 6.5       | 1.3       | 108.6     | 18.5      | 22.84     | 22        | 278       | 2.03      | 11.4      | 7.43      | 0.5       | 0.15      | 39        |
| 1302664    | 02/07/2012  | NAD 83 - 7 | 7178696  | 505286  | 802       | DAW12000117 | 58        | 13.9      | 1.2       | 156.2     | 30.5      | 28.95     | 42        | 271       | 1.41      | 27.1      | 14.09     | 0.59      | 0.12      | 44.4      |
| 1302665    | 02/07/2012  | NAD 83 - 7 | 7178797  | 505288  | 736       | DAW12000117 | 126       | 20.7      | 7.1       | 231.9     | 22.5      | 21.78     | 35        | 683       | 2.18      | 18.1      | 19.66     | 0.49      | 0.12      | 45.8      |
| 1302666    | 02/07/2012  | NAD 83 - 7 | 7178890  | 505257  | 680       | DAW12000117 | 109       | 8.5       | 0.8       | 97.1      | 15.4      | 13.41     | 17        | 325       | 1.99      | 9.3       | 12.92     | 0.45      | 0.12      | 23        |
| 1302667    | 02/07/2012  | NAD 83 - 7 | 7178993  | 505263  | 655       | DAW12000117 | 746       | 18        | 6.8       | 871.1     | 17.8      | 106.01    | 195       | 381       | 7.98      | 52.1      | 39.19     | 1.38      | 0.17      | 85.6      |
| 1302668    | 02/07/2012  | NAD 83 - 7 | 7179092  | 505256  | 626       | DAW12000117 | 920       | 11.1      | 5.9       | 770.7     | 25        | 120.72    | 208       | 630       | 7.17      | 76.6      | 23.79     | 0.94      | 0.15      | 101.2     |
| 1302669    | 02/07/2012  | NAD 83 - 7 | 7179190  | 505241  | 642       | DAW12000117 | 369       | 17.7      | 5.5       | 793.5     | 21.6      | 167.97    | 211       | 538       | 11.33     | 111.3     | 25.64     | 2.88      | 0.3       | 152.8     |
| 1302670    | 02/07/2012  | NAD 83 - 7 | 7179286  | 505248  | 618       | DAW12000117 | 2443      | 26.9      | 23.7      | 729.5     | 33.6      | 250.97    | 256       | 664       | 18.78     | 70.5      | 46.55     | 7.56      | 0.5       | 304.4     |
| 1302671    | 03/07/2012  | NAD 83 - 7 | 7180839  | 503435  | 562       | DAW12000117 | 111       | 9.6       | 3.3       | 108.3     | 27.4      | 16.22     | 30        | 192       | 1.66      | 17.7      | 19.23     | 0.62      | 0.13      | 52.4      |
| 1302673    | 03/07/2012  | NAD 83 - 7 | 7180766  | 503379  | 629       | DAW12000117 | 191       | 9.1       | 0.8       | 82.3      | 22        | 39.31     | 44        | 305       | 1.93      | 20        | 20.13     | 0.77      | 0.15      | 64.5      |
| 1302674    | 03/07/2012  | NAD 83 - 7 | 7180668  | 503371  | 637       | DAW12000117 | 1944      | 35.7      | 6         | 708.1     | 19.2      | 99.69     | 842       | 800       | 26.38     | 127       | 55.04     | 5.37      | 0.19      | 730.8     |
| 1302675    | 03/07/2012  | NAD 83 - 7 | 7180567  | 503365  | 667       | DAW12000117 | 48        | 9.2       | 18.7      | 83.3      | 22.6      | 11.8      | 31        | 114       | 2.1       | 8.5       | 10.91     | 0.58      | 0.16      | 30        |
| 1302676    | 03/07/2012  | NAD 83 - 7 | 7180498  | 503292  | 691       | DAW12000117 | 178       | 4.8       | 4         | 194.5     | 15.7      | 10.76     | 37        | 56        | 1.75      | 8.4       | 12.67     | 0.41      | 0.14      | 41.2      |
| 1302677    | 03/07/2012  | NAD 83 - 7 | 7180452  | 503205  | 732       | DAW12000117 | 533       | 8.4       | 2.4       | 346.2     | 20.4      | 52.82     | 114       | 270       | 4.01      | 29.8      | 22.14     | 0.87      | 0.13      | 97.4      |
| 1302678    | 03/07/2012  | NAD 83 - 7 | 7180367  | 503091  | 765       | DAW12000117 | 169       | 19.6      | 1.3       | 197.1     | 22        | 26.17     | 30        | 1070      | 3.18      | 19.8      | 28.16     | 0.64      | 0.17      | 60        |
| 1302679    | 03/07/2012  | NAD 83 - 7 | 7180308  | 503036  | 875       | DAW12000117 | 48        | 13.3      | 0.5       | 185.9     | 26.2      | 21.62     | 38        | 885       | 1.44      | 20        | 16.35     | 0.42      | 0.1       | 50.7      |
| 1302680    | 03/07/2012  | NAD 83 - 7 | 7180257  | 502945  | 942       | DAW12000117 | 40        | 4.9       | 0.4       | 138.8     | 18.7      | 12.04     | 34        | 943       | 0.76      | 26.6      | 5.17      | 0.25      | 0.06      | 29.4      |
| 1302681    | 03/07/2012  | NAD 83 - 7 | 7180242  | 502711  | 961       | DAW12000117 | 36        | 5.9       | 2.1       | 149.4     | 15.5      | 24.12     | 17        | 441       | 1.41      | 11.8      | 11.84     | 0.43      | 0.11      | 38        |
| 1302682    | 03/07/2012  | NAD 83 - 7 | 7180212  | 502607  | 919       | DAW12000117 | 37        | 7.7       | 2.4       | 436.1     | 26.2      | 18.74     | 14        | 432       | 1.46      | 20.3      | 9.98      | 0.62      | 0.13      | 51.8      |
| 1302683    | 03/07/2012  | NAD 83 - 7 | 7180166  | 502517  | 891       | DAW12000117 | 39        | 10.4      | 2.3       | 152.1     | 31.4      | 20.95     | 19        | 359       | 1.58      | 26        | 10.11     | 0.67      | 0.13      | 53.8      |
| 1302684    | 03/07/2012  | NAD 83 - 7 | 7180131  | 502426  | 873       | DAW12000117 | 55        | 9         | 1.6       | 246.7     | 33.1      | 20.85     | 17        | 1039      | 2.09      | 21.5      | 8.78      | 0.5       | 0.15      | 58.8      |
| 1302685    | 03/07/2012  | NAD 83 - 7 | 7180120  | 502343  |           | DAW12000117 | 61        | 13        | 5.8       | 181.3     | 35.1      | 25.67     | 48        | 248       | 1.34      | 25.8      | 10.17     | 0.76      | 0.14      | 56.3      |
| 1302686    | 03/07/2012  | NAD 83 - 7 | 7180573  | 502493  | 775       | DAW12000117 | 31        | 9.7       | 1.9       | 160.4     | 31.9      | 12.88     | 36        | 279       | 1.79      | 20.8      | 12        | 0.71      | 0.13      | 45.7      |
| 1302687    | 03/07/2012  | NAD 83 - 7 | 7180495  | 502555  | 804       | DAW12000117 | 27        | 10.6      | 3         | 150.2     | 31.8      | 24.18     | 16        | 256       | 1.03      | 28.8      | 9.42      | 0.64      | 0.11      | 56.3      |
| 1302688    | 03/07/2012  | NAD 83 - 7 | 7180401  | 502592  | 844       | DAW12000117 | 68        | 17.9      | 0.1       | 92.7      | 25.6      | 33.96     | 9         | 432       | 0.55      | 31.5      | 9.9       | 0.28      | 0.01      | 77.2      |
| 1302689    | 03/07/2012  | NAD 83 - 7 | 7180303  | 502619  | 902       | DAW12000117 | 60        | 22.2      | 2.8       | 121.9     | 23.8      | 29.31     | 28        | 580       | 1.26      | 24.6      | 15.89     | 0.56      | 0.1       | 63.2      |
| 1302690    | 04/07/2012  | NAD 83 - 7 | 7179699  | 503539  | 907       | DAW12000117 | 25        | 9.9       | 0.6       | 209       | 16        | 20.09     | 13        | 286       | 0.51      | 19.7      | 1.74      | 0.08      | 0.05      | 36.4      |
| 1302691    | 04/07/2012  | NAD 83 - 7 | 7179760  | 503458  | 884       | DAW12000117 | 27        | 4.2       | 0.9       | 205.6     | 21.5      | 21.86     | 22        | 571       | 1.28      | 20.4      | 5.71      | 0.25      | 0.08      | 57.5      |
| 1302692    | 04/07/2012  | NAD 83 - 7 | 7179825  | 503384  | 897       | DAW12000117 | 44        | 6.9       | 2.4       | 195.9     | 26.9      | 13.2      | 33        | 269       | 1.21      | 26.7      | 7.52      | 0.59      | 0.09      | 48.7      |
| 1302693    | 04/07/2012  | NAD 83 - 7 | 7179853  | 503288  | 887       | DAW12000117 | 45        | 5.7       | 2.1       | 210.7     | 22.4      | 16.79     | 17        | 674       | 1.41      | 12.6      | 7.3       | 0.35      | 0.17      | 30.3      |
| 1302694    | 04/07/2012  | NAD 83 - 7 | 7179860  | 503185  | 900       | DAW12000117 | 59        | 2.8       | 0.7       | 135.4     | 19.9      | 24.88     | 24        | 324       | 0.71      | 23        | 5.66      | 0.28      | 0.11      | 46.8      |
| 1302695    | 04/07/2012  | NAD 83 - 7 | 7179873  | 503073  | 910       | DAW12000117 | 47        | 7.7       | 2.8       | 254.7     | 29.4      | 14.35     | 28        | 225       | 1.69      | 14        | 11.82     | 0.57      | 0.2       | 35.7      |
| 1302696    | 04/07/2012  | NAD 83 - 7 | 7179938  | 502998  | 919       | DAW12000117 | 172       | 10.3      | 0.7       | 280.5     | 34        | 26.61     | 45        | 492       | 1.65      | 33.1      | 12.61     | 0.72      | 0.15      | 70.3      |
| 1302697    | 04/07/2012  | NAD 83 - 7 | 7179991  | 502916  | 931       | DAW12000117 | 50        | 10.2      | 2.6       | 297.7     | 30.8      | 13.94     | 33        | 300       | 1.7       | 18.8      | 11.42     | 0.66      | 0.13      | 49.3      |
| 1302698    | 04/07/2012  | NAD 83 - 7 | 7180051  | 502825  | 944       | DAW12000117 | 49        | 10.2      | 1.4       | 205.9     | 32.1      | 15.6      | 18        | 374       | 1.86      | 17.9      | 11.72     | 0.68      | 0.16      | 50.5      |
| 1302699    | 04/07/2012  | NAD 83 - 7 | 7179034  | 503248  | 721       | DAW12000117 | 465       | 18.5      | 3         | 150.1     | 37.1      | 70.73     | 21        | 480       | 18.92     | 54.6      | 21.53     | 4.25      | 0.31      | 38.1      |
| 1302700    | 04/07/2012  | NAD 83 - 7 | 7179093  | 503336  | 760       | DAW12000117 | 135       | 20.1      | 0.1       | 219.6     | 28.4      | 32.94     | 9         | 333       | 5.31      | 28.6      | 11.35     | 1.49      | 0.22      | 38.4      |
| 1302701    | 01/07/2012  | NAD 83 - 7 | 7179579  | 506268  | 701       | DAW12000117 | 144       | 7.6       | 0.9       | 199.5     | 29.5      | 14.17     | 17        | 156       | 1.63      | 16.8      | 11.57     | 0.65      | 0.16      | 62.8      |
| 1302702    | 01/07/2012  | NAD 83 - 7 | 7179579  | 506374  | 727       | DAW12000117 | 332       | 12.6      | 9.7       | 204       | 36        | 30.01     | 91        | 213       | 2.1       | 36.3      | 10.97     | 1.13      | 0.18      | 60.4      |
| 1302703    | 01/07/2012  | NAD 83 - 7 | 7179556  | 506476  | 729       | DAW12000117 | 163       | 7.8       | 1.6       | 423.8     | 22.4      | 13.12     | 12        | 133       | 3.03      | 16.5      | 14.25     | 0.85      | 0.17      | 74.2      |
| 1302704    | 01/07/2012  | NAD 83 - 7 | 7179539  | 506582  | 739       | DAW12000117 | 2581      | 11.9      | 51.5      | 1161.9    | 40        | 88.24     | 373       | 539       | 10.19     | 82.1      | 70.37     | 3.63      | 0.58      | 334.7     |
| 1302705    | 01/07/2012  | NAD 83 - 7 | 7179507  | 506688  | 737       | DAW12000117 | 280       | 8.1       | 11        | 1728.4    | 37.7      | 57.78     | 57        | 590       | 2.46      | 30.7      | 20.25     | 1.08      | 0.25      | 127.6     |
| 1302706    | 01/07/2012  | NAD 83 - 7 | 7179481  | 506791  | 758       | DAW12000117 | 63        | 11.3      | 3.5       | 373.7     | 37.8      | 23.98     | 25        | 218       | 2.05      | 23.4      | 13.75     | 0.86      | 0.18      | 70.1      |
| 1302707    | 01/07/2012  | NAD 83 - 7 | 7179427  | 506885  | 804       | DAW12000117 | 136       | 9.8       | 2.7       | 725.8     | 29        | 25.02     | 49        | 144       | 2.02      | 16.1      | 13.2      | 0.75      | 0.15      | 47.6      |
| 1302708    | 01/07/2012  | NAD 83 - 7 | 7179376  | 506947  | 840       | DAW12000117 | 305       | 8         | 4.8       | 2780.9    | 35.9      | 70.98     | 89        | 623       | 2.37      | 44.5      | 27.76     | 1.16      | 0.25      | 154.8     |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302709    | 01/07/2012  | NAD 83 - 7 | 7179262  | 506961  | 793       | DAW12000117 | 265       | 6.1       | 2.3       | 2213.7    | 31.4      | 36.83     | 48        | 758       | 1.45      | 35.3      | 18.87     | 0.75      | 0.21      | 167.5     |
| 1302710    | 01/07/2012  | NAD 83 - 7 | 7179142  | 506966  | 735       | DAW12000117 | 778       | 9.8       | 2.6       | 346.4     | 30.9      | 20.6      | 42        | 202       | 1.92      | 29.7      | 12.76     | 0.82      | 0.15      | 70.6      |
| 1302711    | 01/07/2012  | NAD 83 - 7 | 7179037  | 506933  | 724       | DAW12000117 | 78        | 8.9       | 0.7       | 169.5     | 21.6      | 17.59     | 27        | 115       | 4.13      | 11.7      | 13.02     | 0.77      | 0.11      | 55.8      |
| 1302712    | 01/07/2012  | NAD 83 - 7 | 7178921  | 506917  | 734       | DAW12000117 | 222       | 15.4      | 4         | 251.4     | 44.9      | 26.83     | 66        | 259       | 6.42      | 44.9      | 13.19     | 2.2       | 0.28      | 126.5     |
| 1302713    | 01/07/2012  | NAD 83 - 7 | 7178800  | 506886  | 715       | DAW12000117 | 286       | 13.6      | 3.5       | 491       | 27.2      | 24.8      | 62        | 118       | 3.38      | 15.7      | 15.89     | 1.71      | 0.26      | 51        |
| 1302714    | 02/07/2012  | NAD 83 - 7 | 7180357  | 505457  | 803       | DAW12000117 | 290       | 5.6       | 2         | 161.5     | 34.5      | 31.11     | 36        | 241       | 1.57      | 20        | 14.78     | 0.55      | 0.16      | 116.1     |
| 1302715    | 02/07/2012  | NAD 83 - 7 | 7180431  | 505562  | 745       | DAW12000117 | 786       | 13.7      | 6         | 423.3     | 34.8      | 64.68     | 154       | 328       | 8         | 56.8      | 33.28     | 2.12      | 0.27      | 353       |
| 1302716    | 02/07/2012  | NAD 83 - 7 | 7180476  | 505653  | 725       | DAW12000117 | 863       | 19.2      | 3.7       | 350       | 63.8      | 64.77     | 128       | 143       | 7.19      | 52.5      | 16.2      | 2.03      | 0.31      | 148.2     |
| 1302717    | 02/07/2012  | NAD 83 - 7 | 7180550  | 505739  | 692       | DAW12000117 | 197       | 8.1       | 4.9       | 176.5     | 25        | 27.77     | 26        | 147       | 4.33      | 22        | 16.37     | 0.84      | 0.17      | 88.6      |
| 1302718    | 02/07/2012  | NAD 83 - 7 | 7180595  | 505845  | 646       | DAW12000117 | 73        | 5.7       | 1.6       | 293.9     | 37.4      | 21.55     | 17        | 184       | 1.7       | 27.3      | 14.41     | 0.74      | 0.16      | 95        |
| 1302719    | 02/07/2012  | NAD 83 - 7 | 7180560  | 505936  | 578       | DAW12000117 | 256       | 8.7       | 2         | 153.3     | 25.3      | 22.36     | 19        | 157       | 4.11      | 23.7      | 17.25     | 1.05      | 0.15      | 96.7      |
| 1302720    | 02/07/2012  | NAD 83 - 7 | 7180363  | 505827  | 609       | DAW12000117 | 553       | 12.7      | 22.9      | 455.1     | 56.6      | 82.93     | 71        | 191       | 7.45      | 53.4      | 22.25     | 2.35      | 0.31      | 168.9     |
| 1302721    | 02/07/2012  | NAD 83 - 7 | 7180415  | 505728  | 669       | DAW12000117 | 232       | 12.6      | 2.5       | 340.9     | 41.2      | 29.69     | 35        | 151       | 3.94      | 36.8      | 16.9      | 1.29      | 0.16      | 89.4      |
| 1302722    | 02/07/2012  | NAD 83 - 7 | 7180438  | 505635  | 713       | DAW12000117 | 396       | 13.9      | 2.5       | 286.3     | 42.2      | 53.41     | 39        | 168       | 6.23      | 36.4      | 20.59     | 1.93      | 0.21      | 180.7     |
| 1302723    | 02/07/2012  | NAD 83 - 7 | 7180354  | 505356  | 815       | DAW12000117 | 435       | 53.5      | 5.3       | 182.1     | 65.3      | 92.74     | 136       | 277       | 21.05     | 66.5      | 23.44     | 1.65      | 0.87      | 138       |
| 1302724    | 02/07/2012  | NAD 83 - 7 | 7180384  | 505237  | 853       | DAW12000117 | 858       | 20.8      | 1.3       | 412.8     | 38.9      | 53.25     | 126       | 784       | 4.39      | 50.3      | 32.14     | 1.02      | 0.19      | 162.5     |
| 1302725    | 02/07/2012  | NAD 83 - 7 | 7180465  | 505145  | 868       | DAW12000117 | 180       | 9.4       | 0.8       | 233.5     | 30.7      | 22.62     | 31        | 298       | 2.29      | 23.1      | 12.69     | 0.8       | 0.16      | 88.4      |
| 1302726    | 02/07/2012  | NAD 83 - 7 | 7180513  | 505048  | 902       | DAW12000117 | 332       | 9.5       | 2.1       | 338.1     | 32.3      | 27.54     | 36        | 411       | 2.86      | 35.4      | 16.47     | 0.9       | 0.14      | 92.1      |
| 1302727    | 02/07/2012  | NAD 83 - 7 | 7180576  | 504986  | 947       | DAW12000117 | 142       | 9.6       | 1.7       | 167       | 37.6      | 25.51     | 47        | 282       | 2.74      | 38        | 26.14     | 0.84      | 0.14      | 129.5     |
| 1302728    | 02/07/2012  | NAD 83 - 7 | 7180580  | 504915  | 953       | DAW12000117 | 290       | 5.1       | 0.9       | 190.4     | 34.4      | 24.56     | 55        | 413       | 1.82      | 21.1      | 16.68     | 0.47      | 0.12      | 83.2      |
| 1302730    | 03/07/2012  | NAD 83 - 7 | 7181271  | 504591  | 873       | DAW12000117 | 59        | 20.5      | 1.6       | 325.2     | 97.6      | 83.21     | 37        | 539       | 2.23      | 64.3      | 11.92     | 0.72      | 0.18      | 85.5      |
| 1302731    | 03/07/2012  | NAD 83 - 7 | 7181301  | 504454  | 834       | DAW12000117 | 87        | 8.3       | 0.4       | 221.7     | 118.1     | 68.43     | 28        | 1159      | 2.84      | 67        | 11.34     | 0.64      | 0.6       | 127.6     |
| 1302732    | 03/07/2012  | NAD 83 - 7 | 7181331  | 504336  | 802       | DAW12000117 | 151       | 7.4       | 1.2       | 319.1     | 63.9      | 71.61     | 30        | 1471      | 1.71      | 47.2      | 39.65     | 0.71      | 0.22      | 231.2     |
| 1302733    | 03/07/2012  | NAD 83 - 7 | 7181398  | 504253  | 754       | DAW12000117 | 96        | 6.3       | 0.6       | 144.1     | 71.4      | 32.86     | 26        | 465       | 1.92      | 27.4      | 16.15     | 0.51      | 0.17      | 76.5      |
| 1302734    | 03/07/2012  | NAD 83 - 7 | 7182063  | 503900  | 535       | DAW12000117 | 107       | 9.2       | 1.3       | 164.4     | 29.4      | 30.36     | 33        | 235       | 3.37      | 24.7      | 26.52     | 1.02      | 0.13      | 128.7     |
| 1302735    | 03/07/2012  | NAD 83 - 7 | 7181980  | 503961  | 570       | DAW12000117 | 136       | 7         | 0.2       | 171.5     | 25.4      | 26.16     | 12        | 185       | 2.04      | 18.6      | 17.38     | 0.8       | 0.13      | 130.5     |
| 1302736    | 03/07/2012  | NAD 83 - 7 | 7181883  | 504008  | 573       | DAW12000117 | 267       | 4.9       | 1         | 207.3     | 17.2      | 19.73     | 28        | 264       | 2.34      | 12.2      | 14.57     | 0.93      | 0.12      | 135.4     |
| 1302737    | 03/07/2012  | NAD 83 - 7 | 7181784  | 504034  | 611       | DAW12000117 | 54        | 13.2      | 1.3       | 228       | 42.8      | 21.16     | 30        | 288       | 3.05      | 28.6      | 17.29     | 1.06      | 0.17      | 77.1      |
| 1302738    | 03/07/2012  | NAD 83 - 7 | 7181687  | 504083  | 635       | DAW12000117 | 78        | 10.9      | 1.1       | 228.9     | 35.9      | 34.14     | 29        | 202       | 1.77      | 32.3      | 12.48     | 0.9       | 0.18      | 70.6      |
| 1302739    | 03/07/2012  | NAD 83 - 7 | 7181589  | 504130  | 644       | DAW12000117 | 82        | 19.2      | 0.3       | 141.2     | 25.4      | 15.54     | 43        | 308       | 2.36      | 15.3      | 13.17     | 0.79      | 0.14      | 60        |
| 1302740    | 03/07/2012  | NAD 83 - 7 | 7181503  | 504191  | 675       | DAW12000117 | 229       | 14.2      | 5.1       | 217.4     | 26.1      | 37.31     | 39        | 433       | 7.19      | 36.3      | 47.96     | 2.76      | 0.31      | 348.9     |
| 1302741    | 03/07/2012  | NAD 83 - 7 | 7181542  | 503803  | 573       | DAW12000117 | 34        | 11.8      | 1         | 167.1     | 40.4      | 47.34     | 64        | 1659      | 2.69      | 43.2      | 39.05     | 0.87      | 0.25      | 164.6     |
| 1302742    | 03/07/2012  | NAD 83 - 7 | 7181450  | 503858  | 631       | DAW12000117 | 42        | 7.6       | 0.5       | 198.6     | 38.8      | 44.62     | 38        | 1119      | 1.72      | 30.8      | 9.72      | 0.74      | 0.22      | 71.3      |
| 1302743    | 03/07/2012  | NAD 83 - 7 | 7181358  | 503906  | 662       | DAW12000117 | 154       | 16.4      | 2.1       | 175.6     | 39        | 45.53     | 43        | 297       | 2.61      | 50        | 37.11     | 1.84      | 0.27      | 267.6     |
| 1302744    | 03/07/2012  | NAD 83 - 7 | 7181305  | 503993  | 690       | DAW12000117 | 74        | 11.6      | 1.3       | 277.1     | 79.7      | 76.45     | 45        | 317       | 2.19      | 55.6      | 60.68     | 0.9       | 0.35      | 232.1     |
| 1302745    | 03/07/2012  | NAD 83 - 7 | 7181348  | 504088  | 702       | DAW12000117 | 42        | 7         | 0.4       | 211.8     | 28.6      | 14.23     | 25        | 1179      | 1.47      | 26.4      | 8.32      | 0.51      | 0.15      | 80.9      |
| 1302746    | 03/07/2012  | NAD 83 - 7 | 7181364  | 504197  | 756       | DAW12000117 | 41        | 6.8       | 0.3       | 229.7     | 54.5      | 37.53     | 17        | 321       | 1.56      | 35.6      | 12.87     | 0.7       | 0.13      | 83.3      |
| 1302747    | 04/07/2012  | NAD 83 - 7 | 7179526  | 504687  | 627       | DAW12000117 | 173       | 10.6      | 4.9       | 188.6     | 38        | 21.19     | 26        | 186       | 1.95      | 26.7      | 13.41     | 0.93      | 0.15      | 58.2      |
| 1302748    | 04/07/2012  | NAD 83 - 7 | 7179616  | 504623  | 672       | DAW12000117 | 159       | 12.5      | 6.2       | 242.6     | 32.7      | 24.03     | 38        | 210       | 2.47      | 37.9      | 12.37     | 1.01      | 0.15      | 65        |
| 1302749    | 04/07/2012  | NAD 83 - 7 | 7179708  | 504568  | 718       | DAW12000117 | 214       | 10.9      | 1.8       | 390.8     | 30.5      | 114.13    | 130       | 128       | 5.15      | 91.2      | 16.78     | 2.39      | 0.16      | 217.7     |
| 1302750    | 04/07/2012  | NAD 83 - 7 | 7179784  | 504502  | 742       | DAW12000117 | 1066      | 10.4      | 9         | 169.7     | 40.8      | 26.44     | 77        | 189       | 1.8       | 19.8      | 14.02     | 0.73      | 0.2       | 58.5      |
| 1302751    | 01/07/2012  | NAD 83 - 7 | 7179097  | 505630  | 702       | DAW12000117 | 64        | 14.4      | 2.3       | 256       | 25.6      | 17.47     | 20        | 167       | 2.52      | 10.6      | 13.55     | 1.67      | 0.12      | 43.3      |
| 1302752    | 01/07/2012  | NAD 83 - 7 | 7178999  | 505644  | 740       | DAW12000117 | 493       | 6.4       | 10.3      | 985.3     | 24.3      | 105.11    | 103       | 1976      | 1.45      | 57        | 15.06     | 1.12      | 0.12      | 56.5      |
| 1302753    | 01/07/2012  | NAD 83 - 7 | 7178904  | 505678  | 763       | DAW12000117 | 74        | 11.4      | 9.8       | 332.2     | 30.2      | 42.64     | 72        | 548       | 1.85      | 39.1      | 16.9      | 1.46      | 0.14      | 61.4      |
| 1302754    | 01/07/2012  | NAD 83 - 7 | 7178801  | 505669  | 747       | DAW12000117 | 416       | 10.8      | 6.1       | 1278.1    | 30.4      | 50.4      | 123       | 282       | 4.36      | 36.2      | 15.39     | 1.39      | 0.14      | 61.7      |
| 1302755    | 01/07/2012  | NAD 83 - 7 | 7178658  | 505649  | 807       | DAW12000117 | 105       | 18.5      | 1.8       | 268.9     | 20.6      | 26.8      | 41        | 1158      | 1.56      | 13.8      | 11.86     | 0.4       | 0.1       | 50.4      |
| 1302756    | 01/07/2012  | NAD 83 - 7 | 7178572  | 505598  | 863       | DAW12000117 | 106       | 22.8      | 1.4       | 166.1     | 25        | 18.22     | 41        | 476       | 1.63      | 19.8      | 9.54      | 0.59      | 0.11      | 46.6      |
| 1302757    | 01/07/2012  | NAD 83 - 7 | 7178471  | 505611  | 886       | DAW12000117 | 114       | 8.1       | 1         | 192.6     | 27.3      | 16.6      | 36        | 321       | 1.38      | 19.4      | 8.07      | 0.66      | 0.12      | 43.8      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302758    | 01/07/2012  | NAD 83 - 7 | 7178620  | 505921  | 738       | DAW12000117 | 128       | 12        | 0.8       | 184.8     | 28        | 33.68     | 47        | 1269      | 1.21      | 25.5      | 27.76     | 0.52      | 0.1       | 51        |
| 1302759    | 01/07/2012  | NAD 83 - 7 | 7178517  | 505930  | 792       | DAW12000117 | 40        | 7.4       | 0.8       | 102.5     | 21.8      | 23.13     | 35        | 423       | 1.25      | 20.2      | 10.73     | 0.49      | 0.07      | 55.7      |
| 1302760    | 01/07/2012  | NAD 83 - 7 | 7178416  | 505972  | 835       | DAW12000117 | 51        | 7.7       | 1.1       | 98.4      | 21.5      | 13.15     | 23        | 320       | 1.08      | 21.6      | 6.25      | 0.34      | 0.09      | 54.9      |
| 1302761    | 01/07/2012  | NAD 83 - 7 | 7178333  | 505942  | 879       | DAW12000117 | 34        | 10        | 1.7       | 172.1     | 23.1      | 9.64      | 30        | 300       | 1.57      | 11.3      | 8.15      | 0.65      | 0.09      | 34        |
| 1302762    | 01/07/2012  | NAD 83 - 7 | 7178245  | 505910  | 902       | DAW12000117 | 65        | 11.3      | 0.1       | 69.8      | 19.1      | 23.68     | 49        | 337       | 0.8       | 21.7      | 4.75      | 0.32      | 0.06      | 43        |
| 1302763    | 01/07/2012  | NAD 83 - 7 | 7178161  | 505886  | 960       | DAW12000117 | 124       | 22.3      | 0.9       | 112.3     | 22        | 27.08     | 48        | 213       | 1.11      | 20.5      | 10.35     | 0.45      | 0.09      | 41.8      |
| 1302764    | 01/07/2012  | NAD 83 - 7 | 7178063  | 505909  | 981       | DAW12000117 | 51        | 15.3      | 5.5       | 64.4      | 14.7      | 27.06     | 17        | 229       | 0.69      | 16.7      | 5.34      | 0.37      | 0.07      | 25.7      |
| 1302765    | 01/07/2012  | NAD 83 - 7 | 7177996  | 505984  | 1003      | DAW12000117 | 113       | 16.5      | 1.1       | 111.9     | 28.3      | 17.49     | 66        | 372       | 1.83      | 21.2      | 10.56     | 0.82      | 0.12      | 52.4      |
| 1302767    | 02/07/2012  | NAD 83 - 7 | 7178816  | 506886  | 707       | DAW12000117 | 679       | 15.1      | 3.8       | 412.1     | 19.5      | 28.33     | 24        | 175       | 4.65      | 20.8      | 14.05     | 5.04      | 0.32      | 106.1     |
| 1302768    | 02/07/2012  | NAD 83 - 7 | 7178718  | 506873  | 695       | DAW12000117 | 227       | 31        | 8.5       | 964.7     | 19.4      | 33.19     | 53        | 309       | 3.89      | 21.9      | 16.72     | 2.61      | 0.2       | 106.7     |
| 1302769    | 02/07/2012  | NAD 83 - 7 | 7178631  | 506920  | 704       | DAW12000117 | 295       | 16.7      | 10.8      | 594.7     | 39        | 28.32     | 149       | 183       | 5.89      | 20        | 17.77     | 4.58      | 0.17      | 41.5      |
| 1302770    | 02/07/2012  | NAD 83 - 7 | 7178551  | 506977  | 702       | DAW12000117 | 89        | 15.5      | 4.6       | 342.8     | 37        | 13.52     | 65        | 277       | 4.48      | 22.5      | 9.58      | 2.03      | 0.14      | 49.3      |
| 1302771    | 02/07/2012  | NAD 83 - 7 | 7178461  | 506932  | 715       | DAW12000117 | 899       | 25.8      | 6.2       | 489.4     | 73.2      | 104.75    | 387       | 153       | 17.78     | 60.1      | 18.89     | 10.65     | 0.37      | 132.9     |
| 1302772    | 02/07/2012  | NAD 83 - 7 | 7178359  | 506896  | 736       | DAW12000117 | 459       | 9.8       | 4.5       | 902.7     | 29.3      | 33.17     | 204       | 238       | 1.79      | 26.1      | 16.54     | 1.05      | 0.13      | 63.5      |
| 1302773    | 02/07/2012  | NAD 83 - 7 | 7178309  | 506804  | 768       | DAW12000117 | 472       | 10.8      | 4.8       | 413.8     | 36.6      | 57.16     | 70        | 341       | 2.14      | 34        | 16.2      | 1.42      | 0.17      | 114.6     |
| 1302774    | 02/07/2012  | NAD 83 - 7 | 7178303  | 506705  | 767       | DAW12000117 | 2524      | 48.3      | 8.7       | 716.5     | 117.9     | 192.7     | 321       | 362       | 40.09     | 150.8     | 155.47    | 15.5      | 1.06      | 296       |
| 1302775    | 02/07/2012  | NAD 83 - 7 | 7178210  | 506652  | 785       | DAW12000117 | 66        | 12.8      | 5.3       | 167.9     | 36.3      | 18.42     | 32        | 197       | 2.08      | 19.5      | 12.6      | 0.99      | 0.1       | 48        |
| 1302776    | 02/07/2012  | NAD 83 - 7 | 7178171  | 506563  | 816       | DAW12000117 | 227       | 12.8      | 1.3       | 241.2     | 60.6      | 33.67     | 38        | 279       | 2.56      | 33.4      | 19.75     | 1.28      | 0.2       | 61.3      |
| 1302777    | 02/07/2012  | NAD 83 - 7 | 7178149  | 506467  | 832       | DAW12000117 | 44        | 6.5       | 0.2       | 71.4      | 18.6      | 18.47     | 26        | 256       | 0.72      | 15.5      | 4.94      | 0.32      | 0.12      | 23.7      |
| 1302778    | 02/07/2012  | NAD 83 - 7 | 7178137  | 506368  | 846       | DAW12000117 | 36        | 5.4       | 0.6       | 228.3     | 27.3      | 26.65     | 11        | 419       | 0.61      | 27.2      | 6.8       | 0.21      | 0.08      | 70.6      |
| 1302779    | 02/07/2012  | NAD 83 - 7 | 7178147  | 506266  | 879       | DAW12000117 | 34        | 1.9       | 0.2       | 102.4     | 20.5      | 6.13      | 39        | 348       | 0.51      | 24.9      | 3.39      | 0.32      | 0.07      | 70.3      |
| 1302780    | 02/07/2012  | NAD 83 - 7 | 7178117  | 506172  | 901       | DAW12000117 | 69        | 9.5       | 1.9       | 96.8      | 22.5      | 14.77     | 46        | 276       | 1.2       | 16.6      | 8.48      | 0.55      | 0.09      | 40.8      |
| 1302781    | 02/07/2012  | NAD 83 - 7 | 7178024  | 506073  | 978       | DAW12000117 | 37        | 7.6       | 1.6       | 109.2     | 21.1      | 15.74     | 44        | 158       | 1.2       | 13.5      | 7.73      | 0.55      | 0.1       | 31.3      |
| 1302782    | 02/07/2012  | NAD 83 - 7 | 7178092  | 506095  | 935       | DAW12000117 | 103       | 9.1       | 0.6       | 106       | 16.3      | 31.58     | 46        | 562       | 1.21      | 19.5      | 8.04      | 0.39      | 0.09      | 50.9      |
| 1302783    | 02/07/2012  | NAD 83 - 7 | 7178192  | 506122  | 871       | DAW12000117 | 53        | 3.3       | 0.2       | 70.2      | 18.5      | 13.18     | 7         | 251       | 0.34      | 22.7      | 4.42      | 0.21      | 0.03      | 55.4      |
| 1302784    | 02/07/2012  | NAD 83 - 7 | 7178244  | 506203  | 859       | DAW12000117 | 32        | 8.8       | 1.6       | 122.1     | 24        | 13.88     | 37        | 285       | 1.28      | 16        | 7.92      | 0.61      | 0.1       | 39.6      |
| 1302785    | 02/07/2012  | NAD 83 - 7 | 7178315  | 506277  | 813       | DAW12000117 | 52        | 10.6      | 1.7       | 146.2     | 27        | 23.83     | 32        | 305       | 1.38      | 26.4      | 10.33     | 0.68      | 0.11      | 59        |
| 1302786    | 02/07/2012  | NAD 83 - 7 | 7178382  | 506322  | 776       | DAW12000117 | 900       | 15.9      | 1.8       | 178.2     | 26.1      | 64.78     | 104       | 412       | 11.02     | 51.5      | 24        | 4.66      | 0.2       | 160.3     |
| 1302787    | 02/07/2012  | NAD 83 - 7 | 7178448  | 506370  | 779       | DAW12000117 | 243       | 28        | 4.3       | 600.8     | 17.3      | 89.86     | 154       | 733       | 2.37      | 27.1      | 28.96     | 1.87      | 0.17      | 154.8     |
| 1302788    | 02/07/2012  | NAD 83 - 7 | 7177888  | 505974  | 979       | DAW12000117 | 279       | 45.9      | 0.4       | 129.1     | 307.5     | 95.77     | 61        | 2762      | 3.72      | 272.9     | 34.72     | 0.34      | 0.16      | 198.6     |
| 1302789    | 02/07/2012  | NAD 83 - 7 | 7177788  | 505963  | 944       | DAW12000117 | 137       | 4.8       | 0.1       | 73        | 5.3       | 6.46      | 59        | 328       | 0.38      | 13.1      | 5.58      | 0.34      | 0.07      | 4.5       |
| 1302790    | 02/07/2012  | NAD 83 - 7 | 7177642  | 505929  | 1016      | DAW12000117 | 264       | 10.8      | 2.1       | 202.8     | 23.2      | 19.43     | 90        | 727       | 1.08      | 24.9      | 10.21     | 1.12      | 0.11      | 51.8      |
| 1302791    | 02/07/2012  | NAD 83 - 7 | 7177642  | 505829  | 991       | DAW12000117 | 365       | 7.8       | 1.5       | 131.9     | 12        | 19.15     | 112       | 723       | 0.65      | 21.3      | 9.49      | 1.49      | 0.06      | 32        |
| 1302792    | 02/07/2012  | NAD 83 - 7 | 7177636  | 505724  | 974       | DAW12000117 | 100       | 11.5      | 1.9       | 279.2     | 28.2      | 15.75     | 35        | 588       | 1.28      | 22.4      | 10.74     | 0.7       | 0.14      | 55.7      |
| 1302793    | 03/07/2012  | NAD 83 - 7 | 7180613  | 504836  | 954       | DAW12000117 | 147       | 9         | 1.8       | 151.5     | 35.5      | 26.92     | 45        | 311       | 2.29      | 33.7      | 25.58     | 0.81      | 0.16      | 181.4     |
| 1302794    | 03/07/2012  | NAD 83 - 7 | 7180643  | 504743  | 948       | DAW12000117 | 239       | 4.9       | 0.1       | 288.3     | 27.4      | 16.45     | 18        | 588       | 1.43      | 15.5      | 13.25     | 0.53      | 0.15      | 135.8     |
| 1302795    | 03/07/2012  | NAD 83 - 7 | 7180738  | 504704  | 930       | DAW12000117 | 405       | 10.6      | 2.2       | 354.9     | 24.3      | 68.26     | 63        | 84        | 3.04      | 20.2      | 50.17     | 1.09      | 0.23      | 128.3     |
| 1302796    | 03/07/2012  | NAD 83 - 7 | 7180829  | 504697  | 925       | DAW12000117 | 122       | 5.2       | 1.2       | 424.1     | 25.9      | 31.71     | 42        | 248       | 1.43      | 17.2      | 23.58     | 0.55      | 0.17      | 81.2      |
| 1302797    | 03/07/2012  | NAD 83 - 7 | 7180922  | 504662  | 918       | DAW12000117 | 269       | 9.8       | 1.3       | 158.8     | 28.2      | 46.99     | 38        | 156       | 2.11      | 25.9      | 26.38     | 0.89      | 0.19      | 117.6     |
| 1302798    | 03/07/2012  | NAD 83 - 7 | 7181013  | 504640  | 904       | DAW12000117 | 392       | 24.8      | 1.2       | 333.6     | 84.7      | 61.46     | 159       | 828       | 6.6       | 121.4     | 76.5      | 1.47      | 0.3       | 426.1     |
| 1302799    | 03/07/2012  | NAD 83 - 7 | 7181119  | 504617  | 871       | DAW12000117 | 96        | 10.5      | 0.5       | 205.2     | 25.2      | 22.95     | 26        | 188       | 1.92      | 17.9      | 18.09     | 0.8       | 0.18      | 62.7      |
| 1302800    | 03/07/2012  | NAD 83 - 7 | 7181213  | 504615  | 870       | DAW12000117 | 40        | 9         | 3.2       | 191.9     | 32.8      | 19.95     | 28        | 414       | 1.71      | 22.7      | 10.57     | 0.79      | 0.15      | 60.5      |
| 1302801    | 03/07/2012  | NAD 83 - 7 | 7181310  | 504605  | 857       | DAW12000117 | 47        | 3.4       | 0.8       | 138       | 28.8      | 32.09     | 26        | 838       | 0.7       | 26.8      | 9.64      | 0.42      | 0.21      | 81.6      |
| 1302802    | 03/07/2012  | NAD 83 - 7 | 7181407  | 504617  | 834       | DAW12000117 | 78        | 4.4       | 0.1       | 211.3     | 22.6      | 11.15     | 23        | 562       | 0.78      | 21.8      | 4.65      | 0.35      | 0.15      | 62.5      |
| 1302803    | 03/07/2012  | NAD 83 - 7 | 7181498  | 504631  | 814       | DAW12000117 | 51        | 5.5       | 0.1       | 171.6     | 18.6      | 22.52     | 35        | 720       | 0.82      | 17.2      | 10.01     | 0.39      | 0.17      | 58.8      |
| 1302804    | 03/07/2012  | NAD 83 - 7 | 7181584  | 504676  | 776       | DAW12000117 | 67        | 4.1       | 0.1       | 112.5     | 20.6      | 12.24     | 31        | 327       | 1.2       | 11.6      | 9.92      | 0.33      | 0.13      | 54.7      |
| 1302805    | 03/07/2012  | NAD 83 - 7 | 7181680  | 504698  | 779       | DAW12000118 | 48        | 9.7       | 4.2       | 150.8     | 25.3      | 16.16     | 18        | 209       | 1.31      | 23.3      | 7.1       | 0.52      | 0.14      | 60.4      |
| 1302806    | 03/07/2012  | NAD 83 - 7 | 7181681  | 504787  | 757       | DAW12000118 | 100       | 7.7       | 1.3       | 352.7     | 28.7      | 80.06     | 35        | 1147      | 1.64      | 25.8      | 8.76      | 0.62      | 0.18      | 61.7      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302807    | 03/07/2012  | NAD 83 - 7 | 7181939  | 505160  | 618       | DAW12000118 | 606       | 98.2      | 19        | 349.4     | 25.6      | 26.79     | 177       | 124       | 3.83      | 12.5      | 27.48     | 1.54      | 0.48      | 47.6      |
| 1302808    | 03/07/2012  | NAD 83 - 7 | 7181871  | 505110  | 609       | DAW12000118 | 331       | 16.6      | 2.7       | 267.7     | 25.6      | 49.34     | 39        | 222       | 10.55     | 36        | 36.36     | 4.51      | 0.47      | 280.8     |
| 1302809    | 03/07/2012  | NAD 83 - 7 | 7181806  | 505057  | 630       | DAW12000118 | 75        | 6.5       | 1.1       | 128       | 20.6      | 16.52     | 14        | 131       | 2.15      | 13.6      | 15.33     | 0.64      | 0.13      | 70.1      |
| 1302810    | 03/07/2012  | NAD 83 - 7 | 7181751  | 504959  | 662       | DAW12000118 | 248       | 11.2      | 3.9       | 238.5     | 30        | 23.1      | 47        | 347       | 3.51      | 25.8      | 14.26     | 1.11      | 0.22      | 105.8     |
| 1302811    | 03/07/2012  | NAD 83 - 7 | 7181689  | 504891  | 701       | DAW12000118 | 116       | 3.1       | 2.3       | 511.6     | 22        | 38.81     | 52        | 1902      | 1.14      | 28.1      | 18.69     | 0.4       | 0.15      | 79.2      |
| 1302812    | 03/07/2012  | NAD 83 - 7 | 7182000  | 504697  | 631       | DAW12000118 | 721       | 30.9      | 7.8       | 308.4     | 30.5      | 81.49     | 154       | 233       | 32.61     | 85.6      | 41.85     | 13.15     | 0.77      | 518.1     |
| 1302813    | 03/07/2012  | NAD 83 - 7 | 7181893  | 504694  | 674       | DAW12000118 | 179       | 7         | 8.9       | 304.3     | 20.7      | 50.77     | 58        | 202       | 3.14      | 34.9      | 18.19     | 1.02      | 0.26      | 193.4     |
| 1302814    | 03/07/2012  | NAD 83 - 7 | 7181790  | 504710  | 717       | DAW12000118 | 58        | 9.4       | 15.4      | 225.7     | 23.5      | 19.5      | 32        | 785       | 2.18      | 18        | 11.38     | 0.65      | 0.16      | 65.2      |
| 1302815    | 04/07/2012  | NAD 83 - 7 | 7180545  | 504649  | 887       | DAW12000118 | 2238      | 18.9      | 56.4      | 387.8     | 51.5      | 426.82    | 811       | 220       | 60.7      | 89.6      | 29.04     | 8.06      | 0.56      | 557.5     |
| 1302816    | 04/07/2012  | NAD 83 - 7 | 7180616  | 504708  | 928       | DAW12000118 | 117       | 9.4       | 1.3       | 244.4     | 30.4      | 29.04     | 34        | 355       | 2.34      | 24        | 14.69     | 0.78      | 0.15      | 106.8     |
| 1302817    | 04/07/2012  | NAD 83 - 7 | 7180499  | 504942  | 930       | DAW12000118 | 1707      | 16.4      | 17.7      | 447.6     | 65        | 282.13    | 339       | 117       | 51.66     | 89.2      | 22.73     | 7.09      | 0.44      | 421       |
| 1302818    | 04/07/2012  | NAD 83 - 7 | 7180400  | 504935  | 889       | DAW12000118 | 175       | 10.6      | 3         | 318.8     | 24.5      | 49.62     | 81        | 874       | 8.86      | 117.5     | 18.11     | 1.22      | 0.17      | 615.7     |
| 1302819    | 04/07/2012  | NAD 83 - 7 | 7180305  | 504916  | 871       | DAW12000118 | 297       | 8         | 4         | 656.8     | 31.1      | 31.78     | 67        | 353       | 3.18      | 31.2      | 12.83     | 0.92      | 0.18      | 90.6      |
| 1302820    | 04/07/2012  | NAD 83 - 7 | 7180220  | 504942  | 837       | DAW12000118 | 285       | 8.5       | 6.5       | 874.3     | 32.6      | 48.5      | 43        | 737       | 2.06      | 37.5      | 20.36     | 0.98      | 0.23      | 121.4     |
| 1302821    | 04/07/2012  | NAD 83 - 7 | 7180125  | 504968  | 785       | DAW12000118 | 163       | 6         | 10.9      | 862.8     | 26.6      | 47.42     | 35        | 282       | 1.38      | 33.3      | 14.14     | 0.93      | 0.15      | 157.7     |
| 1302822    | 04/07/2012  | NAD 83 - 7 | 7180025  | 504965  | 736       | DAW12000118 | 963       | 9.7       | 1.6       | 218.9     | 28.7      | 19.26     | 37        | 175       | 2.49      | 22.6      | 14.71     | 1.02      | 0.17      | 107.6     |
| 1302823    | 04/07/2012  | NAD 83 - 7 | 7179919  | 504964  | 732       | DAW12000118 | 175       | 14        | 2.5       | 423.1     | 35.1      | 44.35     | 58        | 314       | 4.19      | 38.7      | 13.06     | 1.22      | 0.16      | 90.5      |
| 1302824    | 04/07/2012  | NAD 83 - 7 | 7179720  | 505312  | 640       | DAW12000118 | 247       | 8.1       | 0.8       | 416.3     | 24.3      | 35.9      | 26        | 411       | 4.66      | 24.4      | 11.9      | 0.83      | 0.15      | 117.4     |
| 1302825    | 04/07/2012  | NAD 83 - 7 | 7179753  | 505218  | 672       | DAW12000118 | 230       | 11.3      | 1.2       | 647.5     | 25.1      | 92.02     | 43        | 279       | 5.66      | 34.1      | 18.65     | 1.15      | 0.22      | 124.2     |
| 1302826    | 04/07/2012  | NAD 83 - 7 | 7179819  | 505145  | 695       | DAW12000118 | 103       | 7.7       | 1         | 346.4     | 24.8      | 64.89     | 26        | 244       | 2.57      | 32.7      | 13.8      | 0.89      | 0.15      | 120.4     |
| 1302827    | 04/07/2012  | NAD 83 - 7 | 7179867  | 505058  | 720       | DAW12000118 | 266       | 13.6      | 2.1       | 244.6     | 18.7      | 79.46     | 63        | 183       | 11.81     | 49.5      | 23.27     | 1.51      | 0.18      | 361.3     |
| 1302828    | 04/07/2012  | NAD 83 - 7 | 7179871  | 504869  | 693       | DAW12000118 | 298       | 9.7       | 1.8       | 926.8     | 22.9      | 42.73     | 42        | 223       | 6.23      | 28.6      | 18.07     | 0.89      | 0.14      | 315.7     |
| 1302829    | 04/07/2012  | NAD 83 - 7 | 7179803  | 504801  | 664       | DAW12000118 | 580       | 9.1       | 3         | 215.6     | 24.6      | 29.5      | 81        | 129       | 3.3       | 21.4      | 10.29     | 1.19      | 0.16      | 78.8      |
| 1302830    | 04/07/2012  | NAD 83 - 7 | 7179716  | 504775  | 641       | DAW12000118 | 324       | 11.4      | 1.6       | 249.8     | 25        | 28.51     | 57        | 237       | 7.6       | 29.5      | 13.1      | 2.22      | 0.17      | 136.6     |
| 1302832    | 06/07/2012  | NAD 83 - 7 | 7183216  | 510384  | 436       | DAW12000133 | 163       | 7         | 1.9       | 450       | 19.3      | 26.4      | 33        | 113       | 4.1       | 18.2      | 8.19      | 1.09      | 0.2       | 62.5      |
| 1302833    | 06/07/2012  | NAD 83 - 7 | 7183316  | 510370  | 451       | DAW12000133 | 968       | 15.2      | 2.7       | 822.3     | 19.2      | 31.24     | 28        | 77        | 8.74      | 22.5      | 17.71     | 3.56      | 0.39      | 134.4     |
| 1302834    | 06/07/2012  | NAD 83 - 7 | 7183433  | 510373  | 478       | DAW12000133 | 594       | 19.4      | 2.5       | 1275.5    | 16        | 20.39     | 25        | 101       | 13.85     | 12.6      | 15.8      | 6.9       | 0.69      | 121.4     |
| 1302835    | 06/07/2012  | NAD 83 - 7 | 7183549  | 510366  | 517       | DAW12000133 | 632       | 25.3      | 1.8       | 1500.2    | 26.9      | 37.51     | 30        | 67        | 6.09      | 22        | 15.86     | 3.16      | 0.44      | 124.7     |
| 1302836    | 06/07/2012  | NAD 83 - 7 | 7183658  | 510353  | 538       | DAW12000133 | 121       | 8.9       | 1.4       | 287.4     | 18.1      | 19.77     | 14        | 99        | 4.13      | 17.9      | 12.66     | 1.15      | 0.19      | 102.5     |
| 1302837    | 06/07/2012  | NAD 83 - 7 | 7183643  | 509665  | 425       | DAW12000133 | 363       | 11.5      | 3.7       | 652       | 27.8      | 39.19     | 48        | 285       | 3.7       | 36.1      | 10.64     | 1.62      | 0.23      | 98.1      |
| 1302838    | 06/07/2012  | NAD 83 - 7 | 7183671  | 509762  | 435       | DAW12000133 | 329       | 8.3       | 2.3       | 763.2     | 25.6      | 38.43     | 59        | 256       | 3.82      | 42.7      | 9.28      | 1.15      | 0.22      | 105.2     |
| 1302839    | 06/07/2012  | NAD 83 - 7 | 7183682  | 509866  | 440       | DAW12000133 | 316       | 8.9       | 3.1       | 691.6     | 26.4      | 40.1      | 54        | 211       | 3.31      | 78        | 8.98      | 1.23      | 0.23      | 243.4     |
| 1302840    | 06/07/2012  | NAD 83 - 7 | 7183675  | 509953  | 445       | DAW12000133 | 258       | 7.7       | 2.2       | 685.3     | 27.4      | 33.94     | 38        | 212       | 2.85      | 39.9      | 8.27      | 1.19      | 0.19      | 108.3     |
| 1302841    | 06/07/2012  | NAD 83 - 7 | 7183667  | 510058  | 453       | DAW12000133 | 481       | 12        | 2.8       | 1242.8    | 28.9      | 43.38     | 88        | 135       | 5.71      | 36.6      | 12.67     | 2.07      | 0.3       | 116.9     |
| 1302842    | 06/07/2012  | NAD 83 - 7 | 7183697  | 510157  | 494       | DAW12000133 | 279       | 6.9       | 1         | 636.1     | 20.4      | 23.76     | 23        | 167       | 3.08      | 13.8      | 10.95     | 1.11      | 0.26      | 90.1      |
| 1302843    | 06/07/2012  | NAD 83 - 7 | 7183669  | 510260  | 516       | DAW12000133 | 474       | 15        | 1         | 621.2     | 29.4      | 31.23     | 40        | 72        | 5.67      | 17        | 14.84     | 2.33      | 0.48      | 95.5      |
| 1302844    | 06/07/2012  | NAD 83 - 7 | 7183707  | 510431  | 534       | DAW12000133 | 356       | 11.8      | 1.6       | 461.1     | 23.5      | 31.7      | 34        | 65        | 5.62      | 10.7      | 17.47     | 1.08      | 0.62      | 37        |
| 1302845    | 06/07/2012  | NAD 83 - 7 | 7183762  | 510497  | 538       | DAW12000133 | 321       | 11.3      | 1.6       | 538.5     | 13.1      | 27.71     | 28        | 21        | 6.07      | 9.1       | 15.47     | 1.31      | 0.4       | 49.7      |
| 1302846    | 06/07/2012  | NAD 83 - 7 | 7183813  | 510572  | 544       | DAW12000133 | 262       | 13.9      | 1.2       | 343.9     | 13.8      | 34.39     | 42        | 15        | 7.42      | 4.9       | 12.3      | 1.89      | 0.31      | 31.1      |
| 1302847    | 06/07/2012  | NAD 83 - 7 | 7183863  | 510646  | 550       | DAW12000133 | 327       | 9.8       | 2.4       | 607.6     | 17        | 38.88     | 45        | 43        | 6.08      | 15.9      | 9.07      | 1.65      | 0.25      | 55.5      |
| 1302848    | 06/07/2012  | NAD 83 - 7 | 7183914  | 510726  | 549       | DAW12000133 | 341       | 12.5      | 3.9       | 748.6     | 21.4      | 43.84     | 71        | 58        | 6.07      | 15.8      | 10.89     | 1.78      | 0.64      | 64.5      |
| 1302849    | 06/07/2012  | NAD 83 - 7 | 7183958  | 510819  | 545       | DAW12000133 | 658       | 18.3      | 3.8       | 649.6     | 18.5      | 55.01     | 53        | 32        | 10.56     | 13.2      | 23.77     | 4.01      | 0.78      | 79.1      |
| 1302850    | 06/07/2012  | NAD 83 - 7 | 7184017  | 510895  | 535       | DAW12000133 | 496       | 21.4      | 3.8       | 1293.8    | 14.2      | 43.55     | 186       | 45        | 16.22     | 12.8      | 9.79      | 3.79      | 1         | 48.2      |
| 1302851    | 07/07/2012  | NAD 83 - 7 | 7183816  | 512230  | 562       | DAW12000133 | 174       | 10.8      | 1.7       | 289.3     | 39.9      | 25.38     | 35        | 265       | 2.58      | 32.1      | 25.47     | 0.97      | 0.23      | 117.8     |
| 1302852    | 08/07/2012  | NAD 83 - 7 | 7185701  | 514501  | 690       | DAW12000133 | 772       | 29.2      | 0.9       | 1180.4    | 27        | 25.42     | 41        | 69        | 16.44     | 18.8      | 15.32     | 3.82      | 1.24      | 77.2      |
| 1302853    | 08/07/2012  | NAD 83 - 7 | 7185772  | 514572  | 710       | DAW12000133 | 774       | 24.5      | 2.9       | 618.7     | 34.5      | 23.05     | 61        | 136       | 18.27     | 21.3      | 16.14     | 5.53      | 1.82      | 121.8     |
| 1302854    | 08/07/2012  | NAD 83 - 7 | 7185855  | 514629  | 738       | DAW12000133 | 2774      | 119.4     | 6         | 142.9     | 29.4      | 50.02     | 65        | 41        | 46.9      | 17.1      | 19.77     | 36.64     | 4.53      | 116       |
| 1302855    | 08/07/2012  | NAD 83 - 7 | 7185950  | 514662  | 782       | DAW12000133 | 478       | 32.5      | 8.7       | 747.3     | 22        | 20.87     | 59        | 103       | 39.59     | 13.1      | 13.72     | 5.95      | 3.32      | 59.9      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302856    | 08/07/2012  | NAD 83 - 7 | 7186043  | 514700  | 831       | DAW12000133 | 374       | 70.4      | 5.5       | 159.4     | 14.4      | 61.72     | 197       | 28        | 57.24     | 13        | 17.96     | 6.76      | 3.41      | 39.7      |
| 1302857    | 08/07/2012  | NAD 83 - 7 | 7186121  | 514764  | 879       | DAW12000133 | 368       | 17.1      | 2.4       | 733.4     | 23.1      | 22.53     | 49        | 103       | 19.3      | 19.2      | 11.44     | 2.56      | 1.21      | 56.2      |
| 1302858    | 08/07/2012  | NAD 83 - 7 | 7186191  | 514835  | 906       | DAW12000133 | 1141      | 5.6       | 3         | 771.3     | 16.2      | 30.06     | 70        | 14        | 14.45     | 8.1       | 10.86     | 1.81      | 0.68      | 17.3      |
| 1302859    | 08/07/2012  | NAD 83 - 7 | 7186249  | 514917  | 951       | DAW12000133 | 4136      | 13.4      | 3.5       | 1910.4    | 48.5      | 67.06     | 209       | 33        | 12.78     | 40.4      | 17.04     | 3.62      | 0.48      | 140.2     |
| 1302860    | 08/07/2012  | NAD 83 - 7 | 7186194  | 515010  | 989       | DAW12000133 | 4894      | 13.7      | 5.6       | 341       | 34.1      | 96.06     | 89        | 16        | 32.28     | 23.8      | 20.08     | 3.36      | 0.32      | 99.6      |
| 1302861    | 08/07/2012  | NAD 83 - 7 | 7186248  | 515589  | 817       | DAW12000133 | 1094      | 10.3      | 6         | 1075.2    | 42.6      | 58.84     | 119       | 87        | 5.53      | 16.5      | 9.75      | 1.16      | 0.19      | 42.8      |
| 1302862    | 08/07/2012  | NAD 83 - 7 | 7186286  | 515496  | 834       | DAW12000133 | 1064      | 10.2      | 4.4       | 879       | 77.3      | 89.9      | 108       | 99        | 6.26      | 14.8      | 10.81     | 1.05      | 0.23      | 30.3      |
| 1302863    | 08/07/2012  | NAD 83 - 7 | 7186321  | 515402  | 861       | DAW12000133 | 1544      | 8.7       | 2.7       | 692.1     | 30.5      | 20.29     | 89        | 44        | 4.17      | 7.4       | 11.24     | 0.58      | 0.17      | 16.4      |
| 1302864    | 08/07/2012  | NAD 83 - 7 | 7186392  | 515332  | 908       | DAW12000133 | 914       | 24.9      | 9.4       | 892.5     | 36.4      | 57.18     | 121       | 158       | 9.35      | 29.4      | 13.24     | 3.31      | 0.52      | 72.1      |
| 1302865    | 08/07/2012  | NAD 83 - 7 | 7186483  | 515284  | 949       | DAW12000134 | 1234      | 12.6      | 4.1       | 1539.5    | 30        | 20.61     | 62        | 83        | 8.35      | 18.1      | 15.46     | 2.65      | 0.34      | 58.8      |
| 1302866    | 08/07/2012  | NAD 83 - 7 | 7186480  | 515182  | 964       | DAW12000134 | 478       | 11.2      | 4.2       | 495.5     | 38.4      | 23.84     | 78        | 309       | 3.84      | 28.9      | 12.82     | 1.12      | 0.24      | 85.9      |
| 1302867    | 08/07/2012  | NAD 83 - 7 | 7186444  | 515088  | 983       | DAW12000134 | 843       | 22.5      | 73.3      | 81.4      | 31.1      | 178.38    | 114       | 175       | 6.45      | 21.3      | 14.62     | 2.72      | 0.18      | 82        |
| 1302868    | 08/07/2012  | NAD 83 - 7 | 7186744  | 515050  | 933       | DAW12000134 | 737       | 25.5      | 3         | 154.5     | 12.2      | 61.89     | 64        | 8         | 25.82     | 10.6      | 10.54     | 3.2       | 4.34      | 16        |
| 1302869    | 08/07/2012  | NAD 83 - 7 | 7186647  | 515051  | 936       | DAW12000134 | 217       | 37.5      | 6         | 115       | 9.5       | 20.69     | 159       | 10        | 17.25     | 3.8       | 9.66      | 2.42      | 3.72      | 5.7       |
| 1302870    | 08/07/2012  | NAD 83 - 7 | 7186547  | 515045  | 954       | DAW12000134 | 167       | 38        | 3.4       | 219.4     | 7.6       | 28.13     | 318       | 127       | 23.27     | 28.7      | 8.92      | 1.37      | 4.54      | 50.4      |
| 1302871    | 08/07/2012  | NAD 83 - 7 | 7186357  | 515042  | 972       | DAW12000134 | 2280      | 6.1       | 4.4       | 844.3     | 16.3      | 35.06     | 151       | 12        | 39.57     | 9         | 14.79     | 3.38      | 1.49      | 28.2      |
| 1302872    | 08/07/2012  | NAD 83 - 7 | 7186277  | 515015  | 976       | DAW12000134 | 8610      | 14.1      | 3.5       | 956.1     | 47.5      | 92.71     | 115       | 23        | 28.23     | 60        | 29.12     | 5.62      | 0.72      | 305.9     |
| 1302873    | 08/07/2012  | NAD 83 - 7 | 7186103  | 515047  | 960       | DAW12000134 | 772       | 5.9       | 2.7       | 268.8     | 16.5      | 10.03     | 55        | 12        | 4.54      | 2         | 10.12     | 0.34      | 0.13      | 5.2       |
| 1302874    | 09/07/2012  | NAD 83 - 7 | 7185286  | 513811  | 616       | DAW12000134 | 53        | 9.1       | 1.3       | 313.2     | 31        | 32.7      | 14        | 153       | 3.03      | 47.2      | 13        | 1         | 0.14      | 96.5      |
| 1302875    | 09/07/2012  | NAD 83 - 7 | 7185386  | 513798  | 631       | DAW12000134 | 137       | 7.2       | 1.7       | 294.8     | 28.3      | 23.32     | 39        | 199       | 2.62      | 35.1      | 11.25     | 0.85      | 0.15      | 93.9      |
| 1302876    | 09/07/2012  | NAD 83 - 7 | 7185487  | 513792  | 648       | DAW12000134 | 120       | 7.6       | 1.6       | 329.8     | 31.2      | 29.9      | 23        | 265       | 2.3       | 38.5      | 11.67     | 0.91      | 0.14      | 89.2      |
| 1302877    | 09/07/2012  | NAD 83 - 7 | 7185591  | 513779  | 664       | DAW12000134 | 130       | 7.6       | 2.4       | 373.7     | 32        | 23.18     | 40        | 238       | 2.61      | 46.8      | 13.74     | 0.78      | 0.2       | 120.6     |
| 1302878    | 09/07/2012  | NAD 83 - 7 | 7185690  | 513765  | 686       | DAW12000134 | 249       | 8.5       | 2.1       | 581.5     | 29.1      | 27.59     | 44        | 322       | 2.92      | 47.1      | 10.58     | 0.99      | 0.19      | 123.2     |
| 1302879    | 09/07/2012  | NAD 83 - 7 | 7185789  | 513752  | 700       | DAW12000134 | 211       | 8.4       | 3.7       | 357.7     | 33.2      | 33.38     | 45        | 212       | 2.4       | 46.1      | 13.56     | 0.96      | 0.21      | 115.6     |
| 1302880    | 09/07/2012  | NAD 83 - 7 | 7185886  | 513727  | 720       | DAW12000134 | 194       | 7.2       | 2.4       | 473.4     | 30.9      | 30.39     | 43        | 189       | 2.23      | 37.3      | 11.44     | 0.99      | 0.2       | 91.7      |
| 1302881    | 09/07/2012  | NAD 83 - 7 | 7185986  | 513720  | 736       | DAW12000134 | 107       | 7.8       | 2.7       | 253.3     | 30.2      | 28.7      | 23        | 163       | 2.14      | 30.5      | 12.46     | 0.73      | 0.24      | 77.1      |
| 1302882    | 09/07/2012  | NAD 83 - 7 | 7186087  | 513710  | 755       | DAW12000134 | 90        | 7.9       | 3.1       | 360.5     | 30.9      | 29.87     | 30        | 178       | 2.17      | 33.8      | 13.58     | 0.81      | 0.24      | 84.9      |
| 1302883    | 09/07/2012  | NAD 83 - 7 | 7186186  | 513716  | 780       | DAW12000134 | 206       | 8.6       | 1.8       | 295.9     | 27.5      | 23.2      | 33        | 127       | 2.41      | 25.4      | 11.9      | 0.91      | 0.22      | 64.1      |
| 1302884    | 09/07/2012  | NAD 83 - 7 | 7186286  | 513727  | 814       | DAW12000134 | 373       | 11        | 0.9       | 383.5     | 29.7      | 35.82     | 35        | 144       | 3.63      | 37.5      | 15.16     | 1.49      | 0.41      | 95.9      |
| 1302885    | 09/07/2012  | NAD 83 - 7 | 7186386  | 513724  | 856       | DAW12000134 | 2096      | 23.1      | 1.7       | 1348      | 39.7      | 71.67     | 71        | 653       | 4.8       | 169.4     | 19.07     | 5.89      | 0.54      | 995.6     |
| 1302886    | 09/07/2012  | NAD 83 - 7 | 7186488  | 513689  | 919       | DAW12000134 | 204       | 10.3      | 0.6       | 354.1     | 33.4      | 35.73     | 39        | 209       | 2.29      | 39.5      | 15.9      | 0.93      | 0.25      | 109.2     |
| 1302887    | 09/07/2012  | NAD 83 - 7 | 7186582  | 513653  | 971       | DAW12000134 | 79        | 7.1       | 0.3       | 881.2     | 35.2      | 33.86     | 24        | 551       | 1.47      | 41.8      | 17.72     | 0.67      | 0.18      | 155.5     |
| 1302888    | 09/07/2012  | NAD 83 - 7 | 7186697  | 513611  | 1045      | DAW12000134 | 107       | 6.5       | 1.1       | 486.1     | 26.2      | 20.4      | 17        | 165       | 1.79      | 24.3      | 12.1      | 0.65      | 0.19      | 63.1      |
| 1302889    | 09/07/2012  | NAD 83 - 7 | 7187237  | 514069  | 938       | DAW12000134 | 97        | 9.8       | 2         | 191.8     | 29.2      | 23.05     | 33        | 210       | 2.08      | 25.4      | 17.59     | 0.97      | 0.2       | 59.1      |
| 1302890    | 09/07/2012  | NAD 83 - 7 | 7187138  | 514052  | 967       | DAW12000134 | 98        | 9.9       | 1.6       | 146.6     | 31        | 22.96     | 42        | 213       | 2.78      | 24.7      | 16.79     | 0.92      | 0.24      | 62.9      |
| 1302891    | 09/07/2012  | NAD 83 - 7 | 7187049  | 514001  | 1003      | DAW12000134 | 126       | 10.5      | 2.4       | 234.4     | 34.6      | 23.15     | 54        | 186       | 2.28      | 30.9      | 18.76     | 0.86      | 0.23      | 64.4      |
| 1302892    | 09/07/2012  | NAD 83 - 7 | 7186950  | 513979  | 1024      | DAW12000134 | 77        | 10.7      | 1         | 219.2     | 32.2      | 26.18     | 22        | 194       | 2.06      | 30.6      | 16.22     | 1.09      | 0.25      | 77.9      |
| 1302893    | 09/07/2012  | NAD 83 - 7 | 7186859  | 513934  | 1021      | DAW12000134 | 122       | 8.6       | 1         | 533.9     | 38.4      | 34.6      | 31        | 421       | 1.73      | 37.1      | 22.79     | 0.71      | 0.27      | 132.2     |
| 1302894    | 09/07/2012  | NAD 83 - 7 | 7186807  | 513848  | 997       | DAW12000134 | 98        | 10.1      | 1.8       | 547.3     | 42.8      | 46.12     | 38        | 313       | 2.18      | 43        | 23.51     | 0.87      | 0.39      | 99.6      |
| 1302895    | 09/07/2012  | NAD 83 - 7 | 7186765  | 513750  | 1019      | DAW12000134 | 94        | 5.6       | 0.7       | 377.6     | 36.2      | 39.83     | 19        | 261       | 1.42      | 42.4      | 13.57     | 0.7       | 0.2       | 97.8      |
| 1302896    | 10/07/2012  | NAD 83 - 7 | 7184980  | 514362  | 633       | DAW12000134 | 69        | 12.5      | 2         | 305       | 22.4      | 20.09     | 25        | 125       | 4.11      | 19.7      | 17.28     | 1.15      | 0.29      | 63.1      |
| 1302897    | 10/07/2012  | NAD 83 - 7 | 7184883  | 514345  | 672       | DAW12000134 | 145       | 10.4      | 2.2       | 325       | 24.4      | 16.41     | 42        | 157       | 3.71      | 23.8      | 14.92     | 0.84      | 0.27      | 64        |
| 1302898    | 10/07/2012  | NAD 83 - 7 | 7184795  | 514387  | 690       | DAW12000134 | 58        | 12.4      | 1.7       | 235.8     | 32.9      | 30.19     | 38        | 161       | 4.17      | 26.5      | 15.14     | 0.96      | 0.5       | 70.6      |
| 1302899    | 10/07/2012  | NAD 83 - 7 | 7184699  | 514416  | 724       | DAW12000134 | 158       | 19.3      | 1.7       | 489.8     | 18.3      | 41.91     | 108       | 84        | 7.92      | 21.1      | 37.89     | 1.28      | 0.86      | 74.3      |
| 1302900    | 10/07/2012  | NAD 83 - 7 | 7184602  | 514439  | 753       | DAW12000134 | 345       | 25.5      | 2.9       | 386.4     | 17.1      | 42.46     | 152       | 17        | 8.65      | 12.1      | 84.33     | 1.85      | 0.79      | 64.4      |
| 1302901    | 03/07/2012  | NAD 83 - 7 | 7177630  | 505605  | 967       | DAW12000118 | 184       | 8.5       | 25.7      | 162.1     | 19.1      | 19.31     | 81        | 832       | 0.8       | 20        | 7.86      | 0.93      | 0.08      | 47.2      |
| 1302902    | 04/07/2012  | NAD 83 - 7 | 7180392  | 504007  | 665       | DAW12000118 | 388       | 12        | 2.3       | 283.2     | 18        | 40.34     | 34        | 328       | 5.56      | 31.4      | 23.75     | 1.89      | 0.15      | 68.1      |
| 1302903    | 04/07/2012  | NAD 83 - 7 | 7180411  | 504104  | 706       | DAW12000118 | 1300      | 33.3      | 15.2      | 318.8     | 45.3      | 253.49    | 205       | 299       | 38.03     | 38.7      | 71.24     | 4.33      | 0.6       | 38.3      |



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302904    | 04/07/2012  | NAD 83 - 7 | 7180393  | 504204  | 745       | DAW12000118 | 891       | 29.7      | 46        | 657.5     | 59.2      | 226.32    | 254       | 1474      | 47.59     | 91.1      | 87.8      | 5.16      | 0.64      | 210.5     |
| 1302905    | 04/07/2012  | NAD 83 - 7 | 7180382  | 504305  | 795       | DAW12000118 | 328       | 12.9      | 3.4       | 713.4     | 24.2      | 39.42     | 115       | 421       | 9.11      | 40.5      | 22.53     | 1.18      | 0.25      | 152.9     |
| 1302906    | 04/07/2012  | NAD 83 - 7 | 7180355  | 504406  | 843       | DAW12000118 | 241       | 6.6       | 3.3       | 682.9     | 25.4      | 23.35     | 41        | 205       | 2.26      | 16        | 13.31     | 0.59      | 0.16      | 61.5      |
| 1302907    | 04/07/2012  | NAD 83 - 7 | 7180401  | 504500  | 841       | DAW12000118 | 344       | 11.3      | 3.7       | 424.9     | 26.4      | 44.36     | 183       | 233       | 3.71      | 39.7      | 18.35     | 1.23      | 0.18      | 178       |
| 1302908    | 04/07/2012  | NAD 83 - 7 | 7180469  | 504575  | 840       | DAW12000118 | 1585      | 32.5      | 2.2       | 556.7     | 56.9      | 54.61     | 549       | 111       | 53.55     | 102.9     | 19.95     | 10.53     | 0.87      | 492.8     |
| 1302909    | 04/07/2012  | NAD 83 - 7 | 7180573  | 504559  | 844       | DAW12000118 | 905       | 11.3      | 5.7       | 264.9     | 22        | 44.74     | 246       | 351       | 5.85      | 38.4      | 20.49     | 0.77      | 0.2       | 134.5     |
| 1302910    | 04/07/2012  | NAD 83 - 7 | 7180675  | 504527  | 831       | DAW12000118 | 255       | 12        | 1.5       | 145.1     | 37.3      | 19.91     | 47        | 240       | 2.51      | 27.6      | 14.21     | 0.95      | 0.17      | 76.8      |
| 1302911    | 04/07/2012  | NAD 83 - 7 | 7180667  | 504418  | 788       | DAW12000118 | 87        | 9.9       | 0.5       | 89.5      | 29.8      | 19.66     | 32        | 193       | 2.89      | 22.9      | 24.59     | 0.61      | 0.15      | 57.8      |
| 1302912    | 04/07/2012  | NAD 83 - 7 | 7180679  | 504316  | 770       | DAW12000118 | 64        | 7.1       | 0.7       | 134.8     | 22.6      | 13.74     | 43        | 102       | 2.32      | 19.4      | 16.87     | 0.47      | 0.13      | 42.4      |
| 1302913    | 04/07/2012  | NAD 83 - 7 | 7180693  | 504214  | 765       | DAW12000118 | 203       | 10.6      | 1.8       | 174.2     | 28.3      | 24.57     | 30        | 158       | 5.26      | 25        | 21.1      | 0.63      | 0.15      | 65.9      |
| 1302914    | 04/07/2012  | NAD 83 - 7 | 7180745  | 504127  | 775       | DAW12000118 | 140       | 11.2      | 3.3       | 144.9     | 38.1      | 19.86     | 46        | 244       | 2.05      | 31        | 15.66     | 0.87      | 0.14      | 64.2      |
| 1302915    | 04/07/2012  | NAD 83 - 7 | 7180837  | 504063  | 763       | DAW12000118 | 127       | 11.6      | 1         | 80.8      | 27.9      | 19.09     | 35        | 195       | 2.11      | 20.1      | 13.41     | 0.91      | 0.15      | 57.6      |
| 1302916    | 04/07/2012  | NAD 83 - 7 | 7180939  | 503998  | 734       | DAW12000118 | 59        | 8.3       | 1         | 306.7     | 34.1      | 26.93     | 54        | 515       | 1.85      | 33.5      | 22.76     | 0.55      | 0.16      | 75.3      |
| 1302917    | 04/07/2012  | NAD 83 - 7 | 7180949  | 503899  | 686       | DAW12000118 | 59        | 9.3       | 1.8       | 172       | 28.6      | 21.08     | 18        | 235       | 1.97      | 18.8      | 12.26     | 0.9       | 0.13      | 51.4      |
| 1302918    | 04/07/2012  | NAD 83 - 7 | 7180984  | 503826  | 654       | DAW12000118 | 66        | 11.9      | 1         | 158.4     | 30.5      | 18.87     | 34        | 206       | 2.04      | 26.2      | 11.62     | 0.99      | 0.13      | 70.9      |
| 1302919    | 04/07/2012  | NAD 83 - 7 | 7180826  | 503768  | 663       | DAW12000118 | 135       | 11.7      | 1.1       | 133.4     | 31.1      | 15.82     | 18        | 213       | 2.41      | 18.9      | 16.4      | 0.97      | 0.14      | 57.7      |
| 1302920    | 04/07/2012  | NAD 83 - 7 | 7180780  | 503856  | 699       | DAW12000118 | 119       | 9         | 1         | 218       | 29.1      | 18.96     | 16        | 950       | 1.82      | 20.9      | 13.94     | 0.76      | 0.12      | 82.2      |
| 1302921    | 04/07/2012  | NAD 83 - 7 | 7180776  | 503955  | 742       | DAW12000118 | 108       | 9.4       | 0.8       | 270.8     | 30.3      | 20.7      | 21        | 549       | 1.64      | 21.8      | 16.63     | 0.77      | 0.14      | 95        |
| 1302922    | 04/07/2012  | NAD 83 - 7 | 7180780  | 504057  | 776       | DAW12000118 | 126       | 7.3       | 2.1       | 143.4     | 27.9      | 26.63     | 23        | 198       | 1.47      | 23.3      | 16.02     | 0.66      | 0.13      | 75.7      |
| 1302923    | 06/07/2012  | NAD 83 - 7 | 7184810  | 510323  | 601       | DAW12000134 | 55        | 6.7       | 2.5       | 131.1     | 19.5      | 37.79     | 28        | 127       | 2.02      | 32.2      | 9.27      | 0.54      | 0.14      | 84.9      |
| 1302924    | 06/07/2012  | NAD 83 - 7 | 7184709  | 510311  | 599       | DAW12000134 | 106       | 7.6       | 5.6       | 243.3     | 20.3      | 26.2      | 19        | 79        | 2.37      | 21.7      | 12.76     | 0.69      | 0.2       | 63.3      |
| 1302925    | 06/07/2012  | NAD 83 - 7 | 7184638  | 510226  | 580       | DAW12000134 | 65        | 7.1       | 2.6       | 249.9     | 18.8      | 21.4      | 9         | 79        | 2.51      | 13        | 10.48     | 0.71      | 0.19      | 40.8      |
| 1302926    | 06/07/2012  | NAD 83 - 7 | 7184592  | 510135  | 575       | DAW12000134 | 172       | 19.4      | 3.4       | 275.2     | 16        | 15.2      | 20        | 93        | 7.73      | 12.1      | 11.43     | 1.35      | 0.55      | 48.7      |
| 1302927    | 06/07/2012  | NAD 83 - 7 | 7184534  | 510050  | 564       | DAW12000134 | 82        | 6.4       | 3.1       | 188       | 18.8      | 25.02     | 37        | 96        | 1.48      | 15.3      | 7.4       | 0.73      | 0.12      | 41.9      |
| 1302928    | 06/07/2012  | NAD 83 - 7 | 7184512  | 509952  | 575       | DAW12000134 | 382       | 10        | 3.4       | 532.3     | 13.1      | 27.03     | 22        | 35        | 7.27      | 10.9      | 16.06     | 2.8       | 0.42      | 89        |
| 1302929    | 06/07/2012  | NAD 83 - 7 | 7184502  | 509840  | 570       | DAW12000134 | 201       | 8.2       | 2.2       | 459.7     | 10.9      | 24.41     | 23        | 14        | 5.41      | 8.4       | 11.84     | 1.55      | 0.41      | 60.9      |
| 1302930    | 06/07/2012  | NAD 83 - 7 | 7184467  | 509742  | 563       | DAW12000134 | 348       | 13.1      | 2.4       | 541.6     | 16.7      | 39.63     | 16        | 46        | 7.05      | 10.1      | 15.42     | 1.79      | 0.53      | 38.3      |
| 1302931    | 06/07/2012  | NAD 83 - 7 | 7184433  | 509644  | 549       | DAW12000134 | 124       | 7.7       | 2         | 491       | 24.5      | 30.59     | 22        | 153       | 2.63      | 22.3      | 8.47      | 1.02      | 0.15      | 62.5      |
| 1302932    | 06/07/2012  | NAD 83 - 7 | 7184443  | 509540  | 536       | DAW12000134 | 353       | 9         | 1.7       | 400.5     | 18.6      | 22.75     | 24        | 99        | 4.61      | 12.5      | 13.15     | 1.59      | 0.37      | 81.4      |
| 1302933    | 06/07/2012  | NAD 83 - 7 | 7184445  | 509421  | 510       | DAW12000134 | 116       | 8         | 3.7       | 308.9     | 22.3      | 21.09     | 33        | 117       | 2.87      | 15.1      | 9.14      | 0.88      | 0.17      | 51.3      |
| 1302934    | 06/07/2012  | NAD 83 - 7 | 7184456  | 509301  | 490       | DAW12000134 | 145       | 8.9       | 2         | 294.1     | 20.1      | 25.5      | 14        | 68        | 3.54      | 17.3      | 11.69     | 1.11      | 0.21      | 60.1      |
| 1302935    | 06/07/2012  | NAD 83 - 7 | 7184424  | 509193  | 471       | DAW12000134 | 630       | 9.2       | 6.1       | 898.8     | 20.3      | 49.65     | 165       | 82        | 6.01      | 32.8      | 14.77     | 1.36      | 0.39      | 105.5     |
| 1302936    | 06/07/2012  | NAD 83 - 7 | 7184404  | 509092  | 453       | DAW12000134 | 247       | 13        | 4.1       | 593.1     | 33.2      | 38.63     | 50        | 338       | 3.14      | 39.6      | 11.5      | 1.59      | 0.16      | 85.7      |
| 1302937    | 06/07/2012  | NAD 83 - 7 | 7184098  | 509469  | 447       | DAW12000134 | 383       | 13.3      | 4         | 982.4     | 29.2      | 35.83     | 58        | 309       | 3.91      | 60.4      | 11.9      | 1.61      | 0.2       | 174.1     |
| 1302938    | 06/07/2012  | NAD 83 - 7 | 7184182  | 509536  | 483       | DAW12000134 | 115       | 10.1      | 5.8       | 423.3     | 22.8      | 25.57     | 20        | 126       | 3.27      | 22.4      | 8         | 1.28      | 0.21      | 61.5      |
| 1302939    | 06/07/2012  | NAD 83 - 7 | 7184227  | 509639  | 504       | DAW12000134 | 234       | 11.2      | 2.5       | 768.1     | 20        | 28.47     | 13        | 65        | 5.74      | 14        | 11.11     | 2.16      | 0.34      | 71.6      |
| 1302940    | 06/07/2012  | NAD 83 - 7 | 7184329  | 509672  | 529       | DAW12000134 | 289       | 15.1      | 1.8       | 641.2     | 14.3      | 34.59     | 31        | 65        | 10.48     | 15.7      | 18.62     | 1.77      | 0.59      | 106.8     |
| 1302941    | 06/07/2012  | NAD 83 - 7 | 7184336  | 509796  | 534       | DAW12000134 | 233       | 8.9       | 2.1       | 417.6     | 16.5      | 29.12     | 24        | 73        | 4.43      | 13.8      | 12.3      | 1.21      | 0.3       | 63        |
| 1302942    | 06/07/2012  | NAD 83 - 7 | 7184396  | 509885  | 548       | DAW12000134 | 170       | 6.7       | 1.2       | 225.1     | 14.3      | 26.92     | 14        | 60        | 3.03      | 10.7      | 8.5       | 0.83      | 0.23      | 36.7      |
| 1302943    | 07/07/2012  | NAD 83 - 7 | 7184899  | 511191  | 579       | DAW12000134 | 63        | 8.9       | 1.9       | 204.9     | 29.8      | 29.98     | 17        | 158       | 1.96      | 31        | 11.45     | 0.97      | 0.17      | 70.3      |
| 1302944    | 07/07/2012  | NAD 83 - 7 | 7184850  | 511280  | 620       | DAW12000134 | 134       | 5.7       | 0.6       | 314.4     | 25.4      | 46.03     | 31        | 109       | 1.23      | 38.6      | 10.64     | 0.65      | 0.1       | 78.8      |
| 1302945    | 07/07/2012  | NAD 83 - 7 | 7184826  | 511379  | 643       | DAW12000134 | 239       | 8.2       | 1.4       | 316.3     | 26.6      | 26.46     | 30        | 162       | 2.22      | 22.2      | 12.84     | 0.71      | 0.21      | 98.5      |
| 1302946    | 07/07/2012  | NAD 83 - 7 | 7184833  | 511482  | 685       | DAW12000134 | 153       | 8.1       | 0.7       | 404.8     | 31.2      | 33.67     | 17        | 285       | 2.31      | 39.4      | 16.9      | 0.92      | 0.15      | 107.2     |
| 1302947    | 07/07/2012  | NAD 83 - 7 | 7184842  | 511583  | 713       | DAW12000134 | 100       | 5.9       | 0.6       | 536       | 26.2      | 28.75     | 9         | 123       | 1.4       | 26        | 8.76      | 0.75      | 0.12      | 57.6      |
| 1302948    | 07/07/2012  | NAD 83 - 7 | 7184859  | 511686  | 727       | DAW12000134 | 79        | 8.8       | 0.6       | 233.5     | 28.3      | 13.1      | 17        | 204       | 2.17      | 19.8      | 16.74     | 0.7       | 0.25      | 69.2      |
| 1302949    | 07/07/2012  | NAD 83 - 7 | 7184821  | 511784  | 736       | DAW12000134 | 28        | 8.7       | 0.1       | 135.9     | 13.4      | 28.95     | 10        | 84        | 1.59      | 24.7      | 23.01     | 0.96      | 0.19      | 127.9     |
| 1302950    | 07/07/2012  | NAD 83 - 7 | 7184880  | 511874  | 721       | DAW12000134 | 91        | 9.3       | 1.8       | 330.2     | 31.1      | 43.26     | 18        | 97        | 2.47      | 53.2      | 16.69     | 1.03      | 0.25      | 107.2     |
| 1302951    | 04/07/2012  | NAD 83 - 7 | 7179833  | 504410  | 769       | DAW12000118 | 273       | 12.9      | 0.7       | 204.3     | 22.7      | 31.28     | 30        | 351       | 3.59      | 24.1      | 15.64     | 1.25      | 0.12      | 76.2      |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1302952    | 04/07/2012  | NAD 83 - 7 | 7179847  | 504305  | 816       | DAW12000118 | 101    | 11     | 0.6    | 308.1  | 32.1   | 38.27  | 70     | 1386   | 1.78   | 33.1   | 21.18  | 0.71   | 0.13   | 81.9   |
| 1302953    | 04/07/2012  | NAD 83 - 7 | 7179893  | 504208  | 867       | DAW12000118 | 57     | 20.8   | 1.1    | 205.3  | 29.6   | 25.08  | 36     | 277    | 1.52   | 31.9   | 12.3   | 0.77   | 0.1    | 67.8   |
| 1302954    | 04/07/2012  | NAD 83 - 7 | 7179876  | 504092  | 890       | DAW12000118 | 103    | 41.5   | 0.6    | 124.7  | 8.6    | 24.81  | 41     | 794    | 2.46   | 24.8   | 10.82  | 0.33   | 0.07   | 55.5   |
| 1302955    | 04/07/2012  | NAD 83 - 7 | 7179385  | 503641  | 889       | DAW12000118 | 31     | 8.1    | 0.9    | 171.6  | 19.9   | 17.17  | 29     | 349    | 1.29   | 11.6   | 6.35   | 0.59   | 0.11   | 37.1   |
| 1302956    | 04/07/2012  | NAD 83 - 7 | 7179487  | 503620  | 880       | DAW12000118 | 58     | 9.6    | 1      | 235.3  | 29.9   | 15.73  | 33     | 213    | 1.72   | 19.7   | 10.95  | 0.88   | 0.13   | 49.2   |
| 1302957    | 04/07/2012  | NAD 83 - 7 | 7179596  | 503616  | 923       | DAW12000118 | 51     | 11.7   | 0.8    | 378.2  | 25.3   | 15.74  | 33     | 1614   | 1.39   | 18.7   | 7.65   | 0.44   | 0.11   | 65.3   |
| 1302958    | 04/07/2012  | NAD 83 - 7 | 7179692  | 503661  | 932       | DAW12000118 | 38     | 5.9    | 0.4    | 227    | 22.4   | 11.38  | 50     | 930    | 1.44   | 16.7   | 5.81   | 0.6    | 0.07   | 49.5   |
| 1302959    | 04/07/2012  | NAD 83 - 7 | 7179782  | 503720  | 891       | DAW12000118 | 118    | 8.2    | 1.1    | 240.8  | 30     | 25.62  | 47     | 448    | 1.68   | 19     | 12.13  | 0.57   | 0.17   | 39.6   |
| 1302960    | 04/07/2012  | NAD 83 - 7 | 7179826  | 503824  | 879       | DAW12000118 | 37     | 4.5    | 0.2    | 168.9  | 22.4   | 9.15   | 46     | 339    | 1.03   | 19.7   | 5.32   | 0.57   | 0.08   | 52.2   |
| 1302961    | 04/07/2012  | NAD 83 - 7 | 7179848  | 503932  | 882       | DAW12000118 | 50     | 11.3   | 0.2    | 137.2  | 19.7   | 21.52  | 54     | 410    | 0.97   | 21.9   | 7.65   | 0.45   | 0.08   | 42.4   |
| 1302962    | 04/07/2012  | NAD 83 - 7 | 7179864  | 504015  | 891       | DAW12000118 | 33     | 38     | 0.6    | 353.3  | 12.6   | 32.85  | 29     | 475    | 0.72   | 19.6   | 5.44   | 0.39   | 0.06   | 34.7   |
| 1302963    | 04/07/2012  | NAD 83 - 7 | 7180000  | 504221  | 820       | DAW12000118 | 350    | 18.8   | 5.1    | 165    | 24.9   | 37.04  | 99     | 509    | 3.47   | 26.9   | 24.34  | 0.88   | 0.13   | 71.9   |
| 1302964    | 04/07/2012  | NAD 83 - 7 | 7180099  | 504292  | 772       | DAW12000118 | 165    | 5.6    | 1.8    | 222.4  | 16.9   | 41.37  | 40     | 150    | 3.14   | 19.1   | 9.09   | 0.81   | 0.15   | 110.1  |
| 1302965    | 04/07/2012  | NAD 83 - 7 | 7180208  | 504339  | 785       | DAW12000118 | 403    | 12.3   | 3      | 226    | 36.5   | 24.73  | 64     | 204    | 2.8    | 27.5   | 13.14  | 1.44   | 0.13   | 75.1   |
| 1302966    | 04/07/2012  | NAD 83 - 7 | 7180292  | 504397  | 818       | DAW12000118 | 126    | 12.3   | 1.7    | 452.5  | 35.2   | 23.17  | 23     | 228    | 3.42   | 27.1   | 14.97  | 1.16   | 0.14   | 83.6   |
| 1302968    | 08/07/2012  | NAD 83 - 7 | 7186192  | 512483  | 1060      | DAW12000134 | 133    | 10     | 1.5    | 492.6  | 44.5   | 59.5   | 42     | 259    | 3.48   | 61.8   | 19.17  | 0.94   | 0.42   | 100.4  |
| 1302969    | 08/07/2012  | NAD 83 - 7 | 7186278  | 512419  | 1034      | DAW12000134 | 266    | 15.9   | 2      | 397.4  | 42.3   | 54.33  | 105    | 269    | 2.9    | 56.9   | 37.7   | 1.53   | 1.36   | 110    |
| 1302970    | 08/07/2012  | NAD 83 - 7 | 7186373  | 512373  | 1002      | DAW12000134 | 525    | 11.3   | 3.2    | 614.4  | 46.2   | 59.53  | 86     | 399    | 2.23   | 54.2   | 24.7   | 1.2    | 0.58   | 142.3  |
| 1302971    | 08/07/2012  | NAD 83 - 7 | 7186474  | 512335  | 944       | DAW12000134 | 383    | 15.4   | 3.6    | 585.4  | 44.2   | 71.21  | 122    | 271    | 3.65   | 53.2   | 29.09  | 1.34   | 0.73   | 114.2  |
| 1302972    | 08/07/2012  | NAD 83 - 7 | 7186558  | 512301  | 916       | DAW12000134 | 134    | 11.8   | 1.6    | 307.9  | 27.2   | 44.4   | 48     | 148    | 2.95   | 40.8   | 19.93  | 1.18   | 0.28   | 91.2   |
| 1302973    | 08/07/2012  | NAD 83 - 7 | 7186651  | 512238  | 926       | DAW12000134 | 535    | 16.5   | 15.7   | 345.4  | 31     | 56.17  | 203    | 259    | 5.81   | 41.3   | 35.12  | 1.14   | 0.2    | 167.6  |
| 1302974    | 06/07/2012  | NAD 83 - 7 | 7186789  | 512174  | 998       | DAW12000134 | 195    | 16.5   | 1.4    | 199.3  | 22.7   | 16.27  | 53     | 666    | 4.69   | 29.9   | 17.36  | 0.76   | 0.19   | 141.7  |
| 1302975    | 06/07/2012  | NAD 83 - 7 | 7187772  | 512753  | 877       | DAW12000134 | 547    | 50.6   | 13.5   | 163.3  | 43.8   | 72.08  | 192    | 323    | 8.94   | 34.4   | 22.23  | 1.08   | 0.52   | 91.2   |
| 1302976    | 06/07/2012  | NAD 83 - 7 | 7187667  | 512761  | 885       | DAW12000134 | 50     | 12.3   | 4.3    | 153.5  | 39.4   | 18.98  | 33     | 259    | 2.61   | 26     | 15.58  | 1.02   | 0.24   | 79     |
| 1302977    | 06/07/2012  | NAD 83 - 7 | 7187517  | 512741  | 879       | DAW12000134 | 425    | 37.9   | 30.7   | 435.9  | 54.8   | 109.63 | 153    | 377    | 24.2   | 76.7   | 50.48  | 2.58   | 0.95   | 476.6  |
| 1302978    | 06/07/2012  | NAD 83 - 7 | 7187391  | 512716  | 857       | DAW12000134 | 105    | 14.3   | 2.2    | 290.3  | 33.2   | 18.19  | 16     | 183    | 6.02   | 28.2   | 15.14  | 0.87   | 0.29   | 108.3  |
| 1302979    | 06/07/2012  | NAD 83 - 7 | 7187183  | 512468  | 933       | DAW12000134 | 192    | 18.6   | 2.3    | 264.3  | 30.5   | 16.32  | 72     | 520    | 9.38   | 28     | 13.54  | 0.84   | 0.23   | 71.6   |
| 1302980    | 06/07/2012  | NAD 83 - 7 | 7187047  | 512354  | 985       | DAW12000134 | 120    | 27.2   | 1      | 233.9  | 26     | 11.89  | 26     | 661    | 18.08  | 21.7   | 21.86  | 0.77   | 0.25   | 119    |
| 1302981    | 06/07/2012  | NAD 83 - 7 | 7186940  | 512289  | 1000      | DAW12000134 | 112    | 22.6   | 1.3    | 216.3  | 22.1   | 18.36  | 34     | 656    | 7.73   | 25.1   | 24.93  | 0.72   | 0.4    | 90.3   |
| 1302982    | 07/07/2012  | NAD 83 - 7 | 7183285  | 513581  | 914       | DAW12000134 | 177    | 7.5    | 2.5    | 282.6  | 36.1   | 26.29  | 53     | 194    | 1.84   | 29.5   | 13.68  | 0.61   | 0.21   | 71     |
| 1302983    | 07/07/2012  | NAD 83 - 7 | 7183356  | 513494  | 897       | DAW12000134 | 210    | 8.8    | 2.8    | 441.5  | 38.8   | 33.44  | 52     | 236    | 1.9    | 38.4   | 14.48  | 0.73   | 0.2    | 84.2   |
| 1302984    | 07/07/2012  | NAD 83 - 7 | 7183419  | 513400  | 874       | DAW12000134 | 61     | 11.4   | 1.6    | 195.7  | 37.3   | 26.02  | 19     | 273    | 2.32   | 32.1   | 17.32  | 0.88   | 0.24   | 85.3   |
| 1302985    | 07/07/2012  | NAD 83 - 7 | 7183479  | 513331  | 849       | DAW12000134 | 325    | 16.7   | 4.3    | 524.6  | 32.9   | 68.17  | 148    | 51     | 4.57   | 20.4   | 48.16  | 1.84   | 1      | 62     |
| 1302986    | 07/07/2012  | NAD 83 - 7 | 7183493  | 513223  | 840       | DAW12000134 | 154    | 12.7   | 1.6    | 278.8  | 37.6   | 16.89  | 37     | 223    | 2.92   | 42.9   | 16.42  | 0.93   | 0.23   | 104.4  |
| 1302987    | 07/07/2012  | NAD 83 - 7 | 7183506  | 513120  | 851       | DAW12000134 | 75     | 6.3    | 0.8    | 344.2  | 32.6   | 25.95  | 19     | 95     | 1.43   | 40.3   | 14.35  | 0.57   | 0.19   | 91.9   |
| 1302988    | 07/07/2012  | NAD 83 - 7 | 7183546  | 513022  | 866       | DAW12000134 | 179    | 7.8    | 0.4    | 369    | 29     | 27.01  | 29     | 145    | 2.51   | 54.8   | 59.87  | 1.62   | 0.22   | 245.8  |
| 1302989    | 07/07/2012  | NAD 83 - 7 | 7183396  | 512661  | 845       | DAW12000134 | 161    | 6.4    | 0.1    | 451.2  | 46.6   | 40.35  | 18     | 124    | 1.46   | 55.8   | 38.3   | 0.64   | 0.16   | 198.6  |
| 1302990    | 07/07/2012  | NAD 83 - 7 | 7183407  | 512760  | 838       | DAW12000134 | 320    | 6.7    | 3.3    | 204.3  | 41.3   | 58.45  | 38     | 170    | 1.5    | 53.6   | 21.78  | 0.5    | 0.17   | 114.3  |
| 1302991    | 07/07/2012  | NAD 83 - 7 | 7183456  | 512861  | 821       | DAW12000134 | 53     | 6.5    | 0.7    | 247.9  | 22.9   | 16.58  | 15     | 124    | 2.04   | 16.6   | 17.23  | 0.71   | 0.17   | 56.3   |
| 1302992    | 07/07/2012  | NAD 83 - 7 | 7183530  | 512939  | 837       | DAW12000134 | 212    | 7.4    | 0.4    | 445.1  | 32.5   | 30.57  | 30     | 401    | 1.93   | 37     | 24.17  | 0.88   | 0.26   | 138.4  |
| 1302993    | 07/07/2012  | NAD 83 - 7 | 7183649  | 513006  | 861       | DAW12000134 | 208    | 13.9   | 2.2    | 273.8  | 38.3   | 45.66  | 62     | 256    | 3.05   | 42.6   | 26.66  | 1.49   | 0.69   | 109.7  |
| 1302994    | 07/07/2012  | NAD 83 - 7 | 7183755  | 512979  | 865       | DAW12000134 | 89     | 7.7    | 1.7    | 842.8  | 37.7   | 32.12  | 30     | 248    | 1.66   | 33.6   | 53.52  | 0.59   | 0.25   | 203.1  |
| 1302995    | 07/07/2012  | NAD 83 - 7 | 7183863  | 512929  | 838       | DAW12000134 | 54     | 10.1   | 2.2    | 125.4  | 28.3   | 24.74  | 25     | 146    | 2.3    | 20.2   | 15.85  | 0.86   | 0.22   | 72.2   |
| 1302996    | 07/07/2012  | NAD 83 - 7 | 7183965  | 512910  | 803       | DAW12000134 | 199    | 6.4    | 0.9    | 510    | 32.1   | 35.14  | 31     | 334    | 2.21   | 35.2   | 25.64  | 0.78   | 0.22   | 138.7  |
| 1302997    | 07/07/2012  | NAD 83 - 7 | 7184034  | 512825  | 768       | DAW12000134 | 90     | 10.6   | 0.8    | 406    | 36.1   | 46.82  | 91     | 422    | 2.47   | 35.1   | 22.11  | 1.08   | 0.39   | 120.5  |
| 1302998    | 07/07/2012  | NAD 83 - 7 | 7184101  | 512740  | 699       | DAW12000134 | 100    | 8.8    | 1      | 503.2  | 33     | 32.42  | 25     | 194    | 2.87   | 24.3   | 30.29  | 0.97   | 0.33   | 113    |
| 1302999    | 07/07/2012  | NAD 83 - 7 | 7184188  | 512683  | 625       | DAW12000134 | 99     | 10.5   | 1.1    | 318.7  | 39.5   | 26.53  | 31     | 364    | 3.29   | 25.2   | 29     | 0.91   | 0.33   | 125.6  |
| 1303000    | 07/07/2012  | NAD 83 - 7 | 7184274  | 512626  | 556       | DAW12000134 | 319    | 8.5    | 2.4    | 1107.1 | 38.1   | 53.5   | 60     | 363    | 2.58   | 36.1   | 40.56  | 0.88   | 0.43   | 140.3  |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1306001    | 25/07/2012  | NAD 83 - 7 | 7184846  | 526924  | 1235      | DAW12000183 | 219       | 12.8      | 5.6       | 148.5     | 27.3      | 20.3      | 69        | 620       | 4.12      | 28.8      | 13.33     | 1.27      | 0.11      | 103.1     |
| 1306002    | 25/07/2012  | NAD 83 - 7 | 7184812  | 527012  | 1270      | DAW12000183 | 369       | 31.5      | 1.4       | 179.2     | 54.8      | 42.89     | 168       | 337       | 7.84      | 152.4     | 26.2      | 2.53      | 0.99      | 153.2     |
| 1306003    | 25/07/2012  | NAD 83 - 7 | 7184776  | 527094  | 1289      | DAW12000183 | 201       | 9.8       | 1.2       | 138.2     | 24        | 25.18     | 57        | 292       | 1.55      | 47.6      | 10.82     | 1.33      | 0.2       | 154.1     |
| 1306004    | 25/07/2012  | NAD 83 - 7 | 7184808  | 526426  | 1119      | DAW12000183 | 170       | 10.6      | 9.6       | 181.1     | 27.5      | 19.25     | 48        | 522       | 1.99      | 28.8      | 18.52     | 0.94      | 0.11      | 83.7      |
| 1306005    | 25/07/2012  | NAD 83 - 7 | 7184793  | 526324  | 1086      | DAW12000183 | 144       | 8.3       | 13.3      | 104       | 18.1      | 9.87      | 86        | 296       | 2.42      | 20.5      | 9.75      | 0.9       | 0.11      | 86        |
| 1306006    | 25/07/2012  | NAD 83 - 7 | 7184781  | 526219  | 1071      | DAW12000183 | 305       | 10.5      | 4.1       | 300.2     | 28        | 27.71     | 85        | 353       | 2.66      | 35.8      | 11.53     | 1.32      | 0.18      | 108.2     |
| 1306007    | 25/07/2012  | NAD 83 - 7 | 7184768  | 526118  | 1064      | DAW12000183 | 363       | 8.5       | 2.6       | 262       | 26.3      | 23.7      | 73        | 394       | 2.37      | 31.4      | 11.17     | 1.58      | 0.14      | 125.8     |
| 1306008    | 25/07/2012  | NAD 83 - 7 | 7185227  | 525495  | 1057      | DAW12000183 | 829       | 19.9      | 1.9       | 367.6     | 29.5      | 37.03     | 231       | 322       | 11.26     | 84.8      | 11.91     | 4.14      | 0.48      | 449       |
| 1306009    | 25/07/2012  | NAD 83 - 7 | 7185241  | 525595  | 1064      | DAW12000183 | 366       | 15.4      | 2.2       | 216.4     | 13.3      | 37.77     | 91        | 73        | 20.42     | 80.2      | 8.46      | 5.95      | 0.5       | 381       |
| 1306010    | 26/07/2012  | NAD 83 - 7 | 7186101  | 523821  | 903       | DAW12000183 | 1037      | 9.5       | 3         | 1562.1    | 25        | 45.47     | 233       | 165       | 4.7       | 49        | 13.68     | 2.79      | 0.3       | 237.1     |
| 1306011    | 26/07/2012  | NAD 83 - 7 | 7186104  | 523917  | 923       | DAW12000183 | 2435      | 18.5      | 6.4       | 367.6     | 37.8      | 90.06     | 346       | 169       | 28.72     | 88.7      | 15.15     | 5.12      | 0.51      | 417.6     |
| 1306012    | 26/07/2012  | NAD 83 - 7 | 7186034  | 523995  | 940       | DAW12000183 | 1108      | 31.7      | 8.2       | 396.6     | 40.4      | 82.14     | 255       | 285       | 50.16     | 124.9     | 19.47     | 9.94      | 0.59      | 633.1     |
| 1306013    | 26/07/2012  | NAD 83 - 7 | 7186002  | 524100  | 960       | DAW12000183 | 403       | 22        | 2.3       | 102.4     | 9.8       | 14.87     | 94        | 209       | 22.81     | 42.6      | 12.4      | 3.7       | 0.56      | 190.9     |
| 1306014    | 26/07/2012  | NAD 83 - 7 | 7185960  | 524209  | 986       | DAW12000183 | 340       | 21.8      | 2.6       | 1299.5    | 40.6      | 28.41     | 205       | 452       | 53.62     | 96.8      | 23.67     | 7.16      | 0.29      | 520.8     |
| 1306015    | 26/07/2012  | NAD 83 - 7 | 7185872  | 524393  | 1017      | DAW12000183 | 374       | 18.9      | 2         | 373.5     | 35.5      | 26.3      | 108       | 459       | 17.82     | 79.2      | 17.61     | 3.84      | 0.34      | 299.2     |
| 1306016    | 26/07/2012  | NAD 83 - 7 | 7185829  | 524488  | 1028      | DAW12000183 | 288       | 13.6      | 4         | 237.8     | 25.8      | 20.2      | 53        | 394       | 5.24      | 38.5      | 13.37     | 1.73      | 0.24      | 111.5     |
| 1306017    | 26/07/2012  | NAD 83 - 7 | 7185815  | 524587  | 1046      | DAW12000183 | 362       | 11.8      | 2.3       | 257.6     | 28.1      | 20.2      | 90        | 445       | 3.47      | 37.8      | 11.92     | 1.47      | 0.22      | 104.3     |
| 1306018    | 26/07/2012  | NAD 83 - 7 | 7185809  | 524688  | 1049      | DAW12000183 | 162       | 11.9      | 2.2       | 355       | 35.3      | 13.32     | 49        | 302       | 3.95      | 28.9      | 15.99     | 1.27      | 0.22      | 83.6      |
| 1306019    | 26/07/2012  | NAD 83 - 7 | 7185800  | 524788  | 1037      | DAW12000183 | 385       | 15.8      | 1.7       | 299.6     | 29.4      | 14.1      | 69        | 366       | 6.13      | 38.1      | 11.1      | 2.27      | 0.56      | 121.9     |
| 1306020    | 26/07/2012  | NAD 83 - 7 | 7185769  | 524884  | 1022      | DAW12000183 | 511       | 14.6      | 4.1       | 2542.6    | 24.7      | 30.21     | 99        | 244       | 7.7       | 63.2      | 13.44     | 2.38      | 0.27      | 289.5     |
| 1306021    | 26/07/2012  | NAD 83 - 7 | 7185715  | 525047  | 1043      | DAW12000183 | 3957      | 23.9      | 8.8       | 499.6     | 24        | 140.01    | 528       | 215       | 41.13     | 90        | 14.67     | 8.12      | 0.69      | 468.2     |
| 1306022    | 26/07/2012  | NAD 83 - 7 | 7185661  | 525132  | 1060      | DAW12000183 | 352       | 15.3      | 3.8       | 183.2     | 21.2      | 23        | 77        | 420       | 4.8       | 31.9      | 11.54     | 1.66      | 0.16      | 88.8      |
| 1306023    | 26/07/2012  | NAD 83 - 7 | 7185624  | 525214  | 1072      | DAW12000183 | 269       | 20.1      | 1         | 58.1      | 8.4       | 16.22     | 52        | 88        | 26.49     | 31.1      | 14.43     | 2.89      | 0.24      | 107       |
| 1306024    | 26/07/2012  | NAD 83 - 7 | 7185592  | 525292  | 1072      | DAW12000183 | 327       | 21        | 1.4       | 68.4      | 4.2       | 11.54     | 63        | 143       | 15.14     | 32.2      | 8.9       | 3.29      | 0.28      | 59        |
| 1306025    | 26/07/2012  | NAD 83 - 7 | 7185525  | 525410  | 1074      | DAW12000183 | 423       | 27.4      | 2.2       | 53.3      | 5.3       | 18.97     | 63        | 104       | 15.21     | 30.3      | 10.94     | 3.36      | 0.36      | 75.9      |
| 1306026    | 26/07/2012  | NAD 83 - 7 | 7185482  | 525502  | 1080      | DAW12000183 | 280       | 23.4      | 0.8       | 309.6     | 5.5       | 8.77      | 47        | 131       | 31.01     | 35.8      | 10.56     | 3.77      | 0.32      | 120.7     |
| 1306027    | 26/07/2012  | NAD 83 - 7 | 7185420  | 525566  | 1078      | DAW12000183 | 639       | 20.5      | 1.1       | 173.5     | 17.7      | 34.71     | 304       | 197       | 22.54     | 102       | 9.73      | 7.1       | 0.75      | 406.6     |
| 1306028    | 26/07/2012  | NAD 83 - 7 | 7185336  | 525594  | 1076      | DAW12000183 | 212       | 14.6      | 1.6       | 207       | 28.1      | 17.59     | 60        | 252       | 5.81      | 37.7      | 12.29     | 1.91      | 0.21      | 134.8     |
| 1306029    | 26/07/2012  | NAD 83 - 7 | 7185825  | 525244  | 967       | DAW12000183 | 8481      | 31.9      | 10.4      | 220       | 78.9      | 220.3     | 874       | 53        | 82.77     | 121       | 11.46     | 21.76     | 0.84      | 647.9     |
| 1306030    | 26/07/2012  | NAD 83 - 7 | 7185920  | 525276  | 918       | DAW12000183 | 899       | 16.4      | 3.3       | 1294.4    | 10        | 25.19     | 312       | 54        | 17.38     | 30.6      | 16.53     | 4.81      | 0.7       | 127       |
| 1306031    | 27/07/2012  | NAD 83 - 7 | 7186235  | 524752  | 833       | DAW12000183 | 590       | 7.5       | 4.9       | 1165.2    | 23.2      | 39.85     | 85        | 160       | 2.24      | 41.2      | 13.72     | 1.88      | 0.37      | 154.2     |
| 1306032    | 28/07/2012  | NAD 83 - 7 | 7186515  | 521897  | 750       | DAW12000183 | 805       | 15        | 3.4       | 1165.6    | 11.8      | 26.18     | 65        | 82        | 9.8       | 38.6      | 18.32     | 2.45      | 1.4       | 101.5     |
| 1306033    | 28/07/2012  | NAD 83 - 7 | 7186548  | 521813  | 721       | DAW12000183 | 745       | 14.4      | 1.8       | 803.4     | 11.4      | 7.95      | 32        | 39        | 5.8       | 9.6       | 12.93     | 2.19      | 0.9       | 40.8      |
| 1306034    | 28/07/2012  | NAD 83 - 7 | 7186616  | 521738  | 673       | DAW12000183 | 900       | 26.3      | 3.4       | 434.5     | 10.5      | 40.69     | 94        | 15        | 13.53     | 21.1      | 9.93      | 3.51      | 2.69      | 43.4      |
| 1306035    | 28/07/2012  | NAD 83 - 7 | 7186655  | 521525  | 639       | DAW12000183 | 1041      | 20.9      | 3.4       | 618.4     | 18.8      | 54.19     | 72        | 248       | 11.6      | 79.8      | 18.33     | 3.76      | 1.74      | 333.7     |
| 1306036    | 28/07/2012  | NAD 83 - 7 | 7186455  | 521545  | 683       | DAW12000183 | 682       | 26.1      | 2.4       | 97.5      | 14.3      | 22.6      | 65        | 13        | 17.73     | 12.8      | 24.74     | 1.75      | 3.94      | 51.3      |
| 1306037    | 28/07/2012  | NAD 83 - 7 | 7186278  | 521647  | 712       | DAW12000183 | 1200      | 128.2     | 15.3      | 52.5      | 43.2      | 73.57     | 186       | 111       | 39.97     | 45.3      | 24.31     | 7.11      | 11.97     | 115.4     |
| 1306038    | 28/07/2012  | NAD 83 - 7 | 7186106  | 521894  | 768       | DAW12000183 | 247       | 6.7       | 1.9       | 629.8     | 26.3      | 20.33     | 45        | 220       | 3.11      | 31.1      | 11.67     | 0.92      | 0.22      | 98.5      |
| 1306039    | 28/07/2012  | NAD 83 - 7 | 7185881  | 522116  | 910       | DAW12000183 | 61        | 17        | 2.1       | 191.4     | 32.8      | 19.39     | 22        | 244       | 4.54      | 30.3      | 16.6      | 1.87      | 0.32      | 106.2     |
| 1306040    | 28/07/2012  | NAD 83 - 7 | 7185903  | 522215  | 907       | DAW12000183 | 111       | 8.8       | 1.7       | 557.9     | 27.3      | 34.2      | 45        | 227       | 2.66      | 49.2      | 15.64     | 1.08      | 0.15      | 135.3     |
| 1306041    | 28/07/2012  | NAD 83 - 7 | 7185897  | 522309  | 913       | DAW12000183 | 76        | 11.2      | 0.8       | 221.4     | 38.6      | 21.18     | 29        | 470       | 2.61      | 54.8      | 22.26     | 0.99      | 0.3       | 109.5     |
| 1306101    | 26/07/2012  | NAD 83 - 7 | 7186719  | 522337  | 877       | DAW12000183 | 183       | 10.1      | 1.2       | 233.6     | 28.5      | 12.93     | 27        | 316       | 3.43      | 32.3      | 21.06     | 0.8       | 0.23      | 115.6     |
| 1306102    | 26/07/2012  | NAD 83 - 7 | 7186614  | 522336  | 881       | DAW12000183 | 145       | 11.9      | 3.8       | 438.2     | 29.7      | 12.35     | 22        | 208       | 3.74      | 29.8      | 17.26     | 1.04      | 0.29      | 97.6      |
| 1306103    | 26/07/2012  | NAD 83 - 7 | 7186534  | 522397  | 888       | DAW12000183 | 129       | 12        | 1.6       | 317.7     | 36.5      | 17.44     | 26        | 337       | 2.69      | 37.1      | 13.71     | 0.99      | 0.25      | 84.5      |
| 1306104    | 26/07/2012  | NAD 83 - 7 | 7186567  | 522599  | 870       | DAW12000183 | 332       | 10.9      | 2.6       | 560.9     | 30        | 23.52     | 48        | 150       | 1.03      | 32.4      | 14.81     | 0.91      | 0.17      | 96.5      |
| 1306105    | 26/07/2012  | NAD 83 - 7 | 7186563  | 522699  | 837       | DAW12000183 | 749       | 19.8      | 4.3       | 943.6     | 11.9      | 30.63     | 109       | 98        | 12.81     | 43.4      | 13.69     | 4.59      | 1.17      | 136.9     |
| 1306106    | 26/07/2012  | NAD 83 - 7 | 7186599  | 522797  | 805       | DAW12000183 | 460       | 14.1      | 3.7       | 1281.9    | 17.1      | 20.88     | 108       | 344       | 3.93      | 25.3      | 12.27     | 2.15      | 0.88      | 80.1      |
| 1306107    | 26/07/2012  | NAD 83 - 7 | 7186699  | 522980  | 754       | DAW12000183 | 613       | 8.2       | 4.3       | 1001.8    | 23.8      | 36.25     | 80        | 187       | 2.22      | 40.8      | 13.36     | 2.41      | 0.54      | 117.8     |

| Sample No.  | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|-------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1306108     | 26/07/2012  | NAD 83 - 7 | 7187026  | 523188  | 710       | DAW12000183 | 436       | 14.3      | 2.6       | 1207.2    | 18.8      | 43.85     | 71        | 136       | 5.9       | 52.7      | 20.03     | 2.07      | 0.41      | 175.2     |
| 1306109     | 27/07/2012  | NAD 83 - 7 | 7187129  | 523188  | 703       | DAW12000183 | 422       | 54.3      | 6         | 2231.9    | 41.1      | 134.29    | 82        | 122       | 7.62      | 133.3     | 16.91     | 2.35      | 0.59      | 272.7     |
| 1306110     | 27/07/2012  | NAD 83 - 7 | 7186847  | 524708  | 696       | DAW12000183 | 341       | 11.8      | 3.6       | 438.2     | 12.9      | 32        | 114       | 27        | 4.02      | 19.9      | 13.15     | 1.7       | 0.18      | 60.1      |
| 1306111     | 27/07/2012  | NAD 83 - 7 | 7186942  | 524687  | 717       | DAW12000183 | 404       | 26.4      | 2.9       | 433.4     | 10.7      | 38.19     | 62        | 60        | 10.72     | 48.3      | 14.2      | 3.73      | 0.92      | 137.5     |
| 1306112     | 27/07/2012  | NAD 83 - 7 | 7187037  | 524647  | 742       | DAW12000183 | 796       | 36.5      | 1.8       | 325.4     | 11.5      | 30.4      | 96        | 7         | 23.05     | 16        | 8.43      | 3.77      | 3.15      | 19.9      |
| 1306113     | 27/07/2012  | NAD 83 - 7 | 7187113  | 524582  | 766       | DAW12000183 | 370       | 9.1       | 2.9       | 686.4     | 5         | 58.33     | 85        | 2         | 13.27     | 10.6      | 7.05      | 1.64      | 2.76      | 7.3       |
| 1306114     | 27/07/2012  | NAD 83 - 7 | 7187136  | 524567  | 765       | DAW12000183 | 466       | 12.6      | 2.4       | 759.4     | 8.2       | 28.26     | 56        | 9         | 10.93     | 12.6      | 8.78      | 2.7       | 1.81      | 18.2      |
| 1306115     | 28/07/2012  | NAD 83 - 7 | 7187350  | 522053  | 693       | DAW12000183 | 642       | 14.6      | 4.4       | 1739.9    | 10.7      | 60.08     | 254       | 866       | 4.4       | 73.3      | 7.93      | 1.73      | 1.25      | 425.2     |
| 1306116     | 28/07/2012  | NAD 83 - 7 | 7186766  | 521829  | 677       | DAW12000183 | 302       | 18.6      | 0.6       | 786.4     | 8.2       | 13.71     | 35        | 8         | 13.73     | 12.5      | 9.86      | 2.43      | 1.27      | 43.7      |
| 1306117     | 28/07/2012  | NAD 83 - 7 | 7186775  | 521930  | 721       | DAW12000183 | 597       | 15.5      | 3.3       | 1109      | 14.2      | 22.59     | 163       | 30        | 7.79      | 13.4      | 21.14     | 2.03      | 1.11      | 54.6      |
| 1306118     | 28/07/2012  | NAD 83 - 7 | 7186757  | 522028  | 757       | DAW12000183 | 201       | 23.1      | 3.2       | 265.7     | 6.7       | 17.63     | 34        | 12        | 17.07     | 8.3       | 62.8      | 1.64      | 2.63      | 20.8      |
| 1306119     | 28/07/2012  | NAD 83 - 7 | 7186713  | 522121  | 803       | DAW12000183 | 2132      | 3         | 2.1       | 775.6     | 12.1      | 31.37     | 168       | 4         | 6.86      | 10.6      | 18.02     | 4.03      | 0.95      | 21.3      |
| GP 2012 001 | 14/07/2012  | NAD 83 - 7 | 7188006  | 515574  | 1014      | DAW12000161 | 163       | 11        | 4.2       | 309.1     | 34.7      | 26.35     | 31        | 227       | 2.75      | 38.7      | 13.89     | 1.29      | 0.24      | 78.6      |
| GP 2012 002 | 14/07/2012  | NAD 83 - 7 | 7187904  | 515563  | 1022      | DAW12000161 | 66        | 13.3      | 3.4       | 214.1     | 35.2      | 19.12     | 35        | 229       | 3.72      | 25.1      | 20.16     | 1.27      | 0.32      | 63.7      |
| GP 2012 003 | 14/07/2012  | NAD 83 - 7 | 7187401  | 515241  | 1037      | DAW12000161 | 128       | 11.2      | 0.8       | 325.7     | 27.4      | 24.66     | 33        | 272       | 2.72      | 25        | 18.18     | 1.02      | 0.23      | 78        |
| GP 2012 004 | 14/07/2012  | NAD 83 - 7 | 7187344  | 515324  | 988       | DAW12000161 | 179       | 10.2      | 9.3       | 549.2     | 29        | 32.25     | 41        | 235       | 2.96      | 35.2      | 15.85     | 1.25      | 0.36      | 89.1      |
| GP 2012 005 | 14/07/2012  | NAD 83 - 7 | 7187274  | 515399  | 951       | DAW12000161 | 203       | 9.7       | 10.1      | 327       | 30        | 22.41     | 41        | 258       | 2.59      | 30.7      | 11.98     | 1.07      | 0.27      | 84.3      |
| GP 2012 006 | 14/07/2012  | NAD 83 - 7 | 7187207  | 515473  | 923       | DAW12000161 | 349       | 9         | 5.2       | 523       | 29.6      | 32.75     | 59        | 324       | 2.79      | 35.2      | 12.28     | 1.12      | 0.32      | 87.7      |
| GP 2012 007 | 14/07/2012  | NAD 83 - 7 | 7187141  | 515550  | 903       | DAW12000161 | 449       | 6.5       | 3.6       | 385.7     | 23.6      | 20.86     | 127       | 55        | 1.21      | 21.5      | 10.62     | 0.52      | 0.3       | 45.6      |
| GP 2012 008 | 14/07/2012  | NAD 83 - 7 | 7187066  | 515617  | 890       | DAW12000161 | 453       | 6.8       | 4.8       | 481.9     | 23.4      | 26.2      | 109       | 57        | 2.24      | 26.5      | 10.61     | 0.78      | 0.44      | 56.4      |
| GP 2012 009 | 14/07/2012  | NAD 83 - 7 | 7187001  | 515701  | 880       | DAW12000161 | 155       | 12.1      | 4.3       | 325       | 31.6      | 22.28     | 47        | 245       | 3.39      | 26.5      | 8.37      | 1.44      | 0.48      | 76.2      |
| GP 2012 010 | 14/07/2012  | NAD 83 - 7 | 7186942  | 515786  | 867       | DAW12000161 | 215       | 18.1      | 6.6       | 681.8     | 19.3      | 10.9      | 29        | 139       | 11.6      | 12.4      | 12.53     | 2.78      | 1.47      | 65.5      |
| GP 2012 011 | 14/07/2012  | NAD 83 - 7 | 7186884  | 515871  | 843       | DAW12000161 | 276       | 23.9      | 1.8       | 932.5     | 24.6      | 17.43     | 25        | 128       | 18.76     | 28.7      | 12.45     | 4.92      | 1.66      | 117.9     |
| GP 2012 012 | 14/07/2012  | NAD 83 - 7 | 7186814  | 515958  | 798       | DAW12000161 | 2111      | 16.7      | 8.1       | 620.6     | 27        | 31.41     | 67        | 78        | 13.56     | 31.7      | 14.69     | 5.22      | 0.86      | 171.9     |
| GP 2012 013 | 15/07/2012  | NAD 83 - 7 | 7187332  | 514945  | 1065      | DAW12000161 | 134       | 11.6      | 2.6       | 381.7     | 32.5      | 40.99     | 57        | 228       | 2.64      | 34.1      | 23.93     | 1.34      | 0.34      | 85.8      |
| GP 2012 014 | 15/07/2012  | NAD 83 - 7 | 7187431  | 514878  | 1002      | DAW12000161 | 421       | 13.5      | 2.6       | 480.2     | 18.4      | 34.38     | 414       | 119       | 4.45      | 18.6      | 45.18     | 0.92      | 0.89      | 54.6      |
| GP 2012 015 | 15/07/2012  | NAD 83 - 7 | 7187516  | 514829  | 965       | DAW12000161 | 36        | 7.5       | 1.6       | 818.5     | 44.9      | 57.28     | 15        | 241       | 2.61      | 66        | 15.51     | 1.07      | 0.31      | 87.9      |
| GP 2012 016 | 15/07/2012  | NAD 83 - 7 | 7187598  | 514771  | 946       | DAW12000161 | 196       | 7.3       | 1.3       | 241.4     | 38.2      | 47.98     | 45        | 186       | 1.86      | 49.1      | 12.79     | 0.83      | 0.47      | 95.5      |
| GP 2012 017 | 15/07/2012  | NAD 83 - 7 | 7187676  | 514710  | 931       | DAW12000161 | 124       | 6.8       | 1.8       | 308.2     | 37.8      | 61.35     | 22        | 161       | 1.39      | 55.5      | 14.95     | 0.75      | 0.35      | 104       |
| GP 2012 018 | 15/07/2012  | NAD 83 - 7 | 7187767  | 514670  | 897       | DAW12000161 | 42        | 8.1       | 1.1       | 153.2     | 35.8      | 43.68     | 15        | 162       | 2         | 42.9      | 17.27     | 0.93      | 0.45      | 112.6     |
| GP 2012 019 | 15/07/2012  | NAD 83 - 7 | 7187866  | 514639  | 879       | DAW12000161 | 85        | 8         | 1.2       | 464.1     | 33.3      | 37.18     | 33        | 167       | 2         | 41.5      | 18.13     | 0.94      | 0.32      | 105       |
| GP 2012 020 | 15/07/2012  | NAD 83 - 7 | 7187957  | 514588  | 866       | DAW12000161 | 63        | 6.7       | 0.7       | 607.9     | 40.7      | 34.42     | 25        | 168       | 1.8       | 45        | 13.41     | 0.77      | 0.28      | 103       |
| GP 2012 021 | 15/07/2012  | NAD 83 - 7 | 7187994  | 514494  | 869       | DAW12000161 | 155       | 7.6       | 1.3       | 488.2     | 41.5      | 63.07     | 40        | 192       | 1.76      | 50.4      | 22.36     | 0.74      | 0.4       | 104.8     |
| GP 2012 022 | 15/07/2012  | NAD 83 - 7 | 7188011  | 514397  | 847       | DAW12000161 | 67        | 5.8       | 0.5       | 448.4     | 34.3      | 35.84     | 20        | 158       | 1.74      | 33.3      | 19.01     | 0.72      | 0.19      | 122.5     |
| GP 2012 023 | 15/07/2012  | NAD 83 - 7 | 7188018  | 514294  | 815       | DAW12000161 | 70        | 9.9       | 2.2       | 232       | 33.5      | 46.04     | 20        | 184       | 2.27      | 45.2      | 32.63     | 1.46      | 0.23      | 271.5     |
| GP 2012 024 | 15/07/2012  | NAD 83 - 7 | 7188026  | 514194  | 783       | DAW12000161 | 56        | 7.7       | 1.7       | 343.4     | 28.8      | 36.46     | 16        | 174       | 2.02      | 32        | 22.01     | 1.05      | 0.23      | 206.5     |
| GP 2012 025 | 15/07/2012  | NAD 83 - 7 | 7188074  | 514103  | 741       | DAW12000161 | 87        | 11.2      | 3.2       | 397.6     | 43.9      | 68.35     | 29        | 211       | 2.42      | 64        | 29.64     | 1.47      | 0.36      | 174.9     |
| GP 2012 026 | 15/07/2012  | NAD 83 - 7 | 7188149  | 514032  | 688       | DAW12000161 | 94        | 9.6       | 1         | 295.8     | 39.3      | 36.08     | 43        | 130       | 2.1       | 49.1      | 23.33     | 1.44      | 0.28      | 178.7     |
| GP 2012 027 | 15/07/2012  | NAD 83 - 7 | 7188315  | 514154  | 654       | DAW12000161 | 188       | 14        | 1.9       | 262.4     | 34.9      | 46.38     | 98        | 183       | 3.01      | 39.6      | 80.19     | 1.56      | 0.74      | 235.7     |
| GP 2012 028 | 15/07/2012  | NAD 83 - 7 | 7188260  | 514234  | 702       | DAW12000161 | 152       | 8.6       | 0.7       | 549.1     | 34.2      | 27.72     | 26        | 130       | 1.58      | 32.7      | 18.93     | 0.94      | 0.25      | 108       |
| GP 2012 029 | 15/07/2012  | NAD 83 - 7 | 7188214  | 514322  | 745       | DAW12000161 | 41        | 6.1       | 2.2       | 246       | 34.2      | 33.17     | 18        | 148       | 1.52      | 37.5      | 25.94     | 0.73      | 0.23      | 126.6     |
| GP 2012 030 | 15/07/2012  | NAD 83 - 7 | 7188150  | 514398  | 792       | DAW12000161 | 64        | 12        | 2.9       | 329.3     | 42.3      | 66.58     | 59        | 201       | 1.27      | 60.5      | 61.17     | 0.95      | 0.3       | 217.1     |
| GP 2012 031 | 15/07/2012  | NAD 83 - 7 | 7188070  | 514455  | 844       | DAW12000161 | 11681     | 44        | 2.5       | 4081.5    | 240.3     | 102.37    | 214       | 86        | 16.19     | 222       | 4.59      | 2.53      | 0.71      | 1641.4    |
| GP 2012 032 | 16/07/2012  | NAD 83 - 7 | 7187109  | 517252  | 811       | DAW12000161 | 22815     | 123.1     | 3.5       | 2436.8    | 301.8     | 135.79    | 752       | 35        | 123.78    | 403       | 5.8       | 28.31     | 11.15     | 4347.3    |
| GP 2012 033 | 16/07/2012  | NAD 83 - 7 | 7187011  | 517252  | 818       | DAW12000161 | 8650      | 27.4      | 3         | 1348.7    | 149.1     | 160.29    | 543       | 11        | 13.46     | 254.1     | 6.08      | 3.31      | 0.26      | 651.5     |
| GP 2012 034 | 16/07/2012  | NAD 83 - 7 | 7186915  | 517224  | 812       | DAW12000161 | 29621     | 23.1      | 8.7       | 1485.4    | 360.2     | 126.51    | 1179      | 8         | 34.7      | 119.3     | 6.2       | 6.68      | 1.89      | 960.7     |
| GP 2012 035 | 16/07/2012  | NAD 83 - 7 | 7186815  | 517216  | 812       | DAW12000161 | 69789     | 84.7      | 5.6       | 4971.2    | 622.8     | 73.08     | 986       | 1         | 34.88     | 75.2      | 6.04      | 5.09      | 2.12      | 102.3     |
| GP 2012 036 | 16/07/2012  | NAD 83 - 7 | 7186717  | 517208  | 812       | DAW12000161 | 36664     | 12.7      | 0.9       | 4042.3    | 537.3     | 65.36     | 798       | 13        | 8.95      | 58.6      | 4.92      | 1.79      | 0.28      | 306.4     |

| Sample No.  | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|-------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| GP 2012 037 | 16/07/2012  | NAD 83 - 7 | 7186544  | 517192  | 858       | DAW12000161 | 19086     | 30.3      | 4.3       | 2116.9    | 208.5     | 108.77    | 539       | 35        | 53.68     | 353.8     | 9.05      | 10.86     | 0.96      | 830.6     |
| GP 2012 038 | 16/07/2012  | NAD 83 - 7 | 7186486  | 516982  | 871       | DAW12000161 | 9538      | 11.3      | 3.1       | 10000     | 82.7      | 45.64     | 157       | 284       | 4.02      | 110.9     | 3.67      | 1.62      | 0.14      | 386.2     |
| GP 2012 039 | 16/07/2012  | NAD 83 - 7 | 7186567  | 516965  | 857       | DAW12000161 | 9309      | 11.8      | 2.1       | 2878      | 148.9     | 34.77     | 156       | 129       | 14.09     | 82.5      | 3.22      | 3.41      | 0.17      | 229.9     |
| GP 2012 040 | 16/07/2012  | NAD 83 - 7 | 7186719  | 516927  | 820       | DAW12000161 | 2272      | 36.8      | 4.4       | 81        | 79.5      | 49.21     | 390       | 2         | 26.23     | 18.7      | 7.53      | 1.18      | 0.25      | 9.5       |
| GP 2012 041 | 16/07/2012  | NAD 83 - 7 | 7186862  | 516894  | 810       | DAW12000161 | 5278      | 15.1      | 4         | 2243.1    | 68.5      | 44.59     | 135       | 182       | 5.75      | 63.9      | 7.46      | 2.43      | 0.31      | 308.8     |
| GP 2012 042 | 16/07/2012  | NAD 83 - 7 | 7186951  | 516877  | 796       | DAW12000161 | 7663      | 14.7      | 0.5       | 966.4     | 190.6     | 85.78     | 96        | 115       | 23.95     | 162.8     | 1.39      | 2.17      | 0.89      | 4340.3    |
| GP 2012 043 | 16/07/2012  | NAD 83 - 7 | 7187115  | 516773  | 768       | DAW12000161 | 8491      | 17.6      | 4.5       | 6035      | 235.3     | 46.58     | 176       | 114       | 11.55     | 141.8     | 8.34      | 2.22      | 0.14      | 255.4     |
| GP 2012 044 | 16/07/2012  | NAD 83 - 7 | 7187336  | 516739  | 743       | DAW12000161 | 580       | 2.8       | 1.3       | 89.3      | 9.7       | 7.64      | 54        | 2         | 1.26      | 1.8       | 5.42      | 0.21      | 0.07      | 6         |
| GP 2012 045 | 16/07/2012  | NAD 83 - 7 | 7187265  | 516681  | 754       | DAW12000161 | 5116      | 56.8      | 9.6       | 697.6     | 50.9      | 28.19     | 581       | 51        | 24.49     | 21.8      | 18.54     | 3.78      | 0.65      | 98.4      |
| GP120311    | 16/07/2012  | NAD 83 - 7 | 7187206  | 517226  | 805       |             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| LB12001     | 15/07/2012  | NAD 83 - 7 | 7185484  | 516157  | 884       | DAW12000161 | 423       | 14.4      | 6.1       | 420.6     | 36.3      | 29.28     | 61        | 311       | 4.12      | 40        | 11.63     | 1.34      | 0.32      | 91        |
| LB12002     | 15/07/2012  | NAD 83 - 7 | 7185413  | 516228  | 898       | DAW12000161 | 1727      | 10.9      | 4.9       | 533.8     | 31.9      | 47.65     | 145       | 180       | 3.86      | 20.1      | 24.13     | 1.7       | 0.3       | 60.8      |
| LB12003     | 15/07/2012  | NAD 83 - 7 | 7185362  | 516314  | 909       | DAW12000161 | 459       | 17.4      | 5.3       | 313.1     | 42.7      | 20.53     | 64        | 258       | 5.36      | 34.6      | 13.02     | 1.24      | 0.34      | 88.9      |
| LB12004     | 15/07/2012  | NAD 83 - 7 | 7185315  | 516403  | 915       | DAW12000161 | 447       | 14.9      | 4.5       | 332.4     | 37.7      | 17.23     | 53        | 209       | 5.22      | 22.5      | 13.81     | 1.07      | 0.29      | 60.9      |
| LB12005     | 15/07/2012  | NAD 83 - 7 | 7185223  | 516444  | 921       | DAW12000161 | 2499      | 6.7       | 3.2       | 1740.1    | 45.3      | 33.89     | 154       | 40        | 4.08      | 35.5      | 10.48     | 1.33      | 0.38      | 102.1     |
| LB12006     | 15/07/2012  | NAD 83 - 7 | 7185161  | 516562  | 924       | DAW12000161 | 2614      | 17.9      | 3.9       | 1228.8    | 87.7      | 61.63     | 180       | 70        | 17.83     | 33        | 15.03     | 4.29      | 0.89      | 118       |
| LB12007     | 15/07/2012  | NAD 83 - 7 | 7185074  | 516613  | 929       | DAW12000161 | 2428      | 42.2      | 4.3       | 557       | 43.2      | 66.28     | 196       | 116       | 51.96     | 64.6      | 10.9      | 15.53     | 2.12      | 141.2     |
| LB12008     | 15/07/2012  | NAD 83 - 7 | 7184987  | 516667  | 919       | DAW12000161 | 506       | 18        | 2.6       | 403.6     | 8.4       | 30.59     | 53        | 22        | 50.12     | 17.5      | 15.59     | 4.16      | 3.69      | 67.2      |
| LB12009     | 15/07/2012  | NAD 83 - 7 | 7184922  | 516793  | 905       | DAW12000161 | 1584      | 10.7      | 36        | 384       | 25.7      | 44.67     | 397       | 132       | 3.87      | 21.9      | 21.01     | 2.12      | 0.27      | 63.3      |
| LB12010     | 15/07/2012  | NAD 83 - 7 | 7184847  | 516859  | 921       | DAW12000161 | 1140      | 13.4      | 10.5      | 435.3     | 33.9      | 33.8      | 133       | 222       | 4.79      | 22.9      | 27.81     | 1.47      | 0.37      | 82.7      |
| LB12011     | 16/07/2012  | NAD 83 - 7 | 7187835  | 518093  | 584       | DAW12000161 | 4648      | 14.2      | 6.6       | 170.9     | 42.5      | 41.47     | 437       | 16        | 11.06     | 16.1      | 15.3      | 1.47      | 0.35      | 40.7      |
| LB12012     | 16/07/2012  | NAD 83 - 7 | 7187809  | 518189  | 637       | DAW12000161 | 683       | 24        | 1.9       | 229.9     | 29.5      | 9.22      | 36        | 58        | 10.57     | 9.9       | 14.98     | 1.26      | 0.4       | 33.5      |
| LB12013     | 16/07/2012  | NAD 83 - 7 | 7187841  | 518283  | 681       | DAW12000161 | 2190      | 12.1      | 1.1       | 358.4     | 18.9      | 4.37      | 43        | 13        | 10.03     | 3.1       | 19.13     | 0.87      | 0.21      | 9.3       |
| LB12014     | 16/07/2012  | NAD 83 - 7 | 7187833  | 518399  | 723       | DAW12000161 | 3309      | 24.5      | 2.9       | 204.8     | 60.3      | 22.11     | 112       | 130       | 9.12      | 20.7      | 12.33     | 1.35      | 0.4       | 66.3      |
| LB12015     | 16/07/2012  | NAD 83 - 7 | 7187852  | 518497  | 713       | DAW12000161 | 2069      | 4.6       | 3.1       | 239.1     | 19.6      | 12.72     | 35        | 4         | 5.56      | 3.1       | 11.46     | 0.46      | 0.23      | 7.6       |
| LB12016     | 16/07/2012  | NAD 83 - 7 | 7187933  | 518559  | 688       | DAW12000161 | 186       | 15        | 3.5       | 257.2     | 36.7      | 15.97     | 44        | 266       | 5.83      | 22.4      | 11.77     | 1.33      | 0.24      | 88.5      |
| LB12017     | 16/07/2012  | NAD 83 - 7 | 7188025  | 518602  | 651       | DAW12000161 | 1797      | 23.1      | 6.8       | 204.1     | 41        | 27.56     | 134       | 196       | 10.53     | 20        | 18.77     | 1.37      | 0.66      | 68.5      |
| LB12018     | 16/07/2012  | NAD 83 - 7 | 7188125  | 518616  | 608       | DAW12000161 | 3416      | 9         | 11.5      | 126.3     | 63.6      | 107.68    | 262       | 284       | 2.94      | 62.1      | 25.01     | 1.47      | 0.45      | 237.8     |
| LB12019     | 16/07/2012  | NAD 83 - 7 | 7188385  | 518306  | 580       | DAW12000161 | 4217      | 7.5       | 2.9       | 2260.1    | 25.6      | 85.19     | 120       | 23        | 17.79     | 33.6      | 17.78     | 9.3       | 0.79      | 137.7     |
| LB12020     | 16/07/2012  | NAD 83 - 7 | 7188288  | 518330  | 617       | DAW12000161 | 729       | 12.4      | 7.4       | 599.5     | 24.8      | 14.55     | 61        | 67        | 3.34      | 9.1       | 21.97     | 1.37      | 0.23      | 36.9      |
| LB12021     | 16/07/2012  | NAD 83 - 7 | 7188192  | 518358  | 655       | DAW12000161 | 1163      | 7.3       | 3.6       | 650.9     | 20.3      | 12.39     | 64        | 38        | 3.78      | 9.4       | 18.01     | 1.07      | 0.16      | 31        |
| LB12022     | 16/07/2012  | NAD 83 - 7 | 7188095  | 518380  | 665       | DAW12000161 | 4446      | 13.5      | 7.5       | 128.8     | 29.3      | 26.68     | 453       | 2         | 6.31      | 4.9       | 20.89     | 1.23      | 0.53      | 10.6      |
| LB12023     | 16/07/2012  | NAD 83 - 7 | 7187926  | 518360  | 684       | DAW12000161 | 2342      | 14.9      | 3.8       | 75        | 31        | 20.26     | 152       | 27        | 7.12      | 13.8      | 12.93     | 0.98      | 0.26      | 36.6      |
| LB12024     | 16/07/2012  | NAD 83 - 7 | 7187737  | 518426  | 700       | DAW12000161 | 1448      | 22.3      | 4.9       | 735.2     | 25.5      | 16.19     | 154       | 9         | 8.35      | 2.7       | 10.28     | 0.92      | 0.15      | 8.2       |
| LB12025     | 16/07/2012  | NAD 83 - 7 | 7187459  | 518513  | 729       | DAW12000161 | 1930      | 8.9       | 2.2       | 3331      | 88.3      | 52.13     | 336       | 85        | 7.69      | 102.5     | 6.74      | 0.64      | 0.06      | 206.7     |
| SL12001     | 15/07/2012  | NAD 83 - 7 | 7185622  | 516416  | 837       | DAW12000161 | 999       | 15        | 4.3       | 469       | 41.2      | 32.85     | 81        | 233       | 4.39      | 33.1      | 10.25     | 1.14      | 0.21      | 114.3     |
| SL12002     | 15/07/2012  | NAD 83 - 7 | 7185554  | 516491  | 857       | DAW12000161 | 1891      | 11.8      | 3.8       | 390.1     | 40.6      | 10.84     | 74        | 50        | 7.75      | 11.1      | 15.89     | 1.17      | 0.36      | 26.8      |
| SL12003     | 15/07/2012  | NAD 83 - 7 | 7185471  | 516587  | 880       | DAW12000161 | 1140      | 8         | 3.1       | 248       | 23.6      | 14.54     | 113       | 41        | 2.64      | 9.7       | 8.68      | 0.72      | 0.12      | 30.2      |
| SL12004     | 15/07/2012  | NAD 83 - 7 | 7185397  | 516652  | 890       | DAW12000161 | 1578      | 14.6      | 4.8       | 320.7     | 31.6      | 27.35     | 186       | 73        | 5.19      | 13.5      | 10.58     | 1.12      | 0.23      | 42.9      |
| SL12005     | 15/07/2012  | NAD 83 - 7 | 7185327  | 516583  | 903       | DAW12000161 | 917       | 15.6      | 2.3       | 545.9     | 36.4      | 23.57     | 74        | 84        | 6.24      | 19.8      | 28.37     | 1.27      | 0.22      | 79.3      |
| SL12006     | 15/07/2012  | NAD 83 - 7 | 7185615  | 516895  | 942       | DAW12000161 | 6963      | 13.3      | 4         | 1847.9    | 98        | 54.29     | 211       | 84        | 15.64     | 99.5      | 6.08      | 3.88      | 0.5       | 376.3     |
| SL12007     | 15/07/2012  | NAD 83 - 7 | 7185716  | 516907  | 972       | DAW12000161 | 7489      | 14        | 9.8       | 1216.5    | 88.4      | 70.06     | 469       | 57        | 14.54     | 125.4     | 11.98     | 3.45      | 0.39      | 376.7     |
| SL12008     | 15/07/2012  | NAD 83 - 7 | 7185822  | 516933  | 1045      | DAW12000161 | 1713      | 10.8      | 4.3       | 1407.1    | 32.7      | 44.25     | 160       | 176       | 9.39      | 65        | 9.79      | 1.15      | 0.3       | 150.8     |
| SL12009     | 15/07/2012  | NAD 83 - 7 | 7185901  | 516995  | 1069      | DAW12000161 | 584       | 12.8      | 4.9       | 717.1     | 42.6      | 32.96     | 91        | 233       | 10.11     | 62.1      | 13.01     | 1.3       | 0.35      | 150.2     |
| SL12010     | 15/07/2012  | NAD 83 - 7 | 7186088  | 517002  | 1039      | DAW12000161 | 2808      | 6         | 3.7       | 1583.2    | 50.5      | 50.14     | 196       | 53        | 6.07      | 59.7      | 10.11     | 1.2       | 0.32      | 168.4     |
| SL12011     | 16/07/2012  | NAD 83 - 7 | 7185889  | 517047  | 1064      | DAW12000161 | 176       | 10.3      | 3.4       | 549.4     | 34.2      | 28.36     | 67        | 118       | 5.18      | 43        | 10.3      | 0.93      | 0.23      | 139       |
| SL12012     | 16/07/2012  | NAD 83 - 7 | 7185843  | 517142  | 1040      | DAW12000161 | 1021      | 9.5       | 2         | 1610.1    | 47.2      | 14.11     | 58        | 159       | 2.54      | 31.6      | 9.83      | 0.83      | 0.17      | 83.8      |
| SL12013     | 16/07/2012  | NAD 83 - 7 | 7185813  | 517242  | 1023      | DAW12000161 | 3732      | 13.1      | 3.9       | 2601.3    | 59.1      | 33.22     | 185       | 72        | 5.89      | 92.4      | 10.81     | 1.78      | 0.31      | 215       |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag PPB | As PPM | Au PPB | Ba PPM | Cr PPM | Cu PPM | Hg PPB | Mn PPM | Mo PPM | Ni PPM | Pb PPM | Sb PPM | Tl PPM | Zn PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SL12014    | 16/07/2012  | NAD 83 - 7 | 7185813  | 517346  | 1007      | DAW12000161 | 1143   | 8.1    | 2.6    | 1647.8 | 37.7   | 30.91  | 118    | 192    | 2.56   | 61.3   | 8.44   | 0.97   | 0.11   | 156.7  |
| SL12015    | 16/07/2012  | NAD 83 - 7 | 7185870  | 517424  | 969       | DAW12000161 | 1199   | 4.7    | 1.1    | 1270.6 | 34.3   | 17.12  | 98     | 82     | 2.98   | 34.8   | 17.3   | 0.85   | 0.1    | 83.5   |
| SL12016    | 16/07/2012  | NAD 83 - 7 | 7185946  | 517491  | 942       | DAW12000161 | 1403   | 6.3    | 1.6    | 1170.1 | 34.6   | 22.78  | 91     | 33     | 4.89   | 34     | 10.35  | 0.8    | 0.19   | 76.8   |
| SL12017    | 16/07/2012  | NAD 83 - 7 | 7186001  | 517582  | 953       | DAW12000161 | 963    | 14.2   | 2      | 1591.9 | 51.3   | 24.45  | 77     | 273    | 4.35   | 64.5   | 10.94  | 1.09   | 0.23   | 177    |
| SL12018    | 16/07/2012  | NAD 83 - 7 | 7186084  | 517654  | 955       | DAW12000161 | 398    | 3.8    | 1      | 470.9  | 18.1   | 10.59  | 29     | 36     | 11.1   | 9.6    | 11.03  | 0.34   | 0.25   | 23.5   |
| SL12019    | 16/07/2012  | NAD 83 - 7 | 7186168  | 517711  | 956       | DAW12000161 | 325    | 2      | 1.1    | 1011.9 | 12.5   | 11.27  | 51     | 15     | 1.79   | 5.1    | 8.49   | 0.44   | 0.14   | 18     |
| SL12020    | 16/07/2012  | NAD 83 - 7 | 7186261  | 517764  | 967       | DAW12000161 | 147    | 6.6    | 0.8    | 586.9  | 18.1   | 7.65   | 13     | 32     | 6.8    | 25.6   | 7.46   | 0.64   | 0.14   | 64     |
| SL12021    | 16/07/2012  | NAD 83 - 7 | 7186351  | 517827  | 985       | DAW12000161 | 430    | 5.9    | 1.6    | 609.5  | 21.9   | 11.36  | 25     | 50     | 3.07   | 16.7   | 14.68  | 0.67   | 0.25   | 46.2   |
| SL12022    | 16/07/2012  | NAD 83 - 7 | 7186429  | 517893  | 985       | DAW12000161 | 193    | 6.2    | 0.6    | 1756   | 28.3   | 12.49  | 20     | 338    | 2.74   | 26     | 9.59   | 0.57   | 0.18   | 87.2   |
| SL12023    | 16/07/2012  | NAD 83 - 7 | 7186487  | 517979  | 993       | DAW12000161 | 214    | 9.4    | 1.3    | 154.1  | 22.8   | 24.15  | 25     | 29     | 6.04   | 38     | 14.4   | 1.16   | 0.25   | 120.1  |
| SL12024    | 16/07/2012  | NAD 83 - 7 | 7186544  | 518060  | 989       | DAW12000161 | 632    | 9.5    | 0.6    | 1031.2 | 33.5   | 14.86  | 20     | 81     | 3.83   | 26.3   | 11.05  | 0.93   | 0.24   | 76.6   |
| SL12025    | 16/07/2012  | NAD 83 - 7 | 7186589  | 518151  | 975       | DAW12000161 | 1014   | 8.1    | 1.2    | 3963.4 | 38.2   | 16.38  | 58     | 225    | 2.38   | 30.1   | 9.42   | 0.73   | 0.18   | 85.9   |
| SL12026    | 16/07/2012  | NAD 83 - 7 | 7186647  | 518246  | 974       | DAW12000161 | 240    | 7.6    | 0.4    | 1781.8 | 29.4   | 12.91  | 12     | 87     | 3.98   | 31     | 10.28  | 0.87   | 0.24   | 106.4  |
| SL12027    | 16/07/2012  | NAD 83 - 7 | 7186719  | 518331  | 972       | DAW12000161 | 1958   | 13.3   | 3.2    | 2264.1 | 56.6   | 31.77  | 130    | 138    | 5.33   | 62.8   | 14.18  | 1.52   | 0.3    | 180    |
| TW12001    | 14/07/2012  | NAD 83 - 7 | 7188348  | 517105  | 764       | DAW12000161 | 720    | 21.6   | 2.3    | 216    | 10.1   | 23.16  | 50     | 57     | 30.2   | 19.6   | 15.88  | 4.46   | 2.37   | 78.2   |
| TW12002    | 14/07/2012  | NAD 83 - 7 | 7188456  | 517072  | 757       | DAW12000161 | 417    | 9.6    | 1.2    | 330    | 9.7    | 9.76   | 15     | 18     | 13     | 4.6    | 11.79  | 5.27   | 2.55   | 13.1   |
| TW12003    | 14/07/2012  | NAD 83 - 7 | 7188570  | 517068  | 775       | DAW12000161 | 690    | 32.4   | 2.2    | 353.6  | 24.5   | 33.38  | 42     | 54     | 21.91  | 12.9   | 15.02  | 5.82   | 1.29   | 39.1   |
| TW12004    | 14/07/2012  | NAD 83 - 7 | 7188661  | 517008  | 766       | DAW12000161 | 935    | 39.4   | 4.9    | 101.6  | 21.4   | 40.37  | 76     | 107    | 27.18  | 44.7   | 27.96  | 4.08   | 3.83   | 178.7  |
| TW12005    | 14/07/2012  | NAD 83 - 7 | 7188768  | 517017  | 749       | DAW12000161 | 4757   | 14.5   | 7.9    | 704.9  | 20     | 42.11  | 91     | 16     | 10.56  | 15.4   | 21.88  | 5.4    | 1.28   | 40.1   |
| TW12006    | 14/07/2012  | NAD 83 - 7 | 7188869  | 517040  | 729       | DAW12000161 | 2103   | 11.1   | 1.4    | 587    | 30.3   | 55.15  | 112    | 8      | 25.68  | 18     | 23.2   | 5.83   | 1.28   | 31.8   |
| TW12007    | 14/07/2012  | NAD 83 - 7 | 7188623  | 516959  | 756       | DAW12000161 | 5845   | 32.6   | 5.7    | 662.6  | 29.7   | 46.13  | 123    | 40     | 10.39  | 27.1   | 27.43  | 5.72   | 0.71   | 74.8   |
| TW12008    | 14/07/2012  | NAD 83 - 7 | 7188633  | 516816  | 712       | DAW12000161 | 828    | 36.6   | 1.8    | 353.5  | 13.7   | 18.08  | 49     | 25     | 18.94  | 17.7   | 18.19  | 3.61   | 4.24   | 51.1   |
| TW12009    | 14/07/2012  | NAD 83 - 7 | 7188695  | 516745  | 696       | DAW12000161 | 1518   | 30     | 1.6    | 431.2  | 13.1   | 44.88  | 101    | 23     | 15.74  | 24.7   | 13.31  | 3.46   | 2.77   | 44.3   |
| TW12010    | 14/07/2012  | NAD 83 - 7 | 7188761  | 516667  | 687       | DAW12000161 | 247    | 7.5    | 1.6    | 114.7  | 13.3   | 9.01   | 21     | 34     | 6.91   | 10.5   | 11.34  | 1.09   | 0.68   | 26.9   |
| TW12011    | 14/07/2012  | NAD 83 - 7 | 7188580  | 517179  | 770       | DAW12000161 | 201    | 5.9    | 1.7    | 125    | 12     | 8.78   | 19     | 26     | 7.51   | 8.1    | 9.88   | 0.47   | 0.76   | 17.6   |
| TW12012    | 14/07/2012  | NAD 83 - 7 | 7188628  | 517268  | 764       | DAW12000161 | 5155   | 49.5   | 8.6    | 174.9  | 54.1   | 72.63  | 175    | 32     | 47.6   | 43.1   | 78.67  | 29.68  | 2.93   | 122.1  |
| TW12013    | 14/07/2012  | NAD 83 - 7 | 7188696  | 517323  | 729       | DAW12000161 | 2375   | 18.3   | 15.1   | 50.9   | 31.3   | 32.23  | 152    | 32     | 8.68   | 12.7   | 32.36  | 4.44   | 0.55   | 39     |
| TW12014    | 14/07/2012  | NAD 83 - 7 | 7188283  | 516792  | 705       | DAW12000161 | 1065   | 32.6   | 3.2    | 376.6  | 17.5   | 14.56  | 66     | 63     | 16.24  | 11.8   | 18.02  | 3.71   | 4.37   | 40.1   |
| TW12015    | 14/07/2012  | NAD 83 - 7 | 7188232  | 516884  | 759       | DAW12000161 | 289    | 25.7   | 3.2    | 353.6  | 40.3   | 25.57  | 32     | 199    | 17.07  | 29.3   | 13.93  | 1.89   | 1.16   | 101.2  |
| TW12016    | 14/07/2012  | NAD 83 - 7 | 7188208  | 516996  | 792       | DAW12000161 | 262    | 17.8   | 0.9    | 199.4  | 29.6   | 12.49  | 31     | 138    | 15.64  | 20.2   | 11.55  | 1.46   | 0.94   | 64.3   |
| TW12017    | 14/07/2012  | NAD 83 - 7 | 7188185  | 517085  | 812       | DAW12000161 | 322    | 16.9   | 2.6    | 293.2  | 40.2   | 18.34  | 23     | 165    | 10.42  | 21.4   | 10.91  | 4.41   | 0.4    | 57.3   |
| TW12018    | 14/07/2012  | NAD 83 - 7 | 7187944  | 517192  | 836       | DAW12000161 | 1586   | 9.6    | 1.9    | 190.3  | 28.6   | 11.42  | 53     | 41     | 6.14   | 8.3    | 18.17  | 0.67   | 0.25   | 21.6   |
| TW12019    | 14/07/2012  | NAD 83 - 7 | 7187842  | 517177  | 841       | DAW12000161 | 3124   | 0.4    | 8.6    | 369.8  | 21.3   | 34.48  | 316    | 13     | 10.37  | 5.2    | 15.15  | 0.6    | 0.22   | 7.4    |
| TW12020    | 15/07/2012  | NAD 83 - 7 | 7187950  | 517469  | 804       | DAW12000161 | 2843   | 14.5   | 7.2    | 473.8  | 23.7   | 19.06  | 217    | 36     | 12.49  | 10.3   | 14.98  | 1.44   | 0.25   | 26.6   |
| TW12021    | 15/07/2012  | NAD 83 - 7 | 7187954  | 517560  | 828       | DAW12000161 | 2654   | 123.2  | 7.3    | 176.9  | 52.6   | 43.34  | 252    | 25     | 24.82  | 6.1    | 27.82  | 2.82   | 0.83   | 17.8   |
| TW12022    | 15/07/2012  | NAD 83 - 7 | 7188051  | 517595  | 814       | DAW12000161 | 2361   | 12.3   | 6.4    | 211.8  | 36.1   | 28.57  | 166    | 97     | 4.8    | 15.1   | 21.02  | 1.22   | 0.2    | 46.1   |
| TW12023    | 15/07/2012  | NAD 83 - 7 | 7188103  | 517699  | 760       | DAW12000161 | 1864   | 13.9   | 8.9    | 330.6  | 42.3   | 57.58  | 127    | 29     | 9.29   | 15.6   | 23.93  | 1.69   | 0.43   | 45.8   |
| TW12024    | 15/07/2012  | NAD 83 - 7 | 7188187  | 517773  | 728       | DAW12000161 | 2830   | 25.9   | 3.8    | 124    | 76.1   | 153.86 | 274    | 37     | 19.03  | 76.8   | 9.12   | 2.75   | 0.24   | 111    |
| TW12025    | 15/07/2012  | NAD 83 - 7 | 7188282  | 517815  | 718       | DAW12000161 | 1233   | 22.1   | 3.5    | 219.1  | 34.9   | 13.67  | 36     | 75     | 10.28  | 10.1   | 14.19  | 1.52   | 0.23   | 36.4   |
| TW12026    | 15/07/2012  | NAD 83 - 7 | 7188389  | 517847  | 719       | DAW12000161 | 1830   | 19.4   | 2.4    | 354.3  | 43.6   | 20.86  | 38     | 50     | 6.94   | 9.1    | 16.46  | 1.36   | 0.37   | 30.1   |
| TW12027    | 15/07/2012  | NAD 83 - 7 | 7188501  | 517864  | 701       | DAW12000161 | 3790   | 28.4   | 8.1    | 193.1  | 44.2   | 17.03  | 396    | 67     | 8.93   | 10.7   | 10.83  | 1.91   | 0.28   | 30.4   |
| TW12028    | 15/07/2012  | NAD 83 - 7 | 7188580  | 517947  | 643       | DAW12000161 | 3014   | 15.4   | 11.4   | 736.4  | 41.9   | 48.26  | 207    | 102    | 5.72   | 21.4   | 21.34  | 1.73   | 0.19   | 65     |
| TW12029    | 15/07/2012  | NAD 83 - 7 | 7188505  | 518467  | 587       | DAW12000161 | 2056   | 18.7   | 7.5    | 180.2  | 25.4   | 29.81  | 113    | 75     | 5.71   | 14     | 21.08  | 2.45   | 0.32   | 50.6   |
| TW12030    | 15/07/2012  | NAD 83 - 7 | 7188531  | 518571  | 638       | DAW12000161 | 1799   | 10.1   | 1.1    | 404    | 13.8   | 20.26  | 55     | 35     | 3.23   | 6.2    | 14.12  | 0.59   | 0.16   | 22.7   |
| TW12031    | 15/07/2012  | NAD 83 - 7 | 7188556  | 518675  | 680       | DAW12000161 | 1663   | 8.2    | 2.3    | 204.6  | 12     | 10.52  | 42     | 36     | 5.12   | 5.4    | 10.01  | 0.84   | 0.15   | 22.9   |
| TW12032    | 15/07/2012  | NAD 83 - 7 | 7188601  | 518774  | 719       | DAW12000161 | 1134   | 18.8   | 1.6    | 330.6  | 40.5   | 22.35  | 36     | 144    | 6.59   | 23.7   | 12.65  | 1.77   | 0.29   | 83.6   |
| TW12033    | 15/07/2012  | NAD 83 - 7 | 7188673  | 518868  | 725       | DAW12000161 | 261    | 11.8   | 0.6    | 154.8  | 22     | 11.23  | 12     | 118    | 4.8    | 12.3   | 11.15  | 1.25   | 0.23   | 44.8   |
| TW12034    | 15/07/2012  | NAD 83 - 7 | 7188740  | 518960  | 733       | DAW12000161 | 823    | 11.3   | 2.4    | 616    | 21.4   | 14.1   | 45     | 41     | 4.03   | 4      | 10.84  | 0.85   | 0.14   | 18.1   |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| TW12035    | 15/07/2012  | NAD 83 - 7 | 7188726  | 519080  | 735       | DAW12000161 | 2116      | 77.2      | 12.2      | 134.5     | 83.7      | 62.45     | 184       | 51        | 7.53      | 20.8      | 12.27     | 3.48      | 0.42      | 152.1     |
| TW12036    | 15/07/2012  | NAD 83 - 7 | 7188715  | 519191  | 739       | DAW12000161 | 1813      | 20.1      | 6         | 275.3     | 33.3      | 35.31     | 70        | 18        | 7.1       | 6.9       | 8.72      | 1.21      | 0.21      | 25.6      |
| TW12037    | 15/07/2012  | NAD 83 - 7 | 7188612  | 519262  | 733       | DAW12000161 | 1201      | 13.2      | 5.1       | 448.4     | 33.7      | 44.09     | 57        | 127       | 5.37      | 18        | 9.54      | 1.58      | 0.23      | 47.7      |
| TW12038    | 15/07/2012  | NAD 83 - 7 | 7188505  | 519264  | 701       | DAW12000161 | 2182      | 12.6      | 7.4       | 1112.6    | 28.2      | 33.02     | 263       | 66        | 6.44      | 19.2      | 10.43     | 1.95      | 0.16      | 50        |
| TW12039    | 15/07/2012  | NAD 83 - 7 | 7188313  | 519211  | 665       | DAW12000161 | 1134      | 21.5      | 3.8       | 871       | 64.9      | 45.34     | 160       | 301       | 9.07      | 43        | 10.73     | 2.53      | 0.26      | 133.7     |
| TW12040    | 15/07/2012  | NAD 83 - 7 | 7188206  | 519194  | 639       | DAW12000161 | 1695      | 13.7      | 3.9       | 1507.2    | 44        | 32.28     | 179       | 31        | 6.49      | 14.3      | 11.04     | 1.19      | 0.18      | 38.5      |
| TW12041    | 15/07/2012  | NAD 83 - 7 | 7188164  | 519099  | 623       | DAW12000161 | 1997      | 14.2      | 1.9       | 224.6     | 24.2      | 13.41     | 69        | 72        | 5.16      | 12        | 9.28      | 1.38      | 0.2       | 47.7      |
| TW12042    | 15/07/2012  | NAD 83 - 7 | 7188154  | 519025  | 600       | DAW12000161 | 669       | 11        | 2.3       | 383.9     | 22.9      | 19.41     | 22        | 82        | 5.35      | 17.3      | 9.43      | 1.89      | 0.18      | 57.8      |
| TW12043    | 15/07/2012  | NAD 83 - 7 | 7188152  | 518971  | 594       | DAW12000161 | 3296      | 29.3      | 10.1      | 158.8     | 40.7      | 175.61    | 223       | 94        | 14.56     | 14.1      | 10.23     | 2.79      | 0.26      | 73        |
| TW12044    | 16/07/2012  | NAD 83 - 7 | 7187773  | 517096  | 839       | DAW12000161 | 1737      | 5.4       | 4.2       | 347       | 16        | 10.25     | 57        | 32        | 2.55      | 6.3       | 11.6      | 0.7       | 0.16      | 20.4      |
| TW12045    | 16/07/2012  | NAD 83 - 7 | 7187691  | 517031  | 827       | DAW12000161 | 5108      | 12.6      | 3.2       | 515.2     | 34.1      | 14.03     | 163       | 33        | 8.17      | 7.1       | 23.99     | 2.21      | 0.23      | 30.1      |
| TW12046    | 16/07/2012  | NAD 83 - 7 | 7187623  | 516944  | 792       | DAW12000161 | 1441      | 13.4      | 2.5       | 482       | 30.7      | 20.4      | 59        | 110       | 5.36      | 17.8      | 16.88     | 1.25      | 0.2       | 75.4      |
| TW12047    | 16/07/2012  | NAD 83 - 7 | 7187591  | 516843  | 736       | DAW12000161 | 2073      | 6.1       | 1         | 898.7     | 22.7      | 19.61     | 46        | 46        | 20.54     | 13.8      | 18.69     | 8.7       | 1.13      | 75.8      |
| TW12048    | 16/07/2012  | NAD 83 - 7 | 7187659  | 517370  | 780       | DAW12000161 | 950       | 2.4       | 1.6       | 223.1     | 13.7      | 9.89      | 35        | 26        | 2.88      | 5.4       | 8.16      | 0.36      | 0.15      | 23        |
| TW12049    | 16/07/2012  | NAD 83 - 7 | 7187622  | 517472  | 791       | DAW12000161 | 344       | 14.5      | 1.4       | 191.7     | 23.2      | 11.79     | 15        | 75        | 5.8       | 8.6       | 11.65     | 1.25      | 0.2       | 45.9      |
| TW12050    | 16/07/2012  | NAD 83 - 7 | 7187584  | 517573  | 781       | DAW12000161 | 583       | 14.6      | 1.2       | 190.3     | 25.8      | 11.15     | 32        | 48        | 5.45      | 7.4       | 9.97      | 1.14      | 0.21      | 31.1      |
| TW12051    | 16/07/2012  | NAD 83 - 7 | 7187557  | 517681  | 732       | DAW12000161 | 2718      | 14.4      | 5.1       | 634.5     | 27.7      | 15.1      | 109       | 44        | 6.95      | 8.2       | 11.73     | 1.36      | 0.39      | 40.1      |
| TW12052    | 16/07/2012  | NAD 83 - 7 | 7187542  | 517787  | 677       | DAW12000161 | 7229      | 62.5      | 10.2      | 74.9      | 47.1      | 32.85     | 423       | 35        | 54.67     | 24.9      | 12.76     | 4.95      | 0.85      | 53.5      |
| TW12053    | 16/07/2012  | NAD 83 - 7 | 7187287  | 518345  | 798       | DAW12000161 | 9613      | 16.7      | 3.3       | 5436      | 196.1     | 47.19     | 276       | 130       | 22.94     | 281.7     | 6.49      | 5.67      | 0.39      | 860.8     |

**APPENDIX D**

Stream Sediment Sample Locations  
and  
Analytical Results



| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate  | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 119601     | 08/07/2011  | NAD 83 - 7 | 7182040  | 504127  | 453       | WHI11000788  | 256       | 5.2       | 1         | 283.4     | 20.4      | 28.04     | 80        | 876       | 1.44      | 25.3      | 14.93     | 0.53      | 0.16      | 167.5     |
| 119602     | 08/07/2011  | NAD 83 - 7 | 7182275  | 503984  | 453       | WHI11000788  | 448       | 23.6      | 5         | 589.5     | 32.2      | 53.84     | 136       | 555       | 4.37      | 31.2      | 25.16     | 3         | 0.28      | 158.9     |
| 119603     | 08/07/2011  | NAD 83 - 7 | 7182593  | 503916  | 419       | WHI11000788  | 271       | 13.7      | 40        | 409.3     | 21        | 31.12     | 82        | 254       | 2.69      | 20.6      | 15.22     | 1.74      | 0.18      | 108.5     |
| 119604     | 08/07/2011  | NAD 83 - 7 | 7182942  | 503941  | 391       | WHI11000788  | 327       | 15.5      | 8         | 578.6     | 21.9      | 31.84     | 84        | 210       | 3.32      | 22.3      | 17        | 1.91      | 0.19      | 100.7     |
| 119605     | 08/07/2011  | NAD 83 - 7 | 7183194  | 503888  | 387       | WHI11000788  | 233       | 10.1      | 11        | 530.7     | 21.1      | 23.25     | 64        | 183       | 2.31      | 20.2      | 12.38     | 1.48      | 0.17      | 85.5      |
| 119606     | 10/07/2011  | NAD 83 - 7 | 7183246  | 502691  | 403       | WHI11000788  | 428       | 14        | 1         | 377.6     | 24.6      | 53.18     | 110       | 149       | 10.99     | 34.6      | 17.54     | 6.77      | 0.43      | 195.2     |
| 119607     | 10/07/2011  | NAD 83 - 7 | 7182877  | 502739  | 388       | WHI11000788  | 345       | 12.6      | 5         | 403.7     | 23.1      | 36.31     | 84        | 202       | 5.8       | 28.8      | 15.14     | 3.34      | 0.31      | 134.8     |
| 119608     | 10/07/2011  | NAD 83 - 7 | 7182504  | 502830  | 451       | WHI11000788  | 526       | 15        | 16        | 327.2     | 27.1      | 56.7      | 143       | 117       | 10.79     | 51        | 22.61     | 6.5       | 0.62      | 501.1     |
| 119609     | 10/07/2011  | NAD 83 - 7 | 7182524  | 502077  | 377       | WHI11000788  | 779       | 12.4      | 4         | 294.9     | 18.1      | 81.3      | 184       | 99        | 19.21     | 37.2      | 27.15     | 9.33      | 0.69      | 237.4     |
| 119610     | 10/07/2011  | NAD 83 - 7 | 7182996  | 502001  | 375       | WHI11000788  | 674       | 16.1      | 4         | 325.7     | 20.9      | 71.77     | 179       | 538       | 21.43     | 86.8      | 28.34     | 7.37      | 0.48      | 867.9     |
| 119611     | 10/07/2011  | NAD 83 - 7 | 7183536  | 501894  | 321       | WHI11000788  | 547       | 14.4      | 4         | 312       | 20.7      | 62.47     | 131       | 605       | 18.93     | 107.8     | 24.52     | 6.56      | 0.45      | 1361.4    |
| 119612     | 10/07/2011  | NAD 83 - 7 | 7183967  | 502152  | 295       | WHI11000788  | 331       | 10.4      | 5         | 456.7     | 25.8      | 38.93     | 89        | 286       | 6.22      | 55.6      | 14.82     | 2.39      | 0.33      | 365.7     |
| 119613     | 12/07/2011  | NAD 83 - 7 | 7184599  | 506024  | 326       | WHI11000788  | 444       | 11.2      | 5         | 499.8     | 27.8      | 43.64     | 103       | 318       | 7.2       | 71.8      | 15.45     | 2.78      | 0.36      | 469       |
| 119614     | 12/07/2011  | NAD 83 - 7 | 7184553  | 505440  | 332       | WHI11000788  | 393       | 11.9      | 4         | 383.8     | 33.5      | 41.55     | 101       | 349       | 7.32      | 63.7      | 17.33     | 2.73      | 0.39      | 427.1     |
| 119615     | 12/07/2011  | NAD 83 - 7 | 7184328  | 504985  | 319       | WHI11000788  | 344       | 10        | 3         | 405.8     | 24.5      | 37.22     | 83        | 303       | 6.04      | 56.4      | 14.2      | 2.29      | 0.33      | 394.8     |
| 119751     | 08/07/2011  | NAD 83 - 7 | 7182546  | 505134  | 453       | WHI11000788  | 303       | 15.9      | 5         | 435.6     | 23.9      | 36.86     | 108       | 392       | 4.09      | 29.3      | 17.59     | 2.56      | 0.23      | 169.5     |
| 119752     | 08/07/2011  | NAD 83 - 7 | 7182720  | 505045  | 449       | WHI11000788  | 404       | 17.3      | 6         | 555.4     | 24.6      | 45.13     | 123       | 367       | 6.65      | 36.1      | 22.47     | 3.48      | 0.34      | 204.7     |
| 119753     | 08/07/2011  | NAD 83 - 7 | 7182919  | 504941  | 410       | WHI11000788  | 489       | 20.1      | 5         | 670.6     | 21.9      | 48.85     | 133       | 347       | 9.33      | 34.4      | 27.8      | 4.3       | 0.42      | 207.9     |
| 119754     | 08/07/2011  | NAD 83 - 7 | 7183150  | 504764  | 375       | WHI11000788  | 384       | 14.9      | 9         | 596.5     | 21.3      | 40.22     | 110       | 300       | 8.78      | 35.3      | 19.77     | 3.29      | 0.39      | 218.9     |
| 119755     | 09/07/2011  | NAD 83 - 7 | 7183152  | 503548  | 358       | WHI11000788  | 650       | 14.1      | 4         | 461.2     | 21.8      | 72.8      | 134       | 587       | 11.99     | 58.2      | 24.96     | 4.57      | 0.36      | 594.5     |
| 119756     | 09/07/2011  | NAD 83 - 7 | 7182939  | 503570  | 373       | WHI11000788  | 432       | 11.9      | 3         | 543.2     | 20.1      | 50.91     | 109       | 365       | 8.23      | 54.6      | 19.41     | 3.27      | 0.32      | 513.3     |
| 119757     | 09/07/2011  | NAD 83 - 7 | 7182695  | 503579  | 378       | WHI11000788  | 1035      | 23.8      | 6         | 534.2     | 32.9      | 97.95     | 218       | 264       | 16.35     | 58.7      | 33.79     | 7.27      | 0.49      | 436.7     |
| 119758     | 09/07/2011  | NAD 83 - 7 | 7182489  | 503583  | 382       | WHI11000788  | 1094      | 17.5      | 4         | 340.6     | 31.4      | 110.6     | 197       | 457       | 16.99     | 64.1      | 35.94     | 7.2       | 0.36      | 472.9     |
| 119759     | 09/07/2011  | NAD 83 - 7 | 7183549  | 503590  | 338       | WHI11000788  | 370       | 13.1      | 2         | 555.4     | 19.3      | 41.41     | 63        | 402       | 7.24      | 43.9      | 21.18     | 3.68      | 0.34      | 429.3     |
| 119760     | 09/07/2011  | NAD 83 - 7 | 7183853  | 503338  | 317       | WHI11000788  | 286       | 11        | 5         | 545.9     | 20.4      | 32.2      | 110       | 338       | 4.46      | 39.6      | 16.05     | 2.44      | 0.26      | 404.3     |
| 119761     | 09/07/2011  | NAD 83 - 7 | 7184006  | 503178  | 310       | WHI11000788  | 303       | 10.1      | 3         | 432.5     | 23.7      | 35.47     | 78        | 290       | 5.72      | 53.6      | 14.84     | 2.3       | 0.31      | 360.3     |
| 119762     | 09/07/2011  | NAD 83 - 7 | 7184044  | 502927  | 305       | WHI11000788  | 324       | 10.2      | 1         | 452.2     | 25        | 37.16     | 96        | 304       | 6.24      | 53        | 14.66     | 2.47      | 0.32      | 368.9     |
| 119763     | 09/07/2011  | NAD 83 - 7 | 7184067  | 503534  | 307       | WHI11000788  | 398       | 11.1      | 2         | 556.4     | 25.2      | 43.22     | 99        | 312       | 6.99      | 65.7      | 15.32     | 2.62      | 0.38      | 443.2     |
| 119764     | 12/07/2011  | NAD 83 - 7 | 7184100  | 504296  | 328       | WHI11000788  | 361       | 10.4      | 3         | 482.8     | 24.4      | 39.73     | 97        | 257       | 6.34      | 58.9      | 14.1      | 2.62      | 0.35      | 382.4     |
| 119765     | 13/07/2011  | NAD 83 - 7 | 7184078  | 504686  | 321       | WHI11000788  | 289       | 12.2      | 5         | 550.9     | 20.8      | 36.53     | 78        | 324       | 6.43      | 48.8      | 16.6      | 2.38      | 0.34      | 285.8     |
| 119766     | 13/07/2011  | NAD 83 - 7 | 7183600  | 504404  | 365       | WHI11000788  | 258       | 9.8       | 3         | 678.3     | 22.3      | 38.39     | 64        | 198       | 3.8       | 50.1      | 15.03     | 2.01      | 0.33      | 276.7     |
| 613876     | 22/06/2012  | NAD 83 - 7 | 7184131  | 508526  | 378       | DAW12000053  | 369       | 10.4      | 4         | 421.9     | 25.2      | 44.29     | 104       | 382       | 7.62      | 79.6      | 13.69     | 2         | 0.33      | 469.2     |
| 613877     | 22/06/2012  | NAD 83 - 7 | 7176686  | 504116  | 556       | DAW12000053  | 178       | 6.2       | 1         | 184.6     | 22.4      | 28.97     | 82        | 377       | 1.84      | 31.4      | 11.8      | 0.62      | 0.11      | 115.9     |
| 613878     | 22/06/2012  | NAD 83 - 7 | 7178194  | 511737  | 520       | DAW12000053P | 243       | 10.4      | 5         | 243.7     | 32.8      | 39.75     | 107       | 600       | 4.77      | 52.6      | 19.31     | 1.27      | 0.15      | 226.8     |
| 613879     | 22/06/2012  | NAD 83 - 7 | 7178268  | 514872  | 628       | DAW12000053  | 901       | 12.9      | 4         | 521.4     | 23.9      | 63.07     | 153       | 149       | 10.64     | 56        | 11.74     | 4.03      | 0.42      | 243       |
| 613880     | 23/06/2012  | NAD 83 - 7 | 7177829  | 516383  | 513       | DAW12000053P | 505       | 16.8      | 7         | 842.1     | 21.3      | 64.47     | 166       | 213       | 35.96     | 117.3     | 11.78     | 5.71      | 0.85      | 1109.3    |
| 613881     | 23/06/2012  | NAD 83 - 7 | 7177274  | 516904  | 495       | DAW12000053  | 566       | 14.2      | 3         | 497.6     | 51.3      | 55.7      | 96        | 419       | 9.02      | 81.9      | 20.93     | 2.42      | 0.26      | 300.9     |
| 613882     | 23/06/2012  | NAD 83 - 7 | 7175563  | 515016  | 616       | DAW12000053P | 202       | 8.1       | 4         | 281.5     | 100.4     | 42.16     | 64        | 473       | 3.08      | 81        | 17.22     | 0.99      | 0.21      | 197.1     |
| 613883     | 23/06/2012  | NAD 83 - 7 | 7175207  | 517020  | 543       | DAW12000053  | 212       | 9.5       | 3         | 247.5     | 38.8      | 47.95     | 108       | 740       | 2.87      | 61.4      | 22.03     | 1.08      | 0.23      | 153.4     |
| 613884     | 23/06/2012  | NAD 83 - 7 | 7175150  | 517013  | 553       | DAW12000053  | 189       | 9.1       | 5         | 211.8     | 32.7      | 34.63     | 66        | 450       | 2.42      | 50.3      | 18.12     | 0.82      | 0.21      | 123.8     |
| 613885     | 23/06/2012  | NAD 83 - 7 | 7171875  | 516862  | 659       | DAW12000053  | 113       | 7.2       | 2         | 55.5      | 9.5       | 27.64     | 35        | 356       | 0.45      | 22.3      | 13.47     | 0.41      | 0.1       | 36.5      |
| 613886     | 23/06/2012  | NAD 83 - 7 | 7171836  | 516816  | 651       | DAW12000053  | 118       | 10.7      | 3         | 49        | 9.5       | 29.66     | 31        | 408       | 0.58      | 24.6      | 16.66     | 0.45      | 0.08      | 66.9      |
| 1301015    | 22/06/2012  | NAD 83 - 7 | 7184684  | 507522  | 369       | DAW12000053  | 287       | 11.6      | 3         | 499.8     | 20.2      | 38.54     | 84        | 306       | 6.64      | 60.5      | 14.29     | 2.01      | 0.36      | 238.8     |
| 1301016    | 22/06/2012  | NAD 83 - 7 | 7184159  | 504444  | 330       | DAW12000053  | 420       | 20.5      | 3         | 497.1     | 25.1      | 65.39     | 90        | 2346      | 39.31     | 269.8     | 36.93     | 5.41      | 1.39      | 2673.2    |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate  | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |  |
|------------|-------------|------------|----------|---------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| 1301017    | 22/06/2012  | NAD 83 - 7 | 7184457  | 506316  | 345       | DAW12000053  | 370       | 13.6      | 14        | 616.4     | 34.8      | 58.37     | 84        | 561       | 10.02     | 111.4     | 24.74     | 2.62      | 0.43      | 888.8     |  |
| 1301018    | 22/06/2012  | NAD 83 - 7 | 7182334  | 506482  | 412       | DAW12000053P | 521       | 16.3      | 19        | 541.3     | 32.7      | 67.43     | 115       | 498       | 15.78     | 94.4      | 25.3      | 3.5       | 0.41      | 717.5     |  |
| 1301019    | 22/06/2012  | NAD 83 - 7 | 7182375  | 506482  | 413       | DAW12000053P | 768       | 16.5      | 146       | 421.4     | 29.3      | 71.45     | 125       | 454       | 14.74     | 96.4      | 26.82     | 4.2       | 0.52      | 620.9     |  |
| 1301020    | 22/06/2012  | NAD 83 - 7 | 7178308  | 507521  | 606       | DAW12000053  | 475       | 18.7      | 14        | 1067.1    | 21.7      | 46.75     | 103       | 1831      | 14.62     | 91.9      | 18.26     | 3.15      | 0.26      | 495.8     |  |
| 1301021    | 22/06/2012  | NAD 83 - 7 | 7179505  | 509175  | 497       | DAW12000053P | 470       | 12.4      | 9         | 324.7     | 39.4      | 62.63     | 167       | 529       | 7.65      | 85.8      | 23.43     | 2.01      | 0.21      | 750.9     |  |
| 1301022    | 23/06/2012  | NAD 83 - 7 | 7180514  | 514574  | 454       | DAW12000053  | 536       | 35.8      | 1         | 558.2     | 25.4      | 82.36     | 118       | 451       | 24.8      | 91.3      | 20.53     | 6.01      | 1.08      | 474.1     |  |
| 1301023    | 23/06/2012  | NAD 83 - 7 | 7179574  | 515968  | 492       | DAW12000053P | 622       | 17.4      | 13        | 596.2     | 22.8      | 56.83     | 159       | 457       | 27.96     | 131.8     | 13.09     | 4.08      | 0.72      | 580.4     |  |
| 1301024    | 23/06/2012  | NAD 83 - 7 | 7177944  | 517848  | 561       | DAW12000053P | 604       | 15.8      | 14        | 780.4     | 30.8      | 61.24     | 155       | 442       | 12.26     | 94.5      | 14.25     | 3.13      | 0.37      | 568.6     |  |
| 1301025    | 23/06/2012  | NAD 83 - 7 | 7178128  | 517824  | 565       | DAW12000053  | 904       | 20.1      | 4         | 342.3     | 35.5      | 91.12     | 150       | 143       | 23.86     | 94.2      | 12.07     | 4.58      | 0.5       | 641.8     |  |
| 1301026    | 23/06/2012  | NAD 83 - 7 | 7170049  | 519816  | 941       | DAW12000053  | 77        | 6.7       | 22        | 126.6     | 23.7      | 16.41     | 26        | 475       | 1.21      | 34.4      | 10.66     | 0.28      | 0.06      | 101.3     |  |
| 1301027    | 23/06/2012  | NAD 83 - 7 | 7170041  | 519759  | 944       | DAW12000053  | 66        | 5         | 4         | 89.3      | 20.1      | 16.73     | 16        | 351       | 0.53      | 25.4      | 9.9       | 0.26      | 0.05      | 76.9      |  |
| 1301579    |             | NAD 83 - 7 | 7184414  | 530373  | 951       | DAW12000174  | 88        | 6.4       | 1         | 174       | 6.4       | 10.14     | 16        | 274       | 1.19      | 14.2      | 24.5      | 0.27      | 0.13      | 58.2      |  |
| 1301580    |             | NAD 83 - 7 | 7185041  | 529517  | 852       | DAW12000174  |           |           | 1         |           |           |           |           |           |           |           |           |           |           |           |  |
| 1301801    |             | NAD 83 - 7 | 7185211  | 531639  | 1093      | DAW12000174  | 610       | 24.6      | 5         | 219.5     | 15.7      | 99.68     | 198       | 7349      | 9         | 438.5     | 13.8      | 1.39      | 1.24      | 666.4     |  |
| 1301802    |             | NAD 83 - 7 | 7186333  | 532472  | 879       | DAW12000174  | 396       | 6.9       | 2         | 451.4     | 8.4       | 18.44     | 93        | 164       | 5.24      | 22.4      | 24.42     | 1.47      | 0.15      | 160.4     |  |
| 1301803    |             | NAD 83 - 7 | 7186402  | 531936  | 842       | DAW12000174  | 254       | 7.1       | 3         | 494.2     | 13.8      | 16.31     | 85        | 189       | 4.66      | 27        | 16.5      | 1.06      | 0.33      | 326.3     |  |
| 1301804    |             | NAD 83 - 7 | 7186370  | 532027  | 835       | DAW12000174  | 830       | 10.9      | 3         | 752.5     | 18        | 43.7      | 133       | 218       | 14.1      | 47.3      | 23.4      | 3.37      | 0.27      | 307.3     |  |
| 1301805    |             | NAD 83 - 7 | 7185607  | 529452  | 808       | DAW12000174  | 212       | 9.1       | 1         | 663.3     | 11.2      | 19.56     | 41        | 353       | 2.38      | 30.7      | 18.09     | 1.49      | 0.17      | 129.2     |  |
| 1301806    |             | NAD 83 - 7 | 7186233  | 529467  | 772       | DAW12000174  | 199       | 7         | 1         | 431.4     | 10.2      | 18.12     | 43        | 285       | 1.67      | 30        | 15.28     | 0.91      | 0.18      | 119.9     |  |
| 1301807    |             | NAD 83 - 7 | 7186945  | 529282  | 734       | DAW12000174  | 314       | 7.7       | 1         | 443.6     | 11        | 20.84     | 53        | 245       | 3.74      | 29.2      | 15.74     | 1.12      | 0.16      | 143.7     |  |
| 1301808    |             | NAD 83 - 7 | 7187663  | 528790  | 695       | DAW12000174  | 209       | 7.3       | 1         | 674.7     | 9.3       | 17.11     | 32        | 296       | 2.92      | 27        | 16.83     | 1.03      | 0.18      | 143       |  |
| 1301809    |             | NAD 83 - 7 | 7188225  | 528459  | 650       | DAW12000174  | 231       | 7.9       | 1         | 436.9     | 9.9       | 16.39     | 58        | 312       | 2.98      | 30        | 14.81     | 0.87      | 0.17      | 138.2     |  |
| 1301851    |             | NAD 83 - 7 | 7186730  | 531036  | 778       | DAW12000174  | 713       | 10.4      | 2         | 1227.7    | 25.6      | 34.36     | 142       | 289       | 10.71     | 42.8      | 12.07     | 2.41      | 0.23      | 330.2     |  |
| 1301852    |             | NAD 83 - 7 | 7186669  | 531190  | 780       | DAW12000174  | 567       | 9.6       | 2         | 559.7     | 14.5      | 30.74     | 109       | 258       | 10.07     | 41.7      | 18.76     | 2.2       | 0.2       | 271.2     |  |
| 1301853    |             | NAD 83 - 7 | 7186634  | 531268  | 783       | DAW12000174  | 312       | 5.4       | 3         | 664.1     | 22.6      | 21.23     | 68        | 193       | 3.71      | 23.8      | 6.27      | 1.1       | 0.18      | 193.4     |  |
| 1301854    |             | NAD 83 - 7 | 7187117  | 530521  | 735       | DAW12000174  | 262       | 10.7      | 1         | 1554.4    | 23.2      | 19.34     | 76        | 252       | 5.75      | 37.5      | 10.01     | 2.05      | 0.16      | 290.3     |  |
| 1301855    |             | NAD 83 - 7 | 7188087  | 529912  |           | DAW12000174  | 239       | 4.6       | 1         | 690.5     | 7.5       | 12.06     | 45        | 219       | 2.91      | 16.8      | 13.54     | 0.91      | 0.11      | 118.6     |  |
| 1301856    | 27/07/2012  | NAD 83 - 7 | 7187492  | 524970  | 0         | DAW12000184  | 245       | 19.1      | 3         | 1111.7    | 10.2      | 39.8      | 74        | 144       | 8.39      | 51.4      | 15        | 2.32      | 0.5       | 191.6     |  |
| 1301857    | 27/07/2012  | NAD 83 - 7 | 7187442  | 524930  | 624       | DAW12000184  | 523       | 23.5      | 3         | 151.2     | 11.3      | 51.77     | 92        | 51        | 10.42     | 43.1      | 15.13     | 3.06      | 0.79      | 137.1     |  |
| 1301935    | 28/07/2012  | NAD 83 - 7 | 7187556  | 525338  | 636       | DAW12000184  | 452       | 26.3      | 3         | 487.3     | 9.4       | 31.15     | 106       | 25        | 11.28     | 20.3      | 19.7      | 2.97      | 0.85      | 68.1      |  |
| 1301936    | 28/07/2012  | NAD 83 - 7 | 7187606  | 525406  | 634       | DAW12000184  | 271       | 17.6      | 2         | 1433.9    | 10.4      | 43.15     | 77        | 158       | 7.8       | 48.1      | 14.59     | 2.35      | 0.49      | 189.1     |  |
| 1301937    | 28/07/2012  | NAD 83 - 7 | 7187556  | 524809  | 621       | DAW12000184  | 249       | 18.4      | 1         | 785.6     | 8.9       | 45.03     | 66        | 127       | 8.01      | 57        | 14.32     | 2.35      | 0.5       | 212.6     |  |
| 1302001    | 22/06/2012  | NAD 83 - 7 | 7184062  | 502728  | 319       | DAW12000053  | 311       | 10.4      | 4         | 418.8     | 22.8      | 46.54     | 89        | 266       | 10.4      | 95.9      | 19.24     | 3.15      | 0.69      | 963.6     |  |
| 1302002    | 22/06/2012  | NAD 83 - 7 | 7183782  | 501100  | 303       | DAW12000053  | 287       | 10.3      | 15        | 263.8     | 20.4      | 41.69     | 96        | 238       | 10.35     | 55.8      | 15.94     | 3.6       | 0.36      | 444.6     |  |
| 1302003    | 22/06/2012  | NAD 83 - 7 | 7182830  | 503590  | 383       | DAW12000053  | 450       | 10.5      | 5         | 777.6     | 13.3      | 60.94     | 140       | 5027      | 19.57     | 196.3     | 19.63     | 3.01      | 0.5       | 1654.5    |  |
| 1302004    | 22/06/2012  | NAD 83 - 7 | 7178539  | 508413  | 557       | DAW12000053P | 435       | 12        | 8         | 367.8     | 50.5      | 41.17     | 101       | 506       | 5.67      | 96.4      | 16.67     | 1.65      | 0.21      | 441.5     |  |
| 1302005    | 22/06/2012  | NAD 83 - 7 | 7178539  | 508390  | 551       | DAW12000053P | 454       | 14.4      | 11        | 427.5     | 31.9      | 46.16     | 107       | 838       | 7.11      | 82        | 20.89     | 1.84      | 0.2       | 571.6     |  |
| 1302006    | 23/06/2012  | NAD 83 - 7 | 7180885  | 510778  | 404       | DAW12000053  | 289       | 10.6      | 3         | 215.8     | 27.8      | 56.56     | 143       | 496       | 5.95      | 73        | 29.18     | 1.44      | 0.44      | 250       |  |
| 1302007    | 23/06/2012  | NAD 83 - 7 | 7179031  | 516224  | 482       | DAW12000053P | 581       | 14.3      | 6         | 607.2     | 19.3      | 80.03     | 116       | 898       | 17.33     | 184.5     | 11.39     | 2.61      | 0.45      | 1287.8    |  |
| 1302008    | 23/06/2012  | NAD 83 - 7 | 7178977  | 516200  | 471       | DAW12000053  | 265       | 9.5       | 1         | 364.2     | 27.4      | 34.01     | 70        | 401       | 5.8       | 59.3      | 13.32     | 1.48      | 0.26      | 305.8     |  |
| 1302009    | 23/06/2012  | NAD 83 - 7 | 7179543  | 523199  | 768       | DAW12000053  | 1092      | 27.8      | 7         | 759.3     | 40.6      | 85.35     | 223       | 192       | 26.35     | 123.1     | 12.2      | 8.18      | 0.52      | 1203.9    |  |
| 1302010    | 23/06/2012  | NAD 83 - 7 | 7179752  | 521646  | 612       | DAW12000053  | 1188      | 26        | 4         | 1132.9    | 38.4      | 85.22     | 183       | 230       | 26.97     | 129.2     | 12.26     | 8.89      | 0.51      | 999.9     |  |
| 1302011    | 23/06/2012  | NAD 83 - 7 | 7177075  | 524542  | 698       | DAW12000053  | 1134      | 19.7      | 5         | 1020.8    | 63.2      | 70.29     | 187       | 243       | 14.49     | 120.6     | 11.92     | 5.49      | 0.46      | 812.6     |  |
| 1302012    | 09/07/2012  | NAD 83 - 7 | 7184604  | 513202  | 538       | DAW12000135  | 217       | 7.9       | 8         | 405       | 29.9      | 38.22     | 74        | 571       | 1.83      | 128.1     | 15.72     | 0.71      | 0.22      | 486.2     |  |

| Sample No. | Sample Date | UTM        | Northing | Easting | Elevation | Certificate  | Ag<br>PPB | As<br>PPM | Au<br>PPB | Ba<br>PPM | Cr<br>PPM | Cu<br>PPM | Hg<br>PPB | Mn<br>PPM | Mo<br>PPM | Ni<br>PPM | Pb<br>PPM | Sb<br>PPM | Tl<br>PPM | Zn<br>PPM |
|------------|-------------|------------|----------|---------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1302013    | 09/07/2012  | NAD 83 - 7 | 7184627  | 513238  | 529       | DAW12000135  | 328       | 10.5      | 26        | 827.9     | 24.1      | 50.28     | 103       | 422       | 4.33      | 68.6      | 36.06     | 1.13      | 0.58      | 312.5     |
| 1302014    | 13/07/2012  | NAD 83 - 7 | 7187278  | 519163  | 624       | DAW12000163  | 2457      | 19.7      | 6         | 321       | 68.7      | 124.54    | 187       | 84        | 10.96     | 46.5      | 11.31     | 1.91      | 0.43      | 161.2     |
| 1302015    | 15/07/2012  | NAD 83 - 7 | 7188636  | 518183  | 531       | DAW12000163  | 1932      | 16.3      | 6         | 247.4     | 54.1      | 68.7      | 158       | 41        | 10.65     | 25.6      | 10.76     | 2.05      | 0.61      | 74.4      |
| 1302016    | 16/07/2012  | NAD 83 - 7 | 7187541  | 516659  | 657       | DAW12000163  | 8675      | 34        | 6         | 356.3     | 201       | 91.39     | 280       | 42        | 18.4      | 86.2      | 6.33      | 3.14      | 0.65      | 333.1     |
| 1302101    | 22/06/2012  | NAD 83 - 7 | 7184288  | 508284  | 364       | DAW12000053  | 178       | 9         | 21        | 486.8     | 23.8      | 37.32     | 51        | 253       | 3.69      | 47.7      | 10.14     | 1.42      | 0.19      | 158.9     |
| 1302102    | 22/06/2012  | NAD 83 - 7 | 7183910  | 501477  | 304       | DAW12000053P | 273       | 13.6      | 2         | 434       | 17.4      | 48.53     | 84        | 348       | 20.09     | 96.9      | 22.68     | 4.17      | 0.7       | 1167.9    |
| 1302103    | 22/06/2012  | NAD 83 - 7 | 7183888  | 501870  | 296       | DAW12000053  | 480       | 13.8      | 3         | 282.5     | 17.1      | 65.43     | 134       | 972       | 20.51     | 132.8     | 22.72     | 6.2       | 0.46      | 1689.9    |
| 1302104    | 22/06/2012  | NAD 83 - 7 | 7178284  | 507543  | 598       | DAW12000087  | 210       | 11        | 8         | 552.9     | 32        | 25.56     | 77        | 10000     | 13.1      | 244.6     | 12.48     | 1.54      | 0.31      | 718.5     |
| 1302105    | 23/06/2012  | NAD 83 - 7 | 7179453  | 515511  | 464       | DAW12000053P | 836       | 16.7      | 4         | 386.4     | 36.9      | 64.25     | 146       | 274       | 12.13     | 64.5      | 11.95     | 4.6       | 0.3       | 361.5     |
| 1302106    | 23/06/2012  | NAD 83 - 7 | 7181239  | 519602  | 652       | DAW12000053P | 153       | 16.3      | 3         | 434.3     | 18        | 80.41     | 75        | 224       | 6.49      | 68        | 11.58     | 1.27      | 0.27      | 303.9     |
| 1302107    | 23/06/2012  | NAD 83 - 7 | 7182935  | 524551  |           | DAW12000053P | 286       | 13        | 5         | 477.9     | 20.9      | 36.21     | 88        | 310       | 7.52      | 60.1      | 11.57     | 2.05      | 0.59      | 283.9     |
| 1302108    | 23/06/2012  | NAD 83 - 7 | 7176071  | 522419  | 617       | DAW12000053P | 423       | 14.5      | 3         | 650.6     | 18.1      | 42.88     | 88        | 281       | 6.98      | 61.1      | 16.48     | 2.39      | 0.3       | 487.6     |
| 1302109    | 23/06/2012  | NAD 83 - 7 | 7175994  | 522385  | 621       | DAW12000053  | 96        | 7         | 1         | 193.8     | 26.9      | 19.28     | 35        | 278       | 0.82      | 33.7      | 16.74     | 0.41      | 0.11      | 172.9     |
| 1302110    | 23/06/2012  | NAD 83 - 7 | 7175260  | 523795  | 610       | DAW12000053P | 657       | 14.6      | 4         | 640.5     | 49.5      | 47.63     | 113       | 218       | 9.72      | 81.7      | 10.95     | 3.55      | 0.3       | 562.2     |
| 1302201    | 22/06/2012  | NAD 83 - 7 | 7184675  | 506503  |           | DAW12000053  | 562       | 17.1      | 2         | 474.3     | 27.4      | 65.04     | 147       | 972       | 21.59     | 129.8     | 15.03     | 5.97      | 0.86      | 984.5     |
| 1302202    | 22/06/2012  | NAD 83 - 7 | 7178543  | 500929  | 391       | DAW12000053P | 171       | 5.5       | 13        | 186.7     | 5.2       | 14.45     | 68        | 516       | 0.46      | 12.3      | 6.29      | 0.36      | 0.07      | 16        |
| 1302203    | 22/06/2012  | NAD 83 - 7 | 7176021  | 504768  | 502       | DAW12000053  | 271       | 7.4       | 3         | 115.1     | 9.4       | 22.1      | 67        | 653       | 0.78      | 24.4      | 10.18     | 1.41      | 0.06      | 35.8      |
| 1302204    | 22/06/2012  | NAD 83 - 7 | 7179175  | 512173  | 486       | DAW12000053  | 450       | 12.5      | 4         | 694.7     | 28.1      | 53.19     | 129       | 324       | 8.34      | 52.7      | 15.6      | 2.58      | 0.29      | 291.5     |
| 1302205    | 23/06/2012  | NAD 83 - 7 | 7180277  | 514273  | 432       | DAW12000053  | 795       | 21.9      | 4         | 866.2     | 23.2      | 75.12     | 179       | 1465      | 21.27     | 150.3     | 16.93     | 4.64      | 0.67      | 1060.2    |
| 1302206    | 23/06/2012  | NAD 83 - 7 | 7179991  | 517424  | 523       | DAW12000053P | 722       | 25.9      | 22        | 1083.1    | 20.9      | 80.13     | 156       | 2428      | 26.06     | 219.1     | 15.95     | 5.19      | 0.86      | 1438.6    |
| 1302207    | 23/06/2012  | NAD 83 - 7 | 7179935  | 517499  | 526       | DAW12000053P | 735       | 17.9      | 8         | 781.1     | 26.7      | 74.84     | 126       | 1300      | 23.83     | 164.1     | 12.09     | 4.25      | 0.44      | 788.5     |
| 1302208    | 23/06/2012  | NAD 83 - 7 | 7181986  | 522941  | 636       | DAW12000053  | 397       | 12.5      | 1         | 380.1     | 20.5      | 28.43     | 99        | 309       | 7.49      | 53.8      | 10.61     | 2.32      | 0.55      | 246.9     |
| 1302209    | 23/06/2012  | NAD 83 - 7 | 7181899  | 522866  | 633       | DAW12000053  | 253       | 14.6      | 3         | 474.3     | 17.1      | 32.67     | 104       | 245       | 5.97      | 40.3      | 13.21     | 1.52      | 0.32      | 153.6     |
| 1302210    | 23/06/2012  | NAD 83 - 7 | 7177807  | 523729  | 732       | DAW12000053P | 601       | 17.2      | 7         | 1003.4    | 16.3      | 46.65     | 114       | 245       | 9.46      | 47.2      | 15.07     | 2.88      | 0.52      | 232       |
| 1302211    | 23/06/2012  | NAD 83 - 7 | 7177758  | 523713  | 729       | DAW12000053  | 532       | 16.5      | 6         | 1694.4    | 17.2      | 48.29     | 162       | 76        | 8.63      | 20.6      | 11.83     | 5.16      | 0.37      | 50.4      |
| 1302212    | 23/06/2012  | NAD 83 - 7 | 7177835  | 526755  | 821       | DAW12000053  | 998       | 18.9      | 7         | 434.3     | 18.6      | 56.37     | 191       | 69        | 17.81     | 45.5      | 22.45     | 6.53      | 1         | 530.7     |
| 1302213    | 23/06/2012  | NAD 83 - 7 | 7177818  | 526760  | 821       | DAW12000053  | 512       | 12.9      | 2         | 503.8     | 49.3      | 42.86     | 142       | 230       | 6.67      | 93.4      | 17.77     | 3.1       | 0.7       | 744.6     |

## **APPENDIX E**

### Geochemical Statistics

| Rackla Metals Inc. - Face Property                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2011 & 2012 Stream Sediment Sample - Descriptive Statistics |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|   | <i>Ag</i> | <i>As</i> | <i>Au</i> | <i>Ba</i> | <i>Cr</i> | <i>Cu</i> | <i>Hg</i> | <i>Mn</i> | <i>Mo</i> | <i>Ni</i> | <i>Pb</i> | <i>Sb</i> | <i>Tl</i> | <i>Zn</i> |
| Mean  | 537.75    | 13.77     | 6.84      | 524.03    | 26.34     | 47.81     | 108.01    | 595.13    | 9.81      | 70.46     | 17.14     | 2.94      | 0.39      | 440.31    |
| Standard Error  | 78.63     | 0.55      | 1.34      | 27.11     | 1.98      | 2.10      | 4.42      | 116.11    | 0.72      | 5.48      | 0.57      | 0.19      | 0.02      | 38.63     |
| Median  | 394.5     | 12.75     | 4         | 476.1     | 22.8      | 43.43     | 103       | 311       | 7.57      | 55.1      | 15.66     | 2.43      | 0.34      | 306.55    |
| Mode  | 271       | 10.4      | 3         | 499.8     | 20.4      | #N/A      | 84        | 245       | 5.8       | 20.6      | 15.03     | 2.62      | 0.33      | 158.9     |
| Standard Deviation  | 839.5     | 5.8       | 14.3      | 289.4     | 21.2      | 22.4      | 47.2      | 1239.7    | 7.7       | 58.5      | 6.0       | 2.0       | 0.2       | 412.5     |
| Sample Variance   | 704741.8  | 34.1      | 205.6     | 83780.4   | 448.8     | 501.9     | 2229.3    | 1536961.2 | 59.5      | 3423.8    | 36.5      | 3.9       | 0.1       | 170115.0  |
| Kurtosis  | 79.65     | 1.97      | 79.32     | 3.42      | 41.84     | 0.65      | 0.83      | 37.67     | 1.99      | 14.52     | 1.53      | 0.89      | 2.99      | 7.73      |
| Skewness  | 8.35      | 1.16      | 8.32      | 1.51      | 5.54      | 0.80      | 0.67      | 5.85      | 1.38      | 3.13      | 1.12      | 1.10      | 1.47      | 2.33      |
| Range   | 8609      | 31.2      | 145       | 1645.4    | 195.8     | 114.4     | 264       | 9975      | 38.86     | 426.2     | 30.66     | 9.07      | 1.34      | 2657.2    |
| Minimum   | 66        | 4.6       | 1         | 49        | 5.2       | 10.14     | 16        | 25        | 0.45      | 12.3      | 6.27      | 0.26      | 0.05      | 16        |
| Maximum   | 8675      | 35.8      | 146       | 1694.4    | 201       | 124.54    | 280       | 10000     | 39.31     | 438.5     | 36.93     | 9.33      | 1.39      | 2673.2    |
| Sum   | 61304     | 1570.1    | 787       | 59739.9   | 3002.4    | 5449.78   | 12313     | 67845     | 1118.82   | 8032.3    | 1954.2    | 334.71    | 44.54     | 50195.1   |
| Count   | 114       | 114       | 115       | 114       | 114       | 114       | 114       | 114       | 114       | 114       | 114       | 114       | 114       | 114       |
| Largest(1)  | 8675      | 35.8      | 146       | 1694.4    | 201       | 124.54    | 280       | 10000     | 39.31     | 438.5     | 36.93     | 9.33      | 1.39      | 2673.2    |
| Smallest(1)   | 66        | 4.6       | 1         | 49        | 5.2       | 10.14     | 16        | 25        | 0.45      | 12.3      | 6.27      | 0.26      | 0.05      | 16        |
| Confidence Level(95.0%)                                     | 155.8     | 1.1       | 2.6       | 53.7      | 3.9       | 4.2       | 8.8       | 230.0     | 1.4       | 10.9      | 1.1       | 0.4       | 0.0       | 76.5      |

| Rackla Metals Inc. - Face Property                |           |           |           |           |          |           |           |           |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2011 & 2012 Soil samples - Descriptive Statistics |           |           |           |           |          |           |           |           |           |           |           |           |           |
|   | <i>Ag</i> | <i>Al</i> | <i>As</i> | <i>Au</i> | <i>B</i> | <i>Ba</i> | <i>Bi</i> | <i>Ca</i> | <i>Cd</i> | <i>Co</i> | <i>Cr</i> | <i>Cu</i> | <i>Fe</i> |
| Mean  | 815.4     | 1.4       | 16.3      | 3.5       | 2.8      | 482.4     | 0.2       | 0.7       | 1.5       | 9.3       | 34.1      | 39.7      | 2.9       |
| Standard Error                                    | 61.3      | 0.0       | 0.4       | 0.1       | 0.1      | 12.6      | 0.0       | 0.0       | 0.1       | 0.8       | 0.8       | 0.9       | 0.0       |
| Median  | 246       | 1.34      | 11.4      | 2.2       | 2        | 324.05    | 0.19      | 0.11      | 0.38      | 7.45      | 27.9      | 29.155    | 2.72      |
| Mode  | 100       | 1.27      | 9.8       | 0.9       | 2        | 259.6     | 0.19      | 0.08      | 0.11      | 3.8       | 27.3      | 25.02     | 2.78      |
| Standard Deviation                                | 2797.8    | 0.6       | 20.1      | 5.1       | 2.8      | 576.9     | 0.1       | 1.9       | 6.8       | 35.2      | 37.1      | 42.7      | 1.4       |
| Sample Variance                                   | 7827408.9 | 0.4       | 403.3     | 25.9      | 7.8      | 332819.0  | 0.0       | 3.6       | 45.7      | 1235.9    | 1377.3    | 1823.1    | 2.1       |
| Kurtosis  | 280.1     | 4.1       | 149.7     | 65.1      | 108.9    | 86.0      | 13.0      | 39.7      | 488.2     | 1927.7    | 76.5      | 60.9      | 18.4      |
| Skewness  | 14.5      | 0.8       | 9.4       | 6.6       | 7.6      | 7.0       | 2.3       | 5.7       | 19.2      | 43.1      | 7.5       | 6.0       | 3.3       |
| Range   | 69781     | 6.93      | 420.6     | 79.3      | 58.5     | 9961.2    | 1.05      | 20.685    | 206.675   | 1581.65   | 621.6     | 763.8     | 15.39     |
| Minimum   | 8         | 0.1       | 0.2       | 0.1       | 0.5      | 38.8      | 0.01      | 0.005     | 0.005     | 0.05      | 1.2       | 1.75      | 0.13      |
| Maximum   | 69789     | 7.03      | 420.8     | 79.4      | 59       | 10000     | 1.06      | 20.69     | 206.68    | 1581.7    | 622.8     | 765.55    | 15.52     |
| Sum   | 1695982   | 2869.92   | 33921.9   | 7179.2    | 5790.5   | 1003421.7 | 433.4     | 1352.22   | 3120.25   | 19263.7   | 70904.4   | 82483.84  | 6012.12   |
| Count   | 2080      | 2080      | 2080      | 2080      | 2080     | 2080      | 2080      | 2080      | 2080      | 2080      | 2080      | 2080      | 2080      |
| Largest(1)  | 69789     | 7.03      | 420.8     | 79.4      | 59       | 10000     | 1.06      | 20.69     | 206.68    | 1581.7    | 622.8     | 765.55    | 15.52     |
| Smallest(1)                                       | 8         | 0.1       | 0.2       | 0.1       | 0.5      | 38.8      | 0.01      | 0.005     | 0.005     | 0.05      | 1.2       | 1.75      | 0.13      |
| Confidence Level(95.0%)                           | 120.30    | 0.03      | 0.86      | 0.22      | 0.12     | 24.81     | 0.00      | 0.08      | 0.29      | 1.51      | 1.60      | 1.84      | 0.06      |

| Rackla Metals Inc. - Face Property |           |           |          |           |           |           |           |           |           |          |           |          |           |
|------------------------------------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|
| 2011 & 2012 Soil samples - D       |           |           |          |           |           |           |           |           |           |          |           |          |           |
|                                    | <i>Ga</i> | <i>Hg</i> | <i>K</i> | <i>La</i> | <i>Mg</i> | <i>Mn</i> | <i>Mo</i> | <i>Na</i> | <i>Ni</i> | <i>P</i> | <i>Pb</i> | <i>S</i> | <i>Sb</i> |
| Mean                               | 4.5       | 103.0     | 0.1      | 8.9       | 0.4       | 259.8     | 9.2       | 0.0       | 41.2      | 0.1      | 23.0      | 0.1      | 2.6       |
| Standard Error                     | 0.0       | 3.8       | 0.0      | 0.2       | 0.0       | 8.0       | 0.4       | 0.0       | 1.6       | 0.0      | 0.9       | 0.0      | 0.1       |
| Median                             | 4.5       | 51        | 0.08     | 7.4       | 0.29      | 185       | 3.61      | 0.006     | 27.95     | 0.05     | 15.64     | 0.04     | 1.16      |
| Mode                               | 4         | 25        | 0.07     | 6.8       | 0.03      | 158       | 2.58      | 0.003     | 26.5      | 0.03     | 11.34     | 0.01     | 0.77      |
| Standard Deviation                 | 1.9       | 172.7     | 0.1      | 8.2       | 0.8       | 365.6     | 19.0      | 0.0       | 73.3      | 0.2      | 40.8      | 0.2      | 4.5       |
| Sample Variance                    | 3.5       | 29817.1   | 0.0      | 67.8      | 0.6       | 133682.5  | 359.5     | 0.0       | 5367.4    | 0.0      | 1666.9    | 0.0      | 20.6      |
| Kurtosis                           | 11.0      | 70.0      | 32.9     | 45.9      | 53.5      | 256.3     | 69.5      | 125.0     | 778.4     | 135.7    | 285.3     | 21.1     | 49.2      |
| Skewness                           | 1.3       | 6.6       | 4.1      | 5.4       | 6.5       | 11.5      | 7.0       | 8.6       | 22.9      | 9.4      | 14.4      | 4.0      | 5.9       |
| Range                              | 26.6      | 2931.5    | 0.975    | 125       | 9.77      | 9999      | 294.77    | 0.2725    | 2648.7    | 3.707    | 968.3     | 1.93     | 62.47     |
| Minimum                            | 0.2       | 2.5       | 0.005    | 0.7       | 0.01      | 1         | 0.14      | 0.0005    | 1.8       | 0.004    | 1.39      | 0.01     | 0.08      |
| Maximum                            | 26.8      | 2934      | 0.98     | 125.7     | 9.78      | 10000     | 294.91    | 0.273     | 2650.5    | 3.711    | 969.69    | 1.94     | 62.55     |
| Sum                                | 9451.8    | 214230    | 209.85   | 18423.1   | 911.88    | 540405    | 19165.52  | 17.988    | 85706.9   | 195.339  | 47810.43  | 215.97   | 5380.87   |
| Count                              | 2080      | 2080      | 2080     | 2080      | 2080      | 2080      | 2080      | 2080      | 2080      | 2080     | 2080      | 2080     | 2080      |
| Largest(1)                         | 26.8      | 2934      | 0.98     | 125.7     | 9.78      | 10000     | 294.91    | 0.273     | 2650.5    | 3.711    | 969.69    | 1.94     | 62.55     |
| Smallest(1)                        | 0.2       | 2.5       | 0.005    | 0.7       | 0.01      | 1         | 0.14      | 0.0005    | 1.8       | 0.004    | 1.39      | 0.01     | 0.08      |
| Confidence Level(95.0%)            | 0.08      | 7.43      | 0.00     | 0.35      | 0.03      | 15.72     | 0.82      | 0.00      | 3.15      | 0.01     | 1.76      | 0.01     | 0.19      |

| Rackla Metals Inc. - Face Proj |         |        |         |        |         |        |         |        |         |       |          |
|--------------------------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|-------|----------|
| 2011 & 2012 Soil samples - D   |         |        |         |        |         |        |         |        |         |       |          |
|                                | Sc      | Se     | Sr      | Te     | Th      | Ti     | Tl      | U      | V       | W     | Zn       |
| Mean                           | 3.3     | 2.9    | 41.4    | 0.1    | 2.2     | 0.0    | 0.5     | 2.1    | 114.4   | 0.1   | 159.7    |
| Standard Error                 | 0.1     | 0.1    | 1.5     | 0.0    | 0.0     | 0.0    | 0.0     | 0.1    | 4.1     | 0.0   | 6.4      |
| Median                         | 2.9     | 0.9    | 19.8    | 0.06   | 2       | 0.009  | 0.27    | 0.7    | 63      | 0.05  | 87.4     |
| Mode                           | 2.9     | 0.3    | 8.5     | 0.04   | 2.2     | 0.003  | 0.14    | 0.5    | 53      | 0.05  | 91.3     |
| Standard Deviation             | 2.4     | 6.0    | 68.7    | 0.1    | 1.2     | 0.0    | 0.8     | 4.9    | 188.6   | 0.1   | 292.4    |
| Sample Variance                | 5.8     | 36.5   | 4716.5  | 0.0    | 1.4     | 0.0    | 0.7     | 24.1   | 35587.3 | 0.0   | 85470.6  |
| Kurtosis                       | 71.7    | 65.1   | 38.9    | 81.0   | 3.3     | 43.2   | 62.4    | 55.7   | 73.2    | 26.3  | 127.0    |
| Skewness                       | 6.5     | 6.5    | 5.4     | 7.2    | 1.1     | 4.3    | 6.3     | 6.5    | 7.0     | 3.8   | 9.3      |
| Range                          | 41.55   | 95.95  | 758.6   | 2.15   | 11.05   | 0.1925 | 12.06   | 68.7   | 3042    | 1.05  | 5739.4   |
| Minimum                        | 0.05    | 0.05   | 2.5     | 0.01   | 0.05    | 0.0005 | 0.01    | 0.1    | 3       | 0.05  | 2.1      |
| Maximum                        | 41.6    | 96     | 761.1   | 2.16   | 11.1    | 0.193  | 12.07   | 68.8   | 3045    | 1.1   | 5741.5   |
| Sum                            | 6872.25 | 5957.3 | 86086.5 | 200.02 | 4477.15 | 26.018 | 1093.68 | 4367.6 | 238041  | 217.1 | 332122.8 |
| Count                          | 2080    | 2080   | 2080    | 2080   | 2080    | 2080   | 2080    | 2080   | 2080    | 2080  | 2080     |
| Largest(1)                     | 41.6    | 96     | 761.1   | 2.16   | 11.1    | 0.193  | 12.07   | 68.8   | 3045    | 1.1   | 5741.5   |
| Smallest(1)                    | 0.05    | 0.05   | 2.5     | 0.01   | 0.05    | 0.0005 | 0.01    | 0.1    | 3       | 0.05  | 2.1      |
| Confidence Level(95.0%)        | 0.10    | 0.26   | 2.95    | 0.01   | 0.05    | 0.00   | 0.04    | 0.21   | 8.11    | 0.00  | 12.57    |



| Rackla Metals Inc. - Face Property                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|------|------|------|--|--|--|--|--|--|--|
| 2011 & 2012 Soil Samples - Geochemical Correlation |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
|  | Ag    | Al    | As    | Au    | B     | Ba    | Bi    | Ca    | Cd    | Co    | Cr    | Cu    | Fe    | Ga    | Hg    | K     | La    | Mg    | Mn    | Mo    | Na    | Ni    | P    | Pb    | S     | Sb    | Sc   | Se    | Sr    | Te    | Th    | Ti    | Tl   | U    | V    | W    | Zn   |  |  |  |  |  |  |  |
| Ag   | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Al   | -0.15 | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| As   | 0.23  | -0.04 | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Au   | 0.16  | -0.03 | 0.35  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| B  | 0.42  | -0.13 | 0.22  | 0.22  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Ba   | 0.43  | -0.11 | 0.09  | 0.08  | 0.33  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Bi   | 0.04  | 0.14  | 0.22  | 0.24  | 0.02  | -0.09 | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Ca   | 0.09  | -0.17 | 0.02  | 0.02  | 0.26  | 0.11  | -0.27 | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Cd   | 0.40  | -0.08 | 0.17  | 0.04  | 0.36  | 0.24  | -0.08 | 0.24  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Co   | 0.02  | 0.21  | 0.05  | 0.00  | 0.03  | 0.01  | 0.00  | 0.01  | 0.10  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Cr   | 0.69  | 0.22  | 0.23  | 0.11  | 0.43  | 0.33  | 0.00  | 0.12  | 0.35  | 0.17  | 1.00  |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Cu   | 0.36  | 0.05  | 0.34  | 0.45  | 0.44  | 0.17  | 0.22  | 0.07  | 0.28  | 0.12  | 0.39  | 1.00  |       |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Fe   | -0.04 | 0.37  | 0.41  | 0.30  | 0.00  | -0.10 | 0.44  | -0.15 | -0.02 | 0.22  | 0.19  | 0.26  | 1.00  |       |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Ga   | -0.06 | 0.71  | -0.01 | -0.03 | -0.07 | -0.13 | 0.24  | -0.22 | -0.09 | 0.12  | 0.36  | 0.01  | 0.36  | 1.00  |       |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Hg   | 0.48  | -0.15 | 0.36  | 0.40  | 0.46  | 0.22  | 0.10  | 0.14  | 0.32  | 0.12  | 0.36  | 0.55  | 0.12  | -0.12 | 1.00  |       |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| K  | 0.11  | -0.01 | 0.33  | 0.28  | 0.51  | 0.03  | 0.27  | 0.06  | 0.05  | 0.03  | 0.21  | 0.46  | 0.30  | 0.11  | 0.33  | 1.00  |       |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| La   | 0.06  | 0.28  | 0.03  | 0.03  | 0.21  | 0.03  | -0.09 | 0.23  | 0.11  | 0.11  | 0.42  | 0.20  | 0.17  | 0.28  | 0.20  | 0.28  | 1.00  |       |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Mg   | -0.03 | -0.02 | -0.07 | -0.06 | 0.04  | 0.00  | -0.26 | 0.85  | 0.17  | 0.02  | 0.04  | -0.07 | -0.12 | -0.11 | -0.01 | -0.05 | 0.12  | 1.00  |       |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Mn   | -0.07 | 0.36  | -0.01 | 0.01  | 0.00  | -0.04 | 0.08  | 0.11  | 0.07  | 0.67  | 0.19  | 0.09  | 0.33  | 0.23  | 0.07  | 0.03  | 0.28  | 0.13  | 1.00  |       |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Mo   | 0.29  | -0.13 | 0.44  | 0.18  | 0.37  | 0.15  | 0.11  | 0.14  | 0.26  | 0.28  | 0.27  | 0.48  | 0.04  | -0.01 | 0.49  | 0.35  | 0.11  | -0.01 | 0.06  | 1.00  |       |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Na   | 0.05  | -0.23 | 0.30  | 0.15  | 0.11  | 0.01  | 0.03  | 0.04  | 0.05  | -0.03 | -0.04 | 0.06  | 0.14  | -0.20 | 0.07  | 0.32  | -0.11 | 0.00  | -0.07 | 0.09  | 1.00  |       |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Ni   | 0.24  | 0.19  | 0.19  | 0.06  | 0.31  | 0.20  | -0.04 | 0.14  | 0.36  | 0.82  | 0.43  | 0.39  | 0.21  | 0.09  | 0.35  | 0.17  | 0.29  | 0.06  | 0.56  | 0.50  | -0.02 | 1.00  |      |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| P  | 0.28  | 0.07  | 0.32  | 0.31  | 0.53  | 0.27  | 0.11  | 0.33  | 0.25  | 0.13  | 0.32  | 0.52  | 0.09  | 0.07  | 0.42  | 0.47  | 0.36  | 0.12  | 0.09  | 0.50  | 0.05  | 0.35  | 1.00 |       |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Pb   | 0.01  | 0.03  | 0.15  | 0.09  | 0.08  | -0.01 | 0.05  | 0.03  | 0.08  | 0.02  | 0.12  | 0.14  | 0.15  | 0.06  | 0.24  | 0.19  | 0.14  | 0.01  | 0.08  | 0.16  | 0.04  | 0.08  | 0.09 | 1.00  |       |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| S  | 0.18  | -0.31 | 0.50  | 0.35  | 0.23  | 0.00  | 0.22  | -0.07 | 0.04  | -0.01 | 0.06  | 0.23  | 0.31  | -0.19 | 0.26  | 0.55  | -0.17 | -0.15 | -0.12 | 0.27  | 0.69  | 0.02  | 0.11 | 0.12  | 1.00  |       |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Sb   | 0.26  | -0.15 | 0.43  | 0.18  | 0.33  | 0.15  | 0.08  | 0.06  | 0.30  | 0.05  | 0.22  | 0.45  | 0.04  | -0.09 | 0.42  | 0.29  | 0.07  | -0.07 | -0.07 | 0.74  | 0.10  | 0.32  | 0.38 | 0.17  | 0.28  | 1.00  |      |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Sc   | 0.16  | 0.40  | 0.15  | 0.18  | 0.23  | 0.14  | 0.08  | 0.04  | 0.15  | 0.35  | 0.47  | 0.43  | 0.49  | 0.24  | 0.23  | 0.26  | 0.42  | 0.03  | 0.42  | 0.12  | 0.02  | 0.50  | 0.21 | 0.13  | 0.08  | 0.07  | 1.00 |       |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Se   | 0.60  | -0.24 | 0.43  | 0.27  | 0.34  | 0.21  | 0.13  | -0.01 | 0.22  | 0.03  | 0.44  | 0.42  | 0.18  | -0.09 | 0.46  | 0.31  | -0.06 | -0.13 | -0.10 | 0.46  | 0.20  | 0.18  | 0.24 | 0.16  | 0.53  | 0.54  | 0.16 | 1.00  |       |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Sr   | 0.52  | -0.19 | 0.46  | 0.31  | 0.54  | 0.44  | 0.00  | 0.36  | 0.48  | 0.03  | 0.45  | 0.42  | 0.12  | -0.16 | 0.38  | 0.32  | 0.11  | 0.12  | -0.01 | 0.30  | 0.26  | 0.27  | 0.47 | 0.10  | 0.42  | 0.35  | 0.20 | 0.49  | 1.00  |       |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Te   | 0.22  | -0.14 | 0.46  | 0.56  | 0.21  | 0.07  | 0.40  | -0.06 | 0.07  | -0.01 | 0.16  | 0.40  | 0.37  | 0.01  | 0.34  | 0.36  | -0.06 | -0.15 | -0.09 | 0.38  | 0.17  | 0.10  | 0.23 | 0.14  | 0.48  | 0.40  | 0.13 | 0.49  | 0.30  | 1.00  |       |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Th   | -0.09 | 0.54  | 0.00  | 0.02  | -0.04 | -0.13 | 0.15  | -0.07 | -0.04 | 0.17  | 0.12  | 0.13  | 0.29  | 0.30  | -0.04 | 0.11  | 0.43  | 0.00  | 0.25  | -0.08 | -0.08 | 0.14  | 0.11 | 0.02  | -0.19 | -0.07 | 0.39 | -0.17 | -0.09 | -0.13 | 1.00  |       |      |      |      |      |      |  |  |  |  |  |  |  |
| Ti   | -0.05 | 0.36  | -0.10 | -0.01 | -0.09 | -0.07 | -0.16 | 0.01  | -0.06 | 0.02  | 0.16  | -0.11 | 0.01  | 0.37  | -0.10 | -0.19 | 0.31  | 0.10  | 0.14  | -0.09 | -0.11 | -0.01 | 0.03 | -0.09 | -0.24 | -0.11 | 0.08 | -0.16 | -0.12 | -0.15 | 0.29  | 1.00  |      |      |      |      |      |  |  |  |  |  |  |  |
| Tl   | 0.21  | -0.22 | 0.46  | 0.12  | 0.35  | 0.10  | 0.06  | 0.01  | 0.22  | 0.00  | 0.17  | 0.25  | 0.10  | -0.08 | 0.27  | 0.39  | -0.06 | -0.09 | -0.12 | 0.60  | 0.49  | 0.15  | 0.23 | 0.23  | 0.55  | 0.56  | 0.09 | 0.45  | 0.36  | 0.32  | -0.14 | -0.18 | 1.00 |      |      |      |      |  |  |  |  |  |  |  |
| U  | 0.41  | -0.05 | 0.31  | 0.22  | 0.49  | 0.26  | 0.04  | 0.34  | 0.29  | 0.18  | 0.40  | 0.58  | -0.06 | -0.02 | 0.53  | 0.31  | 0.23  | 0.16  | 0.06  | 0.65  | 0.03  | 0.44  | 0.75 | 0.07  | 0.12  | 0.51  | 0.21 | 0.39  | 0.39  | 0.25  | -0.01 | -0.01 | 0.31 | 1.00 |      |      |      |  |  |  |  |  |  |  |
| V  | 0.29  | -0.02 | 0.37  | 0.16  | 0.35  | 0.13  | 0.06  | 0.06  | 0.27  | 0.04  | 0.36  | 0.45  | 0.00  | 0.10  | 0.40  | 0.26  | 0.13  | -0.06 | -0.06 | 0.72  | -0.03 | 0.30  | 0.38 | 0.20  | 0.13  | 0.78  | 0.10 | 0.45  | 0.29  | 0.38  | -0.05 | 0.00  | 0.51 | 0.53 | 1.00 |      |      |  |  |  |  |  |  |  |
| W  | 0.53  | 0.02  | 0.20  | 0.14  | 0.32  | 0.21  | -0.01 | 0.13  | 0.39  | 0.00  | 0.48  | 0.25  | -0.07 | 0.09  | 0.34  | -0.06 | 0.17  | 0.01  | -0.04 | 0.43  | -0.08 | 0.23  | 0.27 | 0.05  | 0.02  | 0.41  | 0.05 | 0.39  | 0.40  | 0.20  | 0.03  | 0.27  | 0.25 | 0.40 | 0.52 | 1.00 |      |  |  |  |  |  |  |  |
| Zn   | 0.36  | 0.04  | 0.24  | 0.09  | 0.42  | 0.26  | -0.05 | 0.24  | 0.74  | 0.44  | 0.40  | 0.41  | 0.13  | -0.03 | 0.47  | 0.16  | 0.24  | 0.13  | 0.34  | 0.48  | 0.01  | 0.75  | 0.42 | 0.21  | 0.02  | 0.43  | 0.33 | 0.23  | 0.42  | 0.13  | 0.04  | -0.07 | 0.24 | 0.45 | 0.39 | 0.36 | 1.00 |  |  |  |  |  |  |  |

## **APPENDIX F**

Precision GeoSurveys Inc.  
Airborne Geophysical Survey Report

# Airborne Geophysical Survey Report



Precision  
GeoSurveys Inc.

## FACE Block

Prepared for:  
Radius Gold Inc.

December 2011  
Jenny Poon, B.Sc., GIT

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Introduction:

This report outlines the survey operations and data processing actions taken during the airborne geophysical survey flown at the FACE block, straddled on the Alaskan border and the Yukon Territory (Figure 1). The airborne geophysical survey was flown by Precision GeoSurveys Inc. for Radius Gold Inc. The geophysical survey, carried out between November 24, 2011 and November 26, 2011, saw the acquisition of high resolution magnetic data.

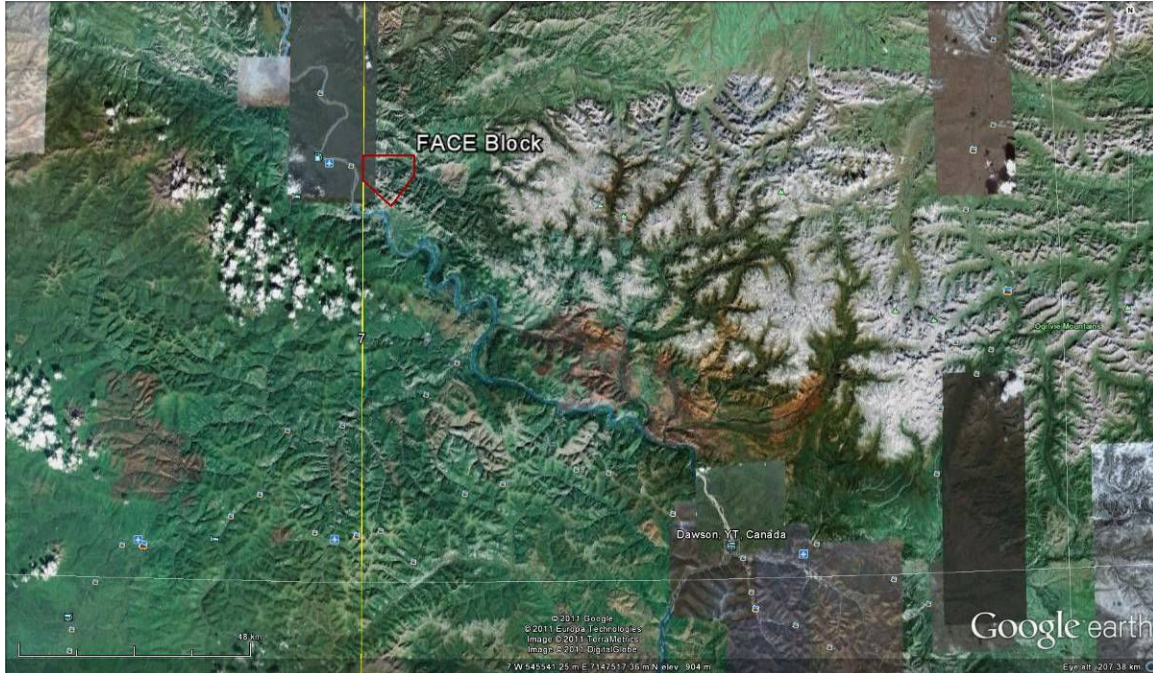


Figure 1: FACE block area location relative to Dawson, YT.

The FACE block is located approximately 102 kilometers north west of Dawson, YT and approximately 8 km east of Eagle, AK. The survey area of FACE block is approximately 11 km by 10.5 km (Figures 2 and 3). A total of 487 line kilometers of magnetic data were flown for this survey; this total includes tie lines and survey lines. The survey lines were flown at 200 meter spacings at a 000°/180° heading; the tie lines were flown at 1 km spacings at a heading of 090°/270° (Figure 4).

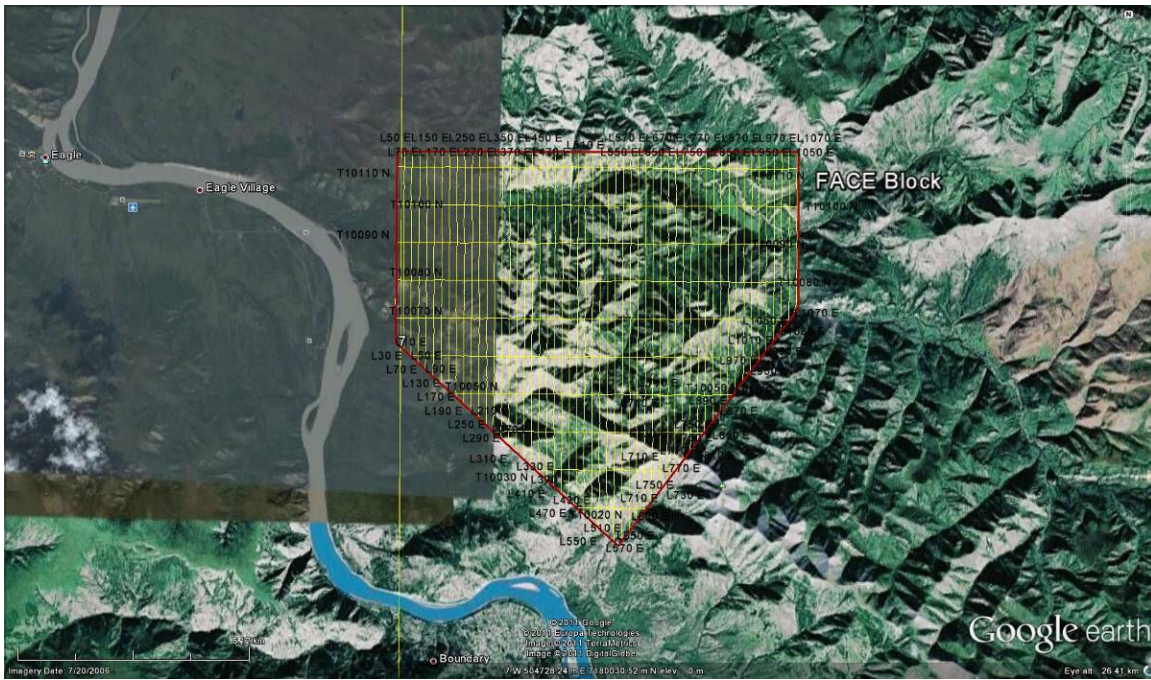


Figure 2: Plan View - FACE block with survey and tie lines outlined in yellow and the boundary in red.

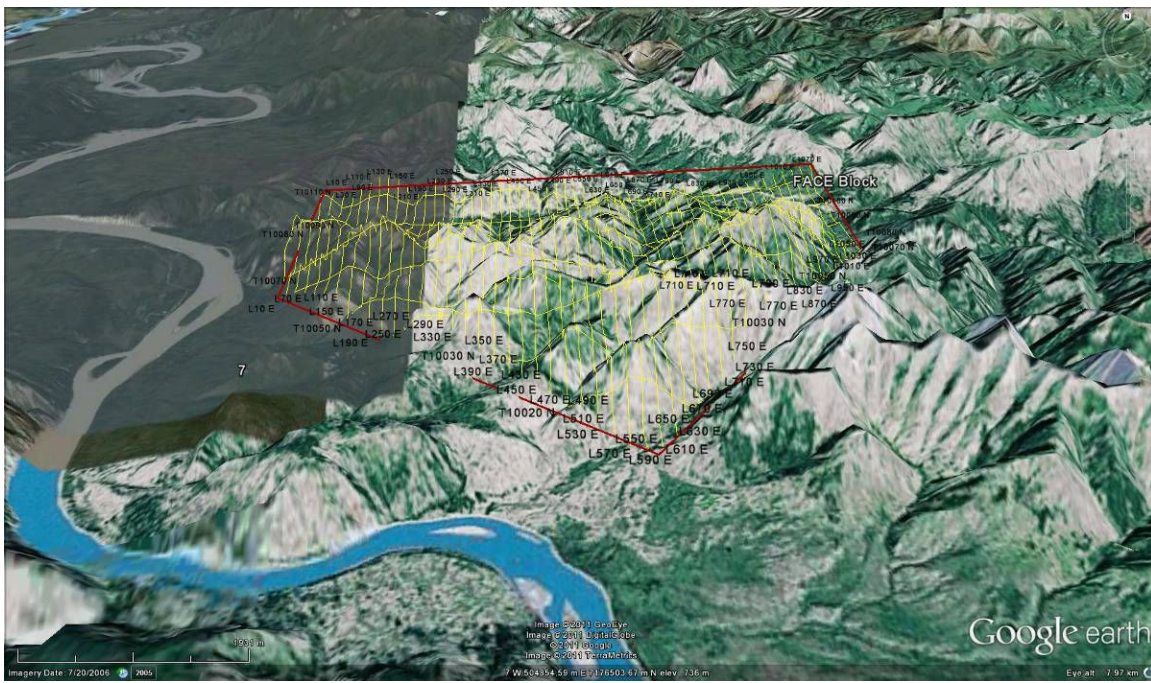


Figure 3: Terrain View - FACE block with survey and tie lines outlined in yellow and the boundary in red.

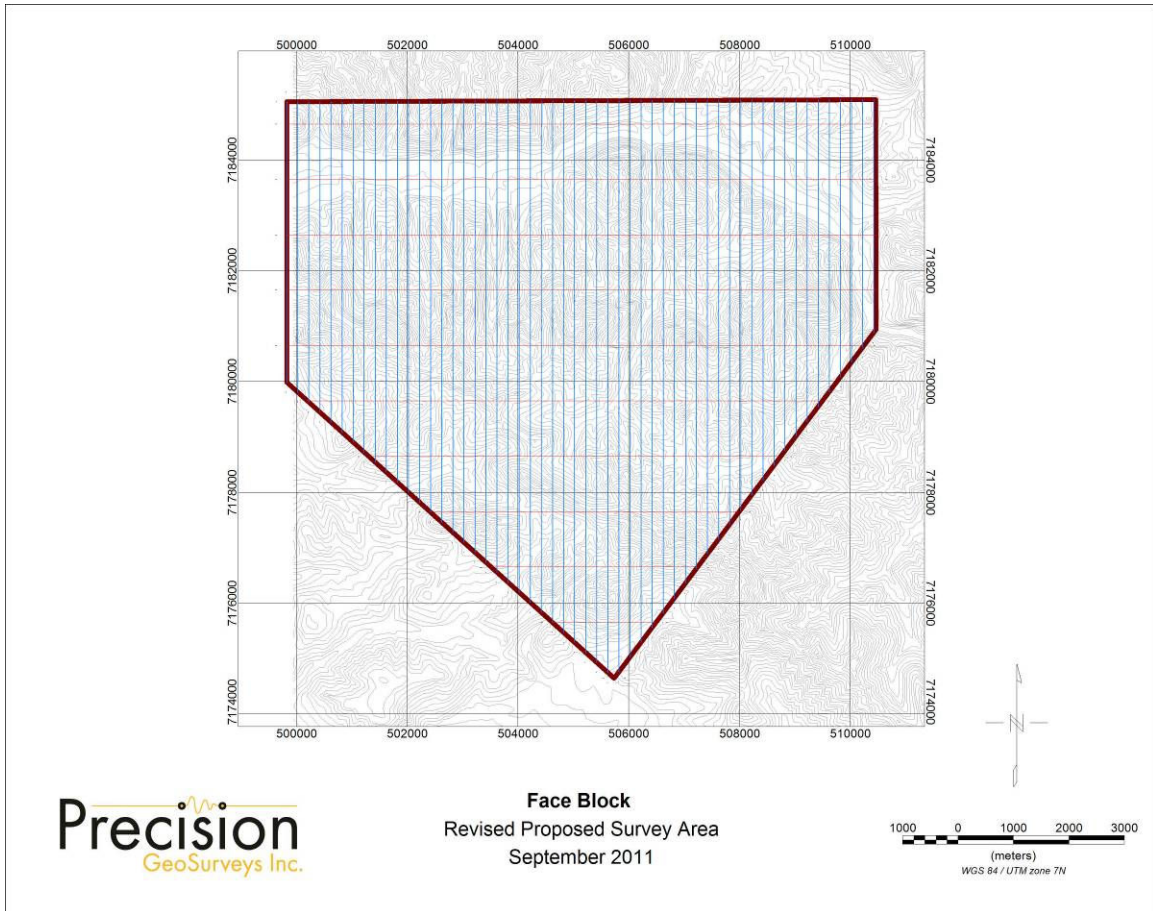


Figure 4: Proposed survey basemap of FACE block showing survey and tie lines and the boundary in red.

## Survey Specifications:

The geodetic system used for this survey is WGS 84 and the area is contained in zone 7N. The survey data acquisition specifications and coordinates for FACE block are specified as followed (Tables 1 and 2).

| Survey block | Line Spacing m | Survey Line km | Tie Line km | Total Line km | Survey Line Orientation | Nominal Survey Height m |
|--------------|----------------|----------------|-------------|---------------|-------------------------|-------------------------|
| FACE         | 100            | 406            | 81          | 487           | 000°/180°               | 35                      |
| Total        |                |                |             | 487           |                         |                         |

Table 1: FACE block survey acquisition specifications.

| Longitude   | Latitude    | Easting | Northing |
|-------------|-------------|---------|----------|
| 141.0038084 | 64.79001044 | 499819  | 7185052  |
| 141.0038020 | 64.74461565 | 499819  | 7179993  |
| 140.8797882 | 64.69660551 | 505733  | 7174648  |
| 140.7800659 | 64.75303093 | 510467  | 7180949  |
| 140.7799735 | 64.79021538 | 510457  | 7185093  |

Table 2: FACE block survey polygon coordinates using WGS 84 in zone 7N.

## 2.0 Geophysical Data:

Geophysical data are collected in a variety of ways and are used to aid in the exploration and determination of geology, mineral deposits, oil and gas deposits, contaminated land sites and UXO detection.

For the purposes of this survey, airborne magnetic data were collected to serve in the exploration of FACE block which contains rocks that are prospective for gold mineralization.

### 2.1 Magnetic Data:

Magnetic surveying is probably the most common airborne survey type to be conducted for both mineral and hydrocarbon exploration. The type of survey specifications, instrumentation, and interpretation procedures, depend on the objectives of the survey. Typically magnetic surveys are performed for:



1. Geological Mapping to aid in mapping lithology, structure and alteration in both hard rock environments and for mapping basement lithology, structure and alteration in sedimentary basins or for regional tectonic studies.
2. Depth to Basement mapping for exploration in sedimentary basins or mineralization associated with the basement surface.

### 3.0 Survey Operations:

Precision GeoSurveys flew the FACE block using a Bell 206 BIII Jet Ranger (Figure 5). The survey lines were flown at a nominal line spacing of two hundred (200) meters and the tie lines were flown at 1 km spacing for the magnetometer. The average survey elevation was 38 meters vertically above ground for the FACE block. The experience of the pilot helped to ensure that the data quality objectives were met and that the safety of the flight crew was never compromised given the potential risks involved in airborne surveying.



Figure 5: Bell 206 Jet Ranger equipped with mag stinger for magnetic data acquisition.

The base of operations for this survey was in Dawson, YT. The Precision crew consisted of three members:

Ola Vaage - Pilot  
Christina Larocque - Operator  
Shawn Walker - On-site Geophysicist

The survey was started on November 24, 2011 and completed November 26, 2011. The survey encountered several delays due to poor weather conditions and low cloud ceilings.

#### 4.0 Equipment:

For this survey, a magnetometer, base station, laser altimeter, and a data acquisition system were required to carry out the survey and collect quality, high resolution data. The survey magnetometer is carried in an approved “stinger” configuration to enhance flight safety and improve data quality in this mountainous terrain.

#### 4.1 AGIS:

The Airborne Geophysical Information System, AGIS, (Figure 6), is the main computer used in data recording, data synchronizing, displaying real-time QC data for the geophysical operator, and generation of navigation information for the pilot display system.



Figure 6: AGIS installed in the Bell 206.

The AGIS was manufactured by Pico Envirotec; therefore the system uses standardized Pico software and external sensors are connected to the system via RS-232 serial communication cables. The AGIS data format is easily converted into Geosoft or ASCII file formats by a supplied conversion program called PEIView. Additional Pico software allows for post real time magnetic compensation and survey quality control procedures.

### 4.3 Magnetometer:

The magnetometer used by Precision GeoSurveys is a Scintrex cesium vapor CS-3 magnetometer. The system was housed in a front mounted “stinger” (Figure 7). The CS-3 is a high sensitivity/low noise magnetometer with automatic hemisphere switching and a wide voltage range, the static noise rating for the unit is +/- 0.01 nT. On the AGIS screen the operator can view the raw magnetic response, the magnetic fourth difference and the survey altitude for immediate QC of the magnetic data. The magnetic data are recorded at 10 Hz. A magnetic compensator is also used to remove noise created by the movement of the helicopter as it pitches, rolls and yaws within the Earth’s geomagnetic field.



Figure 7: View of the mag stinger.

### 4.4 Base Station:

For monitoring and recording of the Earth’s diurnal magnetic field variation, Precision GeoSurveys uses two base stations: Scintrex proton precession Envi Pro magnetometer and GEM GSM-19T magnetometer. Both base stations are mounted as close to the survey block as possible to give accurate magnetic field data. The Envi Pro base station (Figure 8), uses the well proven precession technology to sample at a rate of 0.5 Hz. A GPS is integrated with the system to record real GPS time that is used to correlate with the GPS time collected by the airborne CS-3 magnetometer.



Figure 8: Scintrex Envi Pro proton precession magnetometer.

The GEM GSM-19T magnetometer (Figure 9) also uses the proton precession technology sampling at a rate of 0.5 Hz. The GSM-19T has an accuracy of +/- 0.2 nT at 1 Hz.



Figure 9: GEM GSM-19T proton precession magnetometer.

#### 4.5 Laser Altimeter:

The pilot is provided with terrain guidance and clearance with an Acuity AccuRange AR3000 laser altimeter (Figure 10). This is attached at the aft end of the magnetometer boom. The AR3000 sensor is a time-of-flight sensor that measures distance by a rapidly-modulated and collimated laser beam that creates a dot on the target surface. The maximum range of the laser altimeter is 300 m off of natural surfaces with 90%

reflectance and 3 km off special reflectors. Within the sensor unit, reflected signal light is collected by the lens and focused onto a photodiode. Through serial communications and analog outputs, the distance data are transmitted and collected by the AGIS at 10 Hz.



Figure 10: Acuity AccuRange AR3000 laser altimeter.

## 5.0 Data Processing:

After all the data are collected after a survey flight several procedures are undertaken to ensure that the data meet a high standard of quality. All data were processed using Pico Envirotec software and Geosoft Oasis Montaj geophysical processing software.

### 5.1 Magnetic Processing:

During aeromagnetic surveying noise is introduced to the magnetic data by the aircraft itself. Movement in the aircraft (roll, pitch and yaw) and the permanent magnetization of the aircraft parts (engine and other ferric objects) are large contributing factors to this noise. To remove this noise a process called magnetic compensation is implemented. The magnetic compensation process starts with a test flight at the beginning of the survey where the aircraft flies in the four orthogonal headings required for the survey (000°/180° and 090°/270° in the case of this survey) at an altitude where there is no ground effect in the magnetic data. In each heading, three specified roll, pitch, and yaw maneuvers are performed by the pilot; these maneuvers provide the data that are required to calculate the necessary parameters for compensating the magnetic data. A computer program called PEIComp is used to create a model for each survey to remove the noise induced by aircraft movement; this model is applied to each survey flight so the data can be further processed.

Followed by the compensation flight, a lag test is conducted. A lag correction of 1.0 seconds was applied to the total magnetic field data to compensate for the lag in the recording system as the magnetometer sensor flies 5.70 m ahead of the GPS antenna.

A magnetic base station is set up before every flight to ensure that diurnal activity is recorded during the survey flights. In this case, the base station was located south of the FACE block along the Yukon river. Base station readings were reviewed at regular intervals to ensure that no data were collected during periods with high diurnal activity (greater than 5 nT per minute). The base station was installed at a magnetically noise-free area, away from metallic items such as steel objects, vehicles, or power lines. The magnetic variations recorded from the stationary base station are removed from the magnetic data recorded in flight to ensure that the anomalies seen are real and not due to solar activity.

Filtering is applied to the laser altimeter data as to remove vegetation clutter and to show the actual ground clearance. To remove vegetation clutter a Rolling Statistic filter was applied to the laser altimeter data and a low pass filter was used to smooth out the laser altimeter profile to remove isolated noise. As a result, filtering the data will yield a more uniform surface in close conformance with the actual terrain.

Some filtering of the magnetic data is also required. A Non Linear filter was used for spike removal. The 1D Non-Linear Filter is ideal for removing very short wavelength, but high amplitude features from data. It is often thought of as a noise spike-rejection filter, but it can also be effective for removing short wavelength geological features, such as signals from surficial features. The 1D Non-Linear Filter is used to locate and remove data that are recognized as noise. The algorithm is 'non-linear' because it looks at each data point and decides if that datum is noise or a valid signal. If the point is noise, it is simply removed and replaced by an estimate based on surrounding data points. Parts of the data that are not considered noise are not modified. The combination of a Non-Linear filter for noise removal and a low pass trend enhancement filter resulted in level data as indicated in the results section of this report. The low pass filters simply smoothes out the magnetic profile to remove isolated noise.

### 5.3 Final Data Format

Abbreviations used in the GDB files are listed in the following table:

| <b>Channel</b> | <b>Units</b>   | <b>Description</b>                |
|----------------|----------------|-----------------------------------|
| <b>X</b>       | m              | UTM Easting - WGS84 Zone 7 North  |
| <b>Y</b>       | m              | UTM Northing - WGS84 Zone 7 North |
| <b>Galt</b>    | m              | GPS height - WGS84 Zone 7 North   |
| <b>DTM</b>     | m              | Digital Terrain Model             |
| <b>Lalt</b>    | m              | Laser Altimeter readings          |
| <b>GPStime</b> | Hours:min:secs | GPStime                           |
| <b>basemag</b> | nT             | Base station diurnal data         |
| <b>mag</b>     | nT             | Total Magnetic Intensity          |

Table 3: FACE block survey channel abbreviations.

The file format will be provided in two (2) formats, the first will be a .GDB file for use in Geosoft Oasis Montaj, the second format will be a .XYZ file, this is text file. A complete file provided in each format will contain only magnetic data.

**Appendix A**  
Equipment Specifications



**Scintrex Envi Pro Proton Magnetometer with Integrated GPS (Base Station)**

|                                      |   |
|--------------------------------------|---|
| <b>Total Field Operating Range</b>   | 23,000 to 100,000 nT (gamma)  |
| <b>Total Field Absolute Accuracy</b> | ±1 nT (gamma)   |
| <b>Sensitivity</b>                   | 0.1 nT (gamma) at 2 second sampling rate  |
| <b>Tuning/ Sampling</b>              | Fully solid state. Manual or automatic, keyboard selectable Cycling (Reading) Rates 0.5, 1, 2, or 3 seconds   |
| <b>Gradiometer Option</b>            | Includes a second sensor, 0.5m (20 inch) staff extender and processor module  |
| <b>Gradient Tolerance</b>            | > 7000 nT (gamma)/m   |
| <b>'Walking' Mode</b>                | Continuous reading, cycling as fast as 0.5 seconds  |
| <b>Supplied GPS Accuracy</b>         | +/- 1m (Autonomous), < 1m WAAS<br>Connects to most external GPS receivers with NMEA & PPS output  |
| <b>Standard Memory</b>               | Total Field Measurements: 84,000 readings<br>Gradiometer Measurements: 67,000 readings<br>Base Station Measurements: 500,000 readings   |
| <b>Real-Time Clock</b>               | 1 second resolution, ± 1 second stability over 24 hours or GPS time   |
| <b>Digital Data Output</b>           | RS-232C, USB Adapter  |
| <b>Power Supply</b>                  | Rechargeable, 2.9 Ah, lead-acid dry cell battery 12 Volts<br>External 12 Volt input for base station operations   |
| <b>Operating Temperature</b>         | 40°C to +60°C (-40°F to 140°F)  |
| <b>Kodiaknsions and Weight</b>       | Console: 250mm x 152mm x 55mm (10" x 6" x 2.25")<br>2.45 kg (5.4 lbs) with rechargeable battery<br>Magnetic 70mm d x 175mm (2.75"d x 7")<br>Sensor: 1 kg (2.2 lbs)<br>Gradiometer 70mm d x 675mm (2.75"d x 26.5")<br>Sensor: (with staff extender) 1.15 kg (2.5 lbs)<br>Sensor Staff: 25mm d x 2m (1"d x 76") 0.8 kg (1.75 lbs) |

**GEM GSM-19T Proton Precession Magnetometer (Base Station)**

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Configuration Options</b>    | 15                    |
| <b>Cycle Time</b>               | 999 to 0.5 sec        |
| <b>Environmental</b>            | -40 to +60 ° Celsius  |
| <b>Gradient Tolerance</b>       | 7,000 nT/m            |
| <b>Magnetic Readings</b>        | 299,593               |
| <b>Operating Range</b>          | 10, 000 to 120,000 nT |
| <b>Power</b>                    | 12 V @ 0.62 A         |
| <b>Sensitivity</b>              | 0.1 nT @ 1 sec        |
| <b>Weight (Console/ Sensor)</b> | 3.2 Kg                |
| <b>Integrated GPS</b>           | Yes                   |

**Scintrex CS-3 Survey Magnetometer**

|  |  |
|--|--|
| <b>Operating Principal</b>                 | Self-oscillation split-beam Cesium Vapor (non-radioactive Cs-133)  |
| <b>Operating Range</b>                     | 15,000 to 105,000 nT   |
| <b>Gradient Tolerance</b>                  | 40,000 nT/metre  |
| <b>Operating Zones</b>                     | 10° to 85° and 95° to 170°   |
| <b>Hemisphere Switching</b>                | a) Automatic<br>b) Electronic control actuated by the control voltage levels (TTL/CMOS)<br>c) Manual   |
| <b>Sensitivity</b>                         | 0.0006 nT $\sqrt{\text{Hz}}$ rms.  |
| <b>Noise Envelope</b>                      | Typically 0.002 nT P-P, 0.1 to 1 Hz bandwidth  |
| <b>Heading Error</b>                       | +/- 0.25 nT (inside the optical axis to the field direction angle range 15° to 75° and 105° to 165°)   |
| <b>Absolute Accuracy</b>                   | <2.5 nT throughout range   |
| <b>Output</b>                              | a) continuous signal at the Larmor frequency which is proportional to the magnetic field (proportionality constant 3.49857 Hz/nT) sine wave<br>signal amplitude modulated on the power supply voltage<br>b) square wave signal at the I/O connector, TTL/CMOS compatible |
| <b>Information Bandwidth</b>               | Only limited by the magnetometer processor used  |
| <b>Sensor Head</b>                         | Diameter: 63 mm (2.5")<br>Length: 160 mm (6.3")<br>Weight: 1.15 kg (2.6 lb)  |
| <b>Sensor Electronics</b>                  | Diameter: 63 mm (2.5")<br>Length: 350 mm (13.8")<br>Weight: 1.5 kg (3.3 lb)  |
| <b>Cable, Sensor to Sensor Electronics</b> | 3m (9' 8"), lengths up to 5m (16' 4") available  |
| <b>Operating Temperature</b>               | -40°C to +50°C   |
| <b>Humidity</b>                            | Up to 100%, splash proof   |
| <b>Supply Power</b>                        | 24 to 35 Volts DC  |
| <b>Supply Current</b>                      | Approx. 1.5A at start up, decreasing to 0.5A at 20°C   |
| <b>Power Up Time</b>                       | Less than 15 minutes at -30°C  |

**Pico Envirotec AGIS data recorder system**

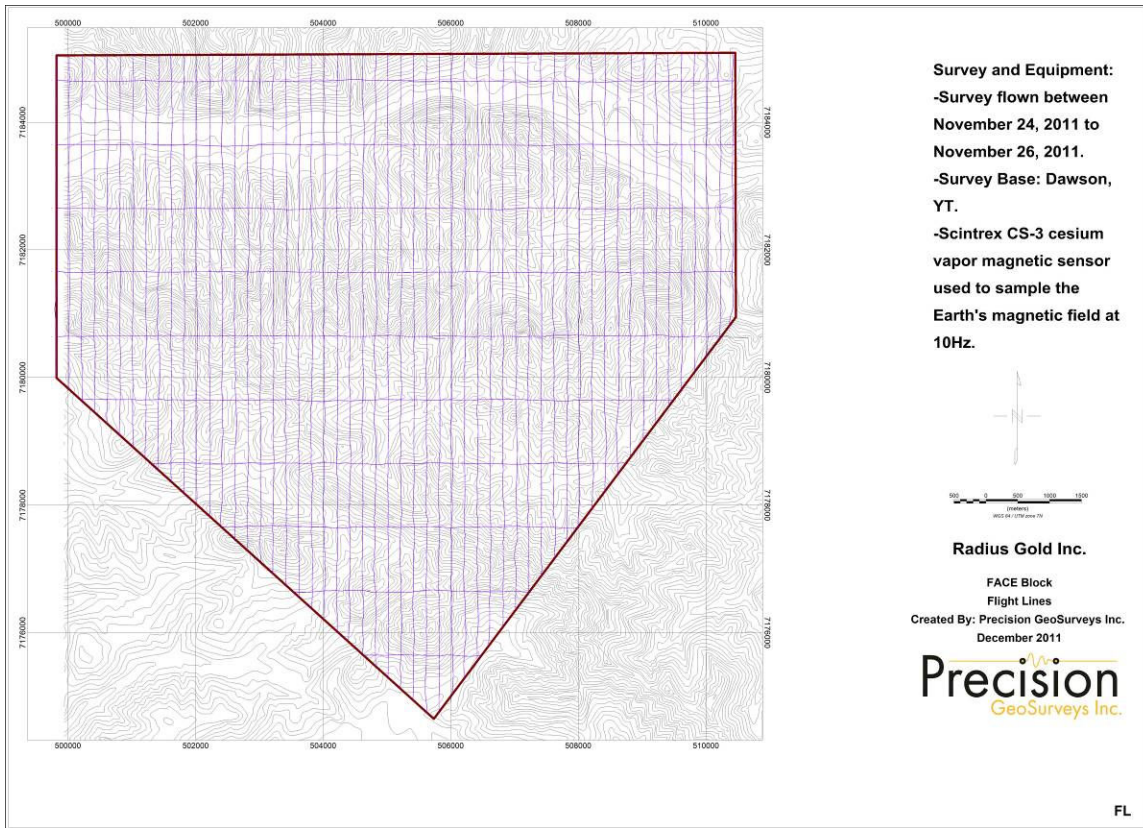
(for Navigation, Gamma spectrometer, VLF-EM and Magnetometer Data Acquisition)

|                             |   |
|-----------------------------|---|
| <b>Functions</b>            | Airborne Geophysical Information System (AGIS) with integrated Global Positioning System Receiver (GPS) and all necessary navigation guidance software. Inputs for geophysical sensors - portable gamma ray spectrometer GRS-10, MMS4 Magnetometer, Totem 2A EM, A/D converter, temperature probe, humidity probe, FACEometric pressure probe, and laser altimeter. Output for the 2 line Pilot Indicator |
| <b>Display</b>              | Touch screen with display of 800 x 600 pixels; customized keypad and operator keyboard. Multi-screen options for real-time viewing of all data inputs, fiducial points, flight line tracking, and GPS channels by operator.   |
| <b>GPS Navigation</b>       | Garmin 12-channel, WAAS-enabled   |
| <b>Data Sampling</b>        | Sensor dependent  |
| <b>Data Synchronization</b> | Synchronized to GPS position  |
| <b>Data File</b>            | PEI Binary data format  |
| <b>Storage</b>              | 80 GB   |
| <b>Supplied Software</b>    | <b>PEIView:</b> Allows fast data Quality Control (QC)<br><b>Data Format:</b> Geosoft GBN and ASCII output<br><b>PEIConv:</b> For survey preparation and survey plot after data acquisition  |
| <b>Software</b>             | <b>Calibration:</b> High voltage adjustment, linearity correction coefficients calculation, and communication test support<br><b>Real Time Data Collection:</b> Automatic Gain real time control on natural isotopes and PC based test and calibration software suite   |
| <b>Power Requirements</b>   | 24 to 32 VDC  |
| <b>Temperature</b>          | Operating:-10 to +55 deg C; storage:-20 to +70 deg C  |

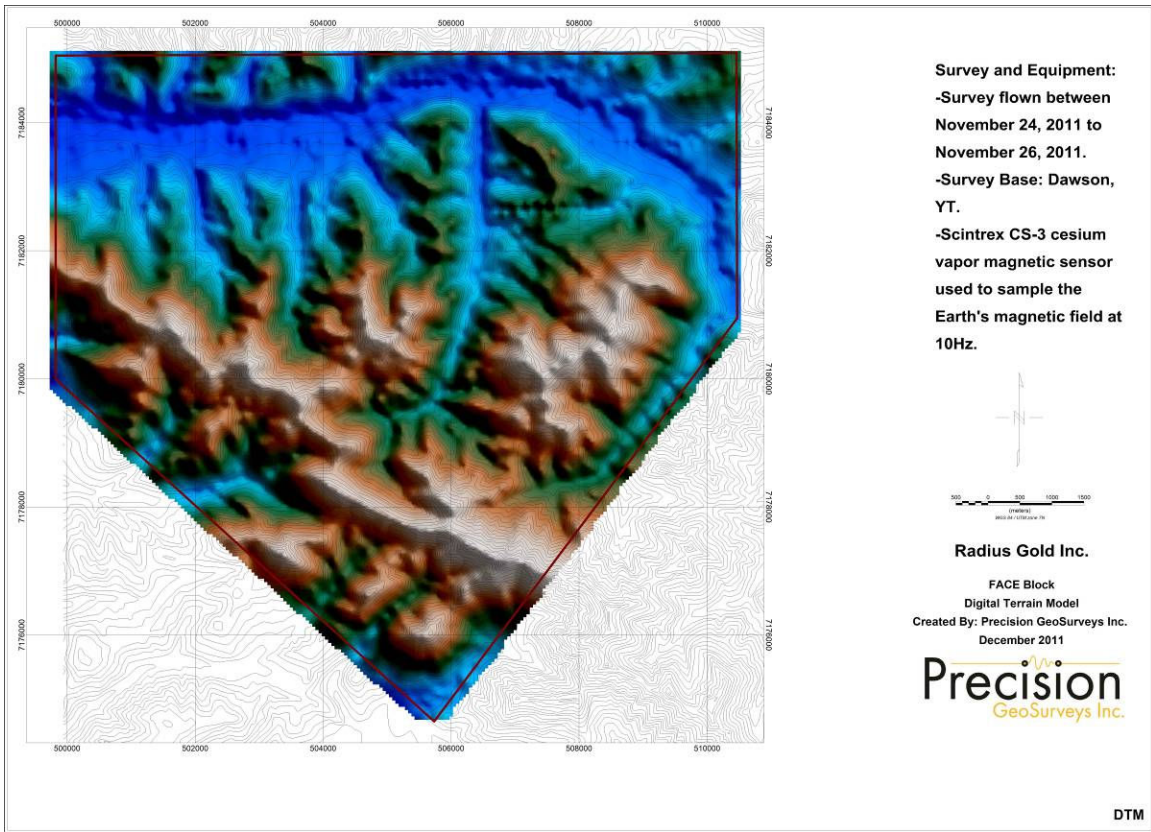
**Pico Envirotec GRS-10 Gamma Spectrometer**

|                                   |  |
|-----------------------------------|--|
| <b>Crystal volume</b>             | 2 x 4.2 litres (total 8.4 liters)  |
| <b>Resolution</b>                 | 256/512 channels   |
| <b>Tuning</b>                     | Automatic using peak determination algorithm   |
| <b>Detector</b>                   | Digital Peak   |
| <b>Calibration</b>                | Fully automated detector   |
| <b>Real Time</b>                  | Linearization and gain stabilization   |
| <b>Communication</b>              | RS232  |
| <b>Detectors</b>                  | Expandable to 10 detectors and digital peak  |
| <b>Count Rate</b>                 | Up to 60,000 cps per detector  |
| <b>Count Capacity per channel</b> | 65545  |
| <b>Energy detection range:</b>    | 36 KeV to 3 MeV  |
| <b>Cosmic channel</b>             | Above 3 MeV  |
| <b>Upward Shielding</b>           | RayShield® non-radioactive shielding   |
| <b>Spectra</b>                    | Collected spectra of 256/512 channels, internal spectrum resolution 1024   |
| <b>Software</b>                   | <b>Calibration:</b> High voltage adjustment, linearity correction coefficients calculation, and communication test support<br><b>Real Time Data Collection:</b> Automatic Gain real time control on natural isotopes, and PC based test and calibration software suite |
| <b>Sensor</b>                     | Each box containing two (2) gamma detection NaI(Tl) crystals – each 4.2 liters. (256 cu in.) (approx. 100 x 100 x 650 mm) Total volume of approx 8.4 litres or 512 cu in with detector electronics   |
| <b>Spectra Stabilization</b>      | Real time automatic corrections on radio nuclei: Th, Ur, K. No implanted sources.  |

**Appendix B**  
Maps

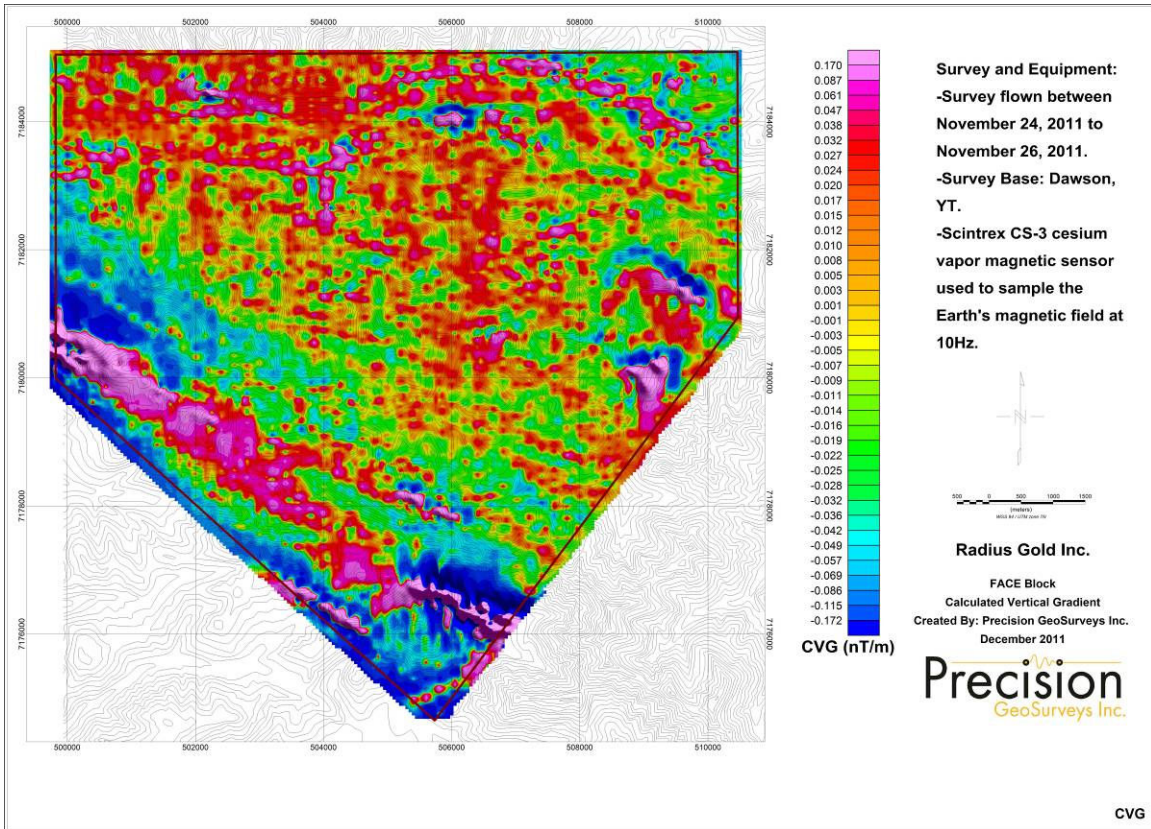


Map 1: FACE block flight path.

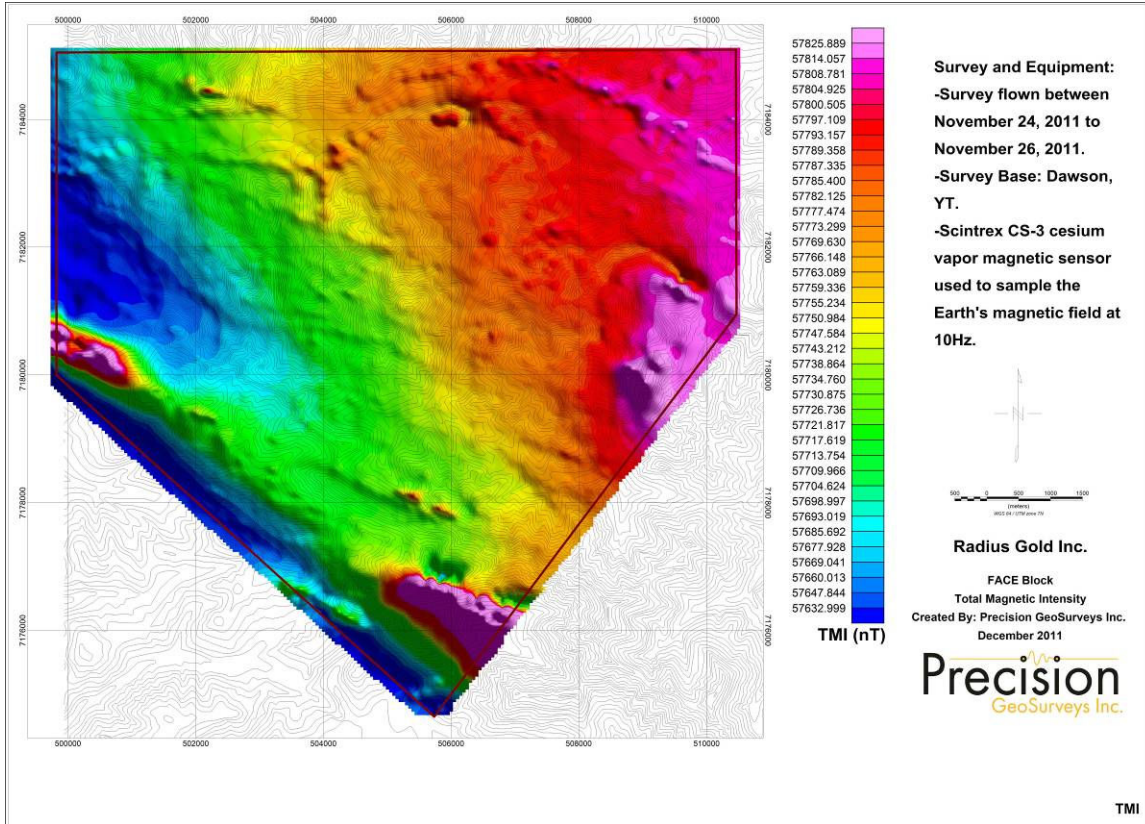


Map 2: FACE block digital terrain model.

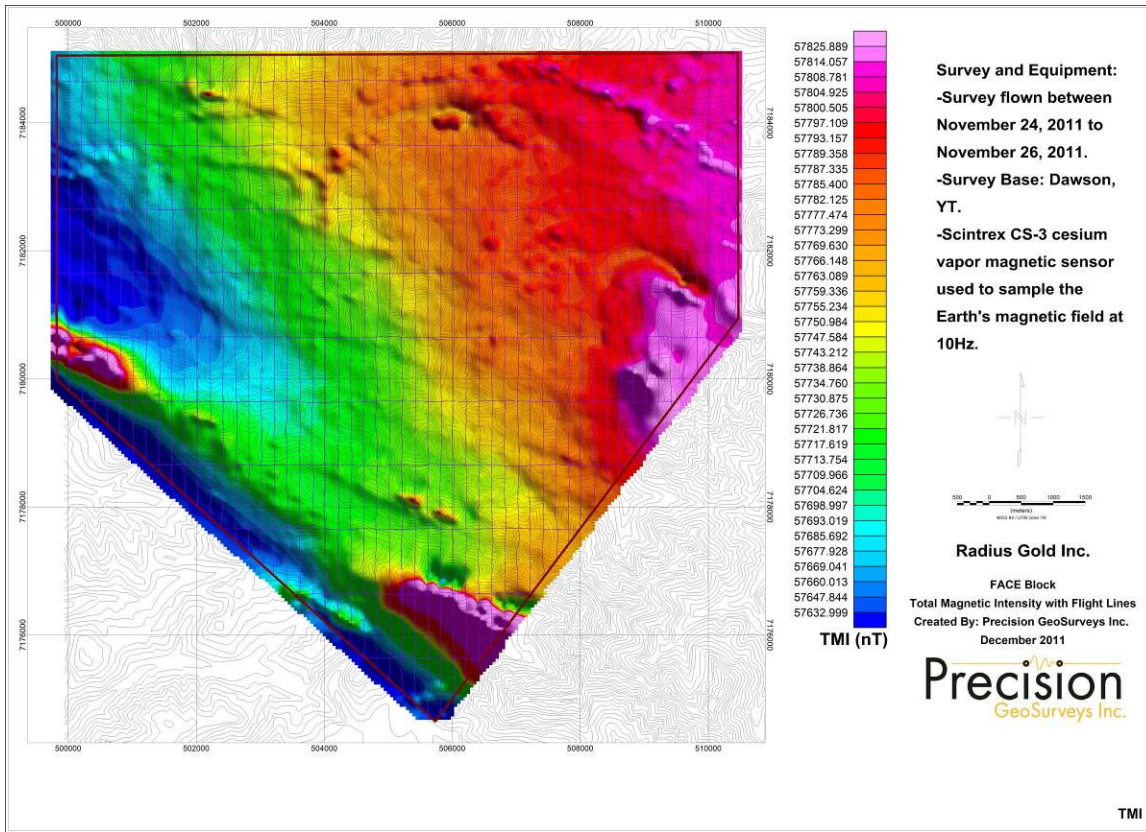




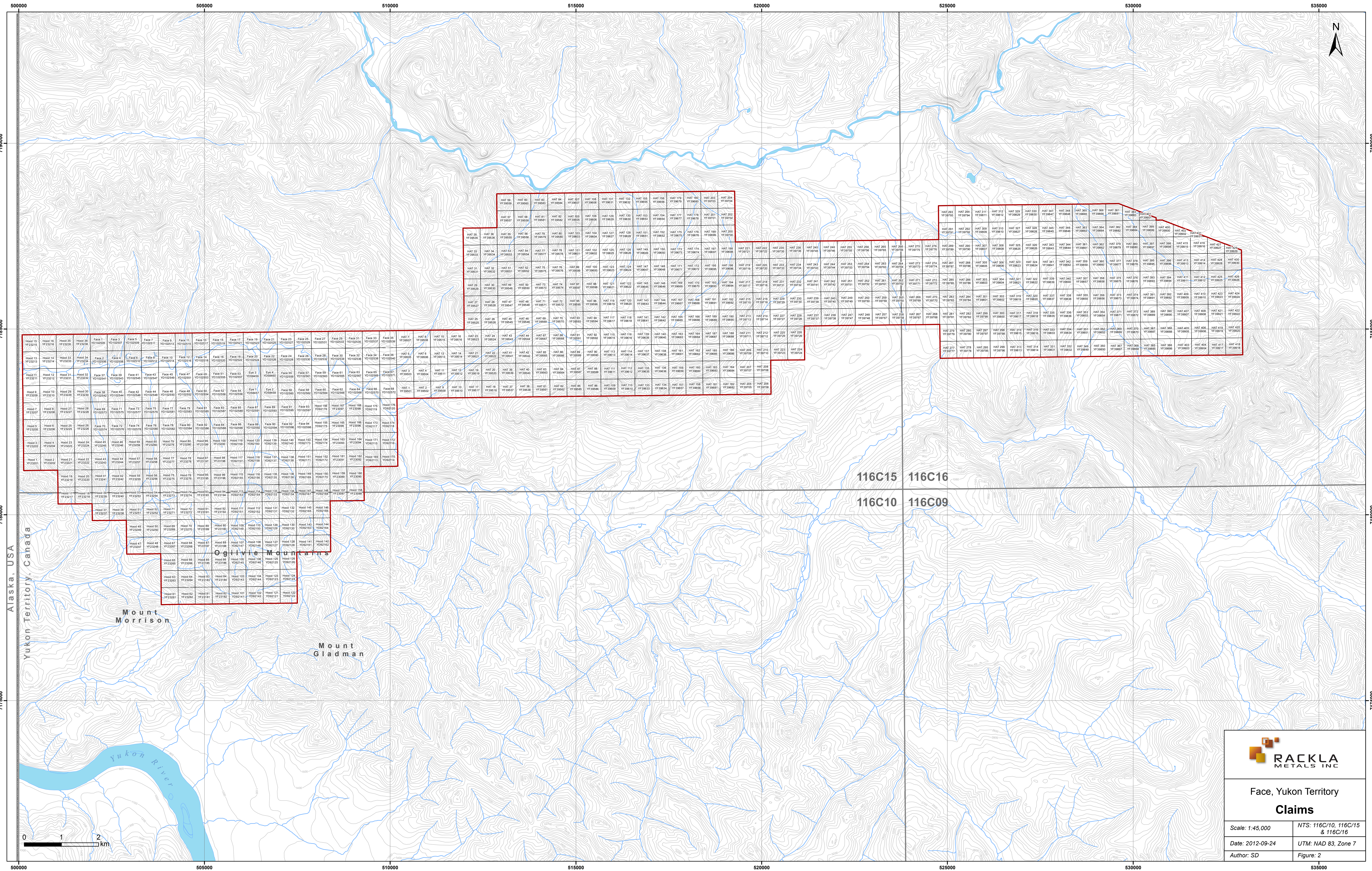
Map 3: FACE block calculated vertical gradient.



Map 4: FACE block total magnetic intensity.



Map 5: FACE block total magnetic intensity with plotted flight lines.

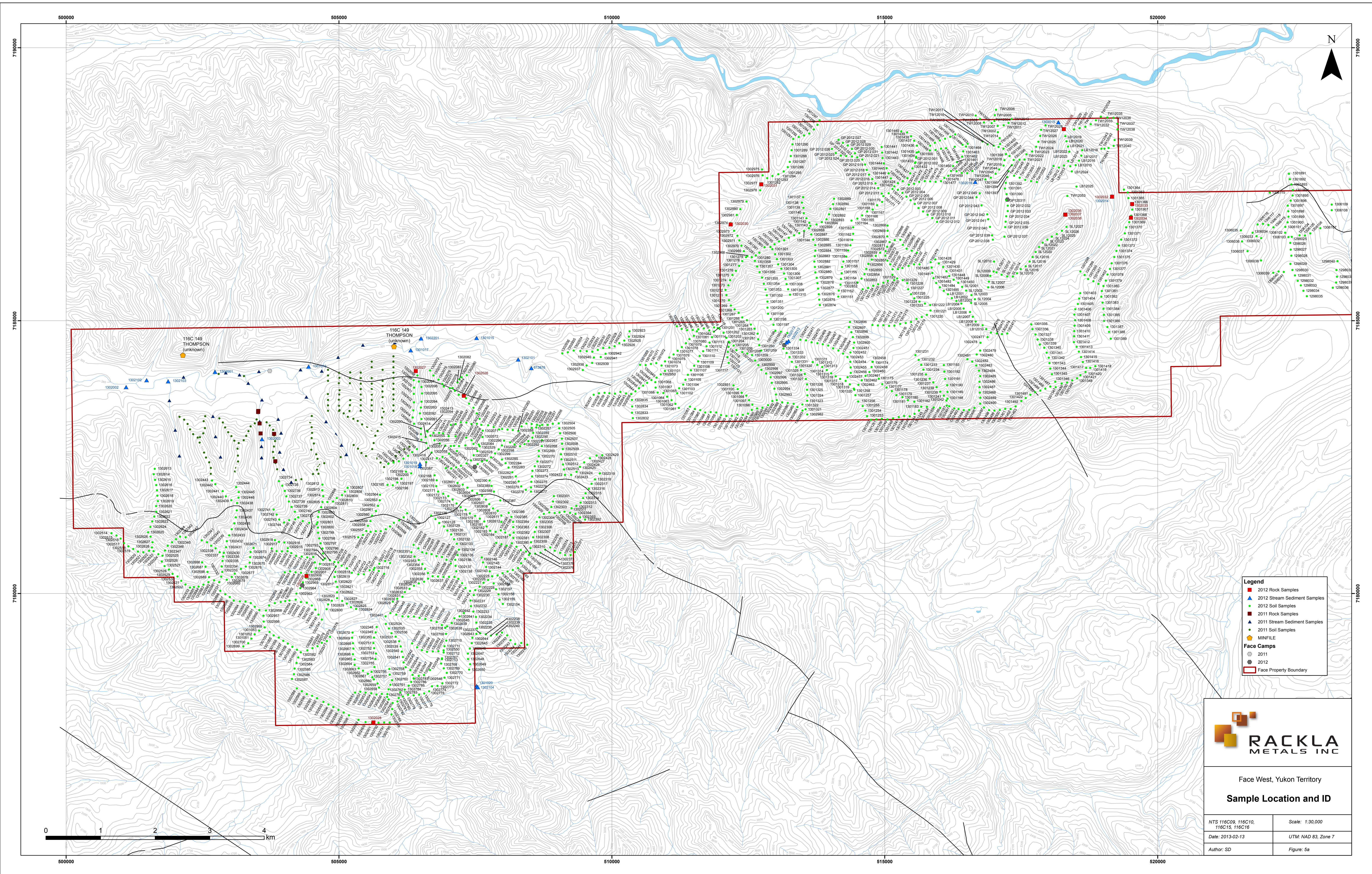


116C15 116C16  
116C10 116C09



Face, Yukon Territory  
**Claims**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:45,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2012-09-24 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 2                       |

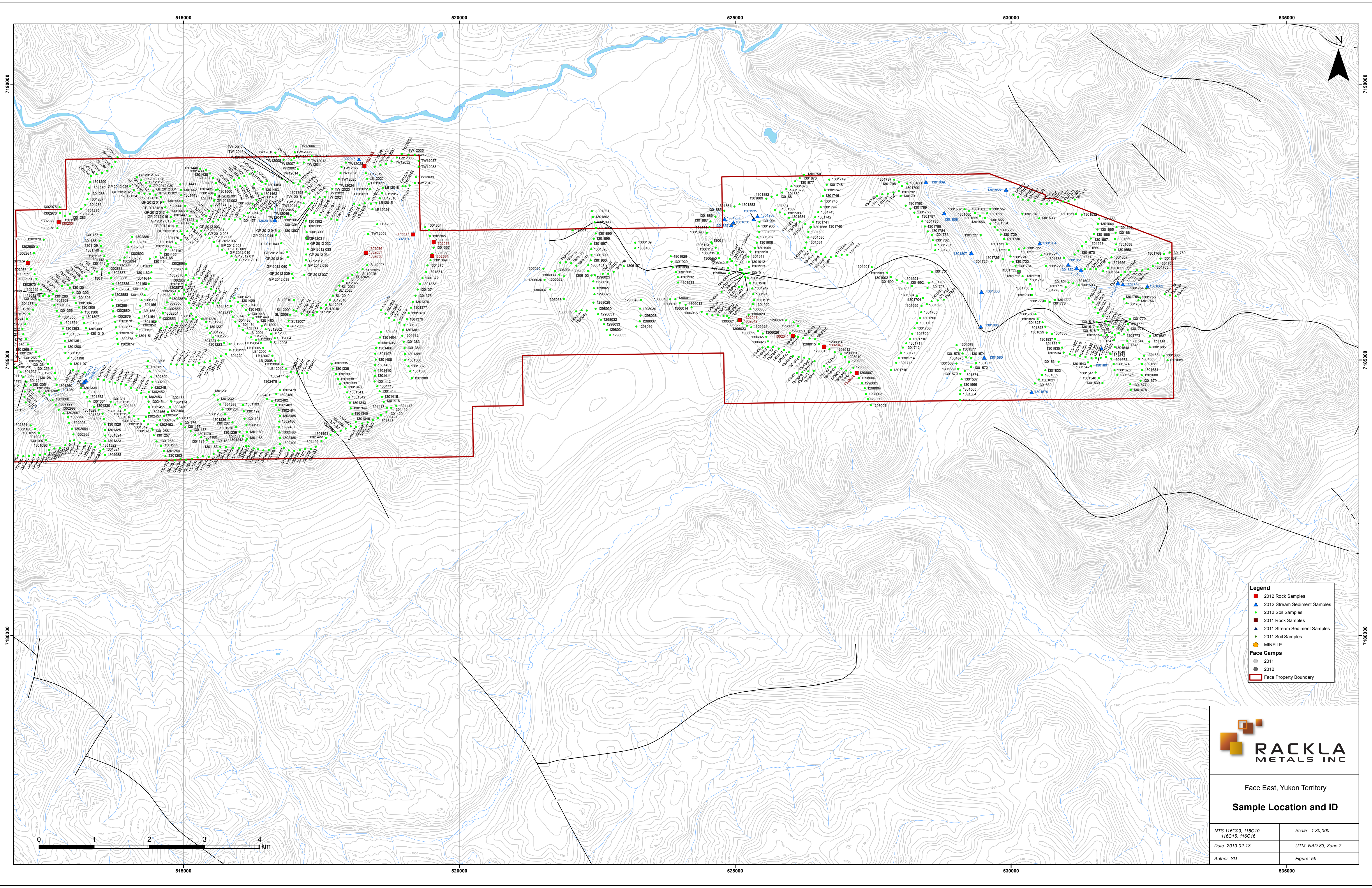


- Legend**
- 2012 Rock Samples
  - ▲ 2012 Stream Sediment Samples
  - 2012 Soil Samples
  - 2011 Rock Samples
  - ▲ 2011 Stream Sediment Samples
  - 2011 Soil Samples
  - MINFILE
- Face Camps**
- 2011
  - 2012
- Face Property Boundary



Face West, Yukon Territory  
**Sample Location and ID**

|                                       |                     |
|---------------------------------------|---------------------|
| NTS 116C09, 116C10,<br>116C15, 116C16 | Scale: 1:30,000     |
| Date: 2013-02-13                      | UTM: NAD 83, Zone 7 |
| Author: SD                            | Figure: 5a          |




**Legend**

- 2012 Rock Samples
- ▲ 2012 Stream Sediment Samples
- 2012 Soil Samples
- 2011 Rock Samples
- ▲ 2011 Stream Sediment Samples
- 2011 Soil Samples
- MINFILE

**Face Camps**

- 2011
- 2012

□ Face Property Boundary

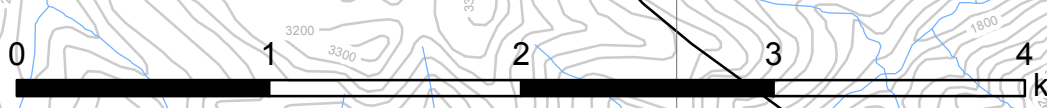


**RACKLA METALS INC**

Face East, Yukon Territory

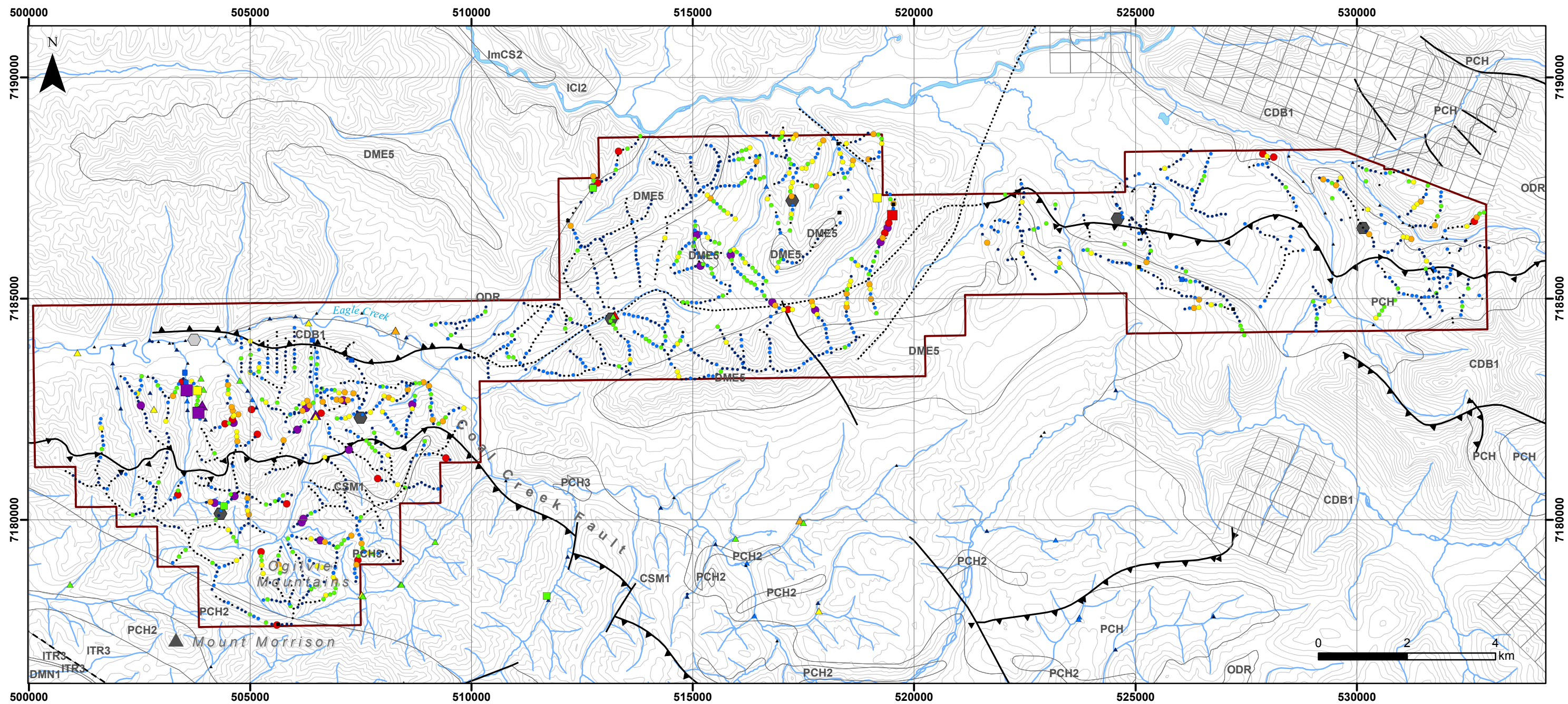
**Sample Location and ID**

|                                    |                     |
|------------------------------------|---------------------|
| NTS 116C09, 116C10, 116C15, 116C16 | Scale: 1:30,000     |
| Date: 2013-02-13                   | UTM: NAD 83, Zone 7 |
| Author: SD                         | Figure: 5b          |




515000 520000 525000 530000 535000

718000 719000



**Legend**

|   |  |  |   |   |   |
|---|--|--|---|---|---|
| <p><b>Rocks</b></p> <p><b>Au (ppb)</b></p> <ul style="list-style-type: none"> <li>■ 0.1 [0-30%]</li> <li>■ 0.2 - 1.0 [30-60%]</li> <li>■ 1.1 - 1.6 [60-80%]</li> <li>■ 1.7 - 3.2 [80-90%]</li> <li>■ 3.3 - 3.9 [90-95%]</li> <li>■ 4.0 - 5.0 [95-100%]</li> </ul> | <p><b>Stream Sediments</b></p> <p><b>Au (ppb)</b></p> <ul style="list-style-type: none"> <li>▲ 1 - 3 [0-30%]</li> <li>▲ 4 - 5 [30-60%]</li> <li>▲ 6 - 7 [60-80%]</li> <li>▲ 8 - 14 [80-90%]</li> <li>▲ 15 - 20 [90-95%]</li> <li>▲ 21 - 25 [95-98%]</li> <li>▲ 26 - 38 [98-99%]</li> <li>▲ 39 - 146 [99-100%]</li> </ul> | <p><b>Soils</b></p> <p><b>Au (ppb)</b></p> <ul style="list-style-type: none"> <li>● 0.0 - 1.4 [0-30%]</li> <li>● 1.5 - 2.8 [30-60%]</li> <li>● 2.9 - 4.2 [60-80%]</li> <li>● 4.3 - 6.4 [80-90%]</li> <li>● 6.5 - 10.0 [90-95%]</li> <li>● 10.1 - 18.2 [95-98%]</li> <li>● 18.3 - 25.7 [98-99%]</li> <li>● 25.8 - 79.4 [99-100%]</li> </ul> | <ul style="list-style-type: none"> <li>..... Faults, interpreted, 2012</li> <li>— Fault, defined, movement undefined</li> <li>— Fault, defined, normal/reverse</li> <li>▲▲ Fault, defined, thrust, upright</li> <li>- - - - Fault, assumed, dextral</li> <li>□ Geology</li> </ul> | <ul style="list-style-type: none"> <li>□ Face Property Boundary</li> <li>□ Claims Held By Others</li> <li><b>Face Camp Locations</b></li> <li>○ 2011</li> <li>● 2012</li> </ul> | <ul style="list-style-type: none"> <li>— Creeks</li> <li>— Contours</li> <li>■ Rivers, Lakes</li> </ul> |
|---|--|--|---|---|---|

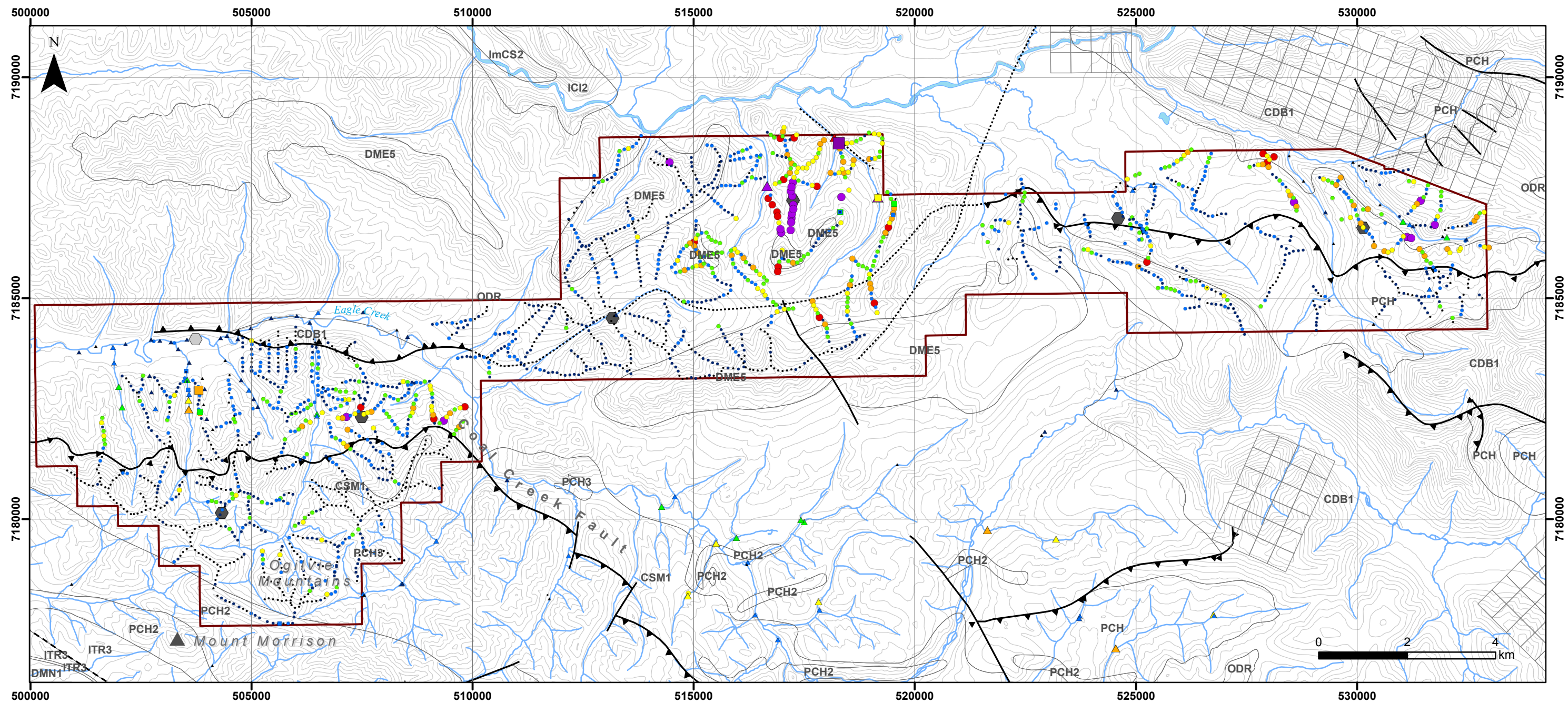


**RACKLA**  
METALS INC.


Face, Yukon Territory

**Au Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 6                       |



| Legend                  |                         |                          |                                      |                            |
|-------------------------|-------------------------|--------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>            | <b>Stream Sediments</b> | <b>Soils</b>             | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Ag (ppb)</b>         | <b>Ag (ppb)</b>         | <b>Ag (ppb)</b>          | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| • 10 - 28 [0-30%]       | ▲ 0 - 285 [0-30%]       | • 0 - 131 [0-30%]        | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| • 29 - 82 [30-60%]      | ▲ 286 - 450 [30-60%]    | • 132 - 341 [30-60%]     | — Fault, defined, thrust, upright    | ◉ 2011                     |
| ■ 83 - 198 [60-80%]     | ▲ 451 - 615 [60-80%]    | • 342 - 811 [60-80%]     | --- Fault, assumed, dextral          | ◉ 2012                     |
| ■ 199 - 418 [80-90%]    | ▲ 616 - 834 [80-90%]    | • 812 - 1751 [80-90%]    | ▭ Geology                            | — Creeks                   |
| ■ 419 - 447 [90-95%]    | ▲ 835 - 1093 [90-95%]   | • 1752 - 2848 [90-95%]   |                                      | — Contours                 |
| ■ 448 - 1114 [95-98%]   | ▲ 1094 - 1739 [95-98%]  | • 2849 - 5065 [95-98%]   |                                      | ■ Rivers, Lakes            |
| ■ 1115 - 1475 [98-99%]  | ▲ 1740 - 2389 [98-99%]  | • 5066 - 8637 [98-99%]   |                                      |                            |
| ■ 1476 - 1835 [99-100%] | ▲ 2390 - 8675 [99-100%] | • 8638 - 69789 [99-100%] |                                      |                            |



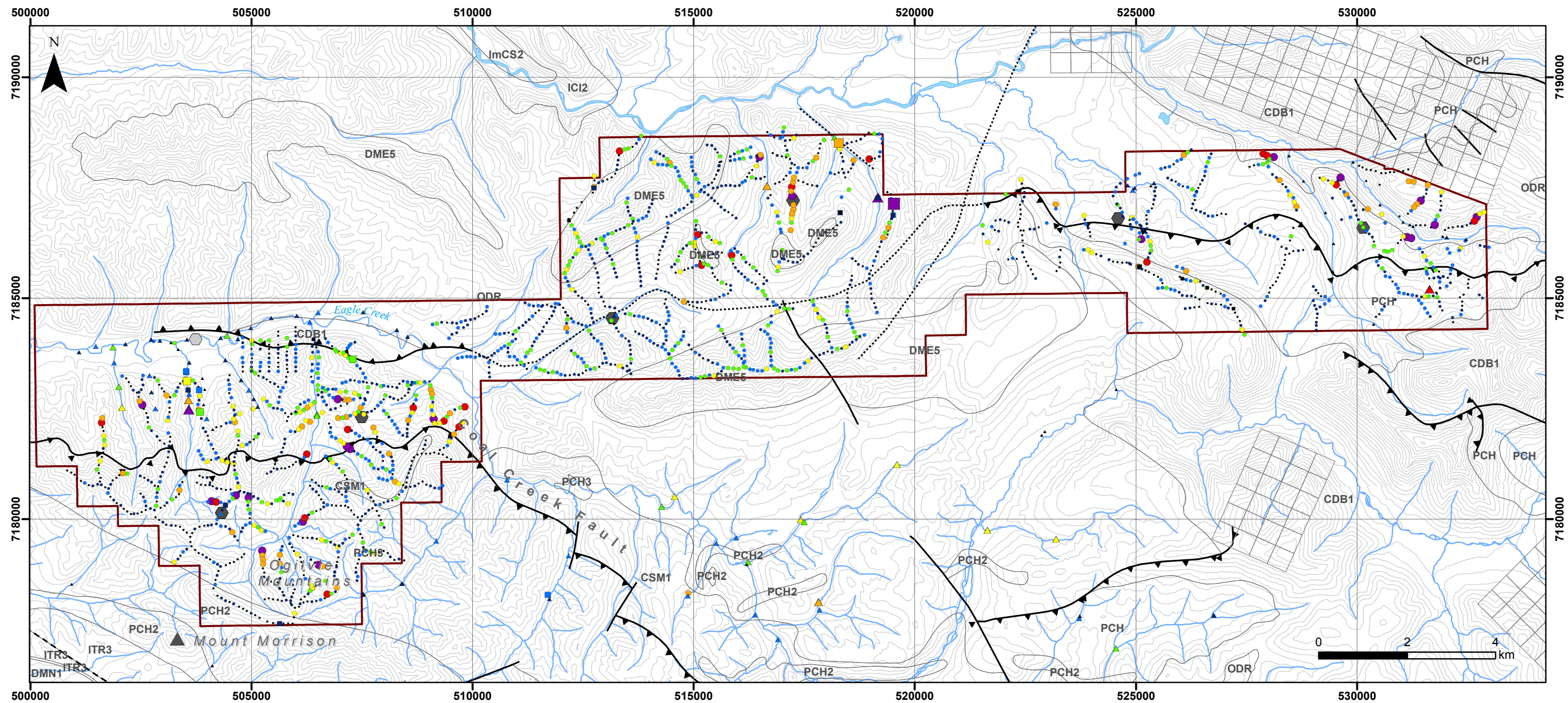
**RACKLA**  
METALS INC.

Face, Yukon Territory


**Ag Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 7                       |





| Legend                      |                             |                             |                                      |                            |
|-----------------------------|-----------------------------|-----------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>                | <b>Stream Sediments</b>     | <b>Soils</b>                | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Cu (ppm)</b>             | <b>Cu (ppm)</b>             | <b>Cu (ppm)</b>             | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 0.85 - 3.06 [0-30%]       | ▲ 0.00 - 36.30 [0-30%]      | • 0.00 - 22.00 [0-30%]      | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 3.07 - 11.76 [30-60%]     | ▲ 36.31 - 48.22 [30-60%]    | • 22.01 - 33.59 [30-60%]    | — Fault, defined, thrust, upright    | ◻ 2011                     |
| ■ 11.77 - 22.86 [60-80%]    | ▲ 48.23 - 65.18 [60-80%]    | • 33.60 - 47.71 [60-80%]    | - - - Fault, assumed, dextral        | ◻ 2012                     |
| ■ 22.87 - 25.51 [80-90%]    | ▲ 65.19 - 80.10 [80-90%]    | • 47.72 - 67.85 [80-90%]    | ▭ Geology                            | — Creeks                   |
| ■ 25.52 - 47.69 [90-95%]    | ▲ 80.11 - 87.37 [90-95%]    | • 67.86 - 99.03 [90-95%]    |                                      | — Contours                 |
| ■ 47.70 - 171.49 [95-98%]   | ▲ 87.38 - 99.23 [95-98%]    | • 99.04 - 172.81 [95-98%]   |                                      | ■ Rivers, Lakes            |
| ■ 171.50 - 237.59 [98-99%]  | ▲ 99.24 - 109.18 [98-99%]   | • 172.82 - 247.14 [98-99%]  |                                      |                            |
| ■ 237.60 - 303.68 [99-100%] | ▲ 109.19 - 124.54 [99-100%] | • 247.15 - 765.55 [99-100%] |                                      |                            |



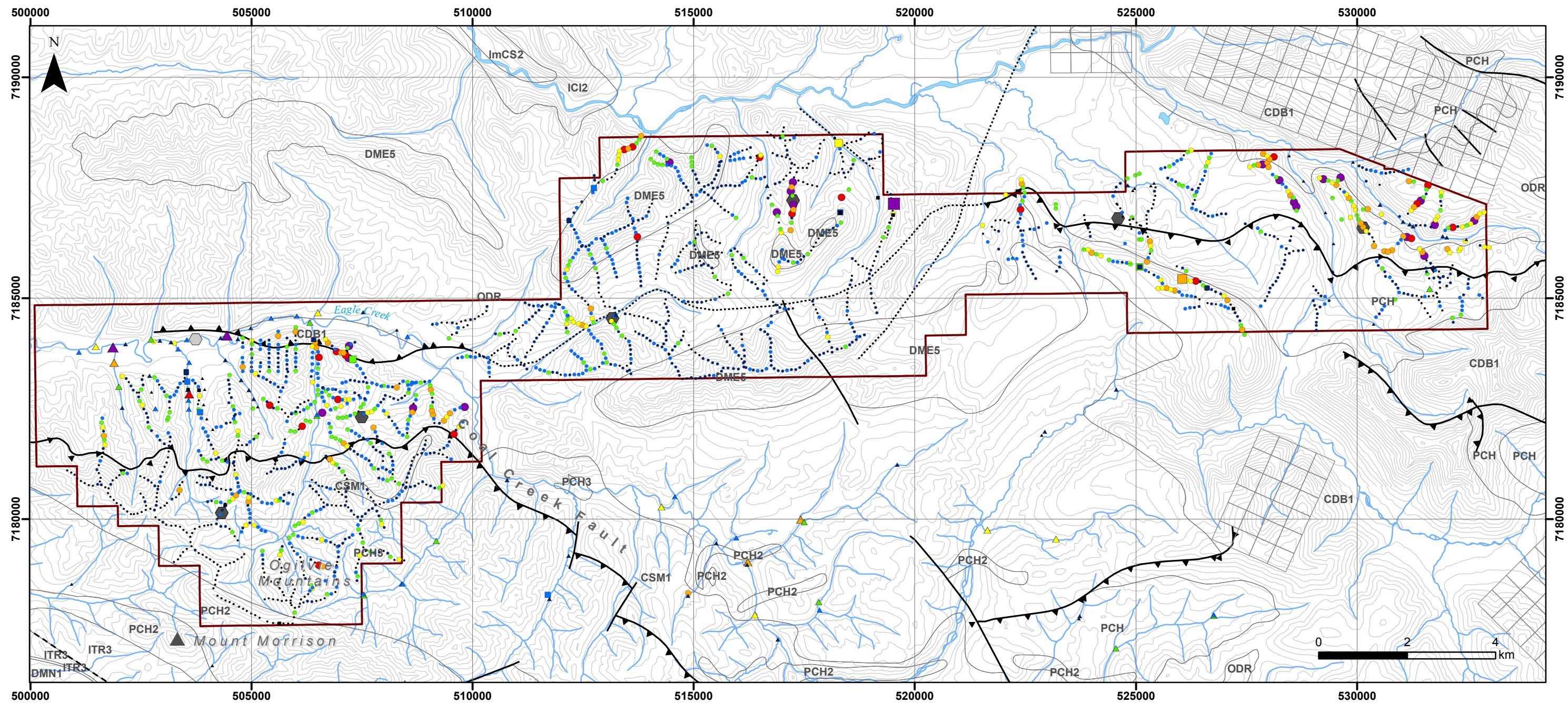
**RACKLA**  
METALS INC.

Face, Yukon Territory


**Cu Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 8                       |





| Legend                      |                             |                             |                                      |                            |
|-----------------------------|-----------------------------|-----------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>                | <b>Stream Sediments</b>     | <b>Soils</b>                | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Zn (ppm)</b>             | <b>Zn (ppm)</b>             | <b>Zn (ppm)</b>             | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 1.0 - 15.3 [0-30%]        | ▲ 0.0 - 193.2 [0-30%]       | • 0.0 - 65.9 [0-30%]        | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 15.4 - 47.1 [30-60%]      | ▲ 193.3 - 402.4 [30-60%]    | • 66.0 - 102.4 [30-60%]     | — Fault, defined, thrust, upright    | ◻ 2011                     |
| ■ 47.2 - 99.6 [60-80%]      | ▲ 402.5 - 629.3 [60-80%]    | • 102.5 - 170.6 [60-80%]    | - - - Fault, assumed, dextral        | ◻ 2012                     |
| ■ 99.7 - 126.5 [80-90%]     | ▲ 629.4 - 978.2 [80-90%]    | • 170.7 - 314.9 [80-90%]    | ▭ Geology                            | — Creeks                   |
| ■ 126.6 - 192.2 [90-95%]    | ▲ 978.3 - 1233.3 [90-95%]   | • 315.0 - 549.9 [90-95%]    |                                      | — Contours                 |
| ■ 192.3 - 1066.9 [95-98%]   | ▲ 1233.4 - 1598.4 [95-98%]  | • 550.0 - 848.4 [95-98%]    |                                      | ■ Rivers, Lakes            |
| ■ 1067.0 - 1567.4 [98-99%]  | ▲ 1598.5 - 1685.3 [98-99%]  | • 848.5 - 1225.1 [98-99%]   |                                      |                            |
| ■ 1567.5 - 2067.8 [99-100%] | ▲ 1685.4 - 2673.2 [99-100%] | • 1225.2 - 5741.5 [99-100%] |                                      |                            |

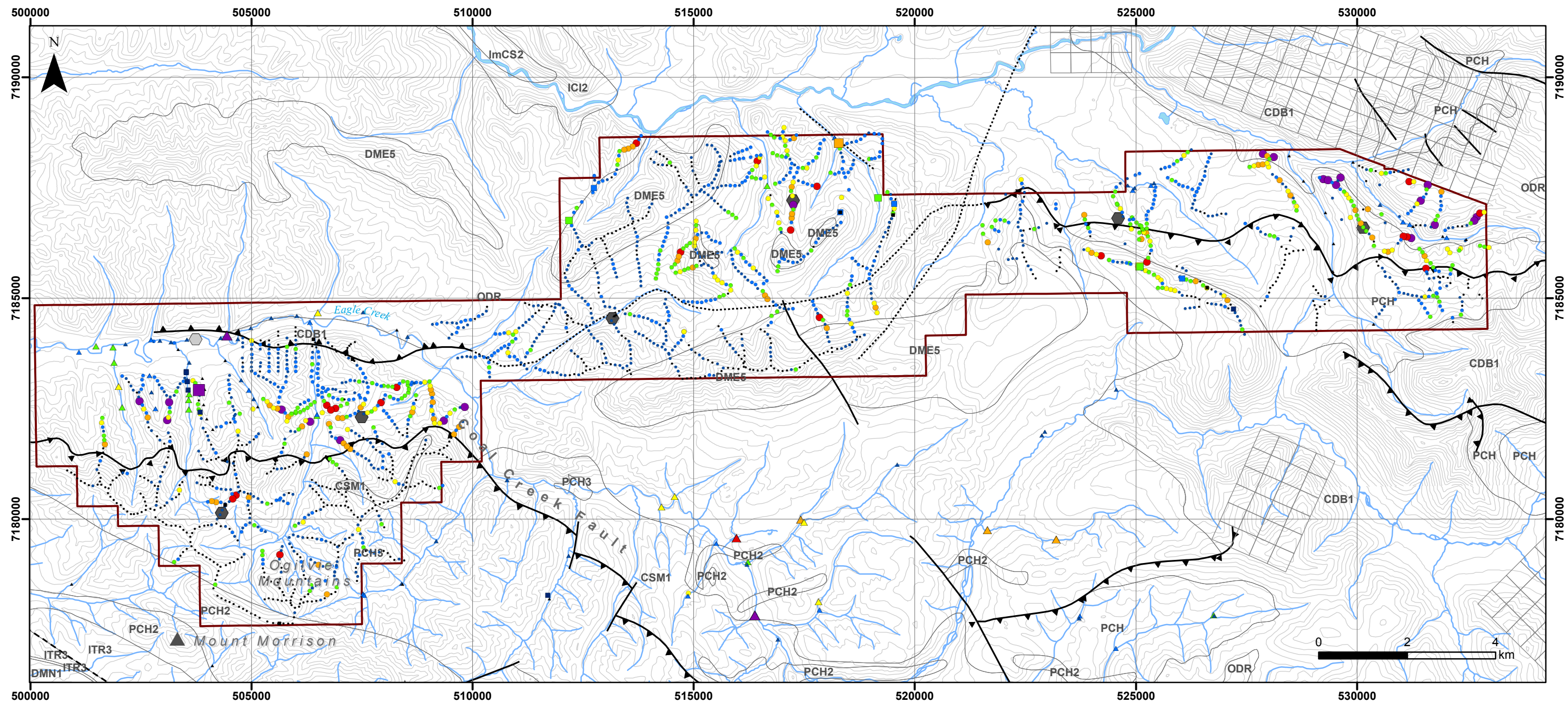


**RACKLA METALS INC.**


Face, Yukon Territory

**Zn Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 10                      |



| Legend                    |                           |                            |                                      |                            |
|---------------------------|---------------------------|----------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>              | <b>Stream Sediments</b>   | <b>Soils</b>               | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Mo (ppm)</b>           | <b>Mo (ppm)</b>           | <b>Mo (ppm)</b>            | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 0.09 - 0.38 [0-30%]     | ▲ 0.00 - 5.72 [0-30%]     | ● 0.00 - 2.19 [0-30%]      | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 0.39 - 0.96 [30-60%]    | ▲ 5.73 - 9.27 [30-60%]    | ● 2.20 - 4.77 [30-60%]     | — Fault, defined, thrust, upright    | ◻ 2011                     |
| ■ 0.97 - 2.91 [60-80%]    | ▲ 9.28 - 15.16 [60-80%]   | ● 4.78 - 10.73 [60-80%]    | - - - Fault, assumed, dextral        | ◻ 2012                     |
| ■ 2.92 - 8.18 [80-90%]    | ▲ 15.17 - 21.04 [80-90%]  | ● 10.74 - 21.62 [80-90%]   | ▭ Geology                            | — Creeks                   |
| ■ 8.19 - 27.28 [90-95%]   | ▲ 21.05 - 25.24 [90-95%]  | ● 21.63 - 34.69 [90-95%]   |                                      | — Contours                 |
| ■ 27.29 - 48.59 [95-98%]  | ▲ 25.25 - 27.70 [95-98%]  | ● 34.70 - 53.17 [95-98%]   |                                      | ■ Rivers, Lakes            |
| ■ 48.60 - 56.85 [98-99%]  | ▲ 27.71 - 34.92 [98-99%]  | ● 53.18 - 97.35 [98-99%]   |                                      |                            |
| ■ 56.86 - 65.10 [99-100%] | ▲ 34.93 - 39.31 [99-100%] | ● 97.36 - 294.91 [99-100%] |                                      |                            |

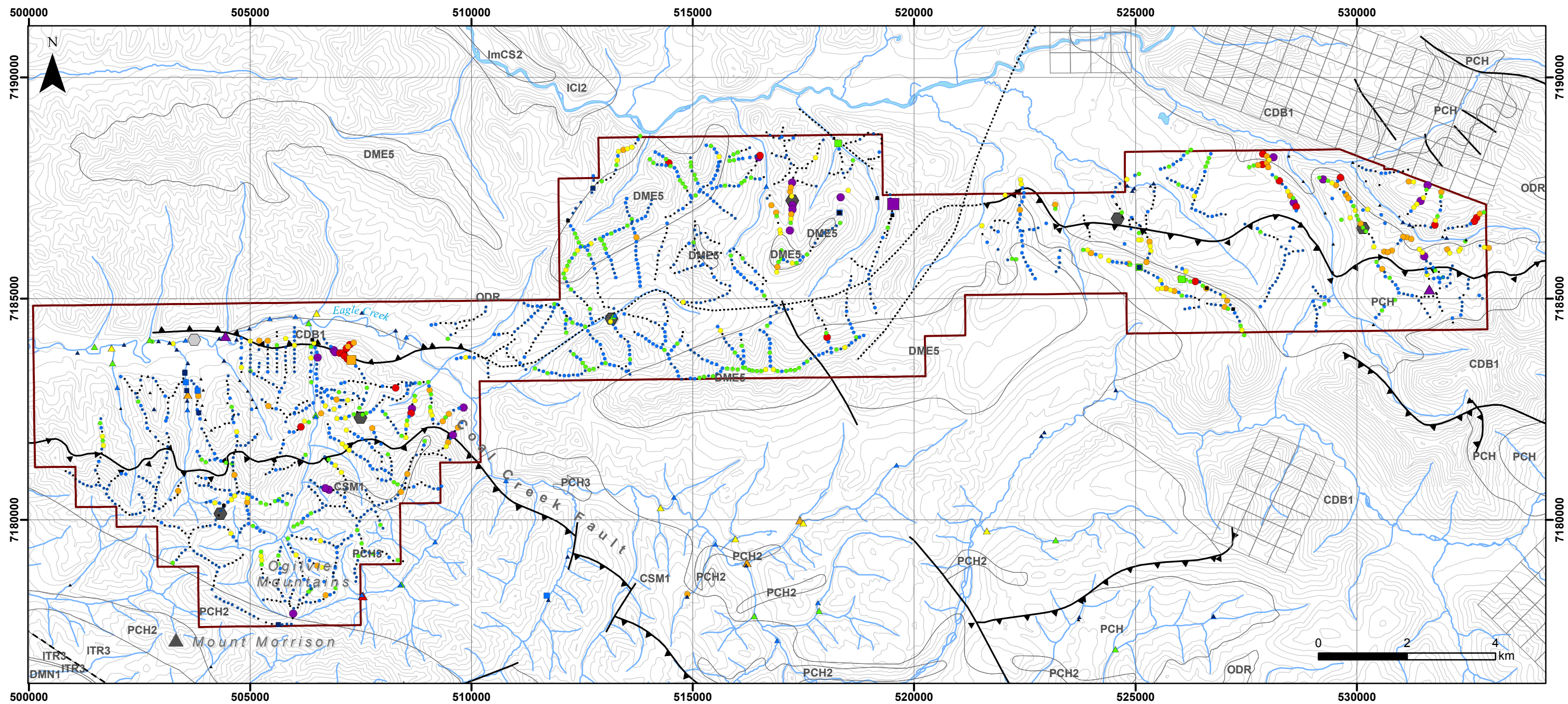


**RACKLA**  
METALS INC

Face, Yukon Territory

**Mo Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 11                      |



**Legend**

**Rocks**

**Ni (ppm)**

|                         |
|-------------------------|
| 0.7 - 3.6 [0-30%]       |
| 3.7 - 11.6 [30-60%]     |
| 11.7 - 22.5 [60-80%]    |
| 22.6 - 108.2 [80-90%]   |
| 108.3 - 220.4 [90-95%]  |
| 220.5 - 240.3 [95-98%]  |
| 240.4 - 249.1 [98-99%]  |
| 249.2 - 257.8 [99-100%] |

**Stream Sediments**

**Ni (ppm)**

|                         |
|-------------------------|
| 0.0 - 39.4 [0-30%]      |
| 39.5 - 61.0 [30-60%]    |
| 61.1 - 94.4 [60-80%]    |
| 94.5 - 128.9 [80-90%]   |
| 129.0 - 171.2 [90-95%]  |
| 171.3 - 238.0 [95-98%]  |
| 238.1 - 266.5 [98-99%]  |
| 266.6 - 438.5 [99-100%] |

**Soils**

**Ni (ppm)**

|                          |
|--------------------------|
| 0.0 - 20.5 [0-30%]       |
| 20.6 - 32.6 [30-60%]     |
| 32.7 - 47.4 [60-80%]     |
| 47.5 - 73.1 [80-90%]     |
| 73.2 - 115.1 [90-95%]    |
| 115.2 - 201.6 [95-98%]   |
| 201.7 - 252.0 [98-99%]   |
| 252.1 - 2650.5 [99-100%] |

- ..... Faults, interpreted, 2012
- Fault, defined, movement undefined
- Fault, defined, normal/reverse
- ▲▲▲ Fault, defined, thrust, upright
- - - - Fault, assumed, dextral
- Geology

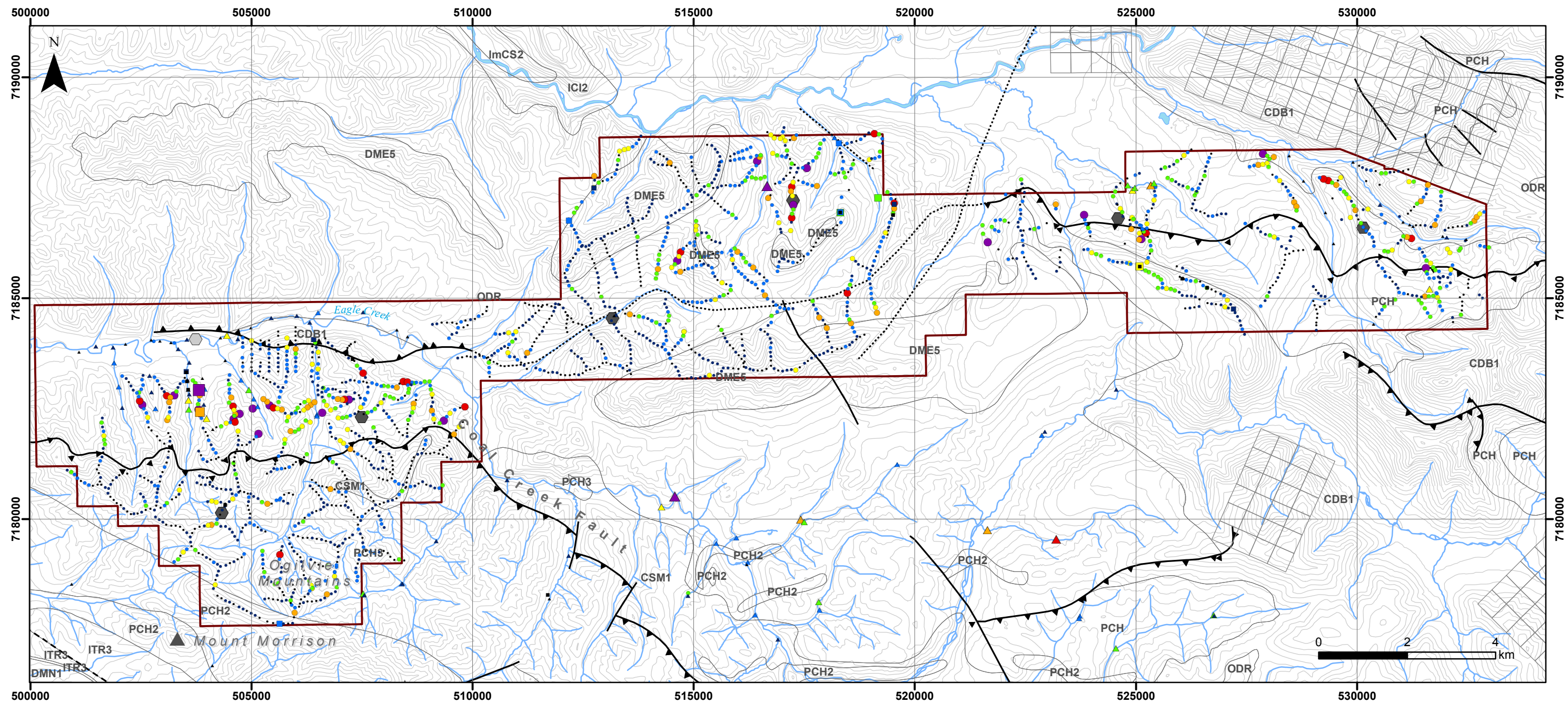
- ▭ Face Property Boundary
- ▭ Claims Held By Others
- Face Camp Locations**
- ◻ 2011
- ◼ 2012

- Creeks
- Contours
- Rivers, Lakes




Face, Yukon Territory  
**Ni Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 12                      |



| Legend                  |                         |                          |                                      |                            |
|-------------------------|-------------------------|--------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>            | <b>Stream Sediments</b> | <b>Soils</b>             | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>As (ppm)</b>         | <b>As (ppm)</b>         | <b>As (ppm)</b>          | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 0.5 - 1.8 [0-30%]     | ▲ 0.0 - 10.4 [0-30%]    | ● 0.0 - 9.1 [0-30%]      | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 1.9 - 3.8 [30-60%]    | ▲ 10.5 - 14.3 [30-60%]  | ● 9.2 - 13.0 [30-60%]    | — Fault, defined, thrust, upright    | ◻ 2011                     |
| ■ 3.9 - 7.6 [60-80%]    | ▲ 14.4 - 17.4 [60-80%]  | ● 13.1 - 19.4 [60-80%]   | - - - Fault, assumed, dextral        | ◻ 2012                     |
| ■ 7.7 - 12.6 [80-90%]   | ▲ 17.5 - 20.4 [80-90%]  | ● 19.5 - 28.8 [80-90%]   | ▭ Geology                            | — Creeks                   |
| ■ 12.7 - 31.2 [90-95%]  | ▲ 20.5 - 25.1 [90-95%]  | ● 28.9 - 39.8 [90-95%]   |                                      | — Contours                 |
| ■ 31.3 - 47.7 [95-98%]  | ▲ 25.2 - 27.4 [95-98%]  | ● 39.9 - 67.1 [95-98%]   |                                      | ▭ Rivers, Lakes            |
| ■ 47.8 - 53.0 [98-99%]  | ▲ 27.5 - 33.2 [98-99%]  | ● 67.2 - 97.5 [98-99%]   |                                      |                            |
| ■ 53.1 - 58.3 [99-100%] | ▲ 33.3 - 35.8 [99-100%] | ● 97.6 - 420.8 [99-100%] |                                      |                            |

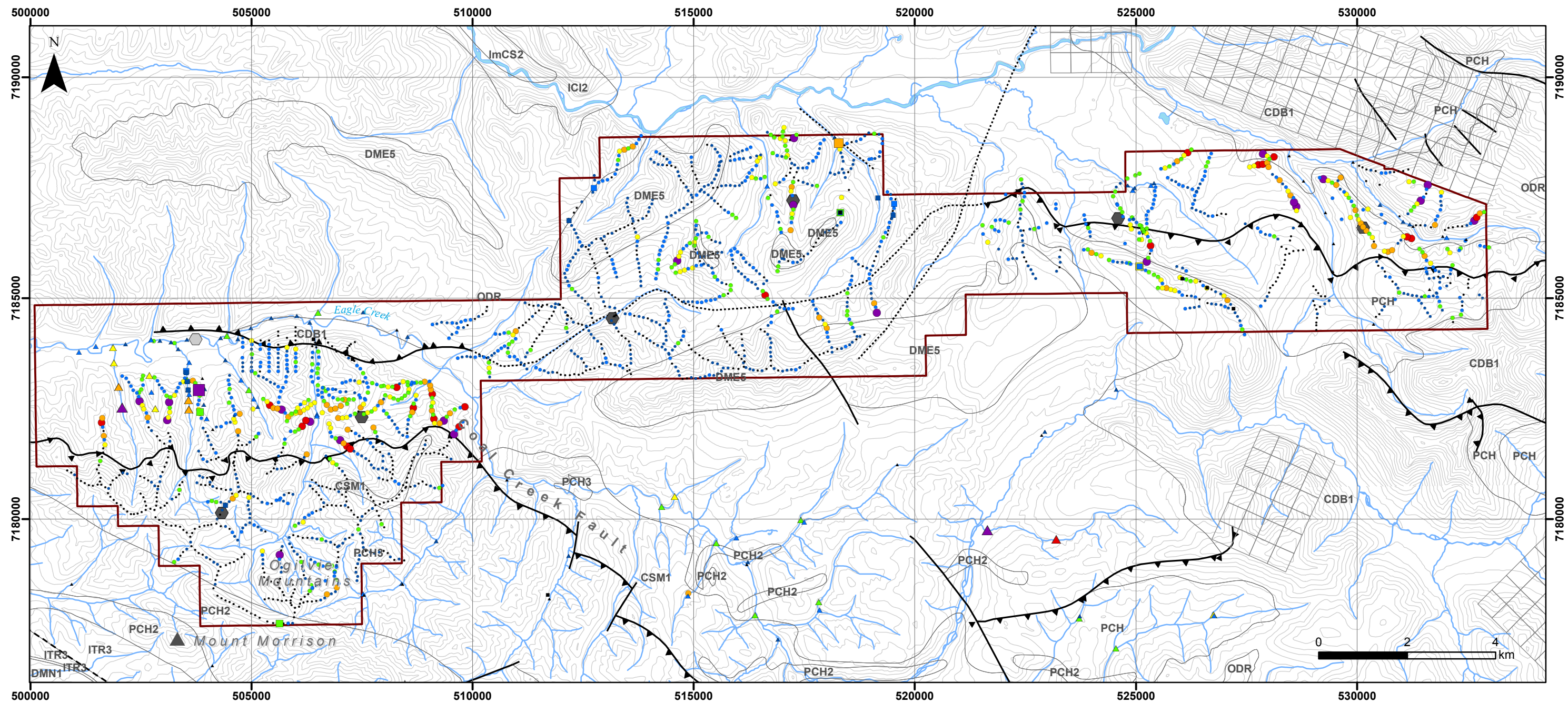


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Face, Yukon Territory

**As Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 13                      |



| Legend                    |                         |                           |                                      |                            |
|---------------------------|-------------------------|---------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>              | <b>Stream Sediments</b> | <b>Soils</b>              | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Sb (ppm)</b>           | <b>Sb (ppm)</b>         | <b>Sb (ppm)</b>           | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 0.05 - 0.18 [0-30%]     | ▲ 0.00 - 1.73 [0-30%]   | ● 0.00 - 0.84 [0-30%]     | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 0.19 - 0.26 [30-60%]    | ▲ 1.74 - 2.95 [30-60%]  | ● 0.85 - 1.47 [30-60%]    | —▲ Fault, defined, thrust, upright   | ◻ 2011                     |
| ■ 0.27 - 0.54 [60-80%]    | ▲ 2.96 - 4.27 [60-80%]  | ● 1.48 - 2.96 [60-80%]    | --- Fault, assumed, dextral          | ◻ 2012                     |
| ■ 0.55 - 1.97 [80-90%]    | ▲ 4.28 - 6.00 [80-90%]  | ● 2.97 - 5.57 [80-90%]    | ▭ Geology                            | — Creeks                   |
| ■ 1.98 - 3.44 [90-95%]    | ▲ 6.01 - 6.92 [90-95%]  | ● 5.58 - 9.36 [90-95%]    |                                      | — Contours                 |
| ■ 3.45 - 14.85 [95-98%]   | ▲ 6.93 - 7.97 [95-98%]  | ● 9.37 - 15.52 [95-98%]   |                                      | ▭ Rivers, Lakes            |
| ■ 14.86 - 21.18 [98-99%]  | ▲ 7.98 - 8.80 [98-99%]  | ● 15.53 - 21.09 [98-99%]  |                                      |                            |
| ■ 21.19 - 27.50 [99-100%] | ▲ 8.81 - 9.33 [99-100%] | ● 21.10 - 62.55 [99-100%] |                                      |                            |

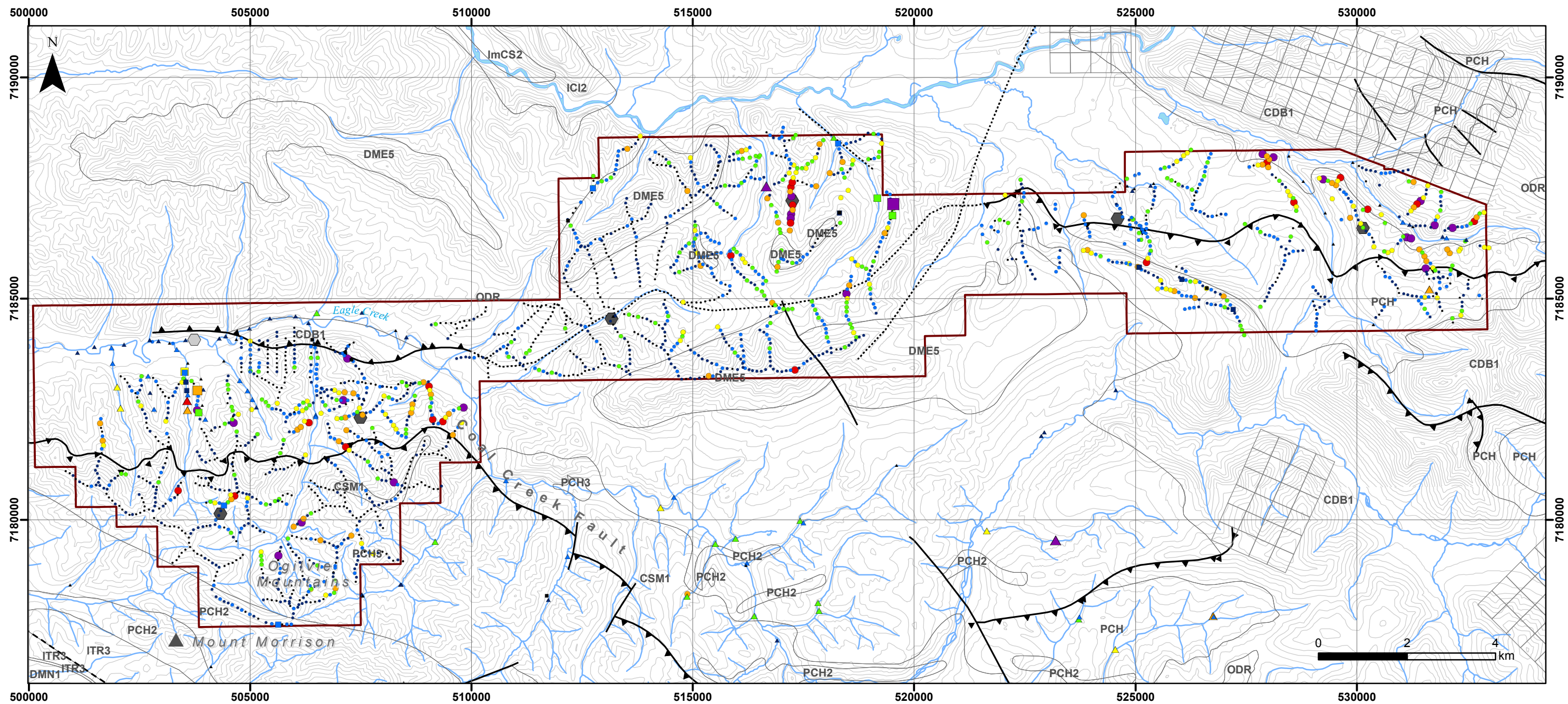


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Face, Yukon Territory


**Sb Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 14                      |



**Legend**

|   |  |  |   |   |   |
|---|--|--|---|---|---|
| <p><b>Rocks</b></p> <p><b>Hg (ppb)</b></p> <ul style="list-style-type: none"> <li>■ 0.0 - 9.3 [0-30%]</li> <li>■ 9.4 - 40.8 [30-60%]</li> <li>■ 40.9 - 63.6 [60-80%]</li> <li>■ 63.7 - 100.2 [80-90%]</li> <li>■ 100.3 - 116.5 [90-95%]</li> <li>■ 116.6 - 120.5 [95-98%]</li> <li>■ 120.6 - 120.7 [98-99%]</li> <li>■ 120.8 - 121.0 [99-100%]</li> </ul> | <p><b>Stream Sediments</b></p> <p><b>Hg (ppb)</b></p> <ul style="list-style-type: none"> <li>▲ 0 - 83 [0-30%]</li> <li>▲ 84 - 110 [30-60%]</li> <li>▲ 111 - 144 [60-80%]</li> <li>▲ 145 - 175 [80-90%]</li> <li>▲ 176 - 188 [90-95%]</li> <li>▲ 189 - 213 [95-98%]</li> <li>▲ 214 - 222 [98-99%]</li> <li>▲ 223 - 280 [99-100%]</li> </ul> | <p><b>Soils</b></p> <p><b>Hg (ppb)</b></p> <ul style="list-style-type: none"> <li>● 0 - 35 [0-30%]</li> <li>● 36 - 64 [30-60%]</li> <li>● 65 - 126 [60-80%]</li> <li>● 127 - 223 [80-90%]</li> <li>● 224 - 345 [90-95%]</li> <li>● 346 - 601 [95-98%]</li> <li>● 602 - 895 [98-99%]</li> <li>● 896 - 2934 [99-100%]</li> </ul> | <ul style="list-style-type: none"> <li>..... Faults, interpreted, 2012</li> <li>—— Fault, defined, movement undefined</li> <li>—— Fault, defined, normal/reverse</li> <li>▲▲ Fault, defined, thrust, upright</li> <li>- - - - Fault, assumed, dextral</li> <li>□ Geology</li> </ul> | <ul style="list-style-type: none"> <li>□ Face Property Boundary</li> <li>□ Claims Held By Others</li> <li><b>Face Camp Locations</b></li> <li>◻ 2011</li> <li>◻ 2012</li> </ul> | <ul style="list-style-type: none"> <li>— Creeks</li> <li>— Contours</li> <li>■ Rivers, Lakes</li> </ul> |
|---|--|--|---|---|---|



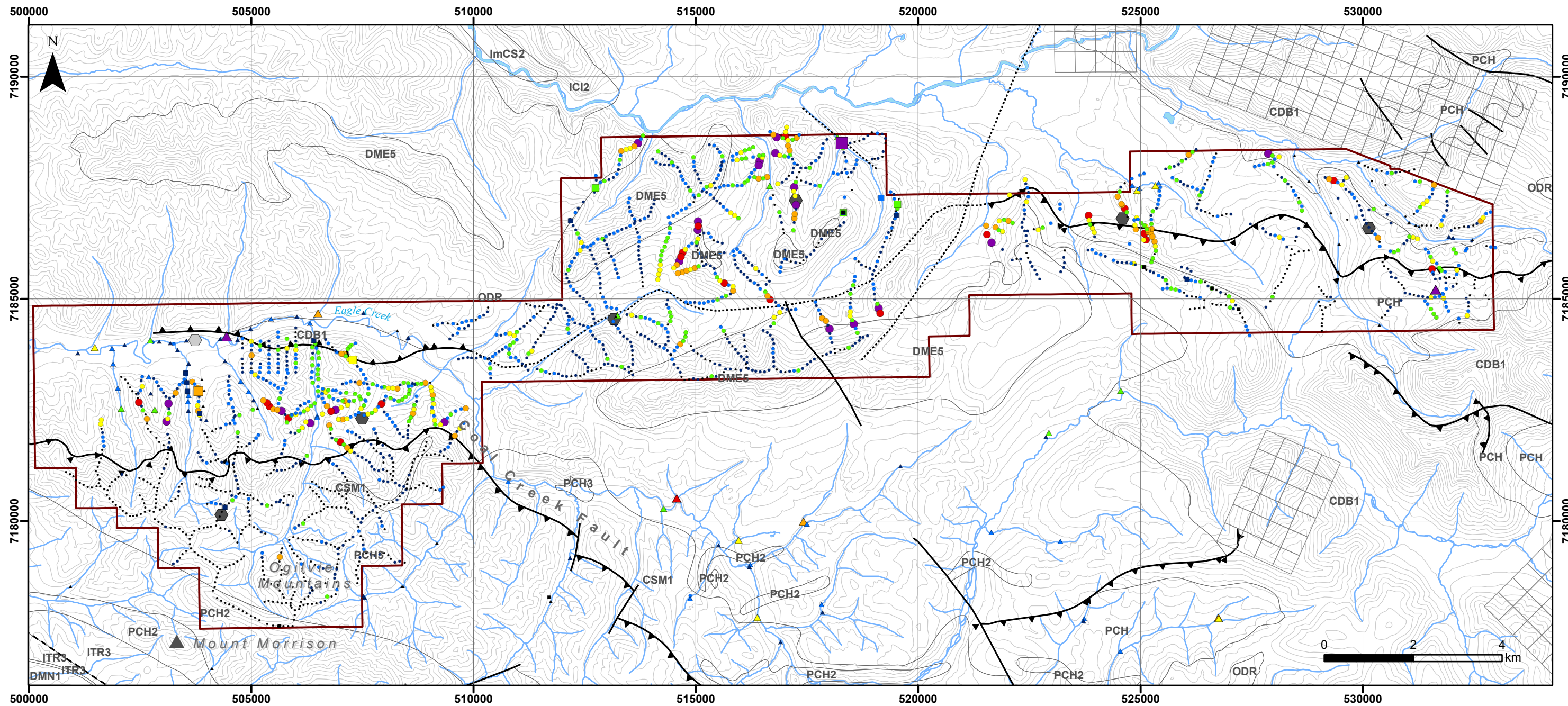
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METALS INC

Face, Yukon Territory


**Hg Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 15                      |





| Legend                  |                         |                          |                                      |                            |
|-------------------------|-------------------------|--------------------------|--------------------------------------|----------------------------|
| <b>Rocks</b>            | <b>Stream Sediments</b> | <b>Soils</b>             | ..... Faults, interpreted, 2012      | ▭ Face Property Boundary   |
| <b>Tl (ppm)</b>         | <b>Tl (ppm)</b>         | <b>Tl (ppm)</b>          | — Fault, defined, movement undefined | ▭ Claims Held By Others    |
| ■ 0.01 - 0.03 [0-30%]   | ▲ 0.00 - 0.26 [0-30%]   | • 0.00 - 0.18 [0-30%]    | — Fault, defined, normal/reverse     | <b>Face Camp Locations</b> |
| ■ 0.04 - 0.05 [30-60%]  | ▲ 0.27 - 0.39 [30-60%]  | • 0.19 - 0.33 [30-60%]   | —▲ Fault, defined, thrust, upright   | ◻ 2011                     |
| ■ 0.06 - 0.07 [60-80%]  | ▲ 0.40 - 0.52 [60-80%]  | • 0.34 - 0.68 [60-80%]   | - - - Fault, assumed, dextral        | ◻ 2012                     |
| ■ 0.08 - 0.12 [80-90%]  | ▲ 0.53 - 0.70 [80-90%]  | • 0.69 - 1.11 [80-90%]   | ▭ Geology                            | — Creeks                   |
| ■ 0.13 - 0.66 [90-95%]  | ▲ 0.71 - 0.85 [90-95%]  | • 1.12 - 1.69 [90-95%]   |                                      | — Contours                 |
| ■ 0.67 - 0.97 [95-98%]  | ▲ 0.86 - 1.06 [95-98%]  | • 1.70 - 3.14 [95-98%]   |                                      | ▭ Rivers, Lakes            |
| ■ 0.98 - 1.01 [98-99%]  | ▲ 1.07 - 1.22 [98-99%]  | • 3.15 - 4.02 [98-99%]   |                                      |                            |
| ■ 1.02 - 1.05 [99-100%] | ▲ 1.23 - 1.39 [99-100%] | • 4.03 - 12.07 [99-100%] |                                      |                            |



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**Tl Geochemical Results**

|                  |                                 |
|------------------|---------------------------------|
| Scale: 1:90,000  | NTS: 116C/10, 116C/15 & 116C/16 |
| Date: 2013-02-14 | UTM: NAD 83, Zone 7             |
| Author: SD       | Figure: 16                      |