

**2011 GEOCHEMICAL  
REPORT ON THE FACE 1- 94 CLAIMS**

(Work Performed: July 7 – 15, 2011)

Claim Names: \_\_\_\_\_ Grant No's

FACE 1-94      YD102505-YD102598

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

Latitude 64° 47' N  
Longitude 140° 53' W

Owner & Operator:  
**RADIUS GOLD INC.**  
650-200 Burrard Street  
Vancouver, British Columbia  
V6C 3L6

Prepared by:  
Roger Hulstein, B.Sc., P.Geo.

November 10, 2011

*Face Property*

## SUMMARY

The Face property is located approximately 105 kilometers northwest of Dawson City, Yukon and 10 kilometers east of Eagle, Alaska. The Face claims, the subject of this report, consists of 94 (two post) Yukon Quartz claims. An additional 176 Quartz claims (Hood 1 - 176) were staked the fall of 2011 to the south and west of the Face claims to cover anomalous drainages identified by stream sediment geochemistry. Together the 270 contiguous Face and Hood claims make up the Face property and collectively cover an area of approximately 5630 hectares (2278 acres). The property is owned 100% by Radius Gold Inc.

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 at Clinton Creek approximately 25 kilometers to the south and it is passable by 2WD vehicles during the summer months.

Most of the Face property is underlain by Ordovician to Lower Devonian shale, argillite, chert, siltstone, limestone and conglomerate correlated with the Road River Group. An easterly trending fault in the Eagle Creek valley juxtaposes the above rocks against an approximate 3 km by 1 km sliver of Upper Cambrian to Lower Devonian dolostone, shale, limestone, and conglomerate. To the south siliciclastics of the Hyland Group are separated from the possible Road River Group by the easterly trending Coal Creek Fault. The Coal Creek Fault is sub-parallel to 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 provide possible fluid conduits for a possible hydrothermal system(s) as indicated by the anomalous stream sediment and soil samples.

A total of six rock samples, 31 stream sediment samples and 153 soil samples were collected in 2011. Results from the rock samples returned less than 4 ppb gold and 0.5 ppm silver. Soil and stream sediment samples contained anomalous values for gold (>12.5 ppb, up to 52 ppb) and silver (>500 ppb, up to 4161 ppb) and a number of other elements including molybdenum, copper, lead, zinc, nickel, antimony, mercury and arsenic. The poorly constrained soil sample anomaly indicates there is an east - west trending anomaly about 4 kilometers long and up to one kilometer wide. Several of the stream sediment samples contained anomalies similar to the soil samples and when taken in conjunction with the Geological Survey of Canada's regional geochemical survey, defines a regionally anomalous area that includes the Face property.

No mineralization was found on the property in 2011 but based on the geochemical results and geological setting a number of deposit types are possible including base metal stratiform, precious and base metal stratabound replacement and vein type deposits.

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

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## **1.0 INTRODUCTION**

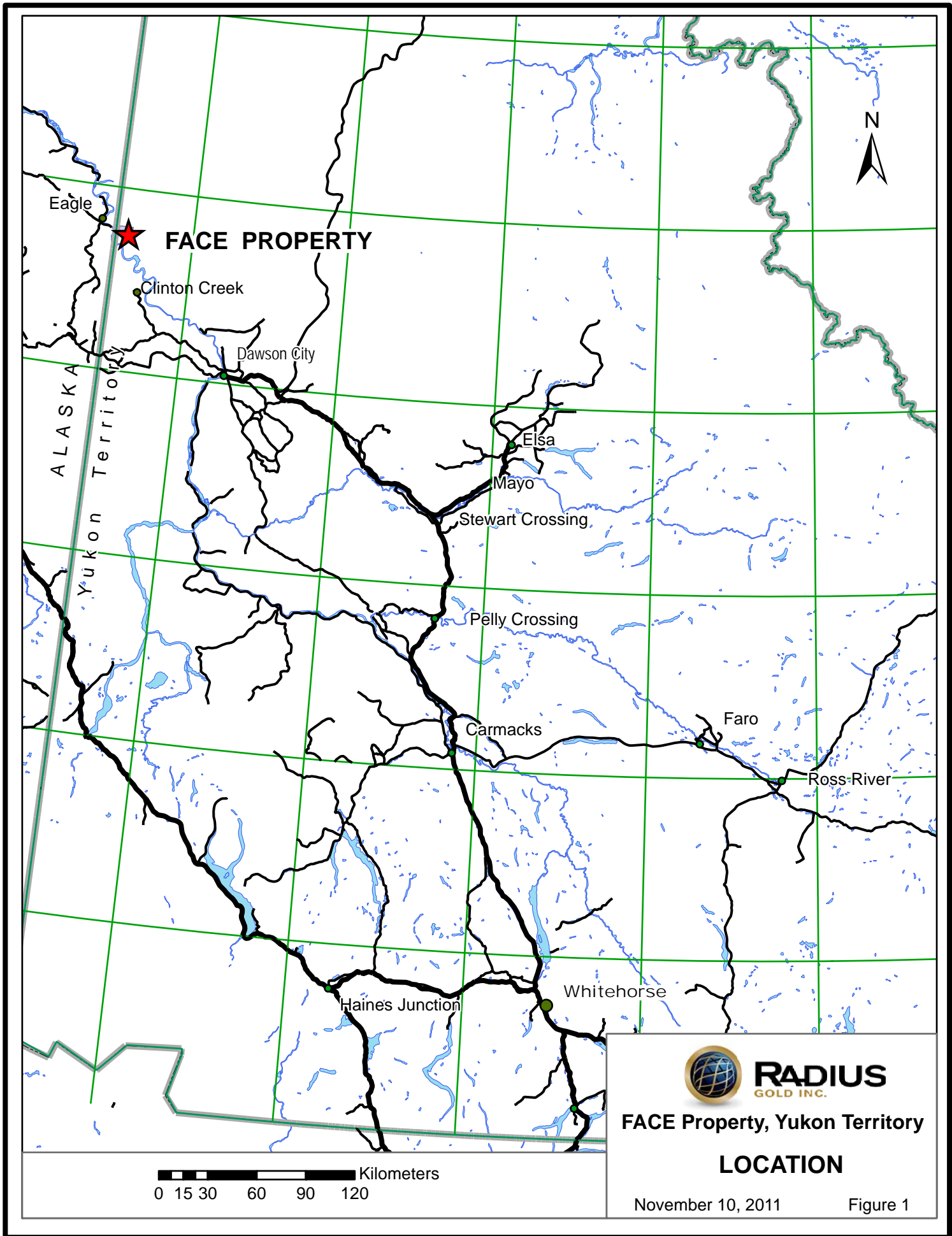
The purpose of this report on the Face 1 – 94 claims is to describe the 2011 work program and the results to fulfill Yukon assessment requirements. Work in July 2011 consisted of reconnaissance rock, stream sediment and soil sampling. Upon receipt of the anomalous geochemical results an additional 176 claims (Hood 1 – 176) were staked in September 2011. As of November 10, 2011 no work has taken place on the Hood claims. The report also describes the location, access, history and geological setting of the Face 1-94 claims and outlines a proposed exploration program to further explore the property for gold-silver and base metals.

### **1.1 Location and Access**

The Face property is located approximately 105 kilometers northwest of Dawson City, Yukon and 10 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. The combined Face and Hood claims, collectively known as the Face Property, are located on map sheet NTS 116C/10 and 116C/15 (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.



**RADIUS**  
GOLD INC.

FACE Property, Yukon Territory

**LOCATION**

November 10, 2011

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 950 meters on nearby ridges. In the valley bottom permafrost is not a consideration except near the well vegetated hillsides. 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 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 4,000 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 as the property is located north of the historic Fortymile placer district, and most of the property is within 20 kilometers of Eagle, Alaska. The Yukon River, historically an important transportation route, is located less than 12 kilometers from the property. However no evidence of placer workings was seen on the property in 2011.

Along with the 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 and held by Tarsis Resources Ltd. The Eye 1-4 claims and four other properties in the area constitute 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."

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 (Yukon Geology Survey, 2011). Radius staked the adjoining Hood 1-176 claims in September 2011 following receipt of the encouraging geochemical results that are described in this report.

## 1.4 2011 Work Program

The 2011 geochemical exploration program was carried out by Casselman Geological Services Ltd. A five person field crew ably directed by Crew Chief Laurant Brault and including Radius employee Chris McKnight, geologist in training, was mobilized from Whitehorse on July 6th, 2011. The crew flew by helicopter to the Face property from a staging area on the road Clinton Creek Road and set up camp. From July 8th - 13th, 2011 the crew collected soil, rock and stream sediment samples for geochemical analysis and also did some prospecting. Soil sampling was consisted mostly of sampling ridges and spurs with a nominal spacing of 100 m between samples. The crew demobilized on July 14 and 15, 2011.

Following receipt of the encouraging geochemical results Radius contracted Casselman Geological Services Ltd. to stake the Hood 1-176 claims in September 2011. The Hood claims were staked primarily south of the Face claims to cover the headwaters of creeks that had anomalous geochemical stream sediment sample geochemical results.

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



## 1.5 Claim Status

The Face property, consisting of 270 unsurveyed contiguous two-post Yukon 'Quartz' claims (Face 1-94 and Hood 1-176 claims) cover an area of approximately 5640 hectares (Figure 2). The claims were staked according to the Yukon Quartz Mining Act and are located in the Dawson Mining District. They are shown on claim sheet 116C/10 and 116C/15 and are available for viewing at the Dawson Mining Recorders Office. The claims listed below (Table 1) are registered in the name of Radius Gold Inc. and are owned one hundred percent by the company.

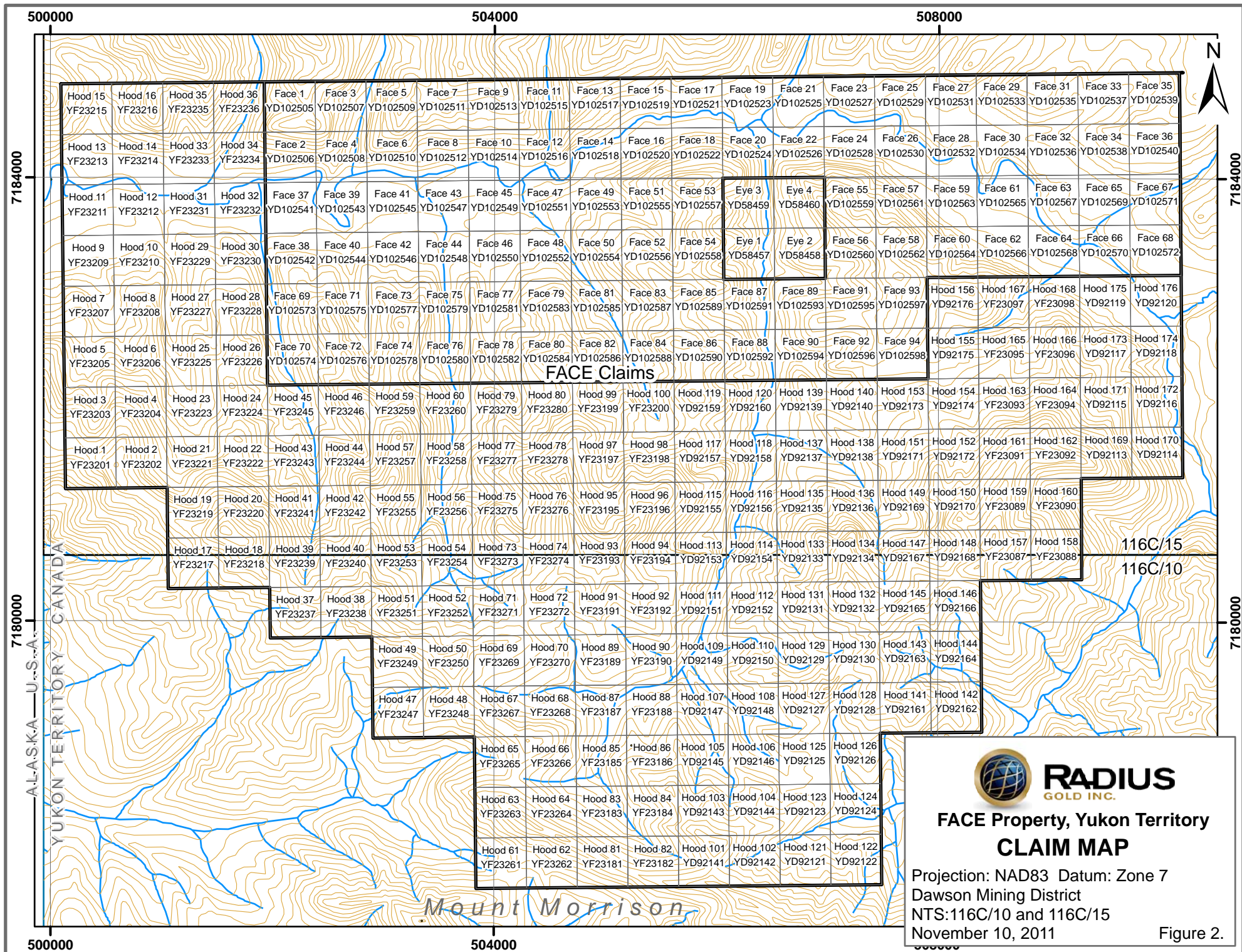
The Face 1-94 were staked in September 2010 and the Hood 1-176 in September 2011.

**Table 1. List of Claims**

Claim Name	Grant Number	Expiry Date
Face 1 - 94	YD102505 - YD102598	March 27, 2016*
Hood 1 - 80	YF23201 - YF23280	September 12, 2012
Hood 81 - 100	YF23181 - YF23200	September 12, 2012
Hood 101 - 120	YD92141 - YD92160	September 12, 2012
Hood 121 - 140	YD92121 - YD92140	September 12, 2012
Hood 141 - 156	YD92161 - YD92176	September 12, 2012
Hood 157 - 168	YF23087 - YF23098	September 12, 2012
Hood 169 - 176	YD92113 - YD92120	September 12, 2012

\*Subject to acceptance of this report.

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



**FACE Property, Yukon Territory  
CLAIM MAP**

Projection: NAD83 Datum: Zone 7  
 Dawson Mining District  
 NTS:116C/10 and 116C/15  
 November 10, 2011

Figure 2.

## 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 northeast of Mayo where a number of sediment hosted gold deposits (Rau and Ossirus) and occurrences have recently been discovered.

The oldest rocks on the property are 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 from the 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 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.

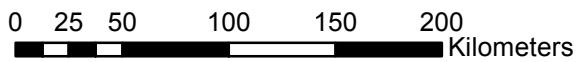
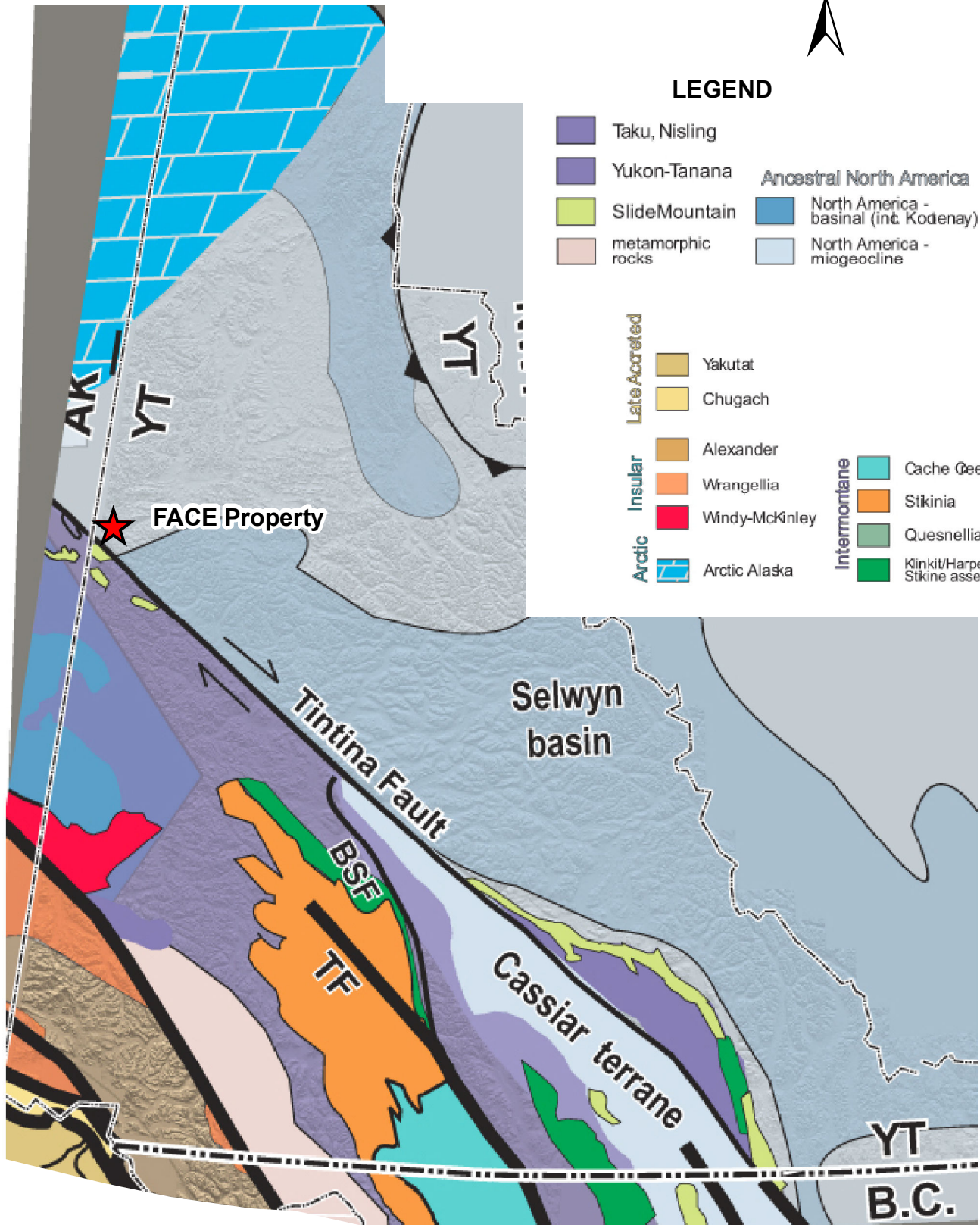
Cretaceous and younger plutonic suites intruding the Ancestral North America rocks represent a succession of continental magmatic arcs and related back arc environments that record the convergence of various terranes. Although these igneous rocks have not been mapped in the area of the Face claims they have proved to be associated with gold, silver and base metal deposits and occurrences about 100 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 on the Face 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).



### LEGEND

- Taku, Nisling
  - Yukon-Tanana
  - Slide Mountain
  - metamorphic rocks
  - Ancestral North America
  - North America - basinal (incl. Kodenay)
  - North America - miogeocline
- 
- Late Accreted**
  - Yakutat
  - Chugach
  - Insular**
  - Alexander
  - Wrangellia
  - Windy-McKinley
  - Arctic**
  - Arctic Alaska
  - Intermontane**
  - Cache Creek
  - Stikinia
  - Quesnellia
  - Klinkit/Harper Ranch Stikine assemblage



**RADIUS**  
GOLD INC.

FACE Property, Yukon Territory  
**REGIONAL GEOLOGY**

November 10, 2011      Figure 3.

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 mineralization.

### 3.0 PROPERTY GEOLOGY

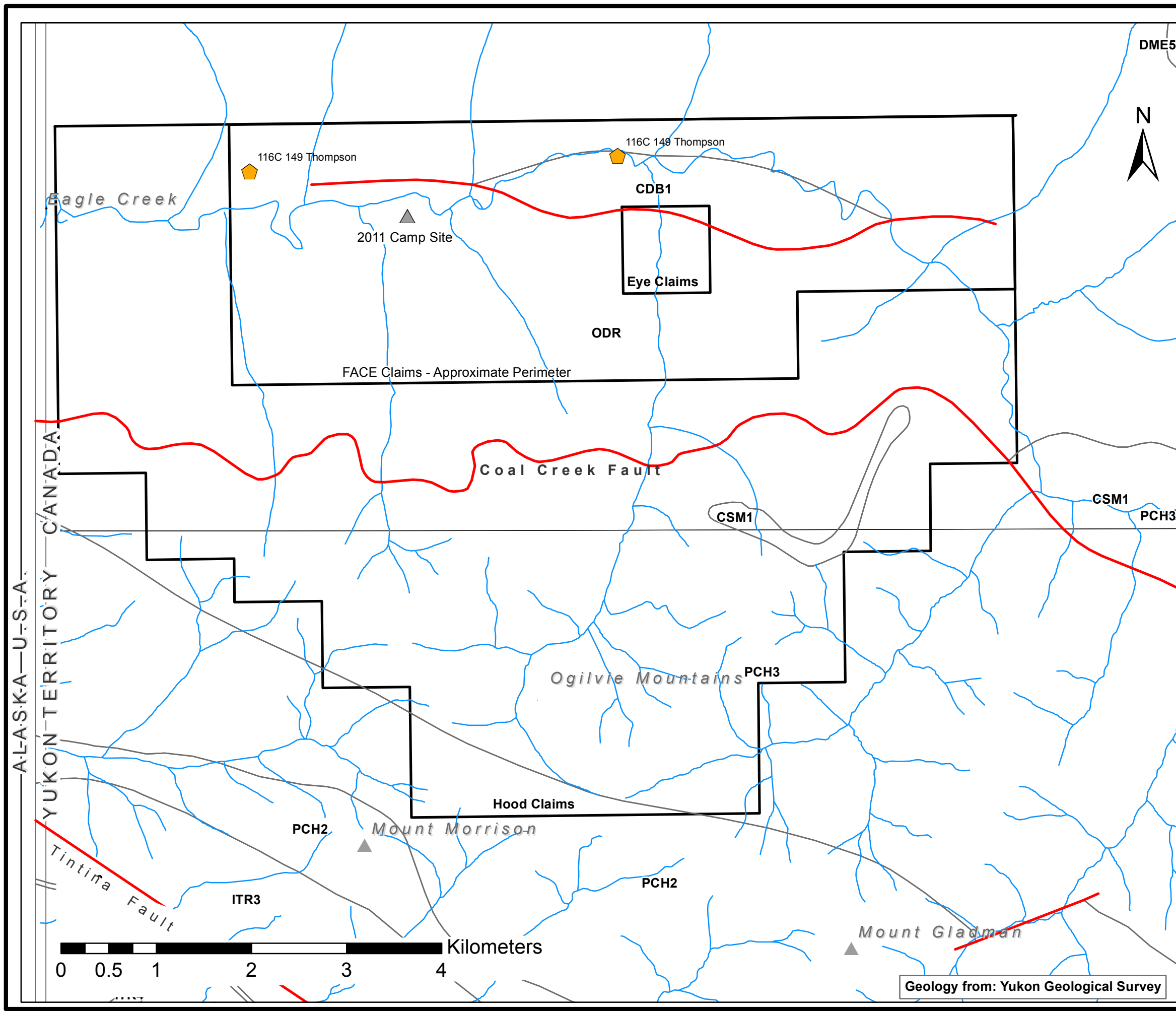
The Face property has not been geologically mapped by Radius Gold. The property geology map, Figure 4, is derived from Yukon Geological Survey sources (Yukon Geology Survey, 2011). The regional geology was compiled by the GSC in 1995 (Thompson, 1995). The earliest mapping was by the GSC in 1911 and 1912 (Cairns, 1915) as part of the Yukon – Alaska International Boundary survey. This mapping included only the easternmost side of the Face claims 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 claims are dolostone, shale, limestone, and conglomerate rocks (Figure 4, unit CDB1). This unit is in fault contact to the south with younger Ordovician – Devonian shales, cherts, siltstone, limestone and conglomerate rocks (Figure 4, unit ODR) correlated with the Road River Group. The east – west trending sliver of unit CDB1 to the north is apparently in conformable contact with unit ODR.

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.

Rocks underlying the Hood claims to the south consist dominantly of Upper Proterozoic to Lower Cambrian Hyland Group 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 rocks to the north. A small unit of Upper Cambrian and Ordovician basalt, tuff and breccia is in conformable contact with Hyland Group rocks on the south east side of the Hood claims.

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 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.



### Symbol Legend

- Fault
- Geological Contact
- Yukon Minfile, number and name
- Creek

### Geological Legend

- Lower Tertiary, mostly(?) Eocene  
shale/claystone/siltstone/sandstone/conglomerate/coal
- Upper Devonian  
mudstone/shale/sandstone/conglomerate
- Ordovician to Lower Devonian  
shale/chert/siltstone/limestone/ conglomerate
- Upper Cambrian to Lower Devonian  
dolostone, shale/limestone/conglomerate
- Upper Cambrian and Ordovician  
basalt/tuff/breccia
- Upper Proterozoic to Lower Cambrian  
slate, chert/siltstone/sandstone/ conglomerate
- Upper Proterozoic  
limestone



FACE Property, Yukon Territory

## PROPERTY GEOLOGY

Projection: NAD83 Datum: Zone 7  
 Dawson Mining District  
 NTS: 116C/10 and 116C/15  
 November 10, 2011 By: RWH

Geology from: Yukon Geological Survey

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 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 a Devonian – Mississippian clastic sequence to the north from a Cambrian – Ordovician 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.



#### **4.0 GEOCHEMISTRY**

A total of six rock samples, 31 stream sediment samples and 153 soil samples were collected in 2011 and were analyzed by Acme Analytical Laboratories (Vancouver) Ltd. in Vancouver, B.C. Samples were prepared for analysis at Acme's preparation laboratory located in Whitehorse, Yukon. Samples collected on the property were transported by Radius personnel, or contractors, to the Whitehorse laboratory.

Rock samples were crushed and a 250 g split pulverized to minus 200 mesh. A 30 gram sub sample was fire assayed and a gold determination made by atomic absorption. An additional 28 elements were analyzed by aqua regia ICP-ES. An additional 36 elements were analyzed by ICP-MS following a 0.5 gram sample undergoing aqua regia digestion. The analytical certificates are presented in Appendix A and sample locations and analytical results in Appendix B. Rock sample locations are shown on Figure 5 and results on Figures 7 to 8.

The rock samples returned less than 4 ppb Au, 0.5 ppm Ag, 26.9 ppm Cu, 14.2 ppm Pb and 93 ppm Zn. One iron rich sample, number 119505; contained 12.68% Fe, 58.3 ppm As, 27.5 ppm Sb and 65.1 ppm Mo with results for other elements of interest being low to background. Notes with sample descriptions were lost and therefore unavailable.

A total of 153 soil samples were collected, screened to -80 mesh with a 15 gram split digested by aqua regia and analyzed by ultratrace ICP-MS for gold and an additional 52 elements. The analytical certificate is presented in Appendix A and sample locations and analytical results in Appendix C. Soil sample locations are shown on Figure 6 and results on Figures 6 to 8. The soil samples were collected by grub hoe – pick axe, generally from an approximate depth of 0.3 m. Soil samples were collected on ridges and spurs and on a small grid with sample spacing 100 m by 200 m in the central portion of the property.

Analytical results from soil samples yielded a number of significant anomalous values for gold, copper, lead, zinc, silver, antimony and arsenic. A number of samples from ridges on the south side of the Face claims contained anomalous gold values greater than 12.5 ppb. Most of these anomalous samples also contain anomalous values for silver, copper, lead, zinc, iron, mercury and arsenic (Figures 7 & 8). 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. Although the reconnaissance sampling was wide spread, the samples with anomalous gold – silver and related elements mentioned above, indicate an anomaly about four kilometers long from east to west and up to one kilometer wide north – south.

A total of 31 stream sediment samples were collected, screened to -150 mesh, with a 30 gram and a 50 gram subsamples 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 1F30). The 50 gram sub sample underwent a lead collection fire assay followed by an ICP-ES analysis for gold (method 3B-50). Stream sediment samples were collected by shovel from traps such as bars and plunge pools, wet sieved at the sample site to minus 2 mm 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. Stream sediment sample locations are shown on Figure 5 and results on Figures 7 and 8.

A total of 5 stream sediment samples contained gold. Three of the samples analyzed for gold by method 3B-50 returned between 11 and 40 ppb gold (and less than 2.5 ppb by method 1F30) and are shown on Figure 5. Two of the samples (numbers 119602 and 119753) analyzed by method 1F30 returned 13.4 and 21.3 respectively (and less than 3.6 ppb by method 3B-50). Only the results for method 3B-50 are shown on Figure 5. The lack of discrepancy between the two methods is attributed to the nugget effect of the gold particles. Method 3B-50 is considered more reliable for gold analysis due to the larger, 50 gram, sample size.

Samples with anomalous gold values (> 11 ppb) generally have anomalous values for Mo, Pb, Zn, and Ni. Samples with anomalous silver values (>500 ppb Ag) generally correlate very strongly with anomalous values for; Mo, Cu, Pb, Zn, Ni, Sb, Cd, Tl, Hg, Se and less strongly for Co, Mn, As, U, Cd. The lack of correlation between anomalous gold and silver values and their differing attendant populations of anomalous elements indicate possibly different sources for gold and silver.

The regional geochemical stream sampling program carried out by the Geological Survey of Canada identified anomalous gold values in the central drainage on the Face property that is also covered by the Eye claims. Sample 116C775135 (Figure 5) contained 26 ppb gold (Yukon Geology Survey, 2011). Other samples from creeks draining the property and in the immediate area are anomalous in zinc, antimony, molybdenum and mercury and together define a regionally anomalous area.

## **5.0 CONCLUSIONS AND RECOMMENDATIONS**

Results from the Geological Survey of Canada's regional geochemical survey and Radius's 2011 geochemical sampling program on the Face property identified a widespread multi-element anomaly including gold, silver, molybdenum, zinc, antimony, iron, mercury and arsenic. Underlying the property area is a package of rocks ranging in age from Upper Proterozoic to Lower Devonian that includes limestone, dolostone, mafic volcanics and siliciclastics. The property is cut by the regional easterly trending Coal Creek Fault and a parallel unnamed fault in Eagle Creek. These faults are sub-parallel to 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 provide possible fluid conduits for a possible hydrothermal system(s) as indicated by the anomalous stream sediment and soil samples.

The 2011 analytical results may indicate the presence of a significant precious metal - base metal hydrothermal system focused in and around the regional thrust faults. No mineralization was found in 2011 but based on the geochemical results and geological setting a number of deposit types are possible including base metal stratiform, precious and base metal stratabound 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 2011.

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

## 6.0 STATEMENT OF COSTS

The following costs were incurred on the Face 1- 94 claims in 2011.

<b>2011 FACE Estimated Expenditures</b>			
<b>Item</b>	<b>number</b>	<b>\$cost/number</b>	
Geochemistry	191 samples	\$28/sample	\$ 5,348
Helicopter	13.3 hours	1200/hour	\$ 15,960
Labour	50 mandays		\$ 19,550
truck & camp			\$ 3,000
Report			\$ 3,000
		<b>TOTAL</b>	\$ 46,858

Respectfully submitted,

November 10, 2011

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

## 7.0 STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, of:

106 Wilson Drive  
Whitehorse, Yukon Territory  
Y1A 0C9,

do hereby certify that:

1. I am a mineral exploration geologist with over 25 years of experience working in the Yukon.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I am the author of this report on the Face 1-94 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 have not been on the ground covered by the Face 1- 94 claims.
8. The report is based on results and descriptions provided by coworkers and on referenced sources.

Roger Hulstein, B.Sc., FGAC, P.Geo.  
November 10, 2011

## 8.0 REFERENCES

- Cairnes, D.D., 1915. Yukon – Alaska International Boundary, between Yukon and Porcupine Rivers (southern Sheet). Geological Survey Canada, Map 140 A.
- Logan Resources Ltd. 2011. News Release; Logan Completes 2011 Work Program at Shell Creek, December 20, 2011. Available digitally: <http://www.loganresources.ca/>.
- Tarsis Resources Ltd., 2011. News Release; Tarsis 2011 Exploration Plans, March 30, 2011, <http://www.tarsis.ca/>.
- 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.
- Yukon Geology Survey, 2011. Yukon Geology Map, Available digitally: <http://maps.gov.yk.ca/imf.jsp?site=YGS>
- Yukon MINFILE, 2011. A database of mineral occurrences. Available digitally: [http://www.geology.gov.yk.ca/databases\\_gis.html](http://www.geology.gov.yk.ca/databases_gis.html)

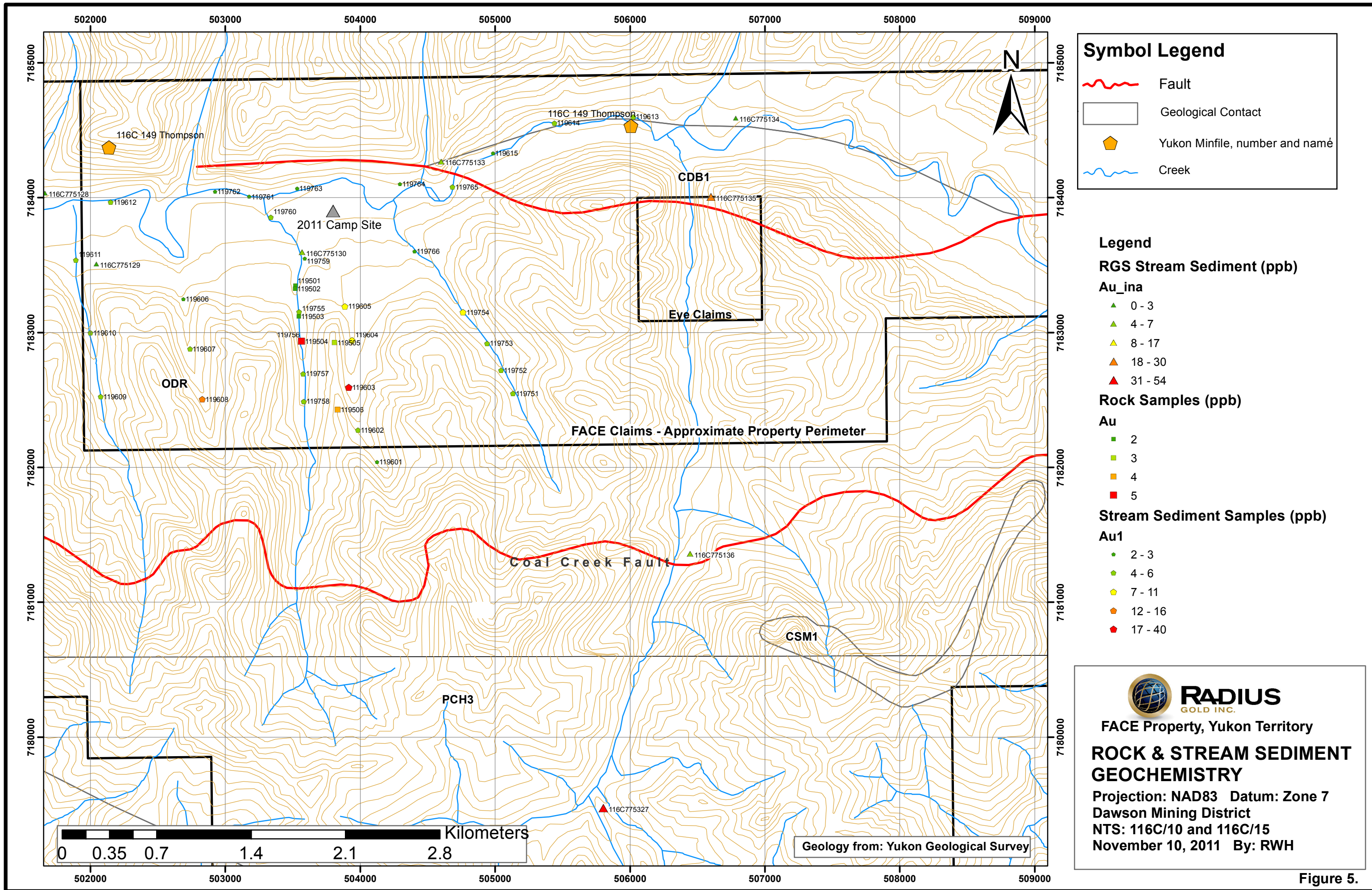
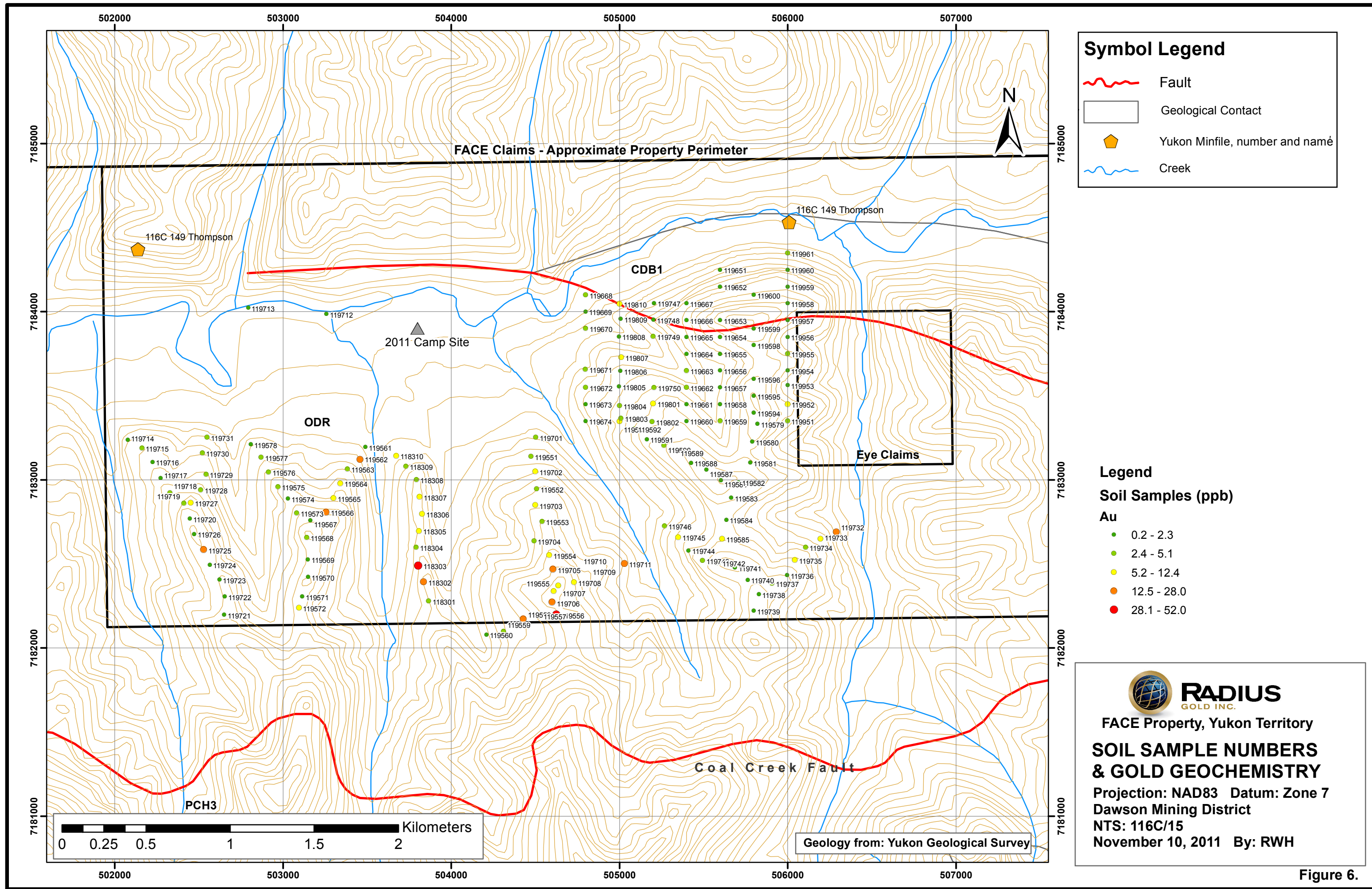


Figure 5.



### Symbol Legend


- Fault
- Geological Contact
- Yukon Minfile, number and name
- Creek

### Legend

#### Soil Samples (ppb)

##### Au

- 0.2 - 2.3
- 2.4 - 5.1
- 5.2 - 12.4
- 12.5 - 28.0
- 28.1 - 52.0



**RADIUS**  
GOLD INC.

FACE Property, Yukon Territory

## SOIL SAMPLE NUMBERS & GOLD GEOCHEMISTRY

Projection: NAD83 Datum: Zone 7  
Dawson Mining District  
NTS: 116C/15  
November 10, 2011 By: RWH

Figure 6.



**GSC- RGS Silt Percentiles**

for: Au\_ina (ppb)

- ◆ 1 =< 2 [<30%] (123)
- ◆ 2 =< 4 [30<60%] (72)
- ◆ 4 =< 6 [60<80%] (67)
- ◆ 6 =< 8 [80<90%] (54)
- ◆ 8 =< 10 [90<95%] (32)
- ◆ 10 =< 22 [95<98%] (86)

**Soil Percentiles**

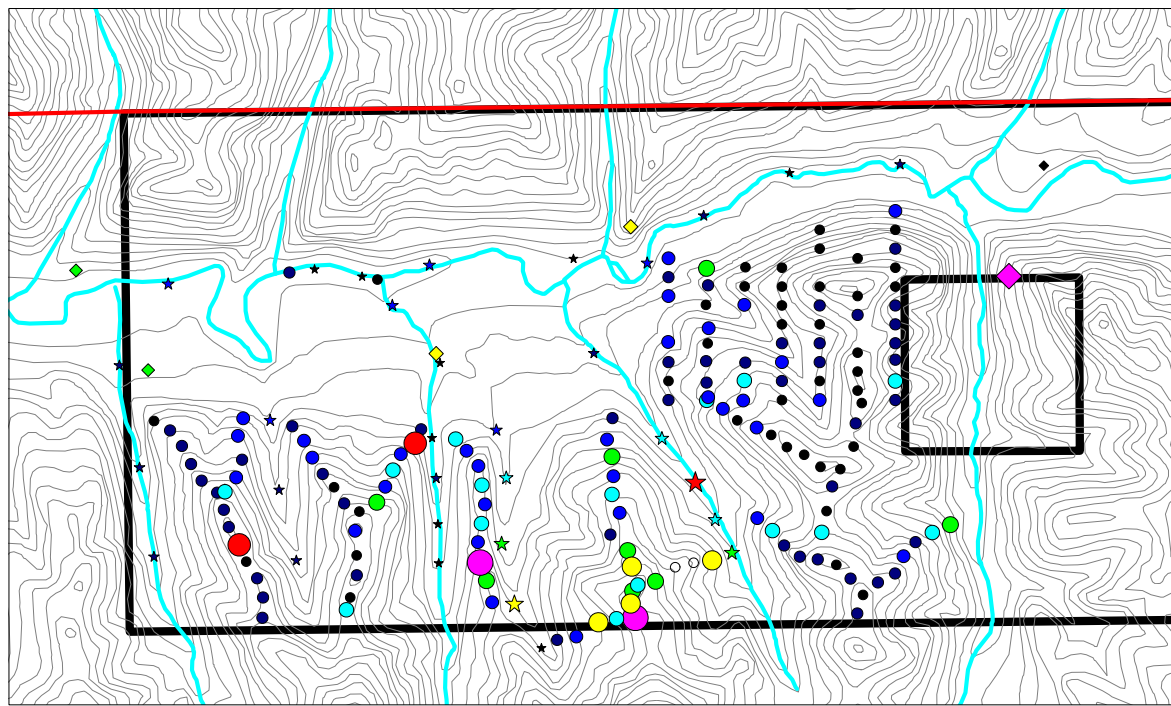
for: Au (ppb)

- 0.2 =< 1.5 [<30%] (41)
- 1.5 =< 3.3 [30<60%] (50)
- 3.3 =< 5.8 [60<80%] (31)
- 5.8 =< 7.8 [80<90%] (15)
- 7.8 =< 17.2 [90<95%] (8)
- 17.2 =< 22.4 [95<98%] (4)
- 22.4 =< 38.4 [98<99%] (2)
- 38.4 =< 52 [99% +] (2)

**Silt Percentiles**

for: Au (ppb)

- ★ 0.5 =< 1.7 [<30%] (9)
- ★ 1.7 =< 2.6 [30<60%] (9)
- ★ 2.6 =< 3.4 [60<80%] (6)
- ★ 3.4 =< 5.7 [80<90%] (3)
- ★ 5.7 =< 13.4 [90<95%] (2)
- ★ 13.4 =< 21.3 [95<98%] (1)
- ★ 21.3 =< 21.3 [98<99%] (1)



**GSC-RGS Percentiles**

for: Mo (ppm)

- ◆ 1 =< 1 [<30%] (0)
- ◆ 1 =< 3 [30<60%] (258)
- ◆ 3 =< 5 [60<80%] (84)
- ◆ 5 =< 7 [80<90%] (41)
- ◆ 7 =< 13 [90<95%] (27)
- ◆ 13 =< 23 [95<98%] (13)
- ◆ 23 =< 28 [98<99%] (4)
- ◆ 28 =< 48 [99% +] (5)

**Soil Percentiles**

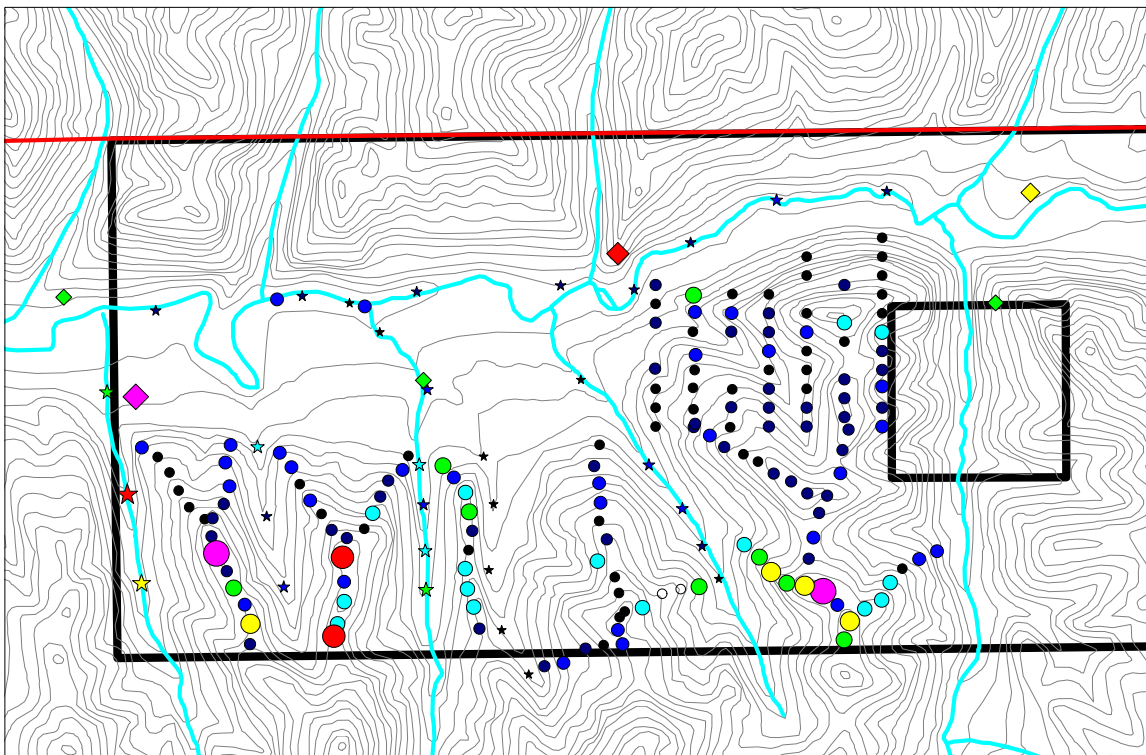
for: Mo (ppm)

- 0.58 =< 3.46 [<30%] (45)
- 3.46 =< 5.91 [30<60%] (46)
- 5.91 =< 11.14 [60<80%] (31)
- 11.14 =< 23.49 [80<90%] (15)
- 23.49 =< 43.55 [90<95%] (8)
- 43.55 =< 121.98 [95<98%] (4)
- 121.98 =< 156.35 [98<99%] (2)
- 156.35 =< 172.84 [99% +] (2)

**Silt Percentiles**

for: Mo (ppm)

- ★ 1.44 =< 5.8 [<30%] (9)
- ★ 5.8 =< 7.24 [30<60%] (9)
- ★ 7.24 =< 10.99 [60<80%] (6)
- ★ 10.99 =< 16.99 [80<90%] (3)
- ★ 16.99 =< 19.21 [90<95%] (2)
- ★ 19.21 =< 21.43 [95<98%] (1)
- ★ 21.43 =< 21.43 [98<99%] (1)



**GSC\_RGS Percentiles**

for: As\_ina (ppm)

- ◆ 2.4 =< 8.3 [<30%] (126)
- ◆ 8.3 =< 12 [30<60%] (101)
- ◆ 12 =< 16 [60<80%] (107)
- ◆ 16 =< 20 [80<90%] (42)
- ◆ 20 =< 26 [90<95%] (22)
- ◆ 26 =< 40 [95<98%] (14)
- ◆ 40 =< 47 [98<99%] (4)
- ◆ 47 =< 120 [99% +] (5)

**Soil Percentiles**

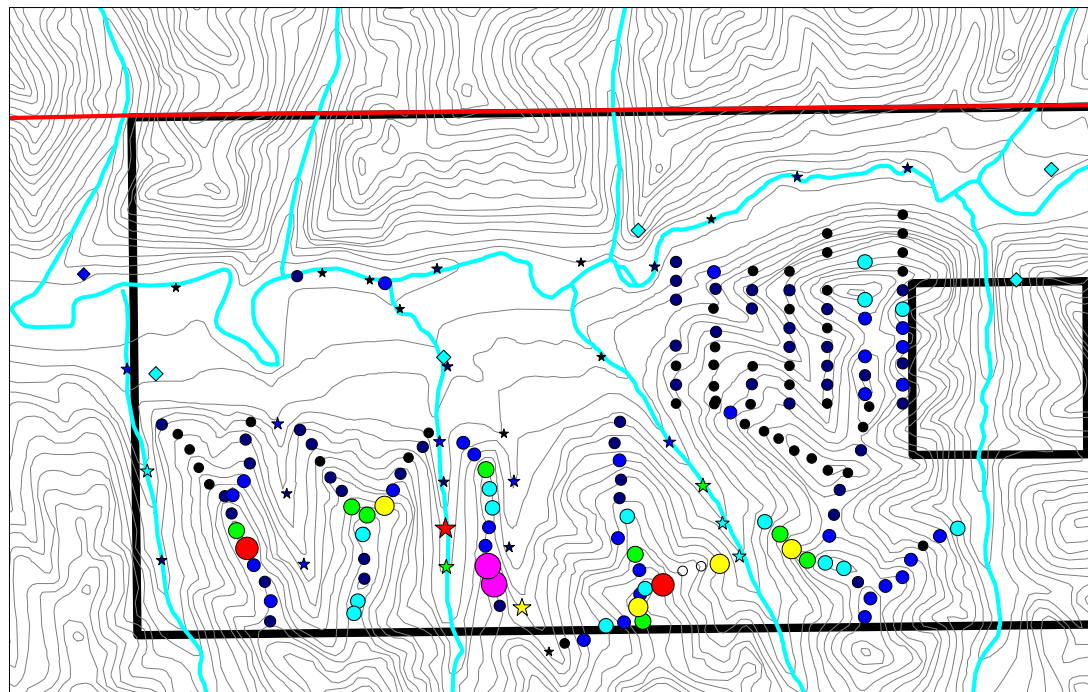
for: As (ppm)

- 2.8 =< 10.7 [<30%] (44)
- 10.7 =< 16.2 [30<60%] (47)
- 16.2 =< 32.4 [60<80%] (31)
- 32.4 =< 57.8 [80<90%] (15)
- 57.8 =< 108 [90<95%] (8)
- 108 =< 184.8 [95<98%] (4)
- 184.8 =< 393.2 [98<99%] (2)
- 393.2 =< 420.8 [99% +] (2)

**Silt Percentiles**

for: As (ppm)

- ★ 5.2 =< 11.1 [<30%] (9)
- ★ 11.1 =< 14 [30<60%] (9)
- ★ 14 =< 15.9 [60<80%] (6)
- ★ 15.9 =< 17.5 [80<90%] (3)
- ★ 17.5 =< 23.6 [90<95%] (2)
- ★ 23.6 =< 23.8 [95<98%] (1)
- ★ 23.8 =< 23.8 [98<99%] (1)



FACE Property, Yukon Territory

Au, Mo, As GEOCHEMISY

NTS 116C/10/15

UTM NAD 83

Scale 1:40,000

Nov. 10, 2011 RWH

Figure 7.

**GSC-RGS Percentiles**  
for: Pb (ppm)

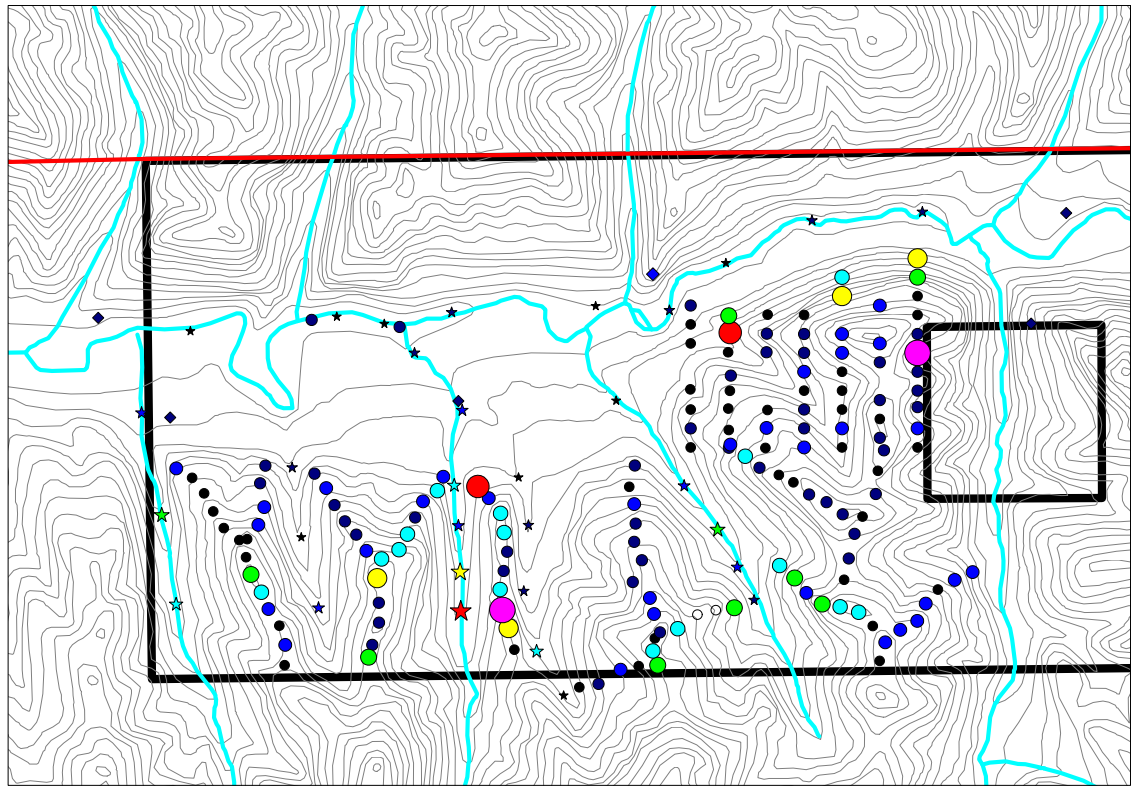
- ◆ 1 =< 11 [<30%] (129)
- ◆ 11 =< 20 [30<60%] (122)
- ◆ 20 =< 39 [60<80%] (89)
- ◆ 39 =< 64 [80<90%] (48)
- ◆ 64 =< 86 [90<95%] (21)
- ◆ 86 =< 145 [95<98%] (14)
- ◆ 145 =< 180 [98<99%] (4)
- ◆ 180 =< 680 [99%+] (5)

**Soil Percentiles**  
for: Pb (ppm)

- 7.25 =< 15.15 [<30%] (45)
- 15.15 =< 22 [30<60%] (46)
- 22 =< 37.92 [60<80%] (31)
- 37.92 =< 73.2 [80<90%] (15)
- 73.2 =< 101.48 [90<95%] (8)
- 101.48 =< 135.15 [95<98%] (4)
- 135.15 =< 162.96 [98<99%] (2)
- 162.96 =< 317.15 [99%+] (2)

**Silt Percentiles**  
for: Pb (ppm)

- ★ 12.38 =< 15.22 [<30%] (9)
- ★ 15.22 =< 19.41 [30<60%] (9)
- ★ 19.41 =< 24.96 [60<80%] (6)
- ★ 24.96 =< 27.8 [80<90%] (3)
- ★ 27.8 =< 33.79 [90<95%] (2)
- ★ 33.79 =< 35.94 [95<98%] (1)
- ★ 35.94 =< 35.94 [98<99%] (1)



**GSC-RGS Percentiles**  
for: Ag (ppb)

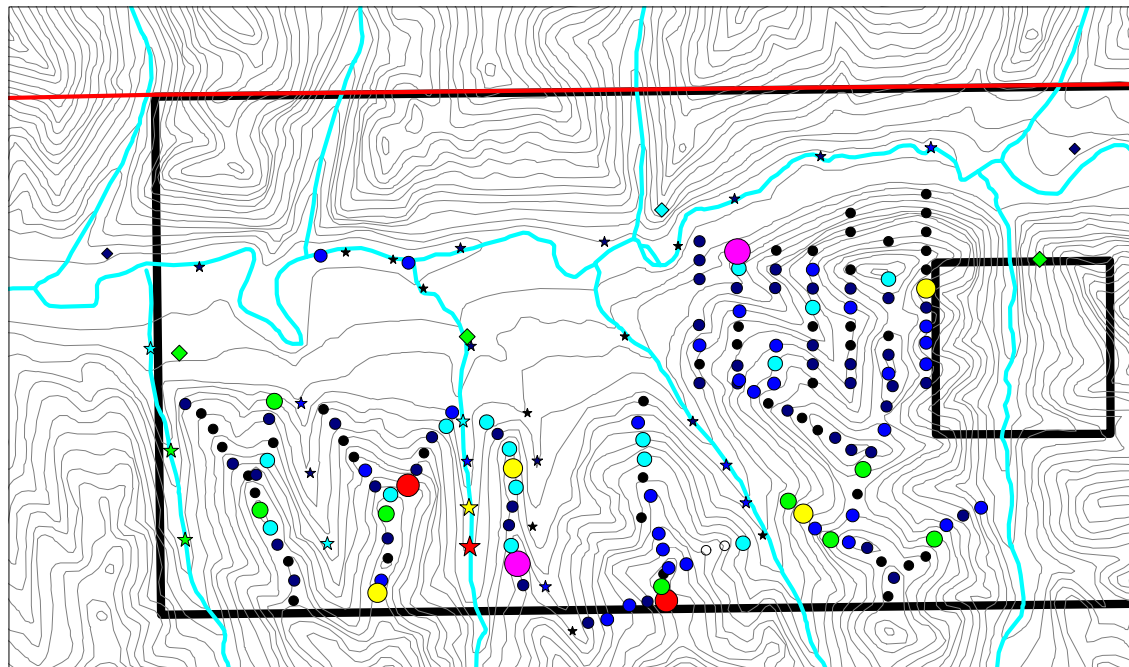
- ◆ 0.1 =< 0.1 [<30%] (0)
- ◆ 0.1 =< 0.1 [30<60%] (333)
- ◆ 0.1 =< 0.2 [60<80%] (0)
- ◆ 0.2 =< 0.4 [80<90%] (48)
- ◆ 0.4 =< 0.7 [90<95%] (28)
- ◆ 0.7 =< 1.4 [95<98%] (14)
- ◆ 1.4 =< 3 [98<99%] (4)
- ◆ 3 =< 5 [99%+] (5)

**Soil Percentiles**  
for: Ag (ppb)

- 33 =< 199 [<30%] (45)
- 199 =< 344 [30<60%] (46)
- 344 =< 584 [60<80%] (31)
- 584 =< 801 [80<90%] (15)
- 801 =< 1177 [90<95%] (8)
- 1177 =< 1657 [95<98%] (4)
- 1657 =< 1968 [98<99%] (2)
- 1968 =< 4161 [99%+] (2)

**Silt Percentiles**  
for: Ag (ppb)

- ★ 233 =< 327 [<30%] (9)
- ★ 327 =< 404 [30<60%] (9)
- ★ 404 =< 526 [60<80%] (6)
- ★ 526 =< 674 [80<90%] (3)
- ★ 674 =< 1035 [90<95%] (2)
- ★ 1035 =< 1094 [95<98%] (1)
- ★ 1094 =< 1094 [98<99%] (1)



**GSC-RGS Percentiles**  
for: Zn (ppm)

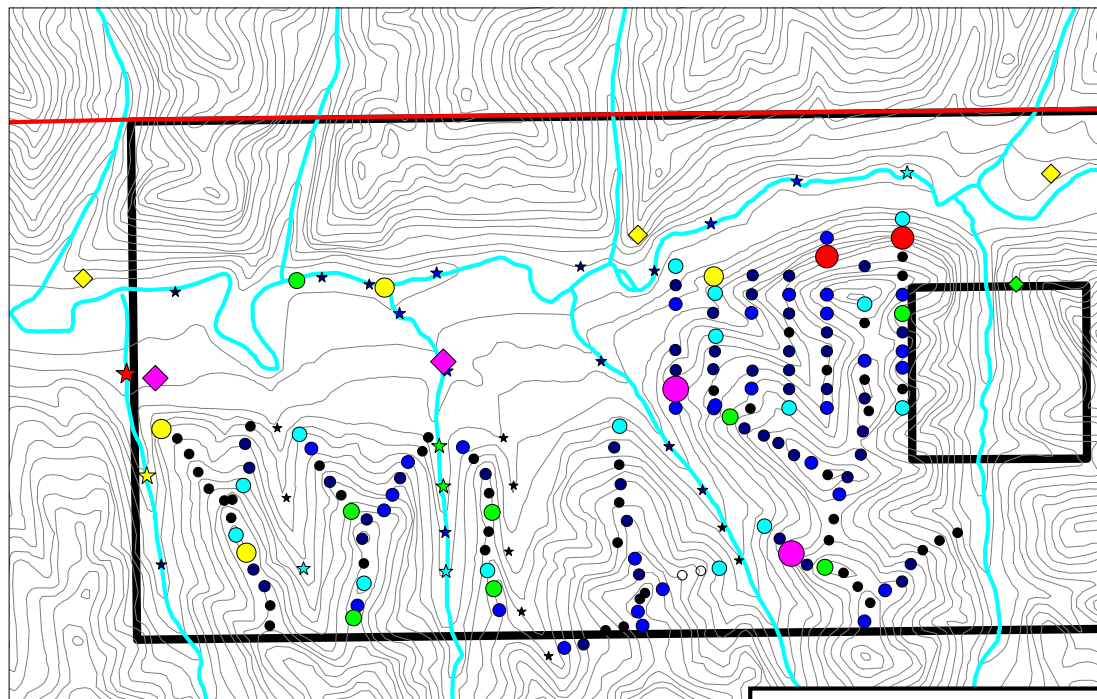
- ◆ 28 =< 112 [<30%] (127)
- ◆ 112 =< 184 [30<60%] (132)
- ◆ 184 =< 320 [60<80%] (86)
- ◆ 320 =< 525 [80<90%] (42)
- ◆ 525 =< 910 [90<95%] (22)
- ◆ 910 =< 1400 [95<98%] (14)
- ◆ 1400 =< 2120 [98<99%] (4)
- ◆ 2120 =< 7600 [99%+] (5)

**Soil Percentiles**  
for: Zn (ppm)

- 14.2 =< 86.5 [<30%] (45)
- 86.5 =< 111.6 [30<60%] (46)
- 111.6 =< 184.6 [60<80%] (31)
- 184.6 =< 238.5 [80<90%] (15)
- 238.5 =< 464.2 [90<95%] (8)
- 464.2 =< 650.8 [95<98%] (4)
- 650.8 =< 833.9 [98<99%] (2)
- 833.9 =< 1185 [99%+] (2)

**Silt Percentiles**  
for: Zn (ppm)

- ★ 85.5 =< 207.9 [<30%] (9)
- ★ 207.9 =< 394.8 [30<60%] (9)
- ★ 394.8 =< 469 [60<80%] (6)
- ★ 469 =< 513.3 [80<90%] (3)
- ★ 513.3 =< 867.9 [90<95%] (2)
- ★ 867.9 =< 1361.4 [95<98%] (1)
- ★ 1361.4 =< 1361.4 [98<99%] (1)



FACE Property, Yukon Territory

Pb, Zn, Ag GEOCHEMISY

NTS 116C/10/15

UTM NAD 83

Scale 1:40,000

Nov. 10, 2011 RWH

Figure 8.

## **APPENDIX A**

Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: July 25, 2011
Report Date: August 21, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000738.1

CLIENT JOB INFORMATION

Project: FACE
Shipment ID: 2011-03
P.O. Number
Number of Samples: 6

SAMPLE DISPOSAL

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

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

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

CC: David Clark
Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 3B01, and 1DX1.

ADDITIONAL COMMENTS



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



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

www.acmelab.com

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

Project: FACE  
 Report Date: August 21, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11000738.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
119501	Rock	1.49	<2	0.7	18.3	5.9	34	0.1	11.5	2.9	118	1.61	2.2	<0.5	1.5	19	0.3	0.3	<0.1	22	0.13
119502	Rock	0.25	<2	0.7	22.8	5.0	28	<0.1	8.4	2.4	56	0.93	1.8	<0.5	1.4	20	<0.1	0.2	0.1	10	0.05
119503	Rock	1.43	<2	0.7	26.9	5.0	98	<0.1	13.0	2.8	96	1.82	1.4	<0.5	0.5	16	0.4	0.2	<0.1	13	0.07
119504	Rock	1.39	5	0.9	8.9	6.8	12	0.1	3.7	1.0	37	0.79	1.3	<0.5	0.4	33	<0.1	0.2	<0.1	5	0.02
119505	Rock	1.59	3	65.1	20.5	14.2	15	0.5	13.3	0.2	21	12.68	58.3	<0.5	0.5	632	1.2	27.5	<0.1	284	0.07
119506	Rock	1.21	4	0.7	22.9	9.4	93	0.2	8.2	1.0	57	2.13	38.7	<0.5	0.3	90	0.6	1.3	<0.1	39	0.04



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Project: FACE  
 Report Date: August 21, 2011

Page: 2 of 2 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI11000738.1**

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
119501	Rock	0.034	5	13	0.25	202	<0.001	<20	0.46	0.011	0.10	<0.1	0.11	2.0	<0.1	0.15	2	1.2	<0.2
119502	Rock	0.015	1	5	0.09	436	0.002	<20	0.43	0.010	0.24	<0.1	0.06	1.6	<0.1	0.19	2	<0.5	<0.2
119503	Rock	0.009	<1	5	0.14	264	0.001	<20	0.44	0.007	0.15	<0.1	0.04	1.4	<0.1	0.35	1	<0.5	<0.2
119504	Rock	0.007	<1	3	0.02	671	<0.001	<20	0.18	0.009	0.14	<0.1	0.04	0.7	<0.1	0.25	<1	1.1	<0.2
119505	Rock	0.561	4	14	0.01	18	0.003	<20	0.16	0.170	0.67	0.1	0.12	1.0	0.9	3.00	1	51.7	0.3
119506	Rock	0.075	2	13	0.02	309	0.004	<20	0.15	0.004	0.05	<0.1	0.08	0.7	<0.1	0.33	<1	6.8	<0.2



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

Project: FACE  
 Report Date: August 21, 2011

Page: 1 of 1 Part 1

# QUALITY CONTROL REPORT

WHI11000738.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
119506	Rock	1.21	4	0.7	22.9	9.4	93	0.2	8.2	1.0	57	2.13	38.7	<0.5	0.3	90	0.6	1.3	<0.1	39	0.04
REP 119506	QC		3																		
Reference Materials																					
STD DS8	Standard		12.9	111.5	135.9	321	1.9	37.4	7.7	618	2.54	25.3	123.7	6.7	70	2.4	2.7	6.8	43	0.74	
STD OREAS45CA	Standard		0.6	496.0	18.1	62	0.3	261.5	88.5	906	15.27	3.2	36.2	6.1	16	0.1	<0.1	0.2	201	0.42	
STD OXC88	Standard		197																		
STD OXH82	Standard		1299																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
Prep Wash																					
G1	Prep Blank		<2	0.1	2.9	3.0	48	<0.1	3.8	4.2	571	2.02	0.5	<0.5	5.2	70	<0.1	<0.1	<0.1	39	0.51



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 Vancouver BC V6C 2G8 Canada

Project: FACE  
 Report Date: August 21, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000738.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
119506	Rock	0.075	2	13	0.02	309	0.004	<20	0.15	0.004	0.05	<0.1	0.08	0.7	<0.1	0.33	<1	6.8	<0.2	
REP 119506	QC																			
Reference Materials																				
STD DS8	Standard	0.077	14	119	0.63	285	0.104	<20	0.94	0.096	0.41	2.1	0.21	2.2	5.9	0.16	5	5.6	4.8	
STD OREAS45CA	Standard	0.037	15	683	0.13	172	0.113	<20	3.67	0.012	0.07	<0.1	0.03	35.3	<0.1	<0.05	19	0.5	<0.2	
STD OXC88	Standard																			
STD OXH82	Standard																			
STD OXC88 Expected																				
STD OXH82 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																				
G1	Prep Blank	0.077	10	7	0.59	226	0.125	<20	1.01	0.082	0.49	<0.1	<0.01	2.1	0.2	<0.05	5	<0.5	<0.2	





1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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

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

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 30, 2011  
Report Date: August 18, 2011  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI11000788.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2011-001  
P.O. Number: NA-10337  
Number of Samples: 31

### SAMPLE DISPOSAL

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

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

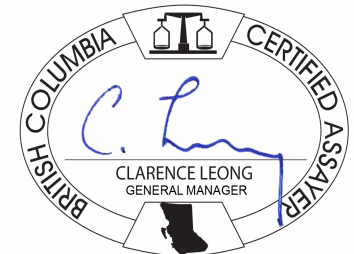
Invoice To: Radius Gold Inc.  
830 - 355 Burrard St.  
Vancouver BC V6C 2G8  
Canada

CC: David Clark  
database backup  
Simon Ridgway  
Scott Turton

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S150	31	Sieve to 150 mesh			WHI
1F03	31	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
3B01+3B04	31	lead collection fire assay - ICP-ES finish	50	Completed	VAN
RJSV	31	Saving all or part of Soil Reject			WHI

### ADDITIONAL COMMENTS



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



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Project: FACE  
 Report Date: August 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000788.1

Method	1F30	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	
119751	Silt	4.09	36.86	17.59	169.5	303	29.3	6.6	392	2.24	15.9	1.4	5.7	3.4	54.0	2.28	2.56	0.15	76	0.49	0.113
119752	Silt	6.65	45.13	22.47	204.7	404	36.1	7.2	367	2.27	17.3	1.7	4.8	3.3	54.9	3.04	3.48	0.18	95	0.47	0.124
119753	Silt	9.33	48.85	27.80	207.9	489	34.4	6.9	347	2.38	20.1	1.9	21.3	2.8	68.2	3.51	4.30	0.16	108	0.44	0.116
119754	Silt	8.78	40.22	19.77	218.9	384	35.3	6.4	300	2.52	14.9	1.6	4.2	2.7	50.8	3.52	3.29	0.15	91	0.40	0.094
119755	Silt	11.99	72.80	24.96	594.5	650	58.2	10.6	587	5.08	14.1	8.4	1.2	2.5	75.5	3.80	4.57	0.17	164	0.73	0.146
119756	Silt	8.23	50.91	19.41	513.3	432	54.6	8.9	365	5.39	11.9	8.4	2.0	2.7	61.8	2.40	3.27	0.15	106	0.64	0.116
119757	Silt	16.35	97.95	33.79	436.7	1035	58.7	5.5	264	2.97	23.8	6.6	0.7	2.3	90.8	5.36	7.27	0.17	271	0.65	0.220
119758	Silt	16.99	110.6	35.94	472.9	1094	64.1	8.0	457	2.34	17.5	6.1	0.7	2.7	91.7	5.84	7.20	0.21	252	0.86	0.228
119759	Silt	7.24	41.41	21.18	429.3	370	43.9	8.9	402	4.04	13.1	5.0	1.6	3.0	69.3	2.44	3.68	0.13	101	0.89	0.094
119760	Silt	4.46	32.20	16.05	404.3	286	39.6	7.8	338	3.39	11.0	3.0	2.7	3.1	53.8	1.77	2.44	0.13	80	0.60	0.098
119761	Silt	5.72	35.47	14.84	360.3	303	53.6	9.7	290	2.16	10.1	2.1	1.4	2.8	61.5	2.75	2.30	0.12	91	2.37	0.123
119762	Silt	6.24	37.16	14.66	368.9	324	53.0	9.6	304	2.13	10.2	2.3	1.5	2.7	64.8	2.69	2.47	0.13	91	2.66	0.123
119763	Silt	6.99	43.22	15.32	443.2	398	65.7	10.5	312	2.21	11.1	2.2	2.9	2.7	63.2	3.65	2.62	0.14	103	1.86	0.113
119764	Silt	6.34	39.73	14.10	382.4	361	58.9	9.7	257	2.11	10.4	2.2	0.5	2.8	63.9	3.41	2.62	0.14	100	2.22	0.123
119765	Silt	6.43	36.53	16.60	285.8	289	48.8	8.3	324	2.26	12.2	1.2	2.9	2.7	46.8	6.85	2.38	0.15	68	0.50	0.089
119766	Silt	3.80	38.39	15.03	276.7	258	50.1	8.2	198	2.03	9.8	1.2	1.8	2.8	50.6	2.74	2.01	0.15	62	0.78	0.078
119601	Silt	1.44	28.04	14.93	167.5	256	25.3	10.1	876	2.01	5.2	1.6	1.1	2.1	37.1	2.59	0.53	0.21	28	0.56	0.063
119602	Silt	4.37	53.84	25.16	158.9	448	31.2	9.0	555	3.29	23.6	1.6	13.4	4.1	81.1	1.50	3.00	0.22	104	0.49	0.136
119603	Silt	2.69	31.12	15.22	108.5	271	20.6	5.8	254	2.10	13.7	1.1	6.1	3.0	47.8	1.06	1.74	0.14	61	0.39	0.099
119604	Silt	3.32	31.84	17.00	100.7	327	22.3	6.0	210	2.11	15.5	1.2	3.4	2.8	55.4	1.05	1.91	0.14	64	0.44	0.103
119605	Silt	2.31	23.25	12.38	85.5	233	20.2	5.7	183	1.90	10.1	1.0	2.6	3.3	45.5	0.78	1.48	0.11	58	0.49	0.096
119606	Silt	10.99	53.18	17.54	195.2	428	34.6	5.3	149	2.10	14.0	2.7	2.8	3.2	51.0	3.21	6.77	0.13	257	0.60	0.100
119607	Silt	5.80	36.31	15.14	134.8	345	28.8	6.5	202	1.96	12.6	1.8	2.1	3.2	52.8	1.85	3.34	0.13	122	0.76	0.099
119608	Silt	10.79	56.70	22.61	501.1	526	51.0	4.4	117	1.49	15.0	3.6	1.9	1.7	54.8	4.99	6.50	0.14	419	0.43	0.093
119609	Silt	19.21	81.30	27.15	237.4	779	37.2	2.7	99	1.22	12.4	4.1	1.9	1.4	79.6	5.42	9.33	0.15	290	0.45	0.105
119610	Silt	21.43	71.77	28.34	867.9	674	86.8	10.5	538	2.41	16.1	4.0	1.9	2.1	79.3	6.30	7.37	0.18	265	0.65	0.146
119611	Silt	18.93	62.47	24.52	1361	547	107.8	15.1	605	2.78	14.4	5.4	1.8	2.3	69.6	11.32	6.56	0.17	237	0.56	0.132
119612	Silt	6.22	38.93	14.82	365.7	331	55.6	9.6	286	2.19	10.4	2.0	3.0	2.8	63.8	3.16	2.39	0.13	100	2.48	0.117
119613	Silt	7.20	43.64	15.45	469.0	444	71.8	10.8	318	2.19	11.2	2.4	1.7	2.7	70.3	3.90	2.78	0.13	121	2.45	0.122
119614	Silt	7.32	41.55	17.33	427.1	393	63.7	11.4	349	2.35	11.9	2.6	0.6	3.0	76.0	3.73	2.73	0.15	121	3.24	0.140

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

Project: FACE  
 Report Date: August 18, 2011

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI11000788.1

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	0.1	0.02	0.02	5	0.1	0.02	0.1	2
119751	Silt	11.6	23.9	0.39	435.6	0.029	3	0.84	0.013	0.08	0.2	2.6	0.23	0.04	108	2.5	0.11	2.8	5
119752	Silt	11.1	24.6	0.37	555.4	0.024	3	0.85	0.012	0.09	0.2	2.8	0.34	0.05	123	3.1	0.11	3.0	6
119753	Silt	9.4	21.9	0.29	670.6	0.017	3	0.78	0.011	0.09	0.2	2.5	0.42	0.08	133	4.3	0.08	2.6	5
119754	Silt	9.2	21.3	0.30	596.5	0.020	2	0.77	0.012	0.08	0.2	2.4	0.39	0.06	110	3.5	0.07	2.4	9
119755	Silt	10.0	21.8	0.24	461.2	0.009	5	0.79	0.009	0.13	0.1	2.5	0.36	0.13	134	5.6	0.05	2.3	4
119756	Silt	9.9	20.1	0.30	543.2	0.019	3	0.82	0.012	0.10	0.2	2.4	0.32	0.09	109	3.7	0.05	2.4	3
119757	Silt	9.2	32.9	0.22	534.2	0.008	4	0.80	0.008	0.16	0.2	2.6	0.49	0.15	218	9.4	0.12	2.6	6
119758	Silt	11.7	31.4	0.27	340.6	0.007	5	0.83	0.009	0.18	0.1	3.1	0.36	0.15	197	8.6	0.12	2.6	4
119759	Silt	9.8	19.3	0.39	555.4	0.024	3	0.78	0.014	0.09	0.2	2.4	0.34	0.07	63	3.3	0.11	2.5	2
119760	Silt	10.9	20.4	0.34	545.9	0.030	3	0.80	0.014	0.08	0.2	2.3	0.26	0.06	110	2.4	0.10	2.6	5
119761	Silt	8.2	23.7	1.14	432.5	0.016	5	0.71	0.010	0.11	0.1	2.7	0.31	0.18	78	2.3	0.03	2.3	3
119762	Silt	8.3	25.0	1.27	452.2	0.014	4	0.69	0.009	0.11	0.1	2.7	0.32	0.16	96	2.6	0.06	2.2	<2
119763	Silt	8.2	25.2	0.92	556.4	0.013	4	0.79	0.011	0.11	0.1	2.8	0.38	0.13	99	2.6	0.04	2.5	2
119764	Silt	8.3	24.4	1.07	482.8	0.014	3	0.72	0.010	0.11	<0.1	2.8	0.35	0.15	97	2.6	0.06	2.3	3
119765	Silt	9.3	20.8	0.34	550.9	0.018	1	0.79	0.012	0.08	0.2	2.5	0.34	0.06	78	2.4	0.07	2.5	5
119766	Silt	7.3	22.3	0.50	678.3	0.011	2	0.88	0.012	0.10	<0.1	2.8	0.33	0.08	64	2.3	0.04	2.6	3
119601	Silt	7.6	20.4	0.39	283.4	0.008	3	1.16	0.007	0.12	0.1	2.6	0.16	0.06	80	0.9	0.05	3.1	<2
119602	Silt	12.1	32.2	0.37	589.5	0.033	3	1.16	0.013	0.12	0.2	3.4	0.28	0.12	136	2.2	0.14	3.6	5
119603	Silt	10.5	21.0	0.30	409.3	0.031	2	0.77	0.011	0.07	0.2	2.4	0.18	0.05	82	1.7	0.06	2.7	40
119604	Silt	10.2	21.9	0.33	578.6	0.026	3	0.80	0.012	0.07	0.2	2.3	0.19	0.05	84	2.7	0.07	2.7	8
119605	Silt	11.7	21.1	0.35	530.7	0.037	2	0.77	0.014	0.06	0.4	2.2	0.17	0.04	64	1.6	0.03	2.6	11
119606	Silt	10.6	24.6	0.35	377.6	0.032	4	0.68	0.014	0.08	0.4	2.3	0.43	0.09	110	4.7	0.09	2.5	<2
119607	Silt	11.2	23.1	0.46	403.7	0.036	4	0.78	0.016	0.08	0.2	2.5	0.31	0.05	84	3.0	0.05	2.8	5
119608	Silt	8.2	27.1	0.23	327.2	0.012	6	0.68	0.006	0.11	0.2	2.3	0.62	0.06	143	4.9	0.05	2.7	16
119609	Silt	5.5	18.1	0.14	294.9	0.003	4	0.46	0.005	0.11	<0.1	1.9	0.69	0.15	184	5.9	0.09	1.9	4
119610	Silt	9.0	20.9	0.23	325.7	0.005	4	0.66	0.006	0.11	0.1	2.1	0.48	0.12	179	6.4	0.10	2.4	4
119611	Silt	8.8	20.7	0.23	312.0	0.007	2	0.77	0.006	0.10	0.1	2.2	0.45	0.10	131	5.8	0.08	2.4	4
119612	Silt	8.3	25.8	1.17	456.7	0.014	5	0.74	0.010	0.11	<0.1	2.8	0.33	0.15	89	2.4	0.05	2.5	5
119613	Silt	8.0	27.8	1.13	499.8	0.012	6	0.75	0.010	0.13	<0.1	3.0	0.36	0.17	103	3.3	0.04	2.5	5
119614	Silt	8.2	33.5	1.51	383.8	0.012	6	0.76	0.010	0.15	<0.1	3.2	0.39	0.28	101	3.2	0.08	2.4	4

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 Vancouver BC V6C 2G8 Canada

Project: FACE  
 Report Date: August 18, 2011

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI11000788.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
119615 Silt	6.04	37.22	14.20	394.8	344	56.4	9.7	303	2.10	10.0	2.2	2.5	2.8	74.2	3.11	2.29	0.13	97	2.70	0.125



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 Vancouver BC V6C 2G8 Canada

**Project:** FACE  
**Report Date:** August 18, 2011

**Page:** 3 of 3 Part 2

**CERTIFICATE OF ANALYSIS**

**WHI11000788.1**

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
119615 Silt	8.0	24.5	1.30	405.8	0.013	3	0.70	0.011	0.11	0.1	2.9	0.33	0.19	83	2.7	0.05	2.3	3



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Project: FACE  
 Report Date: August 18, 2011

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QUALITY CONTROL REPORT

WHI11000788.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30		
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001		
Pulp Duplicates																						
119751	Silt	4.09	36.86	17.59	169.5	303	29.3	6.6	392	2.24	15.9	1.4	5.7	3.4	54.0	2.28	2.56	0.15	76	0.49	0.113	
REP 119751	QC	4.05	36.13	17.29	169.0	304	28.3	6.6	388	2.20	15.3	1.4	5.8	3.4	52.4	2.18	2.54	0.15	75	0.48	0.109	
119602	Silt	4.37	53.84	25.16	158.9	448	31.2	9.0	555	3.29	23.6	1.6	13.4	4.1	81.1	1.50	3.00	0.22	104	0.49	0.136	
REP 119602	QC	4.45	52.88	24.74	158.4	459	30.4	9.0	553	3.29	24.6	1.6	12.6	4.1	86.0	1.52	3.02	0.20	103	0.49	0.136	
119607	Silt	5.80	36.31	15.14	134.8	345	28.8	6.5	202	1.96	12.6	1.8	2.1	3.2	52.8	1.85	3.34	0.13	122	0.76	0.099	
REP 119607	QC																					
119612	Silt	6.22	38.93	14.82	365.7	331	55.6	9.6	286	2.19	10.4	2.0	3.0	2.8	63.8	3.16	2.39	0.13	100	2.48	0.117	
REP 119612	QC	6.29	38.53	15.12	373.8	335	56.0	9.7	282	2.21	10.5	2.1	1.6	2.8	65.7	3.25	2.49	0.13	102	2.49	0.117	
Reference Materials																						
STD DS8	Standard	12.74	107.0	123.6	311.4	1720	36.2	7.2	583	2.33	24.2	2.8	106.6	7.0	62.0	2.28	4.56	6.52	38	0.69	0.076	
STD DS8	Standard	12.36	110.3	118.0	288.3	1623	37.1	7.5	585	2.36	23.7	2.6	110.5	6.7	62.5	2.25	5.54	6.14	40	0.69	0.074	
STD OXC88	Standard																					
STD OXC88	Standard																					
STD OXC88	Standard																					
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	
STD OXC88 Expected																						
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank																					
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BLK	Blank																					



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Project: FACE  
 Report Date: August 18, 2011

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QUALITY CONTROL REPORT

WHI11000788.1

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																			
119751	Silt	11.6	23.9	0.39	435.6	0.029	3	0.84	0.013	0.08	0.2	2.6	0.23	0.04	108	2.5	0.11	2.8	5
REP 119751	QC	12.0	22.8	0.38	448.8	0.030	3	0.83	0.013	0.08	0.2	2.6	0.21	0.03	106	2.5	0.11	2.7	
119602	Silt	12.1	32.2	0.37	589.5	0.033	3	1.16	0.013	0.12	0.2	3.4	0.28	0.12	136	2.2	0.14	3.6	5
REP 119602	QC	12.6	32.2	0.37	589.7	0.034	5	1.17	0.013	0.12	0.2	3.5	0.30	0.13	149	2.5	0.13	3.7	
119607	Silt	11.2	23.1	0.46	403.7	0.036	4	0.78	0.016	0.08	0.2	2.5	0.31	0.05	84	3.0	0.05	2.8	5
REP 119607	QC																		5
119612	Silt	8.3	25.8	1.17	456.7	0.014	5	0.74	0.010	0.11	<0.1	2.8	0.33	0.15	89	2.4	0.05	2.5	5
REP 119612	QC	8.5	25.7	1.18	472.4	0.015	4	0.76	0.010	0.12	0.1	2.9	0.35	0.16	81	2.5	0.09	2.4	
Reference Materials																			
STD DS8	Standard	16.3	110.4	0.58	257.4	0.111	2	0.88	0.087	0.39	2.7	2.2	5.08	0.15	227	4.9	4.77	4.7	
STD DS8	Standard	14.8	117.6	0.59	262.8	0.115	3	0.94	0.108	0.43	3.0	2.5	5.25	0.16	205	5.0	4.78	4.2	
STD OXC88	Standard																		203
STD OXC88	Standard																		201
STD OXC88	Standard																		201
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	
STD OXC88 Expected																			203
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																		<2
BLK	Blank																		<2
BLK	Blank																		<2



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

Submitted By: Roger Hulstein  
Receiving Lab: Canada-Whitehorse  
Received: July 30, 2011  
Report Date: August 14, 2011  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

WHI11000789.1

### CLIENT JOB INFORMATION

Project: FACE  
Shipment ID: 2011-002  
P.O. Number: NA-10337  
Number of Samples: 155

### SAMPLE DISPOSAL

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

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

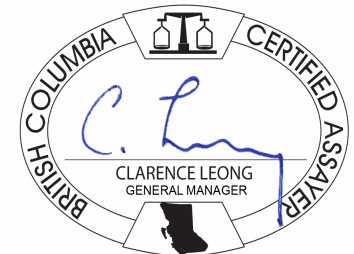
Invoice To: Radius Gold Inc.  
830 - 355 Burrard St.  
Vancouver BC V6C 2G8  
Canada

CC: David Clark  
database backup  
Simon Ridgway  
Scott Turton

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	153	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	153	Dry at 60C			WHI
1F05	153	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	153	Saving all or part of Soil Reject			WHI

### ADDITIONAL COMMENTS



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





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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

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
119551	Soil	4.09	31.21	14.32	86.7	360	19.9	5.7	134	2.19	11.6	1.2	3.4	3.0	40.8	0.58	2.17	0.15	77	0.24	0.069
119552	Soil	7.51	34.49	16.76	87.4	611	24.0	4.6	111	2.20	14.0	1.9	4.7	1.0	36.8	1.18	4.26	0.18	119	0.20	0.091
119553	Soil	4.29	47.42	20.74	90.4	360	35.7	8.8	174	4.47	52.5	0.8	4.1	2.8	68.2	0.28	2.22	0.22	160	0.12	0.124
119554	Soil	3.31	90.21	27.80	181.1	475	52.5	6.1	289	5.35	69.6	4.8	12.4	2.3	126.2	1.82	2.01	0.24	314	0.16	0.560
119555	Soil	2.39	19.91	12.67	77.2	114	23.1	9.4	228	3.30	21.1	0.5	7.8	2.9	31.6	0.37	1.12	0.18	94	0.12	0.039
119556	Soil	8.53	107.4	74.01	171.2	1657	39.6	7.3	2414	3.81	83.9	1.3	52.0	1.6	136.2	0.79	6.05	0.41	78	0.08	0.236
119557	Soil	1.98	35.15	12.86	54.3	219	18.0	5.9	154	2.43	16.9	0.7	6.3	3.0	35.0	0.41	1.29	0.18	66	0.15	0.062
119558	Soil	5.81	28.64	29.45	72.0	482	18.2	4.8	232	3.48	35.9	0.9	20.0	1.6	97.5	0.40	2.19	0.25	96	0.15	0.115
119559	Soil	6.87	19.25	20.50	111.4	489	20.4	6.9	520	2.68	21.3	0.8	3.5	1.9	52.4	2.35	1.97	0.22	98	0.18	0.115
119560	Soil	3.70	18.71	14.58	124.7	309	18.2	5.5	109	2.30	8.9	0.4	1.7	1.7	15.3	0.75	0.99	0.20	47	0.10	0.043
119561	Soil	3.44	26.20	23.59	47.1	519	13.5	2.6	61	1.29	7.4	1.2	2.3	0.2	52.2	0.57	2.63	0.17	55	0.14	0.075
119562	Soil	9.23	33.09	53.30	59.5	689	18.2	4.2	102	2.59	16.1	0.9	22.4	2.4	66.5	0.44	7.96	0.21	91	0.11	0.057
119563	Soil	3.93	16.74	22.73	152.3	230	16.7	4.4	174	2.04	9.8	0.5	3.7	1.5	21.2	0.46	2.25	0.21	48	0.06	0.060
119564	Soil	4.23	24.47	21.41	87.0	190	17.8	5.2	126	2.04	11.6	0.8	5.8	2.4	30.3	0.56	1.63	0.23	47	0.12	0.060
119565	Soil	14.31	41.19	44.96	144.1	269	12.7	2.5	33	4.08	25.7	0.5	5.7	2.7	71.1	0.24	2.69	0.30	44	0.05	0.086
119566	Soil	3.17	48.20	56.68	127.9	1764	18.5	2.8	149	8.34	169.0	1.4	16.0	0.2	238.6	0.69	5.75	0.37	167	0.09	0.472
119567	Soil	3.99	19.65	38.03	103.5	647	11.2	2.8	100	4.15	57.8	0.5	1.4	1.6	58.2	0.84	4.61	0.25	106	0.05	0.090
119568	Soil	136.6	38.44	111.7	86.5	1005	14.2	4.1	171	2.78	42.7	4.0	3.3	0.9	339.7	1.75	30.22	0.46	495	0.06	0.266
119569	Soil	9.78	8.09	21.86	63.0	213	8.9	2.1	65	1.46	11.6	0.4	<0.2	0.4	32.3	0.66	4.76	0.13	223	0.07	0.050
119570	Soil	11.14	19.02	19.41	191.1	116	22.4	4.6	117	1.95	14.1	1.1	2.0	2.5	20.0	0.90	5.61	0.17	496	0.11	0.026
119571	Soil	23.43	36.87	19.85	170.9	350	35.1	5.0	105	2.47	39.4	2.9	<0.2	2.7	31.4	1.52	7.31	0.18	641	0.05	0.060
119572	Soil	122.0	81.85	91.01	291.2	1236	42.6	1.5	35	2.39	57.1	15.7	6.7	1.4	81.2	4.83	23.10	0.25	2737	0.03	0.041
119573	Soil	3.77	104.0	37.67	311.4	222	45.3	6.4	311	12.62	82.9	1.3	2.7	0.6	67.2	0.43	3.91	0.32	171	0.03	0.297
119574	Soil	2.86	9.93	16.08	80.2	353	11.7	3.8	116	2.32	11.0	0.4	<0.2	2.4	23.5	0.49	1.57	0.18	80	0.07	0.030
119575	Soil	6.22	18.14	21.89	110.4	169	12.3	3.5	95	2.33	11.9	0.5	3.1	2.1	34.2	0.38	2.38	0.22	48	0.08	0.032
119576	Soil	3.34	13.16	15.67	55.8	98	9.2	2.7	71	1.78	7.5	0.3	4.6	1.4	17.6	0.17	0.98	0.15	51	0.07	0.025
119577	Soil	9.25	48.36	25.14	167.7	266	22.6	3.6	41	3.06	16.1	0.8	3.5	2.7	45.7	0.96	2.56	0.23	42	0.06	0.058
119578	Soil	8.76	26.31	20.32	210.2	186	27.5	4.2	97	2.29	15.3	1.1	2.2	2.0	37.6	1.34	3.34	0.17	125	0.14	0.066
119579	Soil	4.55	15.10	17.85	78.3	318	9.0	2.1	55	1.59	10.2	0.2	0.2	1.3	21.9	0.30	1.47	0.18	57	0.03	0.036
119580	Soil	4.04	18.45	14.48	97.1	278	16.2	3.7	57	1.97	9.5	0.2	2.1	1.2	18.1	0.56	1.62	0.17	49	0.03	0.028

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Project: FACE  
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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	
119551	Soil	11.2	24.2	0.29	668.4	0.028	2	1.15	0.008	0.06	0.1	2.1	0.23	<0.02	64	2.1	0.07	3.2	0.69	<0.1	0.04
119552	Soil	12.0	26.5	0.27	389.4	0.021	<1	1.39	0.005	0.06	0.1	2.1	0.56	0.03	155	3.2	0.08	4.3	1.07	<0.1	<0.02
119553	Soil	7.6	50.1	0.35	1047	0.014	2	2.76	0.007	0.11	0.1	2.7	0.41	0.17	41	4.0	0.27	6.9	1.55	<0.1	0.05
119554	Soil	7.9	90.5	0.10	1345	0.012	2	5.26	0.001	0.07	0.2	2.4	0.60	0.12	183	3.5	0.30	4.8	2.46	<0.1	0.10
119555	Soil	9.0	34.5	0.45	462.3	0.031	<1	2.25	0.006	0.05	0.1	2.2	0.19	0.04	14	1.2	0.06	5.4	1.30	<0.1	0.04
119556	Soil	4.7	31.9	0.03	308.8	0.004	6	1.52	0.044	0.16	<0.1	3.0	0.54	0.52	1461	6.6	0.54	2.0	2.15	<0.1	0.02
119557	Soil	9.2	29.3	0.36	295.0	0.024	3	1.42	0.009	0.05	0.1	2.3	0.19	0.04	54	0.9	0.18	3.8	0.89	<0.1	0.08
119558	Soil	7.9	31.6	0.27	910.3	0.010	3	1.46	0.022	0.12	<0.1	2.0	0.53	0.27	143	3.3	0.19	4.0	0.72	<0.1	<0.02
119559	Soil	7.4	23.4	0.26	722.2	0.016	3	1.08	0.011	0.09	0.2	1.8	0.26	0.08	24	2.0	0.08	3.7	0.66	<0.1	<0.02
119560	Soil	6.3	13.7	0.19	451.6	0.015	1	0.76	0.006	0.07	0.1	1.4	0.13	0.03	47	0.6	0.05	3.2	0.78	<0.1	0.02
119561	Soil	8.6	18.7	0.18	428.6	0.015	3	0.67	0.006	0.06	0.1	0.6	0.44	0.04	166	3.4	0.13	3.2	1.00	<0.1	<0.02
119562	Soil	6.8	25.5	0.28	776.0	0.012	4	1.09	0.012	0.08	0.1	1.5	0.60	0.13	318	5.4	<0.02	2.9	1.24	<0.1	0.07
119563	Soil	4.7	17.1	0.17	492.0	0.003	<1	1.20	0.017	0.08	<0.1	1.6	0.52	0.09	24	1.7	0.08	3.2	1.52	<0.1	<0.02
119564	Soil	7.1	16.3	0.27	1100	0.011	2	0.86	0.006	0.06	<0.1	1.8	0.25	0.11	61	1.7	0.06	2.4	0.65	<0.1	0.02
119565	Soil	2.4	15.2	0.09	324.4	0.002	<1	0.71	0.066	0.16	<0.1	1.2	1.74	0.51	88	4.2	0.11	2.5	1.79	<0.1	<0.02
119566	Soil	11.0	61.3	0.13	2136	0.016	1	0.88	0.019	0.16	0.2	<0.1	0.31	1.00	63	11.5	0.36	3.7	1.19	0.2	<0.02
119567	Soil	7.2	24.7	0.13	559.9	0.015	<1	1.30	0.030	0.06	<0.1	1.0	0.26	0.28	9	4.5	0.15	4.9	0.90	<0.1	0.02
119568	Soil	7.3	24.5	0.06	1208	0.004	2	1.05	0.001	0.32	0.5	1.7	5.17	0.79	87	20.3	0.44	3.8	1.96	<0.1	0.08
119569	Soil	4.0	23.8	0.13	306.0	0.008	4	0.91	0.005	0.06	0.1	0.8	0.30	0.07	38	4.3	0.18	3.2	0.86	<0.1	<0.02
119570	Soil	7.6	33.5	0.24	249.4	0.021	1	1.56	0.006	0.05	0.1	1.9	0.78	<0.02	43	1.6	0.15	4.6	1.29	<0.1	0.08
119571	Soil	7.9	40.9	0.24	189.8	0.021	2	1.87	0.006	0.06	0.2	2.4	1.37	0.05	48	1.8	0.15	6.1	1.63	<0.1	0.07
119572	Soil	4.3	91.0	0.14	355.1	0.011	11	1.63	0.007	0.16	0.7	4.3	7.70	0.25	295	12.4	0.54	7.4	4.11	<0.1	0.03
119573	Soil	7.0	62.8	0.10	2334	0.015	2	0.87	0.005	0.04	0.3	1.4	0.19	0.07	18	7.0	0.56	4.2	0.92	<0.1	<0.02
119574	Soil	9.0	21.2	0.19	266.6	0.023	<1	1.29	0.010	0.04	0.2	1.4	0.21	0.05	24	1.5	0.05	5.0	1.31	<0.1	0.03
119575	Soil	5.0	19.4	0.20	740.2	0.006	2	1.13	0.017	0.09	<0.1	1.6	0.68	0.14	26	2.1	0.06	3.4	1.59	<0.1	<0.02
119576	Soil	6.6	15.1	0.16	522.9	0.013	3	0.92	0.009	0.07	<0.1	1.1	0.31	0.05	23	1.3	<0.02	4.2	1.36	<0.1	<0.02
119577	Soil	3.8	17.8	0.14	1698	0.004	5	0.76	0.004	0.11	<0.1	2.8	0.55	0.07	118	3.9	0.14	2.3	2.45	<0.1	0.03
119578	Soil	8.3	24.6	0.27	615.2	0.010	3	1.25	0.005	0.07	0.1	1.8	0.32	0.04	34	2.7	0.17	3.4	1.21	<0.1	<0.02
119579	Soil	5.2	12.9	0.08	441.3	0.006	1	0.87	0.012	0.09	<0.1	1.3	0.35	0.07	<5	1.4	0.17	3.6	0.66	<0.1	<0.02
119580	Soil	4.4	13.8	0.12	389.5	0.005	<1	0.75	0.010	0.08	<0.1	1.1	0.27	0.07	9	1.5	0.06	3.1	0.37	<0.1	<0.02

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	
119551	Soil	0.58	7.4	0.6	<0.05	2.5	7.00	21.9	0.02	1	0.5	9.3	<10	<2
119552	Soil	0.70	8.0	0.6	<0.05	0.5	7.36	23.4	0.02	<1	0.4	10.2	<10	<2
119553	Soil	0.66	14.1	1.0	<0.05	3.0	3.05	14.2	0.06	<1	1.0	20.8	<10	<2
119554	Soil	1.03	9.4	1.6	<0.05	4.2	7.84	11.8	0.05	<1	2.8	21.4	19	5
119555	Soil	0.49	10.4	0.6	<0.05	1.9	2.36	17.6	0.03	<1	0.5	14.3	<10	<2
119556	Soil	0.34	8.8	0.8	<0.05	1.1	16.91	7.1	0.07	3	0.5	4.4	19	<2
119557	Soil	0.43	7.6	0.5	<0.05	2.8	4.13	17.9	0.03	3	0.3	11.9	<10	<2
119558	Soil	0.45	8.6	0.6	<0.05	1.0	4.68	14.2	0.03	3	0.4	9.7	<10	<2
119559	Soil	0.57	8.4	0.7	<0.05	0.9	3.60	14.2	<0.02	<1	0.1	8.5	<10	<2
119560	Soil	0.46	7.3	0.5	<0.05	0.8	1.89	12.9	0.02	3	0.3	4.7	<10	<2
119561	Soil	0.39	6.6	1.0	<0.05	0.2	4.68	16.5	0.02	1	0.3	4.1	<10	<2
119562	Soil	0.33	9.3	0.4	<0.05	3.7	3.70	12.9	<0.02	1	0.4	9.3	<10	<2
119563	Soil	0.31	9.9	1.4	<0.05	0.4	2.21	9.7	0.03	1	0.4	13.2	<10	<2
119564	Soil	0.31	6.8	0.4	<0.05	0.5	4.79	12.8	0.03	1	0.2	8.3	<10	<2
119565	Soil	0.10	12.2	1.0	<0.05	0.2	1.61	5.1	0.06	1	0.2	2.8	<10	<2
119566	Soil	0.13	13.8	1.2	<0.05	<0.1	9.77	13.3	0.03	1	1.4	4.7	11	<2
119567	Soil	0.51	9.0	0.9	<0.05	1.4	1.92	11.3	0.02	<1	0.4	7.4	<10	<2
119568	Soil	0.20	21.9	1.3	<0.05	1.6	15.81	10.0	0.07	3	0.4	6.5	<10	<2
119569	Soil	0.26	7.6	0.5	<0.05	0.1	1.49	7.3	<0.02	<1	0.2	6.7	<10	<2
119570	Soil	0.57	8.2	0.6	<0.05	3.1	3.45	15.0	0.02	<1	0.1	8.9	<10	<2
119571	Soil	0.39	9.9	1.0	<0.05	4.0	4.79	15.5	0.03	2	0.6	11.7	<10	<2
119572	Soil	0.36	21.5	1.6	<0.05	2.9	21.43	7.5	0.04	<1	1.8	6.0	<10	<2
119573	Soil	0.22	8.9	5.9	<0.05	0.4	6.90	10.4	0.02	<1	0.7	0.9	13	<2
119574	Soil	0.57	7.4	0.5	<0.05	2.1	1.85	18.0	<0.02	<1	0.4	7.3	<10	<2
119575	Soil	0.35	11.1	0.9	<0.05	1.0	2.10	10.8	0.03	3	0.4	8.3	<10	4
119576	Soil	0.45	8.5	0.5	<0.05	0.4	1.49	12.9	<0.02	<1	0.3	4.1	<10	3
119577	Soil	0.22	10.2	0.7	<0.05	1.3	5.97	8.7	0.04	7	0.1	7.0	<10	<2
119578	Soil	0.52	9.1	0.4	<0.05	0.6	5.01	16.5	0.03	<1	0.8	12.4	<10	<2
119579	Soil	0.25	10.5	0.8	<0.05	0.4	1.44	10.6	<0.02	<1	0.1	1.6	<10	<2
119580	Soil	0.31	7.9	0.5	<0.05	0.3	1.63	8.8	0.02	3	<0.1	3.7	<10	<2

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method 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		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
119581	Soil	5.91	28.20	20.26	111.5	557	21.0	4.7	69	2.62	13.2	0.4	<0.2	2.3	35.2	0.43	2.15	0.22	73	0.02	0.030
119582	Soil	4.82	33.77	13.93	87.4	307	22.2	3.9	59	1.95	10.0	0.3	<0.2	1.7	15.9	0.37	1.92	0.17	47	0.03	0.024
119583	Soil	5.65	37.16	20.40	148.3	1058	34.6	5.5	56	2.41	15.1	0.3	2.1	1.7	60.6	0.54	1.62	0.32	51	0.04	0.052
119584	Soil	8.80	22.18	20.54	61.8	197	9.3	2.1	29	2.38	13.6	0.2	<0.2	1.4	23.2	0.10	1.98	0.26	48	0.02	0.030
119585	Soil	4.89	37.80	13.77	14.2	440	6.3	0.4	15	1.78	21.6	1.0	6.2	<0.1	13.9	0.64	1.57	0.20	55	0.04	0.062
119586	Soil	4.18	19.15	16.51	82.6	241	13.5	3.3	54	1.94	10.5	0.2	<0.2	1.4	23.3	0.34	1.77	0.21	57	0.05	0.028
119587	Soil	5.05	33.15	21.56	141.0	237	25.6	4.4	47	2.65	10.2	0.2	0.6	1.3	30.2	0.27	1.11	0.19	43	0.04	0.040
119588	Soil	4.69	17.74	16.37	88.0	185	15.6	3.0	60	1.90	7.2	0.2	1.2	1.5	16.3	0.26	1.03	0.19	50	0.03	0.026
119589	Soil	3.41	20.06	13.77	97.0	123	18.2	5.7	134	2.31	9.1	0.3	<0.2	2.3	16.9	0.45	1.13	0.19	57	0.06	0.025
119590	Soil	3.38	24.15	12.98	107.6	305	23.7	6.1	111	2.35	9.1	0.3	3.9	2.2	20.8	0.67	1.14	0.17	56	0.07	0.027
119591	Soil	3.56	21.49	15.15	91.6	98	19.3	5.8	123	2.57	9.9	0.3	<0.2	2.1	18.6	0.44	1.46	0.17	64	0.06	0.026
119592	Soil	10.72	52.49	37.92	329.3	524	47.4	7.0	103	2.87	16.7	0.7	3.8	2.4	71.1	1.98	5.09	0.39	42	0.06	0.068
119593	Soil	4.43	32.04	18.65	123.5	201	28.7	7.1	130	2.14	10.1	0.7	7.1	2.1	34.9	0.91	2.12	0.30	48	0.15	0.052
119951	Soil	6.40	33.30	13.67	201.6	332	32.3	4.9	79	3.43	16.1	0.2	2.8	1.5	21.8	0.76	2.36	0.21	50	0.04	0.044
119952	Soil	5.50	28.14	25.97	77.7	544	13.6	2.1	52	2.14	16.2	0.5	5.8	0.4	35.9	0.45	2.64	0.25	45	0.12	0.122
119953	Soil	6.24	44.19	17.34	114.8	416	22.2	3.7	53	2.73	11.3	0.4	2.1	2.3	37.2	0.25	3.48	0.20	51	0.04	0.051
119954	Soil	4.73	35.03	17.84	118.6	365	28.1	4.8	64	2.73	18.0	0.3	1.9	1.8	37.6	0.24	2.08	0.20	58	0.03	0.058
119955	Soil	3.92	25.33	15.54	95.9	333	21.5	6.0	152	3.64	22.4	0.4	3.0	2.3	36.3	0.25	1.90	0.20	72	0.10	0.147
119956	Soil	19.04	42.31	317.2	238.5	1177	25.2	3.8	43	4.10	43.6	0.5	2.2	2.7	79.1	0.71	6.76	0.21	75	0.04	0.086
119957	Soil	2.40	34.55	21.43	124.8	142	95.3	36.8	1433	4.78	11.9	0.4	0.6	2.3	53.0	0.51	0.47	0.11	89	1.51	0.110
119958	Soil	2.31	11.23	13.90	57.6	74	31.5	10.7	294	3.36	8.2	0.3	0.6	2.2	19.9	0.17	0.47	0.24	50	0.33	0.088
119959	Soil	1.02	27.15	7.39	46.3	49	35.9	10.5	306	2.36	4.9	0.4	2.0	0.6	49.8	0.19	0.28	0.11	40	1.94	0.052
119960	Soil	0.94	15.99	77.85	650.8	63	37.7	11.6	665	2.15	4.7	0.6	0.9	0.6	39.0	4.25	0.47	0.10	44	3.97	0.067
119961	Soil	1.42	13.48	107.2	210.0	149	28.6	8.0	253	1.40	5.5	0.6	3.3	0.7	48.8	0.92	0.54	0.13	22	8.12	0.066
118301	Soil	3.64	29.82	12.75	164.3	298	39.1	9.1	210	2.66	13.8	1.6	3.6	2.7	24.7	1.08	2.32	0.14	127	0.16	0.050
118302	Soil	21.86	65.29	101.5	417.1	4161	36.3	3.9	70	9.55	393.2	3.8	15.6	2.9	761.1	6.69	6.03	0.32	186	0.12	0.450
118303	Soil	13.76	133.2	163.0	237.5	737	38.3	7.7	706	7.78	420.8	4.0	38.4	2.7	491.3	8.86	6.19	0.48	159	0.09	0.381
118304	Soil	18.80	42.25	38.17	48.5	311	3.3	0.8	12	3.72	28.5	0.6	5.1	2.1	20.6	0.29	2.76	0.28	79	<0.01	0.043
118305	Soil	1.60	26.79	20.16	60.6	266	6.9	1.7	54	1.81	16.3	0.3	6.2	1.1	96.0	0.38	1.58	0.21	48	0.03	0.069
118306	Soil	3.56	81.23	19.68	329.0	621	120.5	16.4	363	13.20	46.6	1.4	5.5	2.4	23.6	3.76	4.31	0.27	153	0.07	0.226

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	
119581	Soil	4.3	24.8	0.23	520.9	0.003	2	1.39	0.024	0.09	<0.1	2.0	0.67	0.17	34	2.2	0.12	4.3	0.81	<0.1	<0.02
119582	Soil	3.5	22.6	0.22	363.4	0.002	2	1.21	0.011	0.10	<0.1	2.0	0.61	0.08	25	2.0	<0.02	3.2	0.86	<0.1	<0.02
119583	Soil	2.7	22.1	0.22	1023	0.001	<1	1.30	0.017	0.13	<0.1	2.1	0.48	0.16	17	2.4	0.14	3.4	0.44	<0.1	<0.02
119584	Soil	2.6	15.4	0.09	696.6	0.002	3	0.92	0.017	0.10	<0.1	1.3	0.92	0.16	24	3.3	0.14	3.1	0.80	<0.1	<0.02
119585	Soil	3.9	15.7	0.03	1631	0.004	4	0.54	0.005	0.06	<0.1	0.2	0.56	0.09	292	6.3	0.12	3.4	1.34	<0.1	0.02
119586	Soil	3.8	16.8	0.15	441.9	0.004	1	1.00	0.011	0.09	<0.1	1.3	0.40	0.09	13	1.4	0.16	3.3	0.59	<0.1	<0.02
119587	Soil	1.9	22.7	0.22	537.8	0.001	<1	1.43	0.012	0.10	<0.1	2.3	0.47	0.11	19	2.0	0.09	3.8	0.89	<0.1	0.03
119588	Soil	4.0	17.0	0.16	283.8	0.005	<1	0.96	0.011	0.10	<0.1	1.3	0.47	0.07	20	1.4	0.08	3.2	0.56	<0.1	<0.02
119589	Soil	6.6	23.7	0.32	336.0	0.006	<1	1.37	0.008	0.09	<0.1	1.8	0.31	0.05	24	1.7	0.09	3.8	0.60	<0.1	0.05
119590	Soil	5.4	27.4	0.33	344.4	0.006	2	1.38	0.009	0.09	<0.1	2.0	0.35	0.06	<5	1.7	0.10	3.8	0.90	<0.1	0.03
119591	Soil	5.9	27.6	0.32	305.6	0.008	2	1.58	0.009	0.08	<0.1	2.0	0.38	0.06	<5	1.7	0.06	4.5	1.06	<0.1	0.03
119592	Soil	3.2	18.0	0.18	534.4	0.002	3	0.88	0.042	0.14	<0.1	3.0	1.29	0.32	60	4.5	0.11	2.3	1.08	0.1	<0.02
119593	Soil	6.4	19.6	0.28	824.0	0.007	6	0.95	0.009	0.10	0.1	2.3	0.37	0.06	76	1.5	<0.02	2.5	0.77	<0.1	0.02
119951	Soil	2.4	19.0	0.20	647.9	0.002	2	1.28	0.019	0.12	<0.1	1.9	0.33	0.13	30	2.7	0.03	2.7	0.51	<0.1	0.02
119952	Soil	4.3	20.2	0.10	509.9	0.003	2	0.73	0.016	0.09	0.1	1.1	0.40	0.13	132	4.3	0.07	2.9	0.78	<0.1	<0.02
119953	Soil	2.9	27.7	0.34	896.5	0.002	2	1.30	0.017	0.17	<0.1	2.4	0.79	0.21	96	3.3	<0.02	3.6	1.06	<0.1	<0.02
119954	Soil	3.3	27.3	0.30	626.7	0.002	3	1.46	0.016	0.16	<0.1	2.2	0.45	0.13	37	1.6	0.04	3.6	0.77	<0.1	<0.02
119955	Soil	6.2	32.0	0.35	381.1	0.005	2	1.85	0.017	0.11	0.1	1.9	0.38	0.13	37	1.9	0.03	3.6	1.15	<0.1	0.03
119956	Soil	5.5	21.2	0.15	325.2	0.002	<1	1.18	0.055	0.17	<0.1	1.9	1.49	0.47	58	6.8	0.08	2.8	0.61	<0.1	0.03
119957	Soil	53.7	108.8	1.08	819.6	0.062	8	2.70	0.012	0.50	<0.1	9.0	1.00	0.04	52	<0.1	0.04	9.8	8.46	<0.1	0.14
119958	Soil	7.4	33.2	0.33	310.6	0.019	3	1.68	0.007	0.15	<0.1	2.0	0.24	0.02	25	<0.1	0.03	4.9	3.17	<0.1	<0.02
119959	Soil	18.1	29.0	0.26	448.8	0.015	4	1.26	0.017	0.06	<0.1	2.8	0.13	0.05	35	0.2	<0.02	4.0	0.84	<0.1	0.04
119960	Soil	18.4	31.7	1.99	213.4	0.024	3	1.41	0.013	0.05	<0.1	1.9	0.18	0.04	40	0.3	<0.02	3.7	0.83	<0.1	0.05
119961	Soil	7.9	14.5	3.96	195.6	0.010	2	0.47	0.013	0.09	<0.1	1.2	0.31	<0.02	21	0.5	0.02	1.3	0.92	<0.1	0.03
118301	Soil	10.5	33.2	0.38	291.0	0.025	<1	1.91	0.009	0.04	0.1	2.3	0.21	0.03	41	1.3	<0.02	4.6	0.91	<0.1	0.05
118302	Soil	7.9	55.1	0.07	73.8	0.003	1	1.94	0.050	0.35	<0.1	4.5	1.29	1.34	158	12.8	0.47	4.1	1.44	<0.1	0.04
118303	Soil	8.8	43.4	0.05	49.7	0.003	2	2.20	0.053	0.33	<0.1	3.0	1.82	1.34	995	7.1	0.98	4.0	2.18	<0.1	0.05
118304	Soil	2.5	19.6	0.07	1450	0.001	3	1.30	0.011	0.11	<0.1	2.8	1.30	0.11	123	5.1	0.14	3.6	1.35	<0.1	0.04
118305	Soil	3.5	15.8	0.05	835.8	0.001	5	0.90	0.010	0.13	<0.1	1.2	0.34	0.18	75	1.8	0.41	2.1	1.19	<0.1	0.02
118306	Soil	6.0	43.6	0.30	655.2	0.011	1	3.27	0.007	0.06	0.2	3.8	0.23	0.07	100	6.4	0.10	3.2	1.12	0.1	0.11

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	
119581	Soil	0.24	13.3	1.0	<0.05	1.3	2.09	9.6	0.04	<1	0.3	15.4	<10	<2
119582	Soil	0.16	9.9	0.5	<0.05	0.9	1.84	7.7	0.04	<1	0.1	14.5	<10	<2
119583	Soil	0.13	10.6	0.8	<0.05	0.6	2.43	5.6	0.03	1	0.3	16.7	<10	<2
119584	Soil	0.24	11.4	0.5	<0.05	0.6	1.61	5.4	0.02	<1	0.5	4.0	<10	<2
119585	Soil	0.29	8.7	0.6	<0.05	0.2	4.21	7.3	<0.02	2	0.2	0.8	<10	2
119586	Soil	0.28	10.9	0.5	<0.05	0.3	1.62	8.1	0.02	<1	0.2	5.7	<10	<2
119587	Soil	0.11	11.5	1.6	<0.05	0.7	2.12	5.1	0.05	<1	0.7	21.4	<10	<2
119588	Soil	0.28	9.0	0.6	<0.05	0.4	1.43	8.3	0.03	<1	0.1	7.3	<10	3
119589	Soil	0.48	10.0	1.5	<0.05	1.2	1.80	13.1	0.03	1	0.4	21.7	<10	<2
119590	Soil	0.35	10.2	0.5	<0.05	1.1	2.28	11.5	0.02	<1	0.3	20.5	<10	<2
119591	Soil	0.45	11.4	0.8	<0.05	1.6	1.83	12.6	<0.02	<1	0.4	17.3	<10	<2
119592	Soil	0.08	9.8	0.7	<0.05	0.4	8.42	8.6	0.07	5	0.6	15.1	<10	5
119593	Soil	0.41	6.5	1.5	<0.05	0.7	5.83	13.5	0.02	3	0.8	12.5	<10	<2
119951	Soil	0.10	8.8	0.7	<0.05	0.9	2.52	5.4	0.02	2	1.0	13.2	12	4
119952	Soil	0.36	8.8	16.6	<0.05	0.3	2.20	8.6	<0.02	<1	0.3	3.3	<10	4
119953	Soil	0.09	12.1	0.8	<0.05	0.7	2.71	7.6	0.03	3	0.5	16.4	<10	<2
119954	Soil	0.15	13.1	0.9	<0.05	0.9	1.87	7.1	0.03	<1	0.6	24.1	<10	2
119955	Soil	0.51	11.6	0.5	<0.05	1.5	2.49	13.2	<0.02	<1	0.7	33.4	<10	3
119956	Soil	0.17	11.5	1.1	<0.05	1.1	2.85	8.9	0.04	<1	0.5	8.9	<10	<2
119957	Soil	2.09	37.6	1.5	<0.05	4.1	14.56	113.6	0.06	2	1.4	26.4	<10	<2
119958	Soil	1.05	16.5	3.5	<0.05	0.9	3.52	17.1	0.03	<1	0.9	15.0	<10	3
119959	Soil	1.07	5.7	0.5	<0.05	2.2	5.56	32.0	0.02	1	0.6	8.9	<10	<2
119960	Soil	1.10	5.3	1.2	<0.05	1.1	9.13	41.6	<0.02	<1	0.9	7.3	51	3
119961	Soil	0.30	5.3	0.3	<0.05	0.8	5.65	16.3	<0.02	<1	0.4	3.9	11	<2
118301	Soil	0.57	7.0	0.7	<0.05	2.4	5.93	21.6	<0.02	<1	0.7	10.8	13	4
118302	Soil	0.07	21.1	0.7	<0.05	2.8	37.50	15.6	0.06	1	2.1	13.0	<10	2
118303	Soil	0.24	21.2	1.3	<0.05	1.5	12.03	19.1	0.11	3	1.8	19.4	<10	3
118304	Soil	0.09	12.6	0.6	<0.05	1.5	2.19	5.7	0.06	<1	0.2	3.4	<10	4
118305	Soil	0.10	11.2	1.2	<0.05	0.3	2.10	5.5	<0.02	<1	0.4	5.5	<10	<2
118306	Soil	0.36	8.0	0.5	<0.05	3.9	5.37	11.1	0.03	<1	1.7	13.6	21	<2

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

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
118307	Soil	34.69	33.15	70.05	57.6	1391	23.9	3.1	76	4.95	39.5	1.8	6.6	3.1	189.9	0.58	11.66	0.29	566	0.06	0.142	
118308	Soil	19.19	15.69	40.16	110.7	730	41.1	7.2	196	4.44	62.0	1.4	4.4	2.9	111.9	1.08	6.51	0.23	359	0.24	0.461	
118309	Soil	10.91	24.78	22.00	80.7	241	30.6	8.3	158	2.89	20.2	0.6	3.8	2.4	32.3	0.64	4.00	0.19	195	0.09	0.037	
118310	Soil	33.42	54.65	145.2	145.7	584	31.7	5.3	79	2.57	22.8	2.7	7.3	2.7	133.4	1.86	15.22	0.27	365	0.12	0.089	
119801	Soil	4.13	35.24	22.51	135.4	661	28.7	8.6	166	2.01	11.4	0.7	6.5	2.1	57.3	0.75	2.00	0.21	46	0.29	0.047	
119802	Soil	1.69	27.39	13.72	56.9	468	17.4	3.0	43	1.38	6.1	0.6	4.8	0.5	25.6	0.69	0.80	0.24	31	0.11	0.062	
119803	Soil	4.38	51.14	22.48	147.9	575	48.1	7.1	71	2.04	9.0	1.0	3.4	1.9	52.0	2.30	1.65	0.23	53	0.25	0.058	
119804	Soil	2.42	22.03	10.40	69.1	203	21.8	4.9	101	1.69	5.4	0.7	2.8	2.2	30.9	0.55	0.90	0.16	53	0.27	0.041	
119805	Soil	3.31	25.43	12.12	105.5	108	22.3	6.5	158	2.37	8.6	0.7	2.3	2.9	15.8	0.36	1.45	0.16	64	0.09	0.033	
119806	Soil	2.43	14.61	11.20	89.8	108	23.2	6.8	164	2.25	8.8	0.3	0.6	2.2	16.2	0.51	0.95	0.13	58	0.12	0.020	
119807	Soil	8.13	35.44	21.61	202.1	581	27.9	6.1	69	3.00	14.8	0.8	5.6	2.9	70.1	1.88	4.33	0.19	64	0.13	0.066	
119808	Soil	2.24	21.56	15.06	93.5	218	19.1	5.2	171	1.93	8.5	0.8	<0.2	0.7	22.6	0.45	1.05	0.20	66	0.19	0.060	
119809	Soil	7.15	48.35	135.2	191.5	657	23.1	7.6	112	3.43	11.2	0.6	2.3	2.3	44.7	0.66	1.58	0.23	46	0.12	0.044	
119810	Soil	24.92	79.79	73.20	464.2	1968	79.0	8.5	417	3.85	29.4	4.4	8.8	1.9	87.0	4.27	8.10	0.23	277	1.12	0.149	
119701	Soil	3.34	13.29	16.04	204.3	92	23.2	6.2	182	3.13	14.6	0.6	2.8	2.5	26.6	0.79	1.36	0.21	97	0.26	0.071	
119702	Soil	6.66	46.87	35.47	81.9	745	17.6	3.1	79	2.59	22.0	1.6	10.5	1.0	86.9	0.83	2.70	0.23	93	0.16	0.135	
119703	Soil	2.18	15.65	17.52	56.6	76	14.6	5.6	171	3.88	14.0	0.5	6.5	2.8	14.6	0.31	1.11	0.21	114	0.08	0.040	
119704	Soil	13.68	12.73	19.05	73.3	57	14.0	5.4	243	3.44	20.2	0.5	2.8	2.0	18.2	0.27	4.36	0.25	200	0.07	0.044	
119705	Soil	3.13	22.45	25.76	102.7	500	21.0	5.7	170	2.95	29.5	0.7	17.2	1.0	61.3	0.47	2.52	0.17	58	0.14	0.116	
119706	Soil	7.33	91.09	48.22	151.7	1137	30.5	3.5	332	7.42	108.0	1.2	19.7	1.8	134.4	0.42	5.84	0.27	235	0.01	0.144	
119707	Soil	3.02	34.00	18.31	79.9	367	16.7	3.7	140	5.22	50.6	0.8	7.0	1.9	92.4	0.25	2.45	0.22	120	0.05	0.137	
119708	Soil	15.79	92.72	61.97	160.4	563	30.7	3.0	268	7.24	184.8	2.9	12.1	1.8	159.2	2.05	13.58	0.25	114	0.13	0.242	
119709	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119710	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119711	Soil	23.49	76.20	84.42	227.3	724	36.2	3.5	136	5.40	108.7	2.4	20.6	1.1	224.7	4.20	6.61	0.25	138	0.17	0.442	
119712	Soil	8.85	49.00	21.42	485.5	400	74.2	14.1	498	2.85	16.3	2.9	1.2	2.8	101.7	4.22	3.89	0.15	112	3.10	0.184	
119713	Soil	8.12	43.98	19.18	369.9	424	60.6	11.0	433	2.54	14.2	2.7	1.6	2.5	85.3	3.34	3.50	0.14	111	2.70	0.148	
119714	Soil	7.28	34.06	23.21	469.7	263	45.3	11.1	299	4.09	15.2	1.4	0.9	2.7	39.6	3.24	2.39	0.30	54	0.26	0.189	
119715	Soil	2.64	15.02	10.65	69.6	72	18.8	5.3	142	2.21	10.2	0.5	2.9	3.0	23.1	0.43	1.62	0.14	75	0.24	0.072	
119716	Soil	2.18	14.92	7.25	55.9	47	15.7	5.4	164	1.80	6.8	0.6	1.5	2.8	19.4	0.34	1.11	0.10	55	0.22	0.064	

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	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	0.02	0.1	0.02
118307	Soil	11.5	49.5	0.23	462.9	0.018	2	2.39	0.021	0.17	0.2	2.9	1.57	0.45	88	8.4	0.22	6.7	1.89	<0.1	0.07
118308	Soil	9.1	39.8	0.35	628.6	0.017	1	2.60	0.011	0.12	0.2	3.1	1.75	0.24	51	6.5	0.22	6.8	2.09	<0.1	0.06
118309	Soil	7.9	33.3	0.42	383.3	0.022	3	2.03	0.009	0.08	0.2	2.1	0.48	0.07	29	2.1	0.04	4.5	1.06	<0.1	0.09
118310	Soil	9.7	30.7	0.20	789.8	0.006	5	1.43	0.009	0.14	0.2	3.0	2.00	0.22	173	26.4	0.56	4.1	1.01	<0.1	0.06
119801	Soil	4.6	21.6	0.29	1306	0.005	3	0.97	0.012	0.11	<0.1	2.7	0.52	0.11	119	1.5	0.18	2.7	1.69	<0.1	<0.02
119802	Soil	5.1	17.9	0.15	473.8	0.004	3	0.85	0.006	0.08	<0.1	1.4	0.34	0.05	131	0.7	<0.02	2.8	0.80	<0.1	<0.02
119803	Soil	6.7	25.1	0.29	1353	0.005	2	1.23	0.010	0.13	<0.1	3.2	0.46	0.07	168	1.9	0.11	3.3	0.82	<0.1	<0.02
119804	Soil	9.9	20.8	0.29	589.1	0.013	2	1.05	0.010	0.07	0.1	2.2	0.16	0.03	65	0.4	0.11	3.0	0.52	<0.1	0.02
119805	Soil	9.2	27.2	0.34	243.1	0.015	1	1.30	0.006	0.07	<0.1	2.6	0.21	<0.02	43	0.3	0.14	3.7	0.72	<0.1	0.06
119806	Soil	8.4	23.5	0.34	284.7	0.018	<1	1.18	0.007	0.06	0.1	1.9	0.14	<0.02	35	<0.1	0.12	3.2	0.42	<0.1	0.04
119807	Soil	7.3	22.8	0.23	661.4	0.009	4	1.25	0.042	0.15	<0.1	2.8	2.16	0.35	88	2.4	0.02	3.2	0.88	0.1	0.03
119808	Soil	9.7	24.4	0.33	320.5	0.013	5	1.23	0.008	0.08	0.1	1.6	0.25	0.03	91	0.9	0.12	3.8	0.91	<0.1	0.02
119809	Soil	3.4	19.1	0.23	865.4	0.002	5	1.28	0.019	0.14	<0.1	2.4	0.56	0.16	72	1.3	<0.02	3.4	0.68	<0.1	0.03
119810	Soil	8.7	30.9	0.28	718.0	0.002	4	1.32	0.011	0.17	<0.1	3.6	1.52	0.26	306	9.0	0.20	3.2	0.49	<0.1	0.05
119701	Soil	11.0	30.7	0.34	401.5	0.021	3	1.65	0.007	0.07	0.1	2.2	0.24	<0.02	53	0.7	0.14	5.0	1.28	<0.1	0.04
119702	Soil	10.0	26.4	0.20	1196	0.012	3	1.15	0.006	0.08	<0.1	2.1	0.47	0.04	185	2.6	0.24	3.5	0.97	<0.1	<0.02
119703	Soil	8.9	33.5	0.32	184.0	0.035	2	2.17	0.007	0.05	0.2	2.1	0.20	0.03	31	0.7	0.06	5.2	1.53	<0.1	0.03
119704	Soil	7.9	30.7	0.30	158.0	0.030	3	1.56	<0.001	0.04	0.2	1.9	0.35	<0.02	25	2.7	0.10	6.0	0.91	<0.1	0.02
119705	Soil	7.6	23.7	0.26	339.2	0.015	3	1.20	0.005	0.09	0.1	1.6	0.22	0.14	128	3.0	0.11	3.1	1.05	<0.1	<0.02
119706	Soil	4.7	38.9	0.05	594.3	0.001	<1	1.24	<0.001	0.07	<0.1	2.5	0.48	0.13	164	8.4	0.36	3.0	1.35	<0.1	0.02
119707	Soil	8.3	37.5	0.14	469.6	0.014	2	1.57	0.005	0.08	0.2	1.8	0.20	0.15	57	3.6	0.14	5.1	0.99	<0.1	<0.02
119708	Soil	4.7	40.1	0.04	786.7	0.004	11	0.66	0.015	0.16	<0.1	2.1	0.99	0.39	295	12.2	0.38	1.8	0.76	<0.1	<0.02
119709	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119710	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119711	Soil	6.2	43.4	0.04	870.3	0.007	7	0.82	0.006	0.19	0.1	2.1	0.89	0.42	338	18.2	0.35	2.1	0.98	<0.1	<0.02
119712	Soil	10.0	30.9	1.31	543.6	0.011	4	0.86	0.007	0.15	<0.1	3.4	0.46	0.17	123	3.3	0.05	2.6	1.87	<0.1	0.05
119713	Soil	9.9	28.6	1.17	546.8	0.014	3	0.77	0.007	0.13	<0.1	3.2	0.42	0.14	106	3.2	0.06	2.2	1.71	<0.1	0.04
119714	Soil	12.1	28.7	0.28	259.9	0.005	2	1.33	0.003	0.15	<0.1	2.1	0.12	0.03	31	1.8	0.03	3.1	2.22	<0.1	<0.02
119715	Soil	10.8	25.0	0.35	193.7	0.031	1	1.33	0.004	0.05	0.1	2.3	0.13	<0.02	34	0.8	0.05	3.9	0.91	<0.1	0.07
119716	Soil	10.2	19.4	0.30	185.1	0.029	3	1.07	0.006	0.05	0.2	2.1	0.09	<0.02	28	0.8	0.04	3.0	0.60	<0.1	0.03

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	
118307	Soil	0.91	12.4	1.9	<0.05	4.8	4.40	18.1	0.04	1	0.2	11.9	<10	<2
118308	Soil	0.61	12.2	0.9	<0.05	2.5	4.60	16.2	0.04	<1	1.1	16.5	<10	<2
118309	Soil	0.67	9.8	0.8	<0.05	2.6	2.53	15.4	0.03	1	0.5	19.9	<10	4
118310	Soil	0.41	11.4	0.8	<0.05	2.2	8.24	17.6	0.04	6	1.1	9.7	<10	<2
119801	Soil	0.32	10.5	1.1	<0.05	0.9	5.36	10.5	0.04	5	0.5	24.7	<10	<2
119802	Soil	0.42	9.6	0.4	<0.05	0.4	3.95	10.9	0.03	4	0.4	7.0	<10	<2
119803	Soil	0.42	9.2	1.9	<0.05	1.1	8.62	14.3	0.02	5	0.3	14.0	<10	5
119804	Soil	0.61	7.5	0.5	<0.05	1.1	5.16	20.5	<0.02	<1	0.2	10.1	<10	<2
119805	Soil	0.46	9.1	0.6	<0.05	3.9	3.40	18.1	0.02	<1	0.7	17.0	<10	<2
119806	Soil	0.53	7.3	0.5	<0.05	1.6	2.13	17.2	0.03	<1	0.3	14.1	<10	<2
119807	Soil	0.39	11.5	0.8	<0.05	0.9	6.33	16.7	0.05	1	0.9	17.2	<10	<2
119808	Soil	0.67	10.3	0.5	<0.05	0.6	4.00	19.8	0.03	<1	0.4	13.8	<10	<2
119809	Soil	0.24	10.0	1.4	<0.05	1.5	2.51	8.0	0.03	3	0.8	15.2	<10	<2
119810	Soil	0.34	9.2	0.7	<0.05	2.8	19.78	17.9	0.03	10	2.3	9.5	<10	<2
119701	Soil	0.78	10.3	1.2	<0.05	1.2	4.04	21.5	0.02	<1	0.5	18.8	<10	<2
119702	Soil	0.53	9.8	0.5	<0.05	0.3	6.40	18.8	0.03	7	0.5	7.7	<10	7
119703	Soil	0.90	7.8	0.7	<0.05	1.4	2.15	18.4	<0.02	<1	0.3	13.8	<10	<2
119704	Soil	0.94	6.2	1.0	<0.05	1.1	2.21	14.0	0.04	<1	0.1	13.3	<10	<2
119705	Soil	0.31	8.2	0.5	<0.05	0.3	5.29	12.9	0.03	<1	0.1	12.5	<10	<2
119706	Soil	0.05	10.6	0.4	<0.05	1.2	3.96	8.8	0.03	<1	0.6	2.9	<10	2
119707	Soil	0.89	7.0	1.4	<0.05	0.7	3.28	12.9	0.03	1	0.2	10.3	<10	<2
119708	Soil	0.11	7.7	2.0	<0.05	1.2	8.40	6.1	0.04	2	0.3	1.1	<10	6
119709	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119710	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
119711	Soil	0.22	10.4	4.3	<0.05	0.5	13.74	8.1	0.03	4	0.5	3.2	<10	<2
119712	Soil	0.43	9.1	0.5	<0.05	2.3	15.38	18.3	0.03	12	0.7	12.5	33	<2
119713	Soil	0.48	8.2	0.5	<0.05	2.2	13.52	18.3	<0.02	11	0.4	10.0	21	<2
119714	Soil	0.24	9.9	2.1	<0.05	0.9	6.41	21.4	0.02	<1	0.6	16.5	37	<2
119715	Soil	0.48	7.8	0.5	<0.05	3.2	4.17	19.0	<0.02	1	0.2	13.1	<10	<2
119716	Soil	0.55	6.0	0.5	<0.05	2.1	4.14	18.3	<0.02	<1	0.2	10.2	<10	<2

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

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	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	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	
119717	Soil	2.90	21.71	9.22	72.5	150	18.9	6.7	200	2.01	9.3	0.7	2.3	2.8	29.5	0.47	1.80	0.13	67	0.27	0.079
119718	Soil	3.18	23.68	9.22	83.2	327	19.9	5.5	152	1.94	9.8	0.6	2.4	2.3	43.0	0.65	2.59	0.12	58	0.25	0.090
119719	Soil	1.74	16.18	8.98	58.4	108	21.1	9.2	186	2.66	14.5	0.4	3.1	2.9	29.4	0.22	1.98	0.12	65	0.22	0.071
119720	Soil	4.38	15.19	11.40	78.4	40	22.8	9.1	268	3.26	14.0	0.5	1.5	3.1	19.5	0.49	1.79	0.16	88	0.13	0.044
119721	Soil	3.89	14.74	10.58	71.3	33	21.9	8.1	254	3.03	13.1	0.4	1.5	2.8	18.0	0.48	1.64	0.15	82	0.13	0.042
119722	Soil	47.57	29.00	25.03	86.1	276	18.2	2.4	57	2.51	29.5	1.6	1.7	1.3	16.2	0.57	14.28	0.22	1972	0.03	0.033
119723	Soil	6.00	16.40	12.88	91.9	158	21.0	8.5	233	3.22	14.3	0.6	1.8	3.4	14.9	1.32	2.34	0.19	114	0.09	0.057
119724	Soil	28.74	17.78	36.69	93.9	318	21.8	4.9	96	2.19	18.6	0.5	1.3	1.9	25.9	0.99	6.59	0.16	310	0.07	0.035
119725	Soil	5.43	274.0	42.74	545.3	725	43.7	4.8	173	14.39	189.9	3.7	28.0	2.2	149.2	5.87	8.58	0.41	445	0.02	0.267
119726	Soil	156.4	121.4	80.64	221.2	900	65.7	1.5	37	3.29	71.3	10.0	2.1	1.7	74.1	4.14	62.55	0.28	1771	0.01	0.059
119727	Soil	4.03	22.14	11.94	52.9	331	15.2	6.0	169	3.63	28.6	0.6	6.9	2.7	34.9	0.45	4.31	0.16	101	0.11	0.088
119728	Soil	5.86	29.60	27.88	211.1	633	20.5	3.4	45	2.37	16.2	0.4	3.3	2.0	63.5	1.36	4.57	0.23	39	0.05	0.058
119729	Soil	8.69	26.05	25.49	90.2	198	13.2	2.8	73	2.76	14.5	0.4	3.0	2.3	37.8	0.24	1.78	0.15	34	0.05	0.041
119730	Soil	6.34	28.65	16.60	100.5	300	21.0	4.7	93	1.73	14.9	1.1	4.1	1.4	48.3	0.99	3.58	0.16	90	0.23	0.080
119731	Soil	7.66	39.00	21.09	62.1	874	13.6	0.7	18	0.88	10.2	1.5	4.8	0.6	71.6	3.40	4.41	0.14	70	0.11	0.035
119732	Soil	9.97	34.95	29.84	49.6	572	10.6	1.5	68	2.60	32.4	1.4	14.2	0.7	67.2	0.51	5.39	0.21	120	0.07	0.115
119733	Soil	10.37	36.34	24.18	50.1	290	11.9	2.0	61	2.27	20.9	1.4	6.6	1.1	31.3	0.41	6.63	0.16	132	0.11	0.058
119734	Soil	3.10	26.76	14.60	32.0	396	12.8	1.5	34	1.32	7.3	1.2	2.7	<0.1	23.9	1.15	2.35	0.12	41	0.16	0.073
119735	Soil	16.02	56.14	35.78	97.6	801	34.3	2.2	58	1.63	20.0	3.3	5.5	0.3	55.8	3.48	9.33	0.15	264	0.12	0.135
119736	Soil	11.70	22.53	23.76	96.8	109	21.4	7.2	254	3.63	21.6	0.6	2.1	2.7	22.7	0.57	4.79	0.21	218	0.07	0.047
119737	Soil	11.77	14.99	22.19	112.0	135	19.0	7.2	232	3.08	19.4	0.5	3.2	2.5	23.4	0.54	4.56	0.19	208	0.09	0.048
119738	Soil	51.67	15.32	35.74	41.8	306	5.8	0.6	10	2.58	30.5	1.4	0.9	1.0	168.7	0.88	14.43	0.22	596	0.01	0.100
119739	Soil	24.81	21.63	12.10	141.7	163	23.7	4.6	150	2.82	21.2	1.0	2.1	2.8	13.7	0.41	5.32	0.18	333	0.06	0.021
119740	Soil	9.59	12.47	13.78	51.8	120	13.3	5.7	221	2.56	12.7	0.6	1.6	3.1	16.4	0.27	2.39	0.18	138	0.09	0.027
119741	Soil	172.8	43.68	72.31	25.6	340	10.5	0.8	23	2.88	41.3	2.2	0.6	1.1	139.4	2.17	38.88	0.28	533	0.03	0.090
119742	Soil	43.55	32.50	47.99	258.9	379	39.0	7.1	239	4.27	34.9	1.2	2.8	2.0	91.0	1.38	10.31	0.25	446	0.07	0.084
119743	Soil	34.47	26.99	88.83	92.6	801	10.7	1.6	54	2.91	71.4	2.5	2.7	2.4	145.4	1.97	11.82	0.41	867	0.43	1.081
119744	Soil	48.78	60.79	23.84	1185	346	151.5	14.3	558	6.08	131.7	4.1	2.1	2.8	123.2	4.26	21.07	0.28	764	0.18	0.589
119745	Soil	29.87	41.32	92.99	88.4	1426	8.7	1.6	30	4.74	63.2	0.8	7.1	2.4	135.6	0.29	8.27	0.30	94	0.02	0.084
119746	Soil	16.17	91.74	47.48	216.7	1035	21.3	3.0	30	6.11	40.8	1.3	5.0	2.7	152.0	0.80	5.38	0.30	56	0.04	0.161

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	
119717	Soil	12.2	22.9	0.33	340.1	0.031	2	1.15	0.008	0.05	0.2	2.2	0.12	<0.02	43	1.0	<0.02	3.0	0.70	<0.1	0.02
119718	Soil	10.4	20.8	0.33	409.6	0.032	<1	1.02	0.010	0.05	0.2	2.4	0.17	0.05	73	2.2	0.05	3.0	0.88	<0.1	<0.02
119719	Soil	10.5	29.7	0.44	311.9	0.034	1	1.69	0.006	0.04	0.1	2.3	0.12	<0.02	31	0.9	<0.02	3.7	1.05	<0.1	0.06
119720	Soil	10.5	36.0	0.49	217.6	0.040	1	2.14	0.004	0.04	0.1	2.8	0.14	<0.02	26	1.4	0.05	5.3	1.22	<0.1	0.05
119721	Soil	9.3	34.7	0.43	196.1	0.037	2	1.94	0.004	0.04	0.1	2.6	0.13	<0.02	28	1.2	0.04	4.8	1.09	<0.1	0.04
119722	Soil	3.5	74.5	0.15	176.7	0.018	6	1.98	<0.001	0.11	0.2	2.2	2.95	0.04	37	2.5	0.23	7.8	2.02	<0.1	0.07
119723	Soil	10.0	33.2	0.37	162.4	0.038	2	1.96	0.004	0.04	0.2	2.8	0.15	<0.02	42	0.9	0.04	5.8	1.13	<0.1	0.12
119724	Soil	5.7	28.7	0.24	270.7	0.014	2	1.73	<0.001	0.09	0.2	2.0	1.05	0.10	36	9.7	0.29	4.4	1.35	<0.1	0.04
119725	Soil	11.6	113.7	0.08	605.2	0.004	5	1.81	0.002	0.17	<0.1	3.6	0.33	0.37	242	18.0	0.79	4.1	1.76	<0.1	0.03
119726	Soil	4.0	66.9	0.05	455.5	0.003	4	1.10	<0.001	0.19	0.4	2.7	4.02	0.38	217	17.6	0.39	5.2	1.90	<0.1	0.03
119727	Soil	8.6	36.9	0.35	483.0	0.030	<1	1.95	0.012	0.07	0.2	2.5	0.23	0.09	116	2.7	0.06	5.1	1.46	<0.1	0.06
119728	Soil	2.9	12.1	0.05	428.2	0.002	6	0.61	0.052	0.17	<0.1	2.1	0.62	0.41	46	3.7	0.09	1.7	1.18	<0.1	<0.02
119729	Soil	4.4	16.4	0.16	434.7	0.008	3	0.75	0.044	0.12	<0.1	1.9	1.31	0.33	46	2.3	0.06	2.3	2.19	<0.1	<0.02
119730	Soil	10.9	25.4	0.28	717.7	0.024	4	1.16	0.006	0.08	0.1	2.2	0.24	0.02	81	2.7	0.07	3.1	1.02	<0.1	<0.02
119731	Soil	1.7	13.8	0.04	1251	0.001	4	0.47	0.012	0.11	<0.1	1.4	0.56	0.14	190	5.6	0.13	1.4	0.61	<0.1	<0.02
119732	Soil	5.9	22.6	0.09	824.0	0.006	2	0.90	0.006	0.09	<0.1	1.4	0.61	0.11	334	6.3	0.17	2.8	0.96	<0.1	<0.02
119733	Soil	8.0	21.0	0.16	679.7	0.010	7	0.89	0.004	0.06	<0.1	1.7	0.57	0.04	206	5.3	0.08	2.8	0.98	<0.1	<0.02
119734	Soil	5.9	15.5	0.06	313.7	0.006	2	0.64	0.007	0.03	<0.1	0.3	0.32	0.09	112	4.6	0.06	2.1	0.75	<0.1	<0.02
119735	Soil	5.1	19.8	0.08	714.6	0.004	5	0.69	0.004	0.11	<0.1	0.7	0.66	0.16	326	7.6	0.15	2.0	1.16	<0.1	<0.02
119736	Soil	8.9	40.7	0.33	226.5	0.033	2	2.31	0.002	0.08	0.1	2.7	0.55	0.05	28	4.7	0.13	5.8	1.48	<0.1	0.07
119737	Soil	8.7	36.4	0.32	259.6	0.025	2	1.90	0.001	0.07	0.1	2.3	0.36	0.02	54	3.3	0.12	5.1	1.16	<0.1	0.04
119738	Soil	5.0	31.8	0.06	391.9	0.003	<1	1.21	0.005	0.19	0.2	1.5	3.59	0.51	90	25.2	0.58	4.7	1.23	<0.1	<0.02
119739	Soil	8.4	36.2	0.30	154.1	0.035	3	2.08	<0.001	0.06	0.1	2.7	0.99	<0.02	49	2.7	0.14	5.7	1.35	<0.1	0.09
119740	Soil	12.2	32.4	0.26	200.1	0.040	<1	1.66	0.004	0.04	0.1	2.6	0.28	<0.02	71	2.7	0.09	5.7	1.27	<0.1	0.04
119741	Soil	7.7	45.3	0.05	706.1	0.014	4	0.78	0.003	0.29	0.5	1.7	7.70	0.59	47	23.4	0.34	7.4	1.18	<0.1	<0.02
119742	Soil	9.8	38.5	0.25	570.9	0.018	4	2.24	<0.001	0.12	0.2	2.4	2.18	0.24	47	7.7	0.25	7.3	1.28	<0.1	0.03
119743	Soil	8.1	57.5	0.13	1182	0.008	4	2.27	<0.001	0.36	0.2	4.5	2.79	0.20	98	16.5	0.22	6.8	1.46	<0.1	0.08
119744	Soil	9.3	58.5	0.14	844.8	0.013	4	2.75	<0.001	0.17	0.2	4.9	3.31	0.20	129	32.0	0.40	8.0	2.37	0.1	0.10
119745	Soil	3.4	26.1	0.04	52.2	0.002	4	0.91	0.168	0.34	<0.1	1.8	3.27	1.31	161	21.7	0.46	4.0	1.10	<0.1	<0.02
119746	Soil	3.4	22.1	0.10	54.8	0.001	3	1.28	0.116	0.29	<0.1	4.5	2.71	1.10	187	8.9	0.16	3.1	2.75	<0.1	0.04

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	
119717	Soil	0.55	6.2	0.5	<0.05	1.3	6.18	22.0	<0.02	2	0.2	10.9	<10	<2
119718	Soil	0.57	5.4	0.5	<0.05	1.2	4.74	18.3	<0.02	<1	0.3	7.9	<10	<2
119719	Soil	0.60	7.2	0.6	<0.05	2.3	3.47	18.1	<0.02	<1	0.2	12.0	<10	<2
119720	Soil	0.84	8.1	0.6	<0.05	2.4	2.88	18.5	0.03	<1	0.4	18.8	<10	<2
119721	Soil	0.80	7.3	0.6	<0.05	2.3	2.57	16.3	0.03	<1	0.7	17.1	<10	<2
119722	Soil	0.39	16.4	2.2	<0.05	3.7	6.19	5.7	0.03	<1	0.6	20.9	<10	<2
119723	Soil	0.54	7.3	1.1	<0.05	5.1	2.50	17.4	0.02	<1	0.5	16.6	<10	<2
119724	Soil	0.48	12.4	1.0	<0.05	2.1	2.49	9.3	0.03	<1	0.4	14.1	<10	<2
119725	Soil	0.22	14.3	1.8	<0.05	2.0	18.90	12.5	0.07	2	1.9	4.6	71	7
119726	Soil	0.22	15.9	5.6	<0.05	2.5	11.34	5.8	0.08	1	0.1	5.2	<10	<2
119727	Soil	1.13	8.2	1.8	<0.05	2.6	2.46	15.4	0.04	1	0.4	19.8	<10	<2
119728	Soil	0.12	10.8	1.7	<0.05	0.2	5.79	5.8	0.03	1	0.6	2.0	11	<2
119729	Soil	0.30	10.4	1.5	<0.05	0.9	1.76	8.7	0.03	<1	0.4	6.7	<10	<2
119730	Soil	0.47	7.5	0.7	<0.05	0.6	6.69	19.0	<0.02	4	0.3	10.2	<10	<2
119731	Soil	0.06	5.9	0.7	<0.05	0.5	9.32	2.8	<0.02	5	0.4	1.3	<10	2
119732	Soil	0.24	9.6	1.0	<0.05	0.4	6.97	9.7	0.02	1	0.3	3.7	<10	3
119733	Soil	0.34	8.7	0.7	<0.05	0.4	5.66	13.8	0.02	1	0.2	6.3	<10	2
119734	Soil	0.31	5.2	0.6	<0.05	0.1	3.89	10.4	<0.02	2	0.2	1.8	<10	2
119735	Soil	0.10	8.7	1.5	<0.05	0.4	9.80	8.7	<0.02	7	0.1	2.7	<10	3
119736	Soil	0.73	10.8	1.0	<0.05	3.7	2.53	15.7	0.03	<1	0.4	20.4	<10	<2
119737	Soil	0.64	9.8	0.9	<0.05	2.1	2.43	14.5	0.02	<1	0.2	16.4	<10	<2
119738	Soil	0.17	15.2	1.0	<0.05	1.1	6.38	6.1	0.05	<1	0.5	6.1	<10	<2
119739	Soil	0.48	10.9	1.4	<0.05	5.4	3.13	14.4	<0.02	<1	<0.1	13.6	<10	<2
119740	Soil	0.54	8.9	0.8	<0.05	2.9	3.13	21.9	0.02	<1	0.5	11.5	<10	<2
119741	Soil	0.33	15.0	7.2	<0.05	1.6	4.70	7.8	0.05	<1	0.4	4.0	<10	<2
119742	Soil	0.77	10.8	1.6	<0.05	2.6	3.82	13.3	0.06	1	0.3	20.5	<10	<2
119743	Soil	0.40	22.6	2.5	<0.05	2.4	10.35	8.5	0.08	<1	0.6	14.7	<10	<2
119744	Soil	0.78	14.0	1.5	<0.05	4.2	12.98	14.7	0.10	2	1.7	17.6	22	<2
119745	Soil	0.15	22.1	0.9	<0.05	0.7	2.63	6.1	0.08	<1	0.4	4.0	<10	3
119746	Soil	0.11	23.1	1.3	<0.05	2.0	6.79	8.7	0.11	1	0.6	6.5	<10	<2

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

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	%	%
119747	Soil			1.60	58.00	9.22	102.5	129	196.3	37.9	1839	5.51	7.5	0.5	1.3	2.8	136.8	0.37	0.39	0.08	134	3.18	0.166
119748	Soil			8.80	17.39	17.24	106.7	203	15.7	3.8	90	2.31	14.8	0.2	0.6	1.3	29.9	0.28	1.76	0.17	59	0.06	0.030
119749	Soil			4.76	30.38	18.56	115.7	294	26.2	6.3	132	2.10	10.9	0.7	3.6	1.9	39.7	0.48	1.92	0.18	46	0.17	0.036
119750	Soil			3.07	34.63	13.25	96.0	344	23.4	6.6	182	1.76	7.1	0.9	2.9	2.2	30.9	0.79	1.52	0.16	47	0.12	0.045
119651	Soil			0.58	16.43	57.34	164.5	104	15.1	6.6	310	1.29	6.1	0.7	<0.2	0.8	73.8	0.83	0.38	0.18	7	11.54	0.116
119652	Soil			0.70	15.40	103.2	688.7	93	15.4	6.6	797	1.50	6.4	0.6	0.9	0.5	59.0	5.02	0.54	0.17	21	6.03	0.085
119653	Soil			1.80	20.27	27.23	168.5	83	61.1	18.4	577	3.54	7.3	0.4	0.6	2.5	21.9	0.41	0.55	0.12	69	0.38	0.049
119654	Soil			6.67	30.38	25.36	152.9	264	28.8	6.3	69	2.43	14.0	0.3	1.5	2.4	45.2	0.41	1.65	0.21	41	0.08	0.040
119655	Soil			2.57	25.11	14.89	99.9	390	24.5	11.6	436	1.97	9.0	0.7	0.5	1.7	32.9	1.19	1.00	0.15	51	0.23	0.043
119656	Soil			2.98	19.02	14.15	96.3	119	23.1	5.6	111	2.43	12.6	0.4	1.7	2.2	19.6	0.41	1.28	0.16	79	0.06	0.027
119657	Soil			3.27	21.87	13.98	81.6	131	19.1	4.6	113	2.32	12.1	0.4	1.5	2.3	23.6	0.38	1.31	0.17	66	0.05	0.027
119658	Soil			3.48	13.61	23.77	91.8	246	13.0	3.4	80	1.94	10.7	0.3	1.1	2.1	26.0	0.73	1.38	0.15	60	0.05	0.028
119659	Soil			4.12	34.61	13.81	112.6	254	24.6	6.6	147	1.94	8.5	0.6	3.4	2.4	35.3	0.83	2.02	0.16	39	0.08	0.040
119660	Soil			4.96	31.09	25.37	207.7	186	40.6	8.2	95	2.40	11.7	0.3	1.3	1.7	52.1	0.66	2.61	0.22	51	0.04	0.046
119661	Soil			4.84	20.81	15.78	91.3	199	17.5	3.4	69	1.78	10.3	0.3	2.2	1.4	30.0	0.34	1.60	0.20	60	0.05	0.037
119662	Soil			4.59	34.10	19.47	105.1	293	21.6	3.8	65	1.71	8.8	0.5	3.8	1.3	40.8	0.75	1.63	0.16	46	0.07	0.039
119663	Soil			3.32	23.51	11.05	96.3	174	24.3	5.9	144	2.05	11.0	0.8	2.9	2.7	44.9	0.63	1.57	0.14	75	0.28	0.073
119664	Soil			7.20	20.78	31.28	83.8	692	12.4	2.9	62	2.14	14.7	0.3	1.3	2.0	39.8	0.37	2.62	0.20	67	0.05	0.050
119665	Soil			3.46	15.25	16.69	105.7	243	16.4	4.5	91	2.05	10.6	0.3	0.9	1.9	21.4	0.28	1.49	0.13	59	0.07	0.023
119666	Soil			4.71	14.60	17.51	119.6	420	23.7	6.3	206	2.51	12.4	0.4	1.0	2.5	28.4	0.80	1.56	0.15	71	0.15	0.029
119667	Soil			0.63	61.01	9.24	95.4	66	199.8	39.4	1534	5.25	2.8	0.3	<0.2	1.3	134.0	0.44	0.17	0.07	119	3.12	0.133
119668	Soil			3.47	42.04	16.91	184.6	331	40.8	8.8	238	2.48	14.0	1.0	4.0	2.2	52.3	2.12	1.38	0.18	76	0.27	0.067
119669	Soil			3.07	31.24	11.96	90.1	299	28.9	6.5	230	2.20	10.7	1.1	2.0	2.6	52.2	0.44	1.69	0.15	88	0.60	0.067
119670	Soil			3.78	37.79	13.82	136.8	295	37.9	10.8	328	3.00	14.0	1.3	3.7	3.7	59.5	1.06	2.03	0.19	96	0.71	0.099
119671	Soil			3.98	44.00	14.80	104.7	268	35.2	8.5	217	2.72	14.1	1.4	4.8	4.5	52.6	0.40	2.37	0.16	87	0.35	0.062
119672	Soil			1.88	34.18	11.34	110.0	347	32.6	7.4	311	2.14	7.6	1.0	2.8	1.6	41.5	1.14	1.19	0.15	66	0.95	0.062
119673	Soil			2.74	19.52	17.41	833.9	181	107.9	15.4	2142	4.89	15.0	1.1	0.9	1.6	29.9	10.22	1.20	0.16	83	0.62	0.151
119674	Soil			3.01	15.30	10.41	111.6	224	18.9	5.2	148	2.02	9.1	0.3	1.9	1.9	26.9	0.44	1.14	0.15	60	0.11	0.027
119600	Soil			4.16	52.79	34.94	100.2	98	107.1	37.8	886	4.12	37.8	0.4	0.4	2.1	118.1	0.82	0.43	0.07	70	2.80	0.175
119599	Soil			16.53	56.64	36.43	194.5	758	27.6	3.7	52	3.92	34.9	0.5	1.1	2.6	76.9	0.35	7.42	0.24	86	0.06	0.097

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Project: FACE  
 Report Date: August 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11000789.1

Method	Analyte	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	
119747	Soil	48.5	199.6	3.24	937.9	0.088	13	3.41	0.009	0.27	<0.1	13.9	0.58	0.04	49	0.6	<0.02	12.6	9.95	<0.1	0.06
119748	Soil	2.9	16.4	0.16	744.9	0.003	<1	1.17	0.016	0.13	<0.1	1.3	0.69	0.11	15	1.2	0.04	3.5	0.28	<0.1	<0.02
119749	Soil	6.0	22.1	0.26	726.5	0.008	2	0.99	0.014	0.19	<0.1	2.3	0.46	0.11	37	1.4	0.10	2.6	0.30	<0.1	<0.02
119750	Soil	7.7	22.5	0.27	648.5	0.011	2	1.07	0.006	0.09	<0.1	2.5	0.30	0.04	100	1.2	0.11	2.8	0.92	<0.1	<0.02
119651	Soil	24.8	9.0	3.66	148.8	0.002	5	0.49	0.009	0.12	<0.1	1.1	0.36	0.06	44	0.3	0.04	1.2	1.02	<0.1	<0.02
119652	Soil	13.9	11.2	1.04	291.0	0.008	7	0.97	0.019	0.08	<0.1	1.1	0.40	0.06	49	0.6	0.05	2.3	1.18	<0.1	0.04
119653	Soil	16.1	61.2	0.46	431.1	0.025	4	2.06	0.008	0.14	<0.1	3.9	0.21	<0.02	18	0.2	0.04	6.1	0.91	<0.1	<0.02
119654	Soil	3.8	18.0	0.21	643.7	0.005	2	1.00	0.020	0.18	<0.1	1.8	0.75	0.23	22	1.5	0.07	2.6	0.41	<0.1	<0.02
119655	Soil	8.7	22.4	0.26	915.1	0.012	3	1.29	0.011	0.19	<0.1	2.5	0.20	0.02	15	0.3	0.04	3.2	0.33	<0.1	<0.02
119656	Soil	5.9	28.6	0.31	317.9	0.008	2	1.77	0.006	0.09	<0.1	2.1	0.24	0.04	21	0.8	0.04	4.2	0.77	<0.1	0.03
119657	Soil	6.2	25.9	0.29	304.9	0.008	2	1.70	0.009	0.10	<0.1	2.1	0.36	0.07	23	1.2	0.08	4.0	0.85	<0.1	<0.02
119658	Soil	6.4	20.0	0.19	304.5	0.011	1	1.19	0.008	0.09	<0.1	1.6	0.30	0.07	10	1.1	0.07	3.5	0.48	<0.1	0.02
119659	Soil	5.8	19.1	0.21	764.8	0.009	2	0.87	0.011	0.12	<0.1	2.2	0.38	0.10	62	1.6	0.07	2.3	0.96	<0.1	<0.02
119660	Soil	2.4	23.1	0.20	470.6	0.002	3	1.32	0.013	0.16	<0.1	2.1	0.61	0.14	33	1.8	0.08	3.3	0.90	<0.1	<0.02
119661	Soil	5.8	22.5	0.18	394.6	0.006	3	1.05	0.007	0.11	<0.1	1.7	0.50	0.06	28	1.0	0.06	4.0	1.44	<0.1	<0.02
119662	Soil	5.7	19.2	0.19	464.7	0.006	3	0.98	0.010	0.12	<0.1	1.8	0.46	0.08	60	1.3	0.08	2.9	1.37	<0.1	<0.02
119663	Soil	9.6	25.2	0.34	844.0	0.020	5	1.27	0.009	0.14	<0.1	2.6	0.22	0.04	33	1.2	0.05	3.4	0.72	<0.1	0.04
119664	Soil	4.4	20.2	0.17	729.8	0.005	3	1.16	0.023	0.16	<0.1	1.6	0.67	0.17	28	2.6	0.10	3.5	0.37	<0.1	<0.02
119665	Soil	6.8	21.0	0.25	462.8	0.011	<1	1.21	0.007	0.11	<0.1	1.7	0.23	0.05	7	0.7	0.04	3.4	0.45	<0.1	<0.02
119666	Soil	10.1	25.1	0.35	387.3	0.028	<1	1.22	0.007	0.12	<0.1	2.0	0.32	0.05	11	0.8	0.07	3.7	0.53	<0.1	0.03
119667	Soil	58.0	196.7	2.71	1082	0.103	13	3.18	0.010	0.52	<0.1	10.8	0.32	0.07	37	0.4	0.03	10.9	15.56	<0.1	0.09
119668	Soil	9.0	28.5	0.34	1204	0.007	6	1.51	0.009	0.13	<0.1	3.3	0.38	0.07	110	2.7	0.07	4.0	1.20	<0.1	<0.02
119669	Soil	12.4	31.4	0.44	677.0	0.034	6	1.35	0.018	0.09	0.2	3.2	0.15	0.05	51	1.4	0.04	3.8	0.74	<0.1	0.03
119670	Soil	15.0	37.5	0.64	761.9	0.050	5	1.65	0.029	0.14	0.1	4.4	0.23	0.11	57	1.5	0.05	4.6	0.97	<0.1	0.05
119671	Soil	15.0	34.2	0.44	641.7	0.046	4	1.38	0.020	0.13	0.1	4.6	0.29	0.07	105	1.5	0.06	3.7	1.01	<0.1	0.10
119672	Soil	10.5	28.9	0.44	890.7	0.020	7	1.60	0.014	0.11	<0.1	3.3	0.17	0.03	57	0.9	0.04	3.9	0.62	<0.1	0.03
119673	Soil	13.4	31.7	0.32	740.9	0.017	4	2.02	0.014	0.12	<0.1	4.4	0.25	<0.02	35	0.5	0.05	5.0	1.20	<0.1	0.03
119674	Soil	7.3	21.4	0.28	578.7	0.015	3	1.14	0.008	0.11	<0.1	1.8	0.28	0.05	10	0.6	0.07	3.1	0.33	<0.1	<0.02
119600	Soil	46.5	114.3	0.70	713.9	0.068	7	2.39	0.015	0.33	<0.1	7.6	0.90	0.06	34	0.3	0.03	8.5	7.74	<0.1	0.08
119599	Soil	3.3	27.4	0.23	635.2	0.002	1	1.61	0.029	0.27	<0.1	2.9	1.27	0.31	40	6.9	0.11	4.0	0.96	<0.1	<0.02

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Project: FACE  
 Report Date: August 14, 2011

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Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	
119747	Soil	2.67	22.0	2.1	<0.05	3.1	19.26	83.5	0.07	<1	1.4	65.9	<10	<2
119748	Soil	0.21	6.2	0.7	<0.05	1.0	1.03	5.7	0.02	<1	0.4	5.3	<10	<2
119749	Soil	0.34	7.7	0.7	<0.05	0.6	4.45	12.0	0.03	<1	0.5	11.1	<10	<2
119750	Soil	0.41	8.3	0.7	<0.05	0.5	6.00	14.8	<0.02	<1	0.3	13.6	<10	<2
119651	Soil	0.17	8.2	0.8	<0.05	0.7	13.06	36.6	<0.02	<1	0.7	3.4	14	<2
119652	Soil	0.44	9.4	0.7	<0.05	1.1	8.50	18.9	<0.02	<1	0.4	3.8	52	<2
119653	Soil	0.60	8.7	1.2	<0.05	1.4	3.21	35.6	0.04	<1	0.4	15.8	13	<2
119654	Soil	0.19	10.6	0.6	<0.05	0.6	2.35	8.1	0.03	<1	0.4	10.4	<10	<2
119655	Soil	0.41	10.0	0.6	<0.05	0.8	5.68	20.3	0.02	<1	0.5	9.8	<10	<2
119656	Soil	0.45	11.1	0.7	<0.05	2.0	1.92	11.4	0.02	<1	0.4	19.2	<10	<2
119657	Soil	0.38	11.4	0.5	<0.05	1.2	2.26	12.3	0.03	<1	0.4	20.3	<10	<2
119658	Soil	0.44	8.4	0.6	<0.05	1.2	1.60	11.8	<0.02	<1	0.2	10.1	<10	<2
119659	Soil	0.30	8.2	0.7	<0.05	0.5	5.58	12.1	0.02	<1	0.5	10.9	<10	<2
119660	Soil	0.21	11.0	0.8	<0.05	0.5	2.33	5.9	0.03	<1	0.5	21.9	13	<2
119661	Soil	0.38	11.9	1.2	<0.05	0.2	2.62	11.7	0.04	<1	0.2	8.7	<10	<2
119662	Soil	0.27	11.0	0.8	<0.05	0.2	3.55	12.2	0.03	<1	0.3	10.1	<10	<2
119663	Soil	0.54	9.9	0.6	<0.05	2.0	5.91	17.4	0.03	2	0.4	14.3	<10	<2
119664	Soil	0.32	9.0	0.7	<0.05	0.8	1.59	8.5	0.04	<1	0.4	6.8	<10	<2
119665	Soil	0.43	8.6	0.6	<0.05	0.8	1.69	13.1	<0.02	<1	0.1	11.8	<10	<2
119666	Soil	0.52	8.0	0.6	<0.05	1.4	2.73	18.1	0.03	<1	<0.1	12.1	<10	<2
119667	Soil	5.11	54.3	1.7	<0.05	4.4	17.95	108.9	0.06	<1	0.8	75.4	<10	<2
119668	Soil	0.47	13.7	0.6	<0.05	0.7	10.51	18.2	0.03	2	0.6	30.2	<10	<2
119669	Soil	0.92	7.9	0.6	<0.05	1.8	7.33	23.3	<0.02	2	0.6	12.9	<10	<2
119670	Soil	1.16	10.8	0.6	<0.05	2.5	9.89	28.1	0.04	3	0.4	16.5	<10	<2
119671	Soil	0.58	9.0	0.6	<0.05	5.1	14.45	28.6	0.03	<1	0.5	13.7	<10	<2
119672	Soil	0.81	8.5	0.6	<0.05	1.6	8.83	18.5	0.03	<1	0.9	14.0	<10	<2
119673	Soil	0.54	15.5	0.8	<0.05	1.2	11.42	25.1	0.02	<1	0.2	9.3	62	<2
119674	Soil	0.44	5.5	0.6	<0.05	1.1	1.96	13.5	<0.02	<1	0.2	12.1	<10	<2
119600	Soil	3.25	28.7	1.5	<0.05	3.8	12.84	81.1	0.06	<1	1.2	23.0	<10	<2
119599	Soil	0.17	15.3	1.7	<0.05	1.2	2.59	7.0	0.08	<1	1.1	13.2	<10	<2

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CERTIFICATE OF ANALYSIS

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Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	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	
119598	Soil	2.61	15.38	16.86	79.7	216	14.7	3.8	113	2.59	16.5	0.3	1.8	2.2	24.4	0.23	1.06	0.17	75	0.06	0.047
119597	Soil	3.46	29.10	11.16	101.2	103	21.6	5.2	115	2.04	10.4	0.7	2.6	2.2	21.7	0.43	1.87	0.16	52	0.08	0.043
119596	Soil	3.55	22.07	18.61	117.1	96	25.9	4.9	116	2.35	17.4	0.3	1.2	0.3	19.8	0.44	1.88	0.25	66	0.03	0.083
119595	Soil	3.89	17.46	15.10	86.0	244	16.5	4.4	124	2.61	15.4	0.3	1.3	2.1	21.3	0.38	1.82	0.19	67	0.06	0.050
119594	Soil	4.82	18.05	16.64	97.0	394	15.2	4.1	87	2.35	17.6	0.3	1.0	2.1	35.6	0.52	2.40	0.20	55	0.06	0.071





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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	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	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	0.02	0.1	0.02	
119598	Soil	8.3	26.6	0.25	414.3	0.014	1	1.38	0.008	0.11	<0.1	1.9	0.23	0.06	7	0.7	0.07	4.7	0.74	<0.1	<0.02
119597	Soil	6.3	21.1	0.27	340.4	0.009	<1	0.86	0.009	0.07	<0.1	2.0	0.27	0.04	30	0.9	0.04	2.5	0.75	<0.1	0.02
119596	Soil	4.3	18.1	0.15	209.0	0.005	2	1.07	0.006	0.07	<0.1	0.8	0.27	0.04	26	0.7	0.07	4.4	1.66	<0.1	<0.02
119595	Soil	5.6	22.4	0.27	343.2	0.009	2	1.13	0.011	0.08	<0.1	1.7	0.26	0.07	19	1.2	0.06	3.8	0.57	<0.1	0.02
119594	Soil	4.8	18.0	0.21	440.9	0.006	1	0.95	0.019	0.10	<0.1	1.4	0.41	0.15	14	1.6	0.06	2.9	0.37	<0.1	<0.02



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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	
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	
119598	Soil	0.52	13.0	0.7	<0.05	0.6	1.89	15.2	<0.02	<1	0.5	13.5	<10	<2
119597	Soil	0.27	6.6	0.5	<0.05	0.5	3.68	12.4	0.05	<1	0.4	14.9	<10	<2
119596	Soil	0.18	16.7	1.1	<0.05	0.2	3.36	8.6	0.02	<1	0.3	7.2	<10	<2
119595	Soil	0.33	9.1	0.7	<0.05	1.2	1.67	10.5	<0.02	<1	0.2	11.1	<10	<2
119594	Soil	0.21	8.6	0.6	<0.05	0.5	2.08	9.4	0.03	<1	0.4	7.9	<10	<2



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Project: FACE  
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QUALITY CONTROL REPORT

WHI11000789.1

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																					
119584	Soil	8.80	22.18	20.54	61.8	197	9.3	2.1	29	2.38	13.6	0.2	<0.2	1.4	23.2	0.10	1.98	0.26	48	0.02	0.030
REP 119584	QC	8.39	22.32	20.28	62.0	176	9.0	2.0	26	2.38	13.4	0.3	<0.2	1.4	23.2	0.12	1.96	0.25	49	0.02	0.028
118303	Soil	13.76	133.2	163.0	237.5	737	38.3	7.7	706	7.78	420.8	4.0	38.4	2.7	491.3	8.86	6.19	0.48	159	0.09	0.381
REP 118303	QC	14.13	132.7	170.5	235.8	739	38.3	7.6	694	7.92	425.9	4.2	41.8	2.8	523.1	9.35	6.90	0.47	164	0.10	0.372
119809	Soil	7.15	48.35	135.2	191.5	657	23.1	7.6	112	3.43	11.2	0.6	2.3	2.3	44.7	0.66	1.58	0.23	46	0.12	0.044
REP 119809	QC	6.79	46.77	130.1	193.4	645	21.9	7.6	107	3.43	10.5	0.5	5.1	2.1	44.1	0.60	1.50	0.23	46	0.11	0.040
119708	Soil	15.79	92.72	61.97	160.4	563	30.7	3.0	268	7.24	184.8	2.9	12.1	1.8	159.2	2.05	13.58	0.25	114	0.13	0.242
REP 119708	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.	I.S.
119741	Soil	172.8	43.68	72.31	25.6	340	10.5	0.8	23	2.88	41.3	2.2	0.6	1.1	139.4	2.17	38.88	0.28	533	0.03	0.090
REP 119741	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.	I.S.
119744	Soil	48.78	60.79	23.84	1185	346	151.5	14.3	558	6.08	131.7	4.1	2.1	2.8	123.2	4.26	21.07	0.28	764	0.18	0.589
REP 119744	QC	47.52	58.27	22.78	1170	342	146.2	14.4	544	5.92	128.6	4.0	2.0	2.8	122.9	3.99	20.85	0.28	747	0.19	0.592
119598	Soil	2.61	15.38	16.86	79.7	216	14.7	3.8	113	2.59	16.5	0.3	1.8	2.2	24.4	0.23	1.06	0.17	75	0.06	0.047
REP 119598	QC	2.66	15.95	17.06	80.0	217	15.8	3.8	112	2.61	16.8	0.3	0.7	2.2	25.0	0.27	1.03	0.17	74	0.07	0.049
Reference Materials																					
STD DS8	Standard	12.43	107.3	115.8	291.2	1596	36.3	7.1	562	2.33	23.7	2.6	105.4	6.3	59.6	2.28	5.47	6.15	38	0.68	0.076
STD DS8	Standard	12.92	105.6	121.3	319.0	1820	37.1	6.7	571	2.44	25.5	2.5	102.4	6.2	65.3	2.19	5.55	5.98	40	0.72	0.079
STD DS8	Standard	13.58	107.9	129.1	324.0	1885	38.9	7.6	624	2.48	25.4	2.7	113.0	7.1	67.5	2.28	5.48	6.64	41	0.70	0.079
STD DS8	Standard	13.77	111.5	110.0	303.9	1646	39.4	7.6	640	2.54	26.9	2.6	145.2	6.6	83.9	2.39	6.14	6.21	37	0.74	0.082
STD DS8	Standard	13.77	112.1	128.9	335.0	1818	40.0	7.5	603	2.50	27.0	2.7	110.5	6.5	67.0	2.25	5.58	6.16	40	0.74	0.084
STD DS8	Standard	13.91	109.2	113.5	317.5	1709	38.1	7.6	645	2.60	27.6	2.8	109.9	7.1	81.5	2.34	5.88	6.33	40	0.77	0.087
STD DS8	Standard	12.68	105.7	127.5	313.3	1599	34.1	6.7	603	2.42	25.1	2.9	110.5	7.0	72.1	2.38	6.12	7.06	40	0.69	0.079
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

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Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	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	0.02	0.1	0.02	
Pulp Duplicates																					
119584	Soil	2.6	15.4	0.09	696.6	0.002	3	0.92	0.017	0.10	<0.1	1.3	0.92	0.16	24	3.3	0.14	3.1	0.80	<0.1	<0.02
REP 119584	QC	2.6	14.4	0.09	700.8	0.002	3	0.93	0.017	0.10	<0.1	1.1	0.88	0.16	17	2.6	0.12	3.1	0.78	<0.1	<0.02
118303	Soil	8.8	43.4	0.05	49.7	0.003	2	2.20	0.053	0.33	<0.1	3.0	1.82	1.34	995	7.1	0.98	4.0	2.18	<0.1	0.05
REP 118303	QC	9.0	46.8	0.06	92.2	0.003	2	2.27	0.053	0.33	<0.1	2.8	1.95	1.36	888	7.5	0.82	3.9	2.41	<0.1	0.08
119809	Soil	3.4	19.1	0.23	865.4	0.002	5	1.28	0.019	0.14	<0.1	2.4	0.56	0.16	72	1.3	<0.02	3.4	0.68	<0.1	0.03
REP 119809	QC	3.4	17.9	0.20	868.5	0.002	4	1.28	0.019	0.14	<0.1	2.2	0.54	0.16	74	1.5	0.10	3.3	0.68	0.1	0.05
119708	Soil	4.7	40.1	0.04	786.7	0.004	11	0.66	0.015	0.16	<0.1	2.1	0.99	0.39	295	12.2	0.38	1.8	0.76	<0.1	<0.02
REP 119708	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.	I.S.
119741	Soil	7.7	45.3	0.05	706.1	0.014	4	0.78	0.003	0.29	0.5	1.7	7.70	0.59	47	23.4	0.34	7.4	1.18	<0.1	<0.02
REP 119741	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.	I.S.
119744	Soil	9.3	58.5	0.14	844.8	0.013	4	2.75	<0.001	0.17	0.2	4.9	3.31	0.20	129	32.0	0.40	8.0	2.37	0.1	0.10
REP 119744	QC	9.3	58.6	0.14	837.5	0.012	4	2.75	<0.001	0.16	0.2	5.0	3.07	0.19	138	32.5	0.44	7.8	2.38	<0.1	0.09
119598	Soil	8.3	26.6	0.25	414.3	0.014	1	1.38	0.008	0.11	<0.1	1.9	0.23	0.06	7	0.7	0.07	4.7	0.74	<0.1	<0.02
REP 119598	QC	8.3	25.8	0.26	423.4	0.013	1	1.32	0.008	0.11	<0.1	2.0	0.24	0.06	9	0.7	0.05	4.3	0.69	<0.1	<0.02
Reference Materials																					
STD DS8	Standard	13.9	106.0	0.58	254.0	0.107	3	0.87	0.088	0.40	2.8	2.1	4.93	0.16	184	4.8	4.75	4.3	2.33	0.1	0.06
STD DS8	Standard	15.8	119.8	0.60	269.7	0.116	2	0.91	0.089	0.41	3.2	2.1	5.26	0.16	206	6.0	4.53	4.7	2.48	0.2	0.08
STD DS8	Standard	15.7	112.1	0.62	263.0	0.107	3	0.92	0.089	0.41	2.6	2.0	5.23	0.16	198	5.0	5.02	4.5	2.30	<0.1	0.10
STD DS8	Standard	17.7	121.5	0.61	278.6	0.126	4	0.99	0.105	0.42	3.0	2.3	5.08	0.16	208	5.3	4.70	4.5	2.40	<0.1	0.08
STD DS8	Standard	15.9	119.4	0.62	282.9	0.120	5	0.96	0.096	0.43	3.1	2.0	5.62	0.17	198	4.7	5.16	5.0	2.47	0.2	0.07
STD DS8	Standard	19.8	122.2	0.63	300.8	0.131	6	0.97	0.091	0.41	2.7	2.4	5.09	0.16	190	5.2	4.88	4.8	2.43	<0.1	0.10
STD DS8	Standard	15.8	105.5	0.60	259.7	0.120	4	0.90	0.083	0.40	2.7	1.6	5.03	0.16	190	4.8	4.84	4.4	2.38	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Project: FACE  
 Report Date: August 14, 2011

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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	
Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	
Pulp Duplicates														
119584	Soil	0.24	11.4	0.5	<0.05	0.6	1.61	5.4	0.02	<1	0.5	4.0	<10	<2
REP 119584	QC	0.26	11.5	0.5	<0.05	0.6	1.54	5.1	0.03	<1	0.4	3.1	<10	<2
118303	Soil	0.24	21.2	1.3	<0.05	1.5	12.03	19.1	0.11	3	1.8	19.4	<10	3
REP 118303	QC	0.17	21.2	1.7	<0.05	1.7	12.81	19.7	0.10	1	1.0	21.3	19	2
119809	Soil	0.24	10.0	1.4	<0.05	1.5	2.51	8.0	0.03	3	0.8	15.2	<10	<2
REP 119809	QC	0.23	9.7	1.3	<0.05	1.3	2.45	8.3	0.03	5	0.7	16.1	<10	<2
119708	Soil	0.11	7.7	2.0	<0.05	1.2	8.40	6.1	0.04	2	0.3	1.1	<10	6
REP 119708	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.
119741	Soil	0.33	15.0	7.2	<0.05	1.6	4.70	7.8	0.05	<1	0.4	4.0	<10	<2
REP 119741	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.
119744	Soil	0.78	14.0	1.5	<0.05	4.2	12.98	14.7	0.10	2	1.7	17.6	22	<2
REP 119744	QC	0.78	14.1	1.5	<0.05	4.2	12.34	14.7	0.09	2	1.1	18.7	20	<2
119598	Soil	0.52	13.0	0.7	<0.05	0.6	1.89	15.2	<0.02	<1	0.5	13.5	<10	<2
REP 119598	QC	0.48	12.7	0.7	<0.05	0.7	1.90	15.2	<0.02	<1	<0.1	15.7	<10	<2
Reference Materials														
STD DS8	Standard	1.33	35.5	6.5	<0.05	1.9	5.71	24.8	2.12	48	4.2	26.0	108	324
STD DS8	Standard	1.45	36.9	6.4	<0.05	2.1	6.20	29.5	1.98	74	4.8	24.9	116	357
STD DS8	Standard	1.09	35.5	7.1	<0.05	2.2	5.52	29.7	2.13	49	5.3	27.5	115	357
STD DS8	Standard	1.44	37.3	7.5	<0.05	2.2	6.83	30.1	2.29	52	4.8	28.3	107	340
STD DS8	Standard	1.30	38.3	7.0	<0.05	2.2	6.30	31.2	2.21	60	5.4	27.8	118	351
STD DS8	Standard	1.49	36.9	7.4	<0.05	2.2	7.32	32.7	2.14	54	4.1	29.2	115	341
STD DS8	Standard	1.17	35.8	7.3	<0.05	1.9	6.13	26.4	2.28	51	5.6	26.7	106	322
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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

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

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



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**Project:** FACE

**Report Date:** August 14, 2011

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## QUALITY CONTROL REPORT

WHI11000789.1

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



## **APPENDIX B**

Rock Sample Locations

And

Analytical Results

RADIUS GOLD INC.							3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
FACE Property - 2011 Rock Geochemistry							Weight	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
Number	Zone	East	North	Elev	M	Type	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM
119501	NAD83_7W	503521	7183346	351	m	Rock grab	1.49	2	0.7	18.3	5.9	34	0.1	11.5	2.9	118	1.61	2.2	0.5	1.5	19	0.3	0.3	0.1	22
119502	NAD83_7W	503519	7183326	351	m	Rock grab	0.25	2	0.7	22.8	5	28	0.1	8.4	2.4	56	0.93	1.8	0.5	1.4	20	0.1	0.2	0.1	10
119503	NAD83_7W	503546	7183118	349	m	Rock grab	1.43	2	0.7	26.9	5	98	0.1	13	2.8	96	1.82	1.4	0.5	0.5	16	0.4	0.2	0.1	13
119504	NAD83_7W	503566	7182933	366	m	Rock grab	1.39	5	0.9	8.9	6.8	12	0.1	3.7	1	37	0.79	1.3	0.5	0.4	33	0.1	0.2	0.1	5
119505	NAD83_7W	503811	7182925	475	m	Rock grab	1.59	3	65.1	20.5	14.2	15	0.5	13.3	0.2	21	12.68	58.3	0.5	0.5	632	1.2	27.5	0.1	284
119506	NAD83_7W	503834	7182427	494	m	Rock grab	1.21	4	0.7	22.9	9.4	93	0.2	8.2	1	57	2.13	38.7	0.5	0.3	90	0.6	1.3	0.1	39

	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te		
Number	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	Cert	
119501	0.13	0.034	5	13	0.25	202	0.001	20	0.46	0.011	0.1	0.1	0.11	2	0.1	0.15	2	1.2	0.2	WHI11000738	
119502	0.05	0.015	1	5	0.09	436	0.002	20	0.43	0.01	0.24	0.1	0.06	1.6	0.1	0.19	2	0.5	0.2	WHI11000738	
119503	0.07	0.009	1	5	0.14	264	0.001	20	0.44	0.007	0.15	0.1	0.04	1.4	0.1	0.35	1	0.5	0.2	WHI11000738	
119504	0.02	0.007	1	3	0.02	671	0.001	20	0.18	0.009	0.14	0.1	0.04	0.7	0.1	0.25	1	1.1	0.2	WHI11000738	
119505	0.07	0.561	4	14	0.01	18	0.003	20	0.16	0.17	0.67	0.1	0.12	1	0.9	3	1	51.7	0.3	WHI11000738	
119506	0.04	0.075	2	13	0.02	309	0.004	20	0.15	0.004	0.05	0.1	0.08	0.7	0.1	0.33	1	6.8	0.2	WHI11000738	

## **APPENDIX C**

Soil Sample Locations  
and  
Analytical Results





RADIUS GOLD INC.								Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
2011 FACE Property								Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr			
Soil Sample Locations and Results								Unit	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Number	Date	DATUM	Projection	East	North	Elev	M	MDL Sample	0.01	0.01	0.01	0.1	2	0.1	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	0.5	0.5			
119598	04-Jul-11	NAD 83	UTM, Zone 7	505799	7183800			119598	2.61	15.38	16.86	79.7	216	14.7	3.8	113	2.59	16.5	0.3	1.8	2.2	24.4	0.23	1.06	0.17	75	0.06	0.047	8.3	26.6			
119599	04-Jul-11	NAD 83	UTM, Zone 7	505799	7183900			119599	16.53	56.64	36.43	194.5	758	27.6	3.7	52	3.92	34.9	0.5	1.1	2.6	76.9	0.35	7.42	0.24	86	0.06	0.097	3.3	27.4			
119600	04-Jul-11	NAD 83	UTM, Zone 7	505799	7184100			119600	4.16	52.79	34.94	100.2	98	107.1	37.8	886	4.12	37.8	0.4	0.4	2.1	118.1	0.82	0.43	0.07	70	2.8	0.175	46.5	114.3			
119651	04-Jul-11	NAD 83	UTM, Zone 7	505599	7184250			119651	0.58	16.43	57.34	164.5	104	15.1	6.6	310	1.29	6.1	0.7	0.2	0.8	73.8	0.83	0.38	0.18	7	11.54	0.116	24.8	9			
119652	04-Jul-11	NAD 83	UTM, Zone 7	505599	7184150			119652	0.7	15.4	103.18	688.7	93	15.4	6.6	797	1.5	6.4	0.6	0.9	0.5	59	5.02	0.54	0.17	21	6.03	0.085	13.9	11.2			
119653	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183950			119653	1.8	20.27	27.23	168.5	83	61.1	18.4	577	3.54	7.3	0.4	0.6	2.5	21.9	0.41	0.55	0.12	69	0.38	0.049	16.1	61.2			
119654	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183850			119654	6.67	30.38	25.36	152.9	264	28.8	6.3	69	2.43	14	0.3	1.5	2.4	45.2	0.41	1.65	0.21	41	0.08	0.04	3.8	18			
119655	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183750			119655	2.57	25.11	14.89	99.9	390	24.5	11.6	436	1.97	9	0.7	0.5	1.7	32.9	1.19	1	0.15	51	0.23	0.043	8.7	22.4			
119656	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183650			119656	2.98	19.02	14.15	96.3	119	23.1	5.6	111	2.43	12.6	0.4	1.7	2.2	19.6	0.41	1.28	0.16	79	0.06	0.027	5.9	28.6			
119657	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183550			119657	3.27	21.87	13.98	81.6	131	19.1	4.6	113	2.32	12.1	0.4	1.5	2.3	23.6	0.38	1.31	0.17	66	0.05	0.027	6.2	25.9			
119658	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183450			119658	3.48	13.61	23.77	91.8	246	13	3.4	80	1.94	10.7	0.3	1.1	2.1	26	0.73	1.38	0.15	60	0.05	0.028	6.4	20			
119659	04-Jul-11	NAD 83	UTM, Zone 7	505599	7183350			119659	4.12	34.61	13.81	112.6	254	24.6	6.6	147	1.94	8.5	0.6	3.4	2.4	35.3	0.83	2.02	0.16	39	0.08	0.04	5.8	19.1			
119660	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183350			119660	4.96	31.09	25.37	207.7	186	40.6	8.2	95	2.4	11.7	0.3	1.3	1.7	52.1	0.66	2.61	0.22	51	0.04	0.046	2.4	23.1			
119661	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183450			119661	4.84	20.81	15.78	91.3	199	17.5	3.4	69	1.78	10.3	0.3	2.2	1.4	30	0.34	1.6	0.2	60	0.05	0.037	5.8	22.5			
119662	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183550			119662	4.59	34.1	19.47	105.1	293	21.6	3.8	65	1.71	8.8	0.5	3.8	1.3	40.8	0.75	1.63	0.16	46	0.07	0.039	5.7	19.2			
119663	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183650			119663	3.32	23.51	11.05	96.3	174	24.3	5.9	144	2.05	11	0.8	2.9	2.7	44.9	0.63	1.57	0.14	75	0.28	0.073	9.6	25.2			
119664	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183750			119664	7.2	20.78	31.28	83.8	692	12.4	2.9	62	2.14	14.7	0.3	1.3	2	39.8	0.37	2.62	0.2	67	0.05	0.05	4.4	20.2			
119665	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183850			119665	3.46	15.25	16.69	105.7	243	16.4	4.5	91	2.05	10.6	0.3	0.9	1.9	21.4	0.28	1.49	0.13	59	0.07	0.023	6.8	21			
119666	04-Jul-11	NAD 83	UTM, Zone 7	505399	7183950			119666	4.71	14.6	17.51	119.6	420	23.7	6.3	206	2.51	12.4	0.4	1	2.5	28.4	0.8	1.56	0.15	71	0.15	0.029	10.1	25.1			
119667	04-Jul-11	NAD 83	UTM, Zone 7	505399	7184050			119667	0.63	61.01	9.24	95.4	66	199.8	39.4	1534	5.25	2.8	0.3	0.2	1.3	134	0.44	0.17	0.07	119	3.12	0.133	58	196.7			
119668	04-Jul-11	NAD 83	UTM, Zone 7	504799	7184100			119668	3.47	42.04	16.91	184.6	331	40.8	8.8	238	2.48	14	1	4	2.2	52.3	2.12	1.38	0.18	76	0.27	0.067	9	28.5			
119669	04-Jul-11	NAD 83	UTM, Zone 7	504799	7184000			119669	3.07	31.24	11.96	90.1	299	28.9	6.5	230	2.2	10.7	1.1	2	2.6	52.2	0.44	1.69	0.15	88	0.6	0.067	12.4	31.4			
119670	04-Jul-11	NAD 83	UTM, Zone 7	504799	7183900			119670	3.78	37.79	13.82	136.8	295	37.9	10.8	328	3	14	1.3	3.7	3.7	59.5	1.06	2.03	0.19	96	0.71	0.099	15	37.5			
119671	13-Jul-11	NAD 83	UTM, Zone 7	504797	7183657	407 m		119671	3.98	44	14.8	104.7	268	35.2	8.5	217	2.72	14.1	1.4	4.8	4.5	52.6	0.4	2.37	0.16	87	0.35	0.062	15	34.2			
119672	04-Jul-11	NAD 83	UTM, Zone 7	504799	7183550			119672	1.88	34.18	11.34	110	347	32.6	7.4	311	2.14	7.6	1	2.8	1.6	41.5	1.14	1.19	0.15	66	0.95	0.062	10.5	28.9			
119673	04-Jul-11	NAD 83	UTM, Zone 7	504799	7183450			119673	2.74	19.52	17.41	833.9	181	107.9	15.4	2142	4.89	15	1.1	0.9	1.6	29.9	10.22	1.2	0.16	83	0.62	0.151	13.4	31.7			
119674	04-Jul-11	NAD 83	UTM, Zone 7	504799	7183350			119674	3.01	15.3	10.41	111.6	224	18.9	5.2	148	2.02	9.1	0.3	1.9	1.9	26.9	0.44	1.14	0.15	60	0.11	0.027	7.3	21.4			
119701	08-Jul-11	NAD 83	UTM, Zone 7	504503	7183254	448 m		119701	3.34	13.29	16.04	204.3	92	23.2	6.2	182	3.13	14.6	0.6	2.8	2.5	26.6	0.79	1.36	0.21	97	0.26	0.071	11	30.7			
119702	08-Jul-11	NAD 83	UTM, Zone 7	504500	7183050	452 m		119702	6.66	46.87	35.47	81.9	745	17.6	3.1	79	2.59	22	1.6	10.5	1	86.9	0.83	2.7	0.23	93	0.16	0.135	10	26.4			
119703	11:00:37	NAD 83	UTM, Zone 7	504500	7182850			119703	2.18	15.65	17.52	56.6	76	14.6	5.6	171	3.88	14	0.5	6.5	2.8	14.6	0.31	1.11	0.21	114	0.08	0.04	8.9	33.5			
119704	11:17:07	NAD 83	UTM, Zone 7	504492	7182638			119704	13.68	12.73	19.05	73.3	57	14	5.4	243	3.44	20.2	0.5	2.8	2	18.2	0.27	4.36	0.25	200	0.07	0.044	7.9	30.7			
119705	08-Jul-11	NAD 83	UTM, Zone 7	504605	7182469	618 m		119705	3.13	22.45	25.76	102.7	500	21	5.7	170	2.95	29.5	0.7	17.2	1	61.3	0.47	2.52	0.17	58	0.14	0.116	7.6	23.7			
119706	08-Jul-11	NAD 83	UTM, Zone 7	504599	7182273	643 m		119706	7.33	91.09	48.22	151.7	1137	30.5	3.5	332	7.42	108	1.2	19.7	1.8	134.4	0.42	5.84	0.27	235	0.01	0.144	4.7	38.9			
119707	08-Jul-11	NAD 83	UTM, Zone 7	504636	7182371	641 m		119707	3.02	34	18.31	79.9	367	16.7	3.7	140	5.22	50.6	0.8	7	1.9	92.4	0.25	2.45	0.22	120	0.05	0.137	8.3	37.5			
119708	08-Jul-11	NAD 83	UTM, Zone 7	504730	7182391	600 m		119708	15.79	92.72	61.97	160.4	563	30.7	3	268	7.24	184.8	2.9	12.1	1.8	159.2	2.05	13.58	0.25	114	0.13	0.242	4.7	40.1			
119711	08-Jul-11	NAD 83	UTM, Zone 7	505030	7182502	484 m		119711	23.49	76.2	84.42	227.3	724	36.2	3.5	136	5.4	108.7	2.4	20.6	1.1	224.7	4.2	6.61	0.25	138	0.17	0.442	6.2	43.4			
119712																																	









## **APPENDIX D**

### Stream Sediment Sample Locations and Analytical Results

RADIUS GOLD INC.							Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	
2011 FACE Property							Unit	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	
Stream Sediment Sample Locations and Results							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	
Number	Date	Time	Zone	East	North	Elev	M	Type															
119601	08-Jul-11	3:34:32PM	7W	504127	7182040	453	m	Silt	1.44	28.04	14.93	167.5	256	25.3	10.1	876	2.01	5.2	1.6	1.1	2.1	37.1	2.59
119602	08-Jul-11	3:36:24PM	7W	503984	7182275	453	m	Silt	4.37	53.84	25.16	158.9	448	31.2	9	555	3.29	23.6	1.6	13.4	4.1	81.1	1.5
119603	08-Jul-11	4:12:43PM	7W	503916	7182593	419	m	Silt	2.69	31.12	15.22	108.5	271	20.6	5.8	254	2.1	13.7	1.1	6.1	3	47.8	1.06
119604	08-Jul-11	4:46:15PM	7W	503941	7182942	391	m	Silt	3.32	31.84	17	100.7	327	22.3	6	210	2.11	15.5	1.2	3.4	2.8	55.4	1.05
119605	08-Jul-11	5:21:14PM	7W	503888	7183194	387	m	Silt	2.31	23.25	12.38	85.5	233	20.2	5.7	183	1.9	10.1	1	2.6	3.3	45.5	0.78
119606	10-Jul-11	10:00:37AM	7W	502691	7183246	403	m	Silt	10.99	53.18	17.54	195.2	428	34.6	5.3	149	2.1	14	2.7	2.8	3.2	51	3.21
119607	10-Jul-11	10:50:30AM	7W	502739	7182877	388	m	Silt	5.8	36.31	15.14	134.8	345	28.8	6.5	202	1.96	12.6	1.8	2.1	3.2	52.8	1.85
119608	10-Jul-11	11:43:10AM	7W	502830	7182504	451	m	Silt	10.79	56.7	22.61	501.1	526	51	4.4	117	1.49	15	3.6	1.9	1.7	54.8	4.99
119609	10-Jul-11	1:51:05PM	7W	502077	7182524	377	m	Silt	19.21	81.3	27.15	237.4	779	37.2	2.7	99	1.22	12.4	4.1	1.9	1.4	79.6	5.42
119610	10-Jul-11	2:42:36PM	7W	502001	7182996	375	m	Silt	21.43	71.77	28.34	867.9	674	86.8	10.5	538	2.41	16.1	4	1.9	2.1	79.3	6.3
119611	10-Jul-11	3:29:49PM	7W	501894	7183536	321	m	Silt	18.93	62.47	24.52	1361.4	547	107.8	15.1	605	2.78	14.4	5.4	1.8	2.3	69.6	11.32
119612	10-Jul-11	4:05:11PM	7W	502152	7183967	295	m	Silt	6.22	38.93	14.82	365.7	331	55.6	9.6	286	2.19	10.4	2	3	2.8	63.8	3.16
119613	12-Jul-11	4:08:06PM	7W	506024	7184599	326	m	Silt	7.2	43.64	15.45	469	444	71.8	10.8	318	2.19	11.2	2.4	1.7	2.7	70.3	3.9
119614	12-Jul-11	4:46:36PM	7W	505440	7184553	332	m	Silt	7.32	41.55	17.33	427.1	393	63.7	11.4	349	2.35	11.9	2.6	0.6	3	76	3.73
119615	12-Jul-11	5:21:40PM	7W	504985	7184328	319	m	Silt	6.04	37.22	14.2	394.8	344	56.4	9.7	303	2.1	10	2.2	2.5	2.8	74.2	3.11
119751	08-Jul-11	14:31:11	7W	505134	7182546	453	m	Silt	4.09	36.86	17.59	169.5	303	29.3	6.6	392	2.24	15.9	1.4	5.7	3.4	54	2.28
119752	08-Jul-11	15:14:22	7W	505045	7182720	449	m	Silt	6.65	45.13	22.47	204.7	404	36.1	7.2	367	2.27	17.3	1.7	4.8	3.3	54.9	3.04
119753	08-Jul-11	15:55:13	7W	504941	7182919	410	m	Silt	9.33	48.85	27.8	207.9	489	34.4	6.9	347	2.38	20.1	1.9	21.3	2.8	68.2	3.51
119754	08-Jul-11	16:39:03	7W	504764	7183150	375	m	Silt	8.78	40.22	19.77	218.9	384	35.3	6.4	300	2.52	14.9	1.6	4.2	2.7	50.8	3.52
119755	09-Jul-11	10:00:19	7W	503548	7183152	358	m	Silt	11.99	72.8	24.96	594.5	650	58.2	10.6	587	5.08	14.1	8.4	1.2	2.5	75.5	3.8
119756	09-Jul-11	10:43:33	7W	503570	7182939	373	m	Silt	8.23	50.91	19.41	513.3	432	54.6	8.9	365	5.39	11.9	8.4	2	2.7	61.8	2.4
119757	09-Jul-11	11:14:37	7W	503579	7182695	378	m	Silt	16.35	97.95	33.79	436.7	1035	58.7	5.5	264	2.97	23.8	6.6	0.7	2.3	90.8	5.36
119758	09-Jul-11	11:46:38	7W	503583	7182489	382	m	Silt	16.99	110.6	35.94	472.9	1094	64.1	8	457	2.34	17.5	6.1	0.7	2.7	91.7	5.84
119759	09-Jul-11	13:10:56	7W	503590	7183549	338	m	Silt	7.24	41.41	21.18	429.3	370	43.9	8.9	402	4.04	13.1	5	1.6	3	69.3	2.44
119760	09-Jul-11	14:06:14	7W	503338	7183853	317	m	Silt	4.46	32.2	16.05	404.3	286	39.6	7.8	338	3.39	11	3	2.7	3.1	53.8	1.77
119761	09-Jul-11	14:55:09	7W	503178	7184006	310	m	Silt	5.72	35.47	14.84	360.3	303	53.6	9.7	290	2.16	10.1	2.1	1.4	2.8	61.5	2.75
119762	09-Jul-11	15:31:44	7W	502927	7184044	305	m	Silt	6.24	37.16	14.66	368.9	324	53	9.6	304	2.13	10.2	2.3	1.5	2.7	64.8	2.69
119763	09-Jul-11	16:07:16	7W	503534	7184067	307	m	Silt	6.99	43.22	15.32	443.2	398	65.7	10.5	312	2.21	11.1	2.2	2.9	2.7	63.2	3.65
119764	12-Jul-11	9:25:02AM	7W	504296	7184100	328	m	Silt	6.34	39.73	14.1	382.4	361	58.9	9.7	257	2.11	10.4	2.2	0.5	2.8	63.9	3.41
119765	13-Jul-11	10:11:32	7W	504686	7184078	321	m	Silt	6.43	36.53	16.6	285.8	289	48.8	8.3	324	2.26	12.2	1.2	2.9	2.7	46.8	6.85
119766	13-Jul-11	12:44:07	7W	504404	7183600	365	m	Silt	3.8	38.39	15.03	276.7	258	50.1	8.2	198	2.03	9.8	1.2	1.8	2.8	50.6	2.74

	Sb	Bi	V	Ca	P	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	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPB	
	0.02	0.02	2	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	0.02	Certificate	
Number																									
119601	0.53	0.21	28	0.56	0.063	7.6	20.4	0.39	283.4	0.008	3	1.16	0.007	0.12	0.1	2.6	0.16	0.06	80	0.9	0.05	3.1	4	WHI11000788	
119602	3	0.22	104	0.49	0.136	12.1	32.2	0.37	589.5	0.033	3	1.16	0.013	0.12	0.2	3.4	0.28	0.12	136	2.2	0.14	3.6	4	WHI11000788	
119603	1.74	0.14	61	0.39	0.099	10.5	21	0.3	409.3	0.031	2	0.77	0.011	0.07	0.2	2.4	0.18	0.05	82	1.7	0.06	2.7	5	WHI11000788	
119604	1.91	0.14	64	0.44	0.103	10.2	21.9	0.33	578.6	0.026	3	0.8	0.012	0.07	0.2	2.3	0.19	0.05	84	2.7	0.07	2.7	9	WHI11000788	
119605	1.48	0.11	58	0.49	0.096	11.7	21.1	0.35	530.7	0.037	2	0.77	0.014	0.06	0.4	2.2	0.17	0.04	64	1.6	0.03	2.6	5	WHI11000788	
119606	6.77	0.13	257	0.6	0.1	10.6	24.6	0.35	377.6	0.032	4	0.68	0.014	0.08	0.4	2.3	0.43	0.09	110	4.7	0.09	2.5	6	WHI11000788	
119607	3.34	0.13	122	0.76	0.099	11.2	23.1	0.46	403.7	0.036	4	0.78	0.016	0.08	0.2	2.5	0.31	0.05	84	3	0.05	2.8	2	WHI11000788	
119608	6.5	0.14	419	0.43	0.093	8.2	27.1	0.23	327.2	0.012	6	0.68	0.006	0.11	0.2	2.3	0.62	0.06	143	4.9	0.05	2.7	4	WHI11000788	
119609	9.33	0.15	290	0.45	0.105	5.5	18.1	0.14	294.9	0.003	4	0.46	0.005	0.11	0.1	1.9	0.69	0.15	184	5.9	0.09	1.9	5	WHI11000788	
119610	7.37	0.18	265	0.65	0.146	9	20.9	0.23	325.7	0.005	4	0.66	0.006	0.11	0.1	2.1	0.48	0.12	179	6.4	0.1	2.4	6	WHI11000788	
119611	6.56	0.17	237	0.56	0.132	8.8	20.7	0.23	312	0.007	2	0.77	0.006	0.1	0.1	2.2	0.45	0.1	131	5.8	0.08	2.4	4	WHI11000788	
119612	2.39	0.13	100	2.48	0.117	8.3	25.8	1.17	456.7	0.014	5	0.74	0.01	0.11	0.1	2.8	0.33	0.15	89	2.4	0.05	2.5	40	WHI11000788	
119613	2.78	0.13	121	2.45	0.122	8	27.8	1.13	499.8	0.012	6	0.75	0.01	0.13	0.1	3	0.36	0.17	103	3.3	0.04	2.5	3	WHI11000788	
119614	2.73	0.15	121	3.24	0.14	8.2	33.5	1.51	383.8	0.012	6	0.76	0.01	0.15	0.1	3.2	0.39	0.28	101	3.2	0.08	2.4	2	WHI11000788	
119615	2.29	0.13	97	2.7	0.125	8	24.5	1.3	405.8	0.013	3	0.7	0.011	0.11	0.1	2.9	0.33	0.19	83	2.7	0.05	2.3	11	WHI11000788	
119751	2.56	0.15	76	0.49	0.113	11.6	23.9	0.39	435.6	0.029	3	0.84	0.013	0.08	0.2	2.6	0.23	0.04	108	2.5	0.11	2.8	4	WHI11000788	
119752	3.48	0.18	95	0.47	0.124	11.1	24.6	0.37	555.4	0.024	3	0.85	0.012	0.09	0.2	2.8	0.34	0.05	123	3.1	0.11	3	5	WHI11000788	
119753	4.3	0.16	108	0.44	0.116	9.4	21.9	0.29	670.6	0.017	3	0.78	0.011	0.09	0.2	2.5	0.42	0.08	133	4.3	0.08	2.6	2	WHI11000788	
119754	3.29	0.15	91	0.4	0.094	9.2	21.3	0.3	596.5	0.02	2	0.77	0.012	0.08	0.2	2.4	0.39	0.06	110	3.5	0.07	2.4	5	WHI11000788	
119755	4.57	0.17	164	0.73	0.146	10	21.8	0.24	461.2	0.009	5	0.79	0.009	0.13	0.1	2.5	0.36	0.13	134	5.6	0.05	2.3	4	WHI11000788	
119756	3.27	0.15	106	0.64	0.116	9.9	20.1	0.3	543.2	0.019	3	0.82	0.012	0.1	0.2	2.4	0.32	0.09	109	3.7	0.05	2.4	3	WHI11000788	
119757	7.27	0.17	271	0.65	0.22	9.2	32.9	0.22	534.2	0.008	4	0.8	0.008	0.16	0.2	2.6	0.49	0.15	218	9.4	0.12	2.6	3	WHI11000788	
119758	7.2	0.21	252	0.86	0.228	11.7	31.4	0.27	340.6	0.007	5	0.83	0.009	0.18	0.1	3.1	0.36	0.15	197	8.6	0.12	2.6	5	WHI11000788	
119759	3.68	0.13	101	0.89	0.094	9.8	19.3	0.39	555.4	0.024	3	0.78	0.014	0.09	0.2	2.4	0.34	0.07	63	3.3	0.11	2.5	5	WHI11000788	
119760	2.44	0.13	80	0.6	0.098	10.9	20.4	0.34	545.9	0.03	3	0.8	0.014	0.08	0.2	2.3	0.26	0.06	110	2.4	0.1	2.6	3	WHI11000788	
119761	2.3	0.12	91	2.37	0.123	8.2	23.7	1.14	432.5	0.016	5	0.71	0.01	0.11	0.1	2.7	0.31	0.18	78	2.3	0.03	2.3	2	WHI11000788	
119762	2.47	0.13	91	2.66	0.123	8.3	25	1.27	452.2	0.014	4	0.69	0.009	0.11	0.1	2.7	0.32	0.16	96	2.6	0.06	2.2	3	WHI11000788	
119763	2.62	0.14	103	1.86	0.113	8.2	25.2	0.92	556.4	0.013	4	0.79	0.011	0.11	0.1	2.8	0.38	0.13	99	2.6	0.04	2.5	8	WHI11000788	
119764	2.62	0.14	100	2.22	0.123	8.3	24.4	1.07	482.8	0.014	3	0.72	0.01	0.11	0.1	2.8	0.35	0.15	97	2.6	0.06	2.3	2	WHI11000788	
119765	2.38	0.15	68	0.5	0.089	9.3	20.8	0.34	550.9	0.018	1	0.79	0.012	0.08	0.2	2.5	0.34	0.06	78	2.4	0.07	2.5	5	WHI11000788	
119766	2.01	0.15	62	0.78	0.078	7.3	22.3	0.5	678.3	0.011	2	0.88	0.012	0.1	0.1	2.8	0.33	0.08	64	2.3	0.04	2.6	16	WHI11000788	

## **APPENDIX E**

### Geochemical Statistics

Radius Gold Inc. Face Property														
2011 Stream Sediment Samples - Descriptive Statistics														
	<i>Mo</i>	<i>Cu</i>	<i>Pb</i>	<i>Zn</i>	<i>Ag</i>	<i>Ni</i>	<i>Co</i>	<i>Mn</i>	<i>Fe</i>	<i>As</i>	<i>U</i>	<i>Au</i>	<i>Th</i>	<i>Sr</i>
Mean	8.31	48.34	19.72	365.96	442.77	48.31	8.24	340.26	2.51	13.53	2.99	3.31	2.76	63.22
Standard Error	0.94	3.60	1.09	45.21	37.61	3.53	0.45	29.00	0.16	0.72	0.37	0.74	0.09	2.42
Median	6.65	41.41	17.33	365.7	384	50.1	8.3	312	2.21	12.6	2.2	2	2.8	63.2
Mode	#N/A	#N/A	#N/A	#N/A	303	#N/A	9.7	#N/A	2.1	10.1	1.6	1.9	2.8	#N/A
Standard Deviation	5.23	20.07	6.09	251.71	209.38	19.68	2.49	161.45	0.90	3.99	2.07	4.12	0.51	13.50
Sample Variance	27.40	402.76	37.09	63357.51	43838.38	387.16	6.19	26066.53	0.81	15.95	4.27	16.95	0.26	182.13
Kurtosis	0.64	2.68	0.62	7.59	3.63	1.49	0.82	2.90	4.28	1.42	1.41	13.04	1.93	-0.44
Skewness	1.19	1.67	1.15	2.28	1.93	0.91	0.22	1.36	2.01	0.91	1.48	3.44	-0.32	0.33
Range	19.99	87.35	23.56	1275.9	861	87.6	12.4	777	4.17	18.6	7.4	20.8	2.7	54.6
Minimum	1.44	23.25	12.38	85.5	233	20.2	2.7	99	1.22	5.2	1	0.5	1.4	37.1
Maximum	21.43	110.6	35.94	1361.4	1094	107.8	15.1	876	5.39	23.8	8.4	21.3	4.1	91.7
Sum	257.69	1498.59	611.3	11344.8	13726	1497.6	255.4	10548	77.72	419.5	92.6	102.7	85.5	1959.9
Count	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Largest(1)	21.43	110.6	35.94	1361.4	1094	107.8	15.1	876	5.39	23.8	8.4	21.3	4.1	91.7
Smallest(1)	1.44	23.25	12.38	85.5	233	20.2	2.7	99	1.22	5.2	1	0.5	1.4	37.1
Confidence Level(95.0%)	1.92	7.36	2.23	92.33	76.80	7.22	0.91	59.22	0.33	1.47	0.76	1.51	0.19	4.95

Radius Gold Inc. Face Property														
2011 Stream Sediment Samples														
	<i>Cd</i>	<i>Sb</i>	<i>Bi</i>	<i>V</i>	<i>Ca</i>	<i>P</i>	<i>La</i>	<i>Cr</i>	<i>Mg</i>	<i>Ba</i>	<i>Ti</i>	<i>B</i>	<i>Al</i>	<i>Na</i>
Mean	3.55	3.72	0.15	135.58	1.07	0.12	9.36	23.93	0.54	470.01	0.02	3.55	0.78	0.01
Standard Error	0.38	0.39	0.00	16.09	0.16	0.01	0.28	0.73	0.07	19.51	0.00	0.23	0.02	0.00
Median	3.16	2.78	0.15	101	0.64	0.116	9.2	23.1	0.35	461.2	0.014	3	0.78	0.011
Mode	#N/A	2.62	0.13	91	0.49	0.123	8.2	20.4	0.39	555.4	0.012	3	0.77	0.012
Standard Deviation	2.09	2.15	0.03	89.57	0.88	0.03	1.55	4.05	0.40	108.63	0.01	1.29	0.13	0.00
Sample Variance	4.38	4.62	0.00	8022.58	0.78	0.00	2.40	16.44	0.16	11800.40	0.00	1.66	0.02	0.00
Kurtosis	5.29	0.27	0.97	2.03	-0.01	4.70	-0.20	0.55	-0.09	-0.84	-0.88	-0.38	5.09	-0.35
Skewness	1.84	1.09	1.15	1.55	1.27	1.85	-0.10	1.10	1.21	-0.01	0.53	0.34	1.22	-0.34
Range	10.54	8.8	0.11	391	2.85	0.165	6.6	15.4	1.37	394.9	0.034	5	0.7	0.011
Minimum	0.78	0.53	0.11	28	0.39	0.063	5.5	18.1	0.14	283.4	0.003	1	0.46	0.005
Maximum	11.32	9.33	0.22	419	3.24	0.228	12.1	33.5	1.51	678.3	0.037	6	1.16	0.016
Sum	110.02	115.18	4.69	4203	33.25	3.674	290.3	741.7	16.84	14570.4	0.554	110	24.28	0.329
Count	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Largest(1)	11.32	9.33	0.22	419	3.24	0.228	12.1	33.5	1.51	678.3	0.037	6	1.16	0.016
Smallest(1)	0.78	0.53	0.11	28	0.39	0.063	5.5	18.1	0.14	283.4	0.003	1	0.46	0.005
Confidence Level(95.0%)	0.77	0.79	0.01	32.85	0.32	0.01	0.57	1.49	0.15	39.85	0.00	0.47	0.05	0.00



Radius Gold Inc. Face Property										
2011 Stream Sediment Samples										
	<i>K</i>	<i>W</i>	<i>Sc</i>	<i>Tl</i>	<i>S</i>	<i>Hg</i>	<i>Se</i>	<i>Te</i>	<i>Ga</i>	<i>Au</i>
Mean	0.10	0.16	2.58	0.35	0.11	111.94	3.63	0.07	2.56	5.97
Standard Error	0.00	0.01	0.06	0.02	0.01	7.04	0.35	0.01	0.05	1.25
Median	0.11	0.2	2.5	0.34	0.09	103	3	0.07	2.5	4
Mode	0.11	0.1	2.8	0.33	0.06	110	2.4	0.05	2.6	5
Standard Deviation	0.03	0.08	0.33	0.12	0.06	39.22	1.96	0.03	0.30	6.95
Sample Variance	0.00	0.01	0.11	0.01	0.00	1538.33	3.84	0.00	0.09	48.37
Kurtosis	1.16	3.14	0.19	1.83	1.13	1.00	2.06	-0.70	4.20	20.25
Skewness	0.91	1.59	0.42	0.87	0.98	1.18	1.48	0.53	1.29	4.25
Range	0.12	0.3	1.5	0.53	0.24	155	8.5	0.11	1.7	38
Minimum	0.06	0.1	1.9	0.16	0.04	63	0.9	0.03	1.9	2
Maximum	0.18	0.4	3.4	0.69	0.28	218	9.4	0.14	3.6	40
Sum	3.23	5.1	80	10.91	3.32	3470	112.6	2.25	79.3	185
Count	31	31	31	31	31	31	31	31	31	31
Largest(1)	0.18	0.4	3.4	0.69	0.28	218	9.4	0.14	3.6	40
Smallest(1)	0.06	0.1	1.9	0.16	0.04	63	0.9	0.03	1.9	2
Confidence Level(95.0%)	0.01	0.03	0.12	0.04	0.02	14.39	0.72	0.01	0.11	2.55

Radius Gold Inc. Face Property																		
Soil Sample - Descriptive Statistics																		
Element	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Mean	11.87	35.47	31.85	148.35	418.54	29.68	6.39	221.01	3.14	29.77	1.13	4.49	1.97	63.18	1.16	4.27	0.20	164.64
Standard Error	1.97	2.39	2.93	11.99	37.03	2.31	0.49	27.88	0.16	4.30	0.14	0.53	0.07	6.70	0.13	0.56	0.01	26.05
Median	4.69	28.2	20.16	101.2	299	21.9	5.2	126	2.56	14.5	0.6	2.7	2.1	37.6	0.57	2.15	0.19	72
Mode	8.8	33.15	9.22	57.6	98	18.2	3.8	69	2.14	14	0.3	0.2	2.7	16.2	0.41	1.62	0.16	48
Standard Deviation	24.32	29.54	36.20	148.33	457.99	28.60	6.03	344.85	2.01	53.15	1.67	6.62	0.81	82.91	1.55	6.96	0.07	322.23
Sample Variance	591.52	872.56	1310.75	22001.65	209755.86	817.81	36.36	118920.53	4.04	2825.44	2.80	43.77	0.65	6874.05	2.42	48.49	0.00	103831.52
Kurtosis	26.37	28.39	26.41	19.53	29.86	17.49	17.99	20.76	12.98	33.51	42.37	22.29	0.00	37.41	11.89	36.79	2.76	36.09
Skewness	4.93	4.29	4.29	3.89	4.41	3.82	3.90	4.30	3.24	5.34	5.69	4.16	-0.35	5.31	3.15	5.37	1.32	5.57
Range	172.26	265.93	309.9	1170.8	4128	196.5	39	2404	13.51	418	15.5	51.8	4.4	747.4	10.12	62.38	0.41	2730
Minimum	0.58	8.09	7.25	14.2	33	3.3	0.4	10	0.88	2.8	0.2	0.2	0.1	13.7	0.1	0.17	0.07	7
Maximum	172.84	274.02	317.15	1185	4161	199.8	39.4	2414	14.39	420.8	15.7	52	4.5	761.1	10.22	62.55	0.48	2737
Sum	1816.32	5427	4873.47	22697.9	64036	4540.3	977.5	33815	480.43	4555.3	172.2	686.5	301.3	9666.4	178.04	653.13	31.24	25190
Count	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153
Largest(1)	172.84	274.02	317.15	1185	4161	199.8	39.4	2414	14.39	420.8	15.7	52	4.5	761.1	10.22	62.55	0.48	2737
Smallest(1)	0.58	8.09	7.25	14.2	33	3.3	0.4	10	0.88	2.8	0.2	0.2	0.1	13.7	0.1	0.17	0.07	7
Confidence Level(95.0%)	3.88	4.72	5.78	23.69	73.15	4.57	0.96	55.08	0.32	8.49	0.27	1.06	0.13	13.24	0.25	1.11	0.01	51.47

Radius Gold Inc. Face P																				
Soil Sample - Descriptiv																				
Element	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
Mean	0.44	0.10	8.60	32.48	0.35	577.50	0.01	2.99	1.39	0.01	0.12	0.13	2.40	0.77	0.16	90.84	4.07	0.14	3.99	1.36
Standard Error	0.11	0.01	0.64	2.11	0.05	30.33	0.00	0.18	0.05	0.00	0.01	0.01	0.13	0.09	0.02	12.41	0.45	0.01	0.14	0.14
Median	0.09	0.062	7.4	25.4	0.25	470.6	0.01	2	1.26	0.009	0.1	0.1	2.1	0.4	0.07	47	2	0.08	3.6	1.01
Mode	0.06	0.058	7.9	30.7	0.27	824	0.002	2	1.3	0.006	0.09	0.1	2.1	0.23	0.02	37	2.7	0.04	3.2	0.91
Standard Deviation	1.35	0.13	7.93	26.11	0.56	375.19	0.02	2.21	0.64	0.02	0.08	0.08	1.61	1.13	0.24	153.56	5.54	0.15	1.70	1.67
Sample Variance	1.83	0.02	62.93	681.75	0.31	140768.83	0.00	4.87	0.41	0.00	0.01	0.01	2.60	1.28	0.06	23579.36	30.65	0.02	2.89	2.79
Kurtosis	37.78	24.77	22.55	21.44	25.17	4.47	10.20	6.02	8.62	34.72	7.38	24.43	22.63	19.05	12.71	48.84	8.07	8.01	5.89	41.25
Skewness	5.71	4.32	4.43	4.15	4.85	1.72	2.67	2.10	2.16	5.16	2.39	4.43	4.03	3.97	3.38	6.24	2.75	2.56	1.96	5.90
Range	11.53	1.061	56.3	190.6	3.93	2284.7	0.102	12	4.79	0.167	0.49	0.6	13.8	7.61	1.32	1456	31.9	0.96	11.4	15.28
Minimum	0.01	0.02	1.7	9	0.03	49.7	0.001	1	0.47	0.001	0.03	0.1	0.1	0.09	0.02	5	0.1	0.02	1.2	0.28
Maximum	11.54	1.081	58	199.6	3.96	2334.4	0.103	13	5.26	0.168	0.52	0.7	13.9	7.7	1.34	1461	32	0.98	12.6	15.56
Sum	67.07	15.361	1315.6	4969.2	53.78	88357.2	2.23	458	213.24	2.092	18.39	19.7	367.3	117.46	24.39	13899	622.1	21.16	610.4	207.98
Count	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153
Largest(1)	11.54	1.081	58	199.6	3.96	2334.4	0.103	13	5.26	0.168	0.52	0.7	13.9	7.7	1.34	1461	32	0.98	12.6	15.56
Smallest(1)	0.01	0.02	1.7	9	0.03	49.7	0.001	1	0.47	0.001	0.03	0.1	0.1	0.09	0.02	5	0.1	0.02	1.2	0.28
Confidence Level(95.0%)	0.22	0.02	1.27	4.17	0.09	59.93	0.00	0.35	0.10	0.00	0.01	0.01	0.26	0.18	0.04	24.53	0.88	0.02	0.27	0.27

Radius Gold Inc. Face P															
Soil Sample - Descriptiv															
Element	<i>Ge</i>	<i>Hf</i>	<i>Nb</i>	<i>Rb</i>	<i>Sn</i>	<i>Ta</i>	<i>Zr</i>	<i>Y</i>	<i>Ce</i>	<i>In</i>	<i>Re</i>	<i>Be</i>	<i>Li</i>	<i>Pd</i>	<i>Pt</i>
Mean	0.10	0.04	0.50	10.92	1.15	0.05	1.52	5.68	15.96	0.03	1.75	0.53	12.25	12.08	2.29
Standard Error	0.00	0.00	0.04	0.46	0.13	0.00	0.10	0.41	1.21	0.00	0.15	0.04	0.74	0.69	0.07
Median	0.1	0.02	0.41	9.8	0.7	0.05	1.1	4	13.1	0.03	1	0.4	11.1	10	2
Mode	0.1	0.02	0.24	8.2	0.6	0.05	1.1	2.49	12.9	0.02	1	0.4	4	10	2
Standard Deviation	0.01	0.02	0.55	5.73	1.56	0.00	1.21	5.06	14.91	0.02	1.82	0.45	9.19	8.53	0.86
Sample Variance	0.00	0.00	0.30	32.78	2.45	0.00	1.46	25.60	222.22	0.00	3.30	0.20	84.43	72.83	0.75
Kurtosis	153.00	3.33	37.68	24.24	64.84	-2.03	0.85	10.46	25.43	4.25	13.47	6.90	20.85	27.51	14.09
Skewness	12.37	1.87	5.37	4.08	7.22	1.01	1.19	2.62	4.68	2.00	3.45	2.40	3.55	5.13	3.63
Range	0.1	0.12	5.06	49.1	16.3	0	5.3	36.47	110.8	0.09	11	2.7	74.6	61	5
Minimum	0.1	0.02	0.05	5.2	0.3	0.05	0.1	1.03	2.8	0.02	1	0.1	0.8	10	2
Maximum	0.2	0.14	5.11	54.3	16.6	0.05	5.4	37.5	113.6	0.11	12	2.8	75.4	71	7
Sum	15.4	5.44	76.31	1671.4	175.2	7.65	232.5	868.89	2441.5	5.09	267	81.3	1874.1	1849	350
Count	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153
Largest(1)	0.2	0.14	5.11	54.3	16.6	0.05	5.4	37.5	113.6	0.11	12	2.8	75.4	71	7
Smallest(1)	0.1	0.02	0.05	5.2	0.3	0.05	0.1	1.03	2.8	0.02	1	0.1	0.8	10	2
Confidence Level(95.0%)	0.00	0.00	0.09	0.91	0.25	0.00	0.19	0.81	2.38	0.00	0.29	0.07	1.47	1.36	0.14

