

## **ASSESSMENT REPORT**

### **2017 SOIL and ROCK CHIP SAMPLING PROGRAM**

#### **on the REEF PROPERTY**

Work Completed: June 19 - September 10, 2017

<u>CLAIM NAME</u>	<u>GRANT NUMBER</u>
Reef 1 - 48	YD34701 – YD34748
Jay 73-80	YD24873 – YD24880
Jay 141-192	YD25941 – YD25992
Jay 203-250	YD26003 – YD26050
Bloom 1 - 100	YE41901 – YE42000
Bloom 101 - 190	YE52441 – YE52530
Bloom 191 - 221	YE70861 – YE70891
Bloom 222 - 262	YD118362 – YD118402

NTS Sheets 105H09, 105H16

Centre: 61°54'N Lat, 128°35'W Long  
UTM (NAD 83): 533700E, 6843800N, Zone 9

Watson Lake Mining District, Yukon Territory

**Golden Predator Mining Corp.**  
Suite 250 – 200 Burrard Street  
Vancouver, BC V6C 3L6

April 05, 2018

Jeff Cary, CPG

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## Summary

The Reef Property consists of 418 claims covering approximately 8,464 hectares, within the Watson Lake Mining District, approximately 180km north of Watson Lake, Yukon Territory, Canada. The claims are owned 100% by Precipitate Gold Corp and optioned to Golden Predator Mining Corp as per an agreement made February 09, 2017. Table 2.1 below summarizes the property claim data.

The Reef Property lies in the Logan Range of the Selwyn Mountains in the eastern part of the Yukon Territory and is drained by creeks that flow into the Hyland River. The claims are 200 km east of Ross River and 200 km north of Watson Lake, the nearest supply centres. The village of Watson Lake, located on the Alaska Highway, is the region's main service center and provides basic support and logistical facilities. Watson Lake is connected to Whitehorse by 450 kilometers of paved Alaska Highway (Highway #1).

Access to the Property is by helicopter and four-wheel drive vehicle. Vehicular access is via the Nahanni Range Road (Rd# 10) off the Robert Campbell Highway (Rd# 4) from either Watson Lake, YT or Ross River, YT. A helicopter is required to access remote parts of the property and was used for much of the 2017 work program.

The claims are underlain by deformed metasedimentary rocks of the Neoproterozoic Hyland Group. The metasediments host variably developed quartz veins, quartz-stockwork, and zones of pervasive silicification. It is in these veins and silicified zones that gold mineralization occurs.

In Hyland Group rocks, soil sampling with analysis by multi-element geochemistry successfully identifies areas of anomalous gold mineralization. Follow up exploration activities, such as rock chipping, trenching and drilling are used to further identify mineralized quartz veins in bedrock.

During the 2017 field season on the Reef claim group, existing soil grids from previous workers were extended by a sampling program defined by Golden Predator and operated by Aurora Geoscience Ltd. From July 22 - September 05, 2017, Aurora collected a total 734 grid soil samples on a 200m spaced grid with samples stations every 100m.

Helicopter supported prospecting and rock chip sampling was carried out by Golden Predator geologists and contractors. Fifty-nine rock chips were collected during the period June 19, 2017 to August 11, 2017.

A total of \$81,081.04 was spent on the helicopter supported prospecting, rock chip, and soil sampling program during the 2017 work program.

The results of helicopter supported rock chip sampling and prospecting undertaken in the 2017 field season confirm the tenor of Au ppm values in rock chips collected by Precipitate Reef Gold in the same areas. Further detailed mapping to follow up on anomalous rock chip samples may be warranted. Golden Predator geologists reported that most of the quartz veins sampled appeared devoid of mineralization. No follow up is recommended for areas sterilized by this sampling.

Of the 734 soil samples collected, ten values exceeded 50 Au ppb, seven exceeded 100 Au ppb and two were greater than 250 Au ppb. The maximum Au ppb value was 657. Four of the higher soil sample values extend southeast 2.5 km from a zone of anomalous soil sample Au geochemistry previously defined by grid soil sampling carried out and reported by Precipitate Gold Corp in 2012. Given the broad grid spacing (200m x 100m) of the 2017 sampling grid the trend of anomalous Au in soil samples may require follow up with a closer spaced grid soil, or rock chip sampling program.

## 1. Introduction

The Reef property is in the southeastern part of the Yukon territory, approximately 25 Km's north of the confluence of the Hyland River and the Little Hyland River (Figure 1.1). The claims are owned 100% by Precipitate Gold Corp and optioned to Golden Predator Mining Corp as per an agreement made February 09, 2017.

This Assessment Report on work completed in 2017 is intended to fulfill Yukon Territory government assessment requirements to keep property claims in good standing. Golden predator has incurred an expense of \$81,081.04 on the property related to exploration expenditures from June 2017 to August 2017.

Golden Predator's 2017 efforts were limited to helicopter supported field work, including prospecting and grid soil sampling. Rock chip sampling and prospecting was accomplished by Golden Predator staff and contract geologists. Golden Predator geologists spent eight field days prospecting and collected 59 rock chip samples during the period, June 19, 2017 to August 11, 2017. Aurora Geoscience was enlisted to complete a soil sampling program, conducted over the period, July 22, 2017 to September 5, 2017. Within the Reef claim group, one grid with a design of a 200m line spacing and 100m sample spacing, totaling 734 stations was sampled. The work was carried out by qualified personnel of Aurora Geoscience and meets or exceed industry standards.

The results of the soil and rock chip sampling program are presented in this report. All work during the 2017 field season was supervised by Mike Burke, the Chief Geologist for Golden Predator, and this report was written by the author, Mark Shutty, a senior geologist for Golden Predator.

Neighbouring exploration properties include: Golden Predator's 3 Aces property, which abuts the southern boundary of the Reef claim block, Golden Predator's Hy-Jay property, which abuts to the west, and Stratabound's Golden Culvert property to the northeast. Aben Resources' Justin Gold property is located about 30km south-southeast.

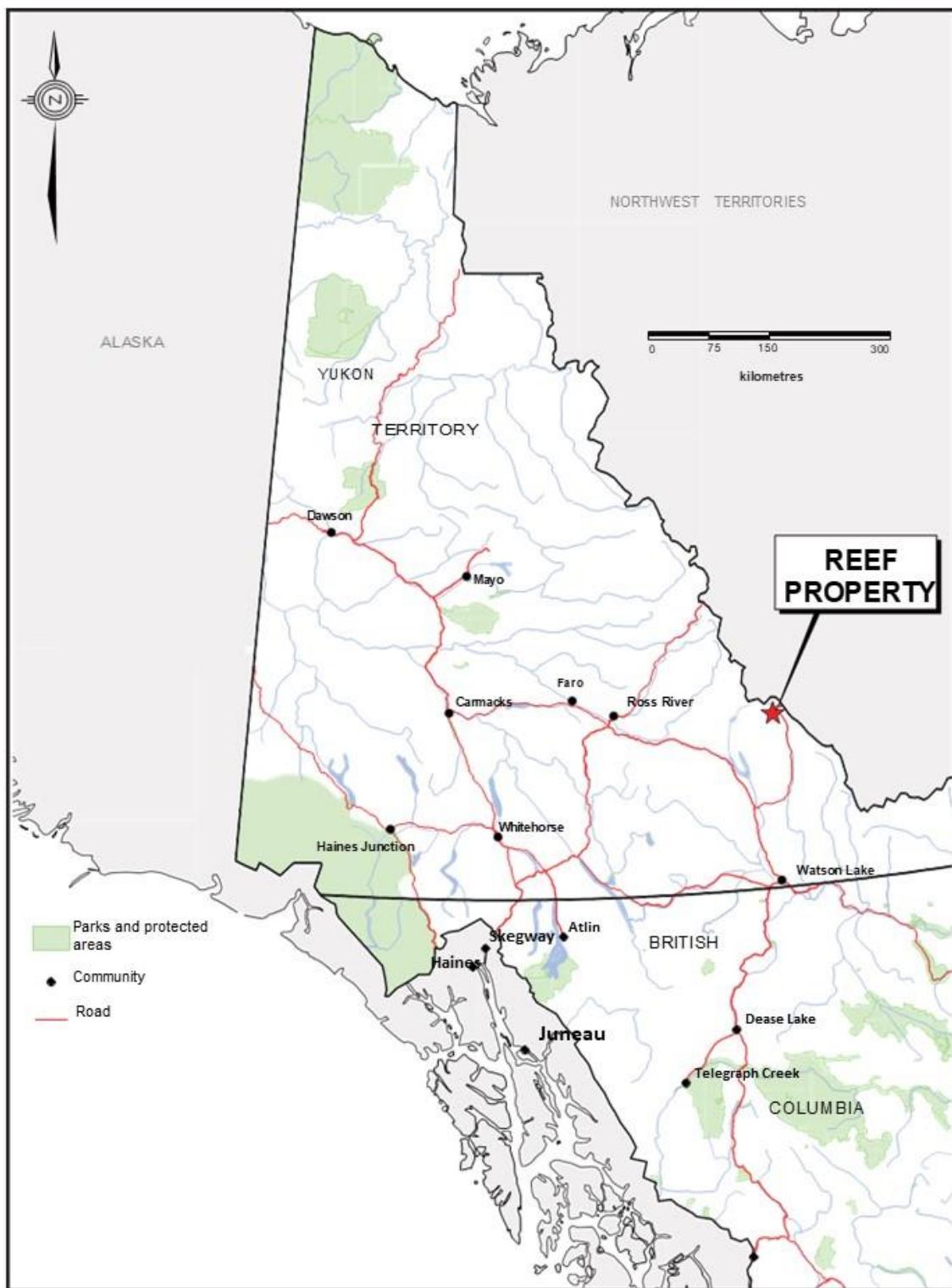


Figure 1.1 Location of the Reef Claim Group, Yukon Territory, Canada - .Source (*Precipitate Gold*, 2012.)

## 2. Claims and Title

The Reef Property consists of 418 claims covering approximately 8,464 hectares, within the Watson Lake Mining District, approximately 180km north of Watson Lake, Yukon Territory, Canada. It is located at the confluence of the Hyland River and the Little Hyland River and continues north northwest for approximately 25 kilometers. The property is centered near 61°54' N latitude, -128°29' W longitude at UTM coordinates 527150 E, 6863150 N (NAD 83) zone 9.

The project is within the traditional territory of the Kaska First Nation.

The Quartz Mining claims are located on National Topographic System Sheets 105H15/16

The claims are owned by Precipitate Gold Corp and optioned to Golden Predator Mining Corp as per agreement dated February 09, 2017. The three-year option agreement grants Golden Predator the exclusive right to earn a 100% interest in the Reef Property by, among other things, completing staged payments totaling \$1,050,000 in cash, approximately \$900,000 in Golden Predator common shares, and 800,000 three-year warrants exercisable for the purchase of additional Golden Predator shares (GPY AND PRG NR 2/13/17).

A list of claims and expiry dates for the Reef Property is presented in Table 2.1. A map of the claim positions is in Figure 2.1. Claims worked during the 2017 season are highlighted on Figure 2.2.

Table 2.1 List of Claims and Expiry Dates for the Reef Property.

GRANT NUMBER	CLAIM NAME	OWNER	EXPIRY DATE
YD34701 – YD34748	Reef 1 - 48	PRECIPITATE GOLD CORP - 100%	09 Dec 2025
YD24873 – YD24880	Jay 73 - 80	PRECIPITATE GOLD CORP - 100%	15 Dec 2026
YD25941 – YD25992	Jay 141 - 192	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YD26003 – YD26006	Jay 203 - 206	PRECIPITATE GOLD CORP - 100%	15 Dec 2025
YD26007 – YD26050	Jay 207 - 250	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YE41901 – YE42000	Bloom 1 - 100	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YE52441 – YE52525	Bloom 101 - 185	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YE52526	Bloom 186	PRECIPITATE GOLD CORP - 100%	15 Dec 2025
YE52527 – YE52530	Bloom 187 - 190	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YE70861 – YE70874	Bloom 191 - 204	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YE70875	Bloom 205	PRECIPITATE GOLD CORP - 100%	15 Dec 2025
YE70876 – YE70891	Bloom 206 - 221	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YD118362 – YD118368	Bloom 222 - 228	PRECIPITATE GOLD CORP - 100%	15 Dec 2025
YD118369 – YD118371	Bloom 229 - 231	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YD118372 – YD118375	Bloom 232 - 235	PRECIPITATE GOLD CORP - 100%	15 Dec 2025
YD118376	Bloom 236	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YD118377 – YD118398	Bloom 237 - 258	PRECIPITATE GOLD CORP - 100%	15 Dec 2024
YD118399 – YD118402	Bloom 259 - 262	PRECIPITATE GOLD CORP - 100%	15 Dec 2025

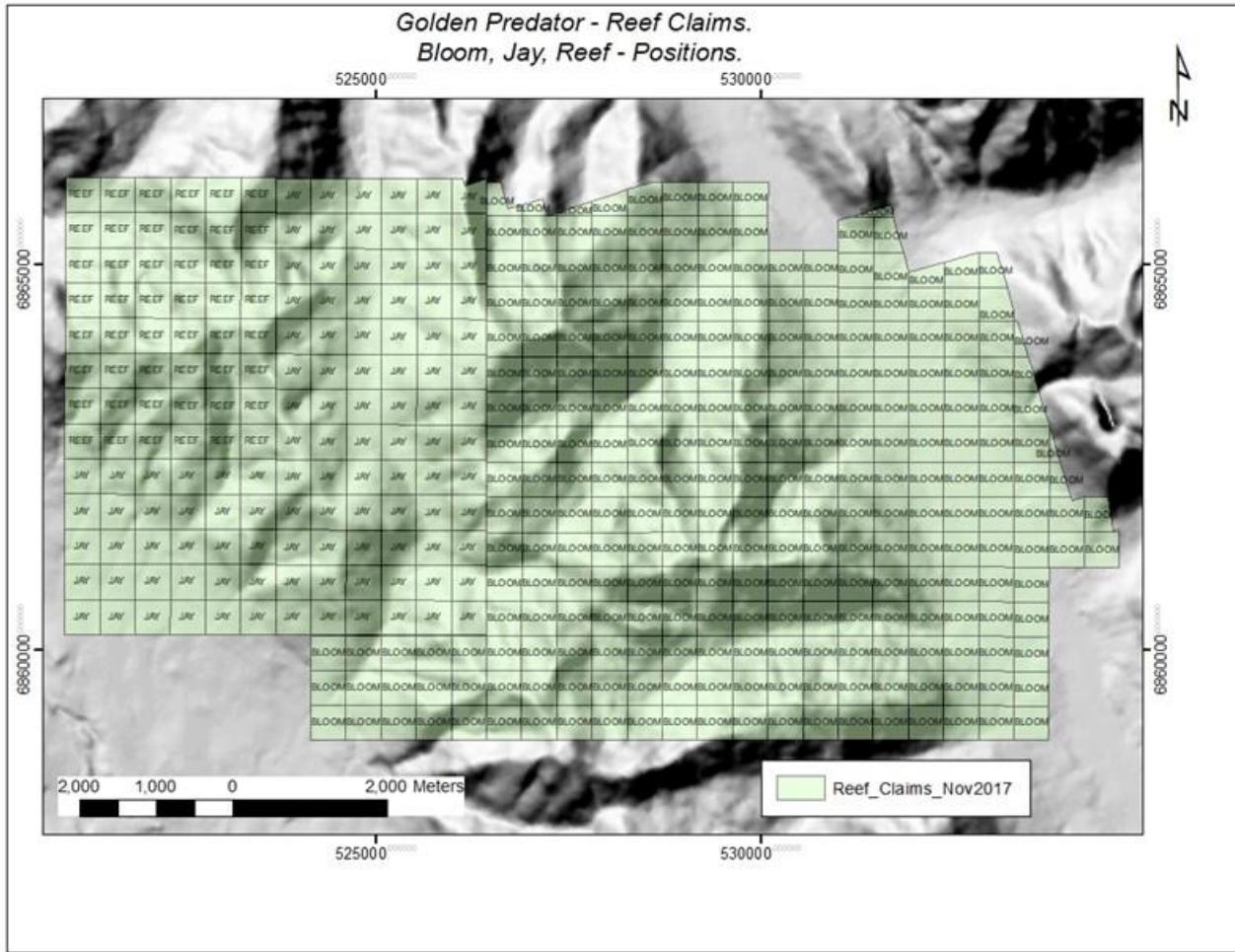


Figure 1.1 Claims of the Reef Claim Group. UTM NAD 83 zone 9 (Source Golden predator 2018).

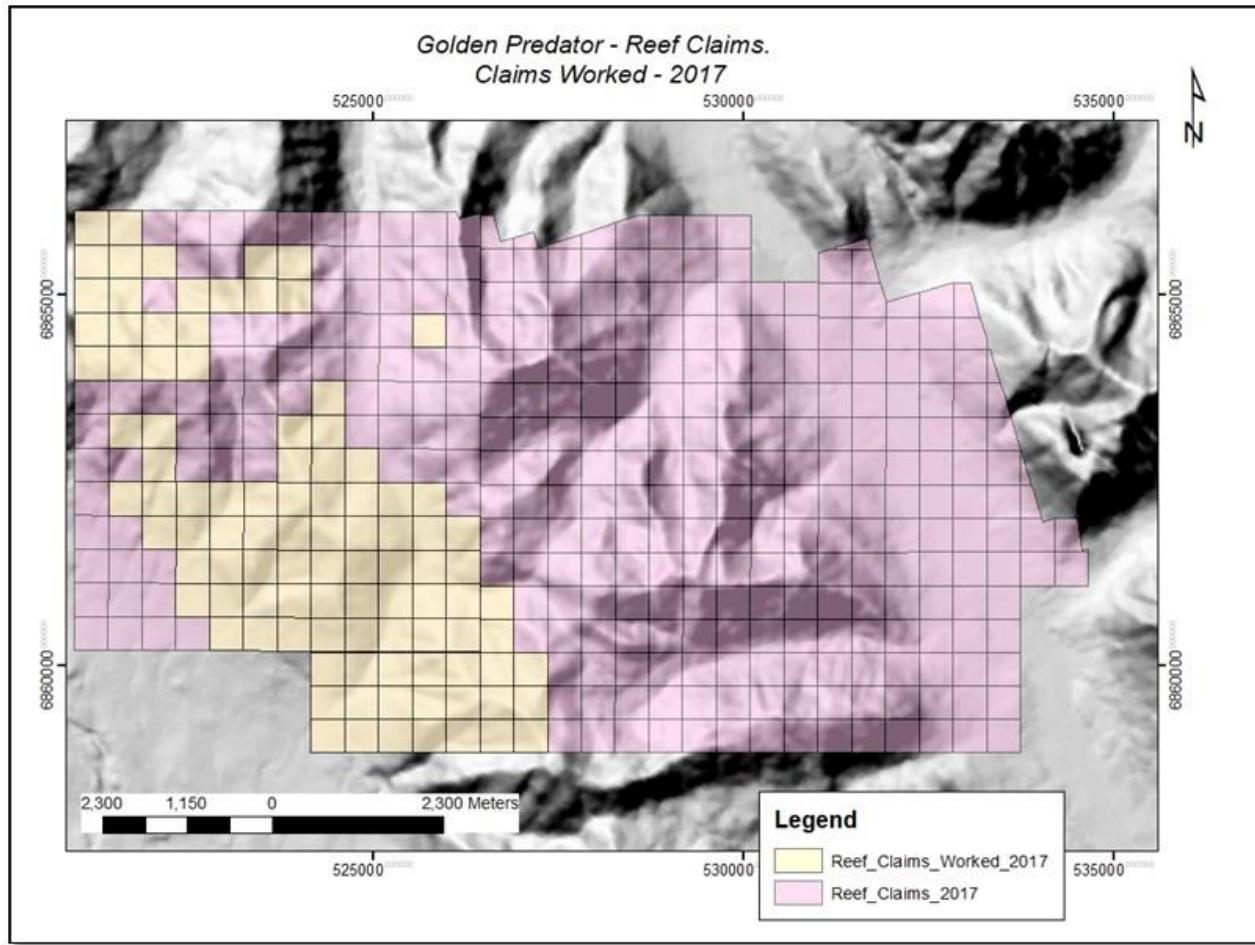


Figure 2.2 Claims worked on the Reef Claim Group – 2017. UTM NAD 83 zone 9 *Source Golden Predator 2018*

### 3. Physiography Climate and Accessibility

The Reef Property lies in the Logan Range of the Selwyn Mountains in the eastern part of the Yukon Territory and is drained by creeks that flow into the Hyland River, which ultimately connects to the Arctic Ocean via the Liard and Mackenzie Rivers. The claims cover a high ridge between the Hyland and Little Hyland Rivers with an elevation range from greater than 2100 masl on ridge tops overlooking the Little Hyland River to 1000 masl near the Hyland River.

Topographic relief varies from gentle to steep. Outcrop is abundant within creek-river valleys and on alpine hilltops and steeper slopes. Lower elevations, particularly valley floors, are blanketed by Pleistocene colluvium deposits and glacial till. The setting is dominantly characterized as alpine to sub alpine. Tree line in the area is at about 1400 masl. Slopes above that elevation are vegetated with grass, lichen and moss. Vegetation gradually increases down slope and comprises stunted black spruce, alpine fir and pine, plus willow, dwarf birch and Labrador tea ground cover.

The Property has a subarctic climate with cool summers, and very cold winters. Daily high temperatures in July average 15°C, with variation depending on elevation; daily highs in January average -20°C, although temperatures as low as -50°C have been recorded. Precipitation is moderate, although higher than most other areas of Yukon. Snowfall levels average about 1.5 meters by mid-March. The surface sampling field season extends from late June to mid-September, winter drilling may occur due to the firm surface conditions afforded by freezing.

The claims are 200 km east of Ross River and 200 km north of Watson Lake, the nearest supply centres. The village of Watson Lake, located on the Alaska Highway, is the region's main service center and provides basic support and logistical facilities. Watson Lake is connected to Whitehorse by 450 kilometers of paved Alaska Highway (Highway #1).

Access to the Property is by helicopter and four-wheel drive vehicle. Vehicular access is via the Nahanni Range Road (Rd# 10) off the Robert Campbell Highway (Rd# 4) from either Watson Lake, YT or Ross River, YT. A helicopter is required to access the remote parts of the property and was used for much of the 2017 work program.

Wheel equipped fixed wing aircraft can access the gravel Hyland airstrip located about 50 kilometers south of the Property.

Workers are accommodated at either the 3 Aces camp which is located at kilometer 134 on the Nahanni Range Road or in the auxiliary summer camp named Aben Camp located about 9 km north of the main Golden Predator, 3Aces Camp on the Nahanni Range Road.

## 4. History

In 1961, the Geological Survey of Canada (GSC) conducted a regional airborne magnetic survey over NTS map sheet 105H (Geological Survey of Canada, 1961). A regional magnetic low was outlined in the area now covered by the Reef Property.

In 1987, the GSC completed a regional stream sediment sampling survey on NTS map sheet 105H (Hornbrook and Friske, 1988). A sample from a creek draining the north end of the Property returned strongly anomalous values (98th percentile or greater for that survey) for gold (18 ppb), arsenic (250 ppm), zinc (588 ppm) and copper (142 ppm).

In 1994, Westmin Resources Limited performed a regional stream sediment sampling program that covered an area of approximately 7,000 km<sup>2</sup> stretching from the BC-Yukon border to the headwaters of the Hyland River (Jones and Caulfield, 2000). The survey was designed to test for distal (Telfer-style), sediment-hosted gold deposits in the Hyland Group sedimentary rocks. The strongest cluster of gold and arsenic results (greater than 90th percentile) from this survey were obtained from the area of the Reef Property.

In June 1996, Westmin staked the Fer 1-76 claims to cover drainages that produced the anomalous stream sediment samples (Jones and Caulfield, 2000). Westmin conducted geological mapping, prospecting and

contour soil sampling, and added the Fer 77-118 claims in July of that year. This work identified very high gold and arsenic values within areas of gossanous siliciclastic rocks. Gold values ranged from background to 1970 ppb in rock, and 1870 ppb in soil. Arsenic values were commonly greater than 100 ppm in both rock and soil and ranged up to greater than 1% in rock and 2330 ppm in soil (Jones and Caulfield, 2000).

In 1997, Westmin carried out additional geological mapping and grid soil sampling on the Fer property (Gale and Terry, 1998). Several samples of silicified quartzite with quartz veining and sulphide mineralization (arsenopyrite and pyrite) yielded between 0.100 and 2.28 g/t gold and 38 and 12200 ppm arsenic. Anomalous gold and arsenic values were also obtained from other rock types. Numerous weakly to very strongly anomalous gold and arsenic values were obtained from two soil sample grids on the Fer property, which corresponds to the South and Northeast grids. Elevated values for these elements tended to cluster and ranged from 50 to 1820 ppb gold and 100 to 5430 ppm arsenic.

In 1998, Rimfire Minerals Corporation optioned the Fer property from Westmin. Rimfire wanted to examine the potential for large tonnage, disseminated gold deposits on the property. It followed up the anomalous gold and arsenic values in soil on Westmin's grids by collecting closely-spaced chip samples. It also completed minor detailed mapping of the anomalous zones in conjunction with the sampling (Jones and Caulfield, 2000). In June 2009 the Fer claims were allowed to expire.

In July 2010, Strategic Metals re-staked the Reef claims over much of the former Fer claim block and completed one day of prospecting and grid soil sampling (Eaton 2011a). Strategic Metals' exploration program was primarily designed to identify a bedrock source for the very strong gold and arsenic in soil anomaly on the more southerly of Westmin's South and Northeast soil grids. A total of 33 rock samples were collected by Strategic Metals and many yielded elevated values for gold (up to 2.28 g/t).

In early 2011, Precipitate Gold Corp. acquired its options on the Reef and Jay claims from Strategic Metals and Bearing Resources, respectively. Precipitate also staked the Bloom 1 to 262 claims to the east. In May 2011, Precipitate completed a heliborne magnetic gradiometric and radiometric survey over the western half of the property. In mid-April 2012, Precipitate contracted S.J.V. Consultants Ltd (SJV) to perform multiple 3D magnetic susceptibility inversions of the 2011 Reef airborne magnetic data.

During the period from July 2011 to May 2012, Precipitate carried out soil (grid and contour/ridge), stream silt and rock sampling, geological mapping/prospecting, rock petrography, 3D inversion modeling of the 2011 airborne magnetics and comprehensive digital data/map compilation. A total of 144 rock, 841 soil and 113 silt samples were collected and analyzed.

Soil, silt, and rock samples were dispatched to the Inspectorate laboratories sample preparation laboratory in Whitehorse Yukon. Sample pulps were shipped to the Inspectorate analytical facility in Richmond, British Columbia (an ISO 9001:2008 accredited facility).

In July 2011, Simon Craggs completed a combined geological, structural and mineralization setting study of the Reef and Hy properties with an emphasis on the overall regional Upper Hyland Gold Trend setting. Craggs structural interpretation indicated that the repetition of the sedimentary units resulted from bedding parallel thrust faulting early in the deformation history of these rocks. Craggs's opinion was the junctions of the northwestward trending fold axes with enhanced brittle fractures, particularly in siliciclastic rocks, and of the north to north-easterly trending 2nd or 3rd order faults are most likely to be favourable areas for gold deposition. He also found evidence of gold deposition at the contact of phyllitic rocks, thus

indicating that phyllite units may impeded fluids flow and cause “ponding” at contact locations.

In 2011 Precipitate acquired SPOT 2.5 m satellite imagery (color digital ortho mosaics of false colour infrared (FCIR) and B543 false colour) from Pacific Geomatics Limited (North Vancouver BC) and a black-and-white air photo mosaic from the Nation Air Photo Library (Ottawa ON).

No work was done on the property from 2012 until Golden Predator optioned the claims in 2017.

## 5. Regional Geology

The Reef Property is located in the southeast corner of the Yukon along the edge of the ancient North American continental shelf, in the clastic sedimentary rocks of the Selwyn Basin (Gordey and Anderson, 1993). The Selwyn Basin is a long, narrow belt that extends across much of the south-eastern and central portions of the Yukon that records the progressive infilling of primarily Neoproterozoic to Devonian-aged rift basins formed along the margin of Ancient North America.

The oldest component of the Selwyn Basin stratigraphy is the late Neoproterozoic to Early Cambrian Hyland Group. The Hyland Group is sub-divided into the Yusezyu and Narchilla formations (Roots et al., 1966; Gordey and Anderson, 1993). The Yusezyu Formation consists of coarse-grained conglomerate and arkosic sandstone packages interbedded with thick black phyllite. Locally, green shale and ribbon-bedded limestones occur as lesser components of the formation and thick limestone units have been documented near the top of the Yusezyu Formation (Gordey and Anderson, 1993; Hart et al., 2006). The Narchilla Formation overlies the Yusezyu Formation and consists of thick sequences of maroon, green, and black shale interbedded with variable proportions of limestone and calcareous sandstone units. The contact between the formations is tectonized in the area, but regionally the stratigraphic contact is gradational (Gordey and Anderson, 1993). Sedimentary rocks like the Hyland Group occur along the strike-length of Ancient North America in the Yukon and British Columbia, comprising the Windermere Supergroup (Goodfellow, 2007).

The region surrounding the project area (Figure 5.1.) is dominated by Neoproterozoic to Early Cambrian clastic carbonate rocks of the Hyland Group (Windermere Supergroup), minor Lower Palaeozoic strata, and abundant Cretaceous intrusive bodies. The Lower Palaeozoic strata were deposited close to the shelf-slope boundary of Selwyn basin, an embayment in the Lower Palaeozoic Laurentian continental margin. The sedimentary rocks were deformed and metamorphosed under greenschist to amphibolite-facies conditions during the Cordilleran orogeny, which also led to the intrusion of abundant granitic rocks. A fault with large displacement, herein termed the Upper Hyland fault (UHF), is coincident with the Hyland River valley along much of the length of the mapped area (Moynihan, 2016a). Rocks on the east side of the fault where the property is located record a single episode of penetrative deformation and greenschist facies metamorphism, whereas much of the area to the west underwent polyphase deformation at a higher metamorphic grade. As a result, rocks on the eastern side of the fault can be readily correlated with well-known regional units, but the stratigraphic affinity of rocks west of the fault is less certain (Moynihan, 2017)

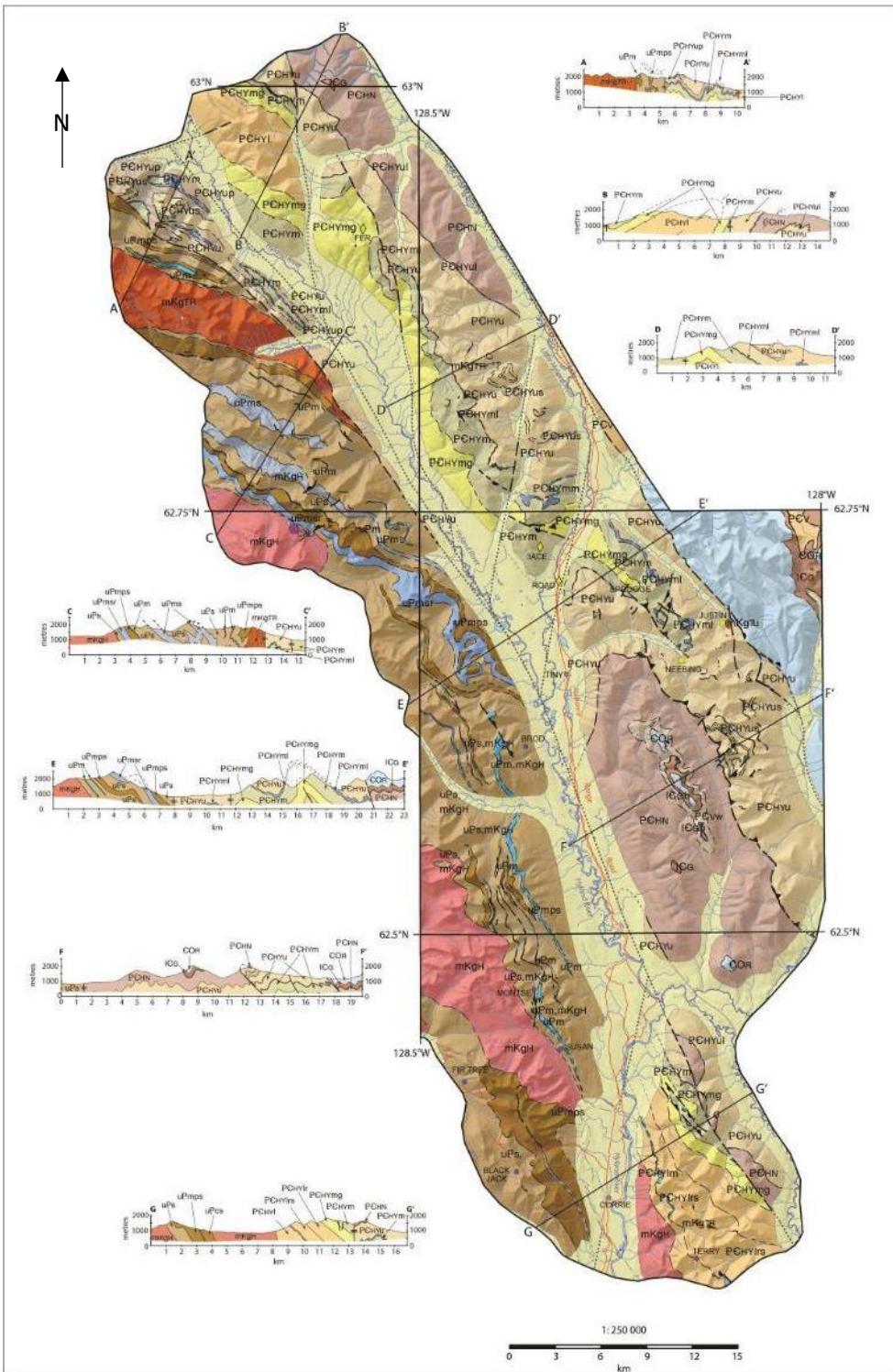


Figure 5.1 Regional geology of the Hyland Area (*Source Moynihan, 2017*)

## 6. Property Geology

The Reef property is underlain by fine-grained mudstone and siltstone (phyllite), medium-grained, quartz and quartz-feldspar sandstone, and coarse-grained quartz-pebble conglomerate of the Yuseyu Formation. Sandstone and conglomerate beds are tens of centimeters to meters thick and are interlayered with variable proportions of grey phyllite. The phyllite is mostly grey to dark grey but is locally maroon or green and can be locally carbonaceous.

Gold mineralization is commonly associated with quartz veins and quartz vein stockworks with minor amounts (<1%) sulphide minerals generally hosted at or near the contact between thick graded to massive, coarser sandstone-grit beds and interlayered phyllite. The coarser siliciclastic units are irregularly silicified and proximal to quartz veins almost completely flooded with silica.

## 7. 2017 Work Program

In 2017, soil sampling by Golden Predator infilled and expanded existing grid coverage. Along with detailed soil grids, helicopter supported prospecting and rock chip sampling was undertaken by Golden Predator geologists and contractors. Expenditures during the on the work program are presented in Table 7.1

Table 7.1 Reef Exploration Expenditures June – September 2017

COST CENTRE	EXPENSE
GEOLOGICAL CONSULTING	\$3,336.00
AIR SUPPORT: HELIDYNAMICS,	\$26,052.50
CAMP, FUEL, MISC.	\$8,497.18
SOIL SAMPLING: AURORA	\$24,115.52
ANALYTICAL: INSPECTORATE	\$17,049.84
REPORT PREPARATION:	\$2,000.00
<b>TOTAL</b>	<b>\$81,081.04</b>

### 7.1. Soil Sampling

A five-person crew from Aurora geoscience mobilized to the Reef Property on July 20, 2017 to begin the soil sampling program. Fly camps were established on the property and the helicopter was used for daily set outs to access the soil grid locations. Soil Sampling commenced on July 22, 2017. Soil lines were laid out on 200m spaced lines with 100m spaced sample stations. Data was gathered using the Avenza Maps (Previously PDF Maps) application installed on the Juniper CT5, which is a very rugged smart phone with an Android operating system and is equipped with GLONASS GPS. Geo-referenced maps (NAD 83 /UTM Zone 9N) were prepared with QGIS showing the location of each way point. The sampler would then simply drop a pin on their GPS location. For each pin, the sampler would include the following information as per a pre-set schema: sample number, 2 photos using the Juniper CT5 camera, sample depth, horizon sampled, depth within the sampled horizon, sample colour, percentage of organic material, sample composition (gravel, sand, silt, clay, and angular rock: anything larger than gravel), parent material, moisture content, vegetation cover, and topographic position.

Navigation to the sampling stations was performed using hand held Garmin 64S GPS units with the grid's waypoints installed from a gpx file (NAD 83) created with QGIS. At each station, the sampler would locate a suitable spot for soil ideally within a few metres or, if necessary, within a 20m radius of the waypoint. If no soil was found, the sampler would enter a pin at the waypoint's location with an indication of "no sample" and a brief note as to why; i.e. cliff or boulder talus.

The soil sampling program targeted the C-horizon using a hand auger or geotool at the discretion of the sampler; however, should no C-horizon be obtainable at the location, a B-horizon would be deemed acceptable. Some samplers chose the auger, some chose the geotool, and some chose a combination of both depending on the terrain covered that day. In areas vegetated with buck brush, the auger was found to be a better tool, but the geotools proved more versatile and were preferred above the tree line in rocky areas.

Samples were placed in Kraft brown paper bags and were air dried. Samples collected in 2017 were sent to Bureau Veritas Labs preparation facility located in Whitehorse, YT. Silt and soil samples collected on the Reef property are processed using the same analytical techniques package 50-AR-UT. The analytical technique 50-AR-UT was renamed AQ251\_EXT by Bureau Veritas.

#### 7.1.1. Grid Sampling

The 2017 grid was designed with a 200m line spacing and 100m sample spacing with a total 734 samples set in an irregular shaped area as see in Figure 7.1. The lines are oriented east west across a west-facing slope leading into the Hyland River to the west and extending down a shallow valley on the east side. The 2017 grid covers a fair amount of open terrain but extends through thick buckbrush on the western slope, like all grids along the Hyland River. Some open areas are accessible by helicopter at the bottom of the slope, but much hiking is required for certain lines. Soil sample grid locations for the, Reef Claim Group 2017 work season are shown in Figure 7.1.

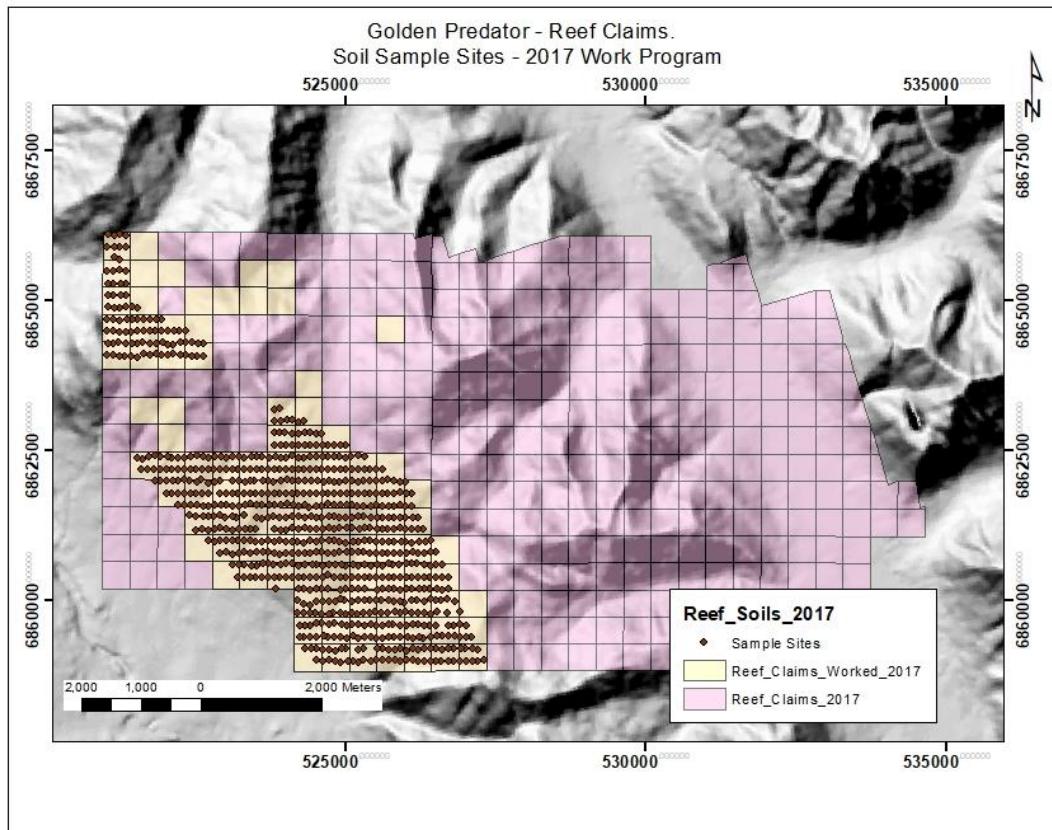


Figure 7.1. Soil sample grid locations, Reef Claim Group. UTM NAD 83 zone 9 (Source Golden Predator 2018).

Samples were submitted to Bureau Veritas Mineral Laboratories in Whitehorse to be dried (at 60°) and prepped (sieved to sieve 100g to -80 mesh) (B.V. code SS80) before being sent to Vancouver for Ultratrace ICP-MS analysis (AQ251\_Ext) for a suite of 53 elements (Assay certificates presented in Appendix I). Bureau Veritas internal duplicates, standards, and blanks were inserted within each shipment and QA/QC results were within industry standards.

Golden Predator spent eight field days prospecting, mapping and collected 59 rock chip samples during the period of June 19, 2017 to August 11, 2017. Material was collected from mostly sulphide free or minimally mineralized quartz veins, silicified and sulphide bearing grits, as well as ferruginous soils. Site inspections supported the contacts and rock types on Craggs (2011) geological map. Confirming Craggs structural interpretation will require further investigations.

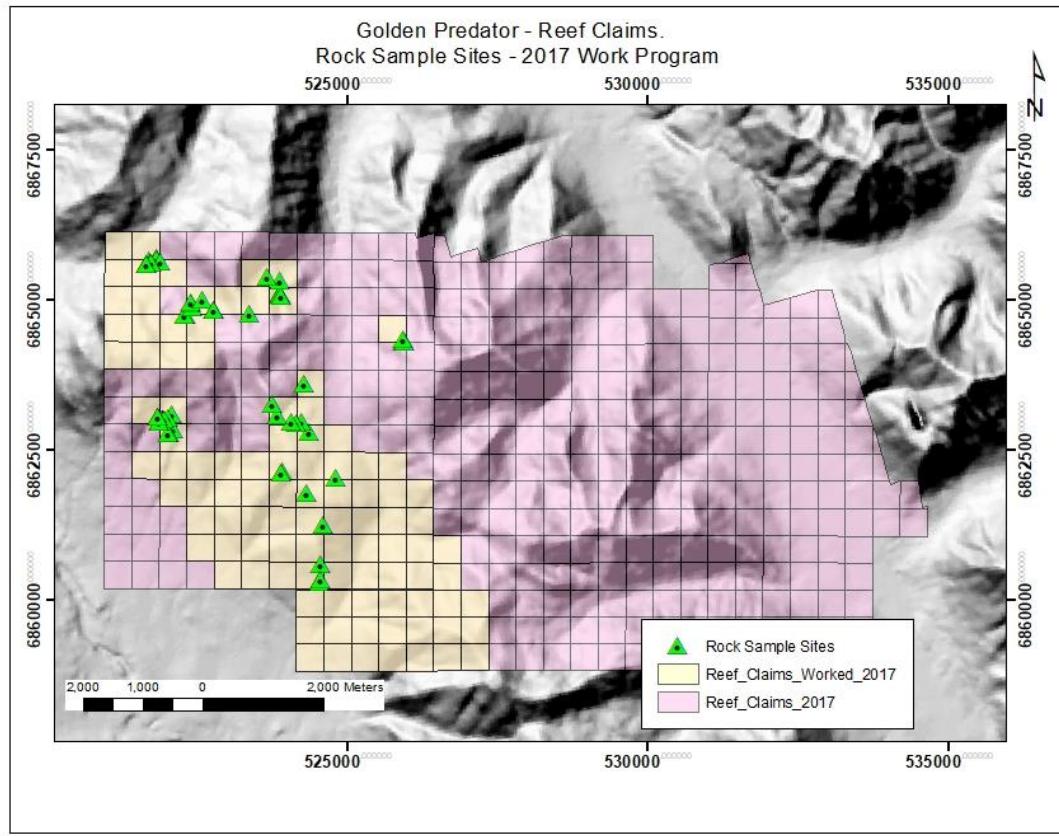


Figure 7.2. Rock chip sample locations, Reef Claim Group. UTM NAD 83 zone 9 (Source Golden Predator 2018).

## 8. Results

### 8.1. Grid Soil

Of the 734 soil samples collected, ten values exceeded 50 Au ppb, seven exceeded 100 Au ppb and two were greater than 250 Au ppb. The maximum Au ppb value was 657. Anomalous soil sample values extend 2.5 km south-east from a zone of anomalous gold geochemistry previously reported by Precipitate Gold Corp (2012). Soil sample results are presented on the map in Figure 8.1. A histogram of the soil sample values is given in Figure 8.2. Figure 8.3 displays the geochemical signature of As ppm in soil samples collected in 2017. Given the broad grid sample spacing (200 m x 100 m) the trend of anomalous Au in soil samples may require follow up with a closer spaced grid soil or rock chip sampling program.

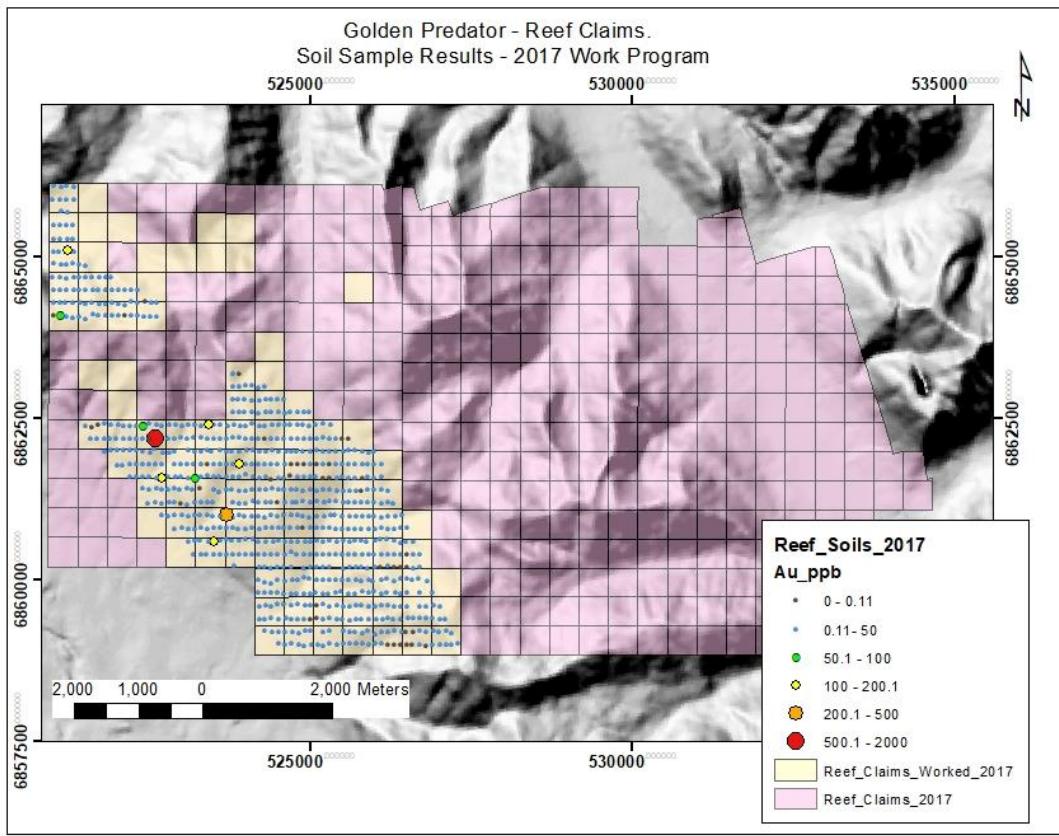


Figure 8.1. Soil sample results Au ppb, Reef Claim Group. UTM NAD 83 zone 9 (Source Golden Predator 2018)

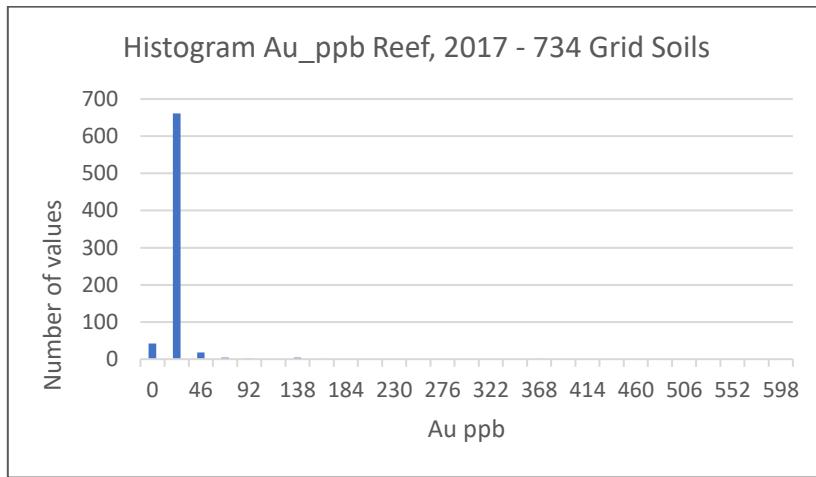


Figure 8.2 Histogram of soil sample results Au ppb, Reef Claim Group. (Source Golden Predator 2018).

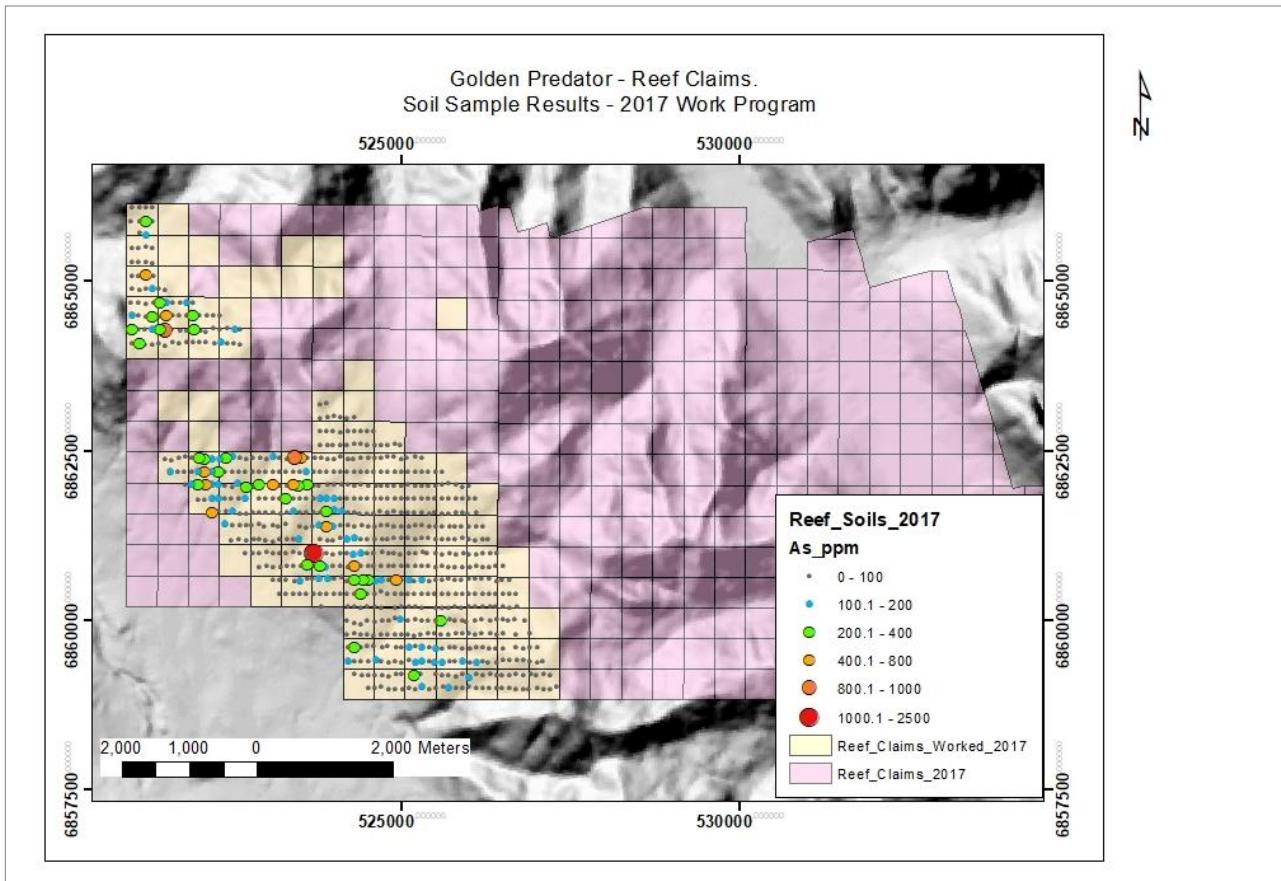


Figure 8.3 Soil sample results As ppm, Reef Claim Group. UTM NAD 83 zone 9 (Source Golden Predator 2018)

## 8.2. Rock Chip and Prospecting

The results of helicopter supported rock chip sampling and prospecting undertaken in the 2017 field season confirm the presence of gold mineralization in the same areas as samples collected by Precipitate Gold.

Further detailed mapping to follow up on anomalous rock chip samples in the north-western corner of the claim block may be warranted. Figures 8.4 and respectively 8.5 show the distribution of Au ppb and As ppm in rock chip samples collected in the 2017 field season.

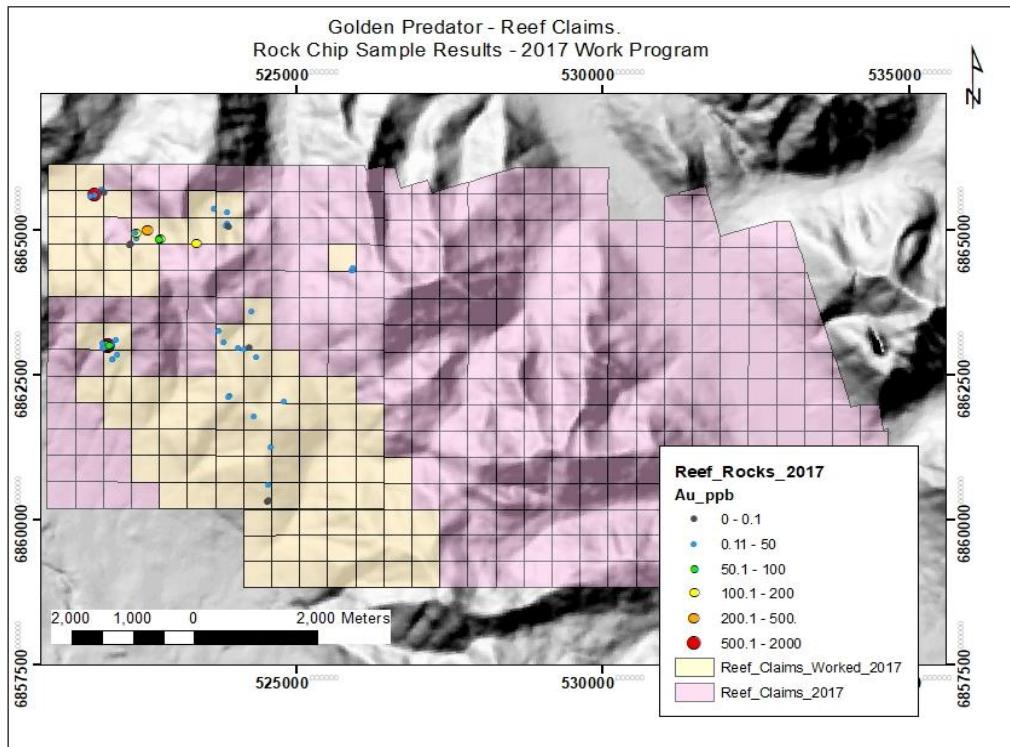


Figure 8.4. Rock chip sample results Au ppb, Reef Claim Group. UTM NAD 83 zone 9 (Source Golden Predator 2018)

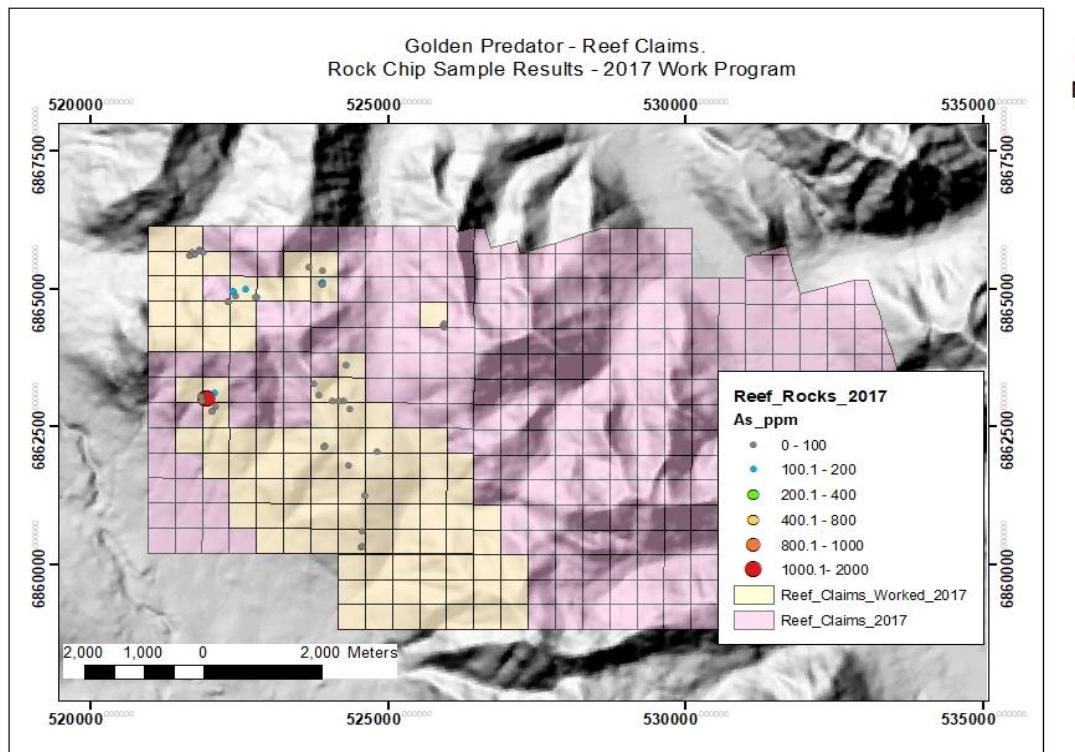


Figure 8.5 Rock chip sample results As ppm, Reef Claim Group. UTM NAD 83 zone 9. (Source Golden Predator 2018)

## 9. Interpretations, Recommendations, and Conclusions

### 9.1. Interpretations

Gold mineralization is commonly associated with quartz veins and quartz vein stockworks with minor amounts (<1%) sulphide minerals, generally hosted at or near the contact between thick graded to massive, coarser sandstone-grit beds and interlayered phyllite.

### 9.2. Recommendations

Based on the results of the 2017 program, and those of historical exploration on the Reef Claim Group, follow-up work is recommended. This work will extend broad spaced grid soil coverage along the NW-SE strike of the anomalous gold in both soil and rock chip values and infill with close spaced grid soil sampling and prospecting in anomalous areas.

### 9.3. Detailed Soil Grids

Close spaced grid soil coverage with a grid spacing of 50 m x 25 m and individual line length of 200 m may be required to infill the existing grid over areas of anomalous soil geochemistry discovered in 2017. Approximately five-line kilometers of infill grid soil sampling will cover the areas of anomalous gold in soil values.

#### 9.4. Regional Soil Grids

Extend to the south-east, the broad spaced (200m x 50m) east-west oriented grid soil coverage along the strike of anomalous gold in soil and rock chip values returned from previous years.

#### 9.5. Prospecting and Mapping

Follow up prospecting and geological mapping should be done in the areas of anomalous rock chip geochemistry with attention paid to fold hinges, fault intersections, and grit/phyllite contacts.

Geological mapping at a suitably detailed scale, is needed to understand the source and context of anomalous mineralization returned from 2017 rock chip sampling.

### 10. Conclusions

Work to date on the Reef Claim Group does not indicate high priority targets requiring drill testing. Further prospecting, mapping, and soil sampling may define a target requiring further investigation. This area remains a green-fields exploration endeavor.

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## Appendix 1 Soil Sample Results

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	20161	WHI17000830	UTM83-9	526901.1873	6859811.8850	0.0012	1.2	0.111	7.7
2017	Soil	20162	WHI17000830	UTM83-9	526699.8810	6859798.3000	0.0018	1.8	0.167	9.2
2017	Soil	20163	WHI17000830	UTM83-9	526513.6251	6859809.7350	0.0012	1.2	0.091	5.9
2017	Soil	20164	WHI17000830	UTM83-9	526417.9830	6859786.4850	0.0009	0.9	0.075	6.4
2017	Soil	20165	WHI17000830	UTM83-9	526321.2842	6859803.3940	0.0009	0.9	0.13	4.5
2017	Soil	20166	WHI17000830	UTM83-9	526196.0512	6859802.3370	0.0011	1.1	0.166	4.4
2017	Soil	20167	WHI17000830	UTM83-9	526105.6932	6859789.6550	0.0018	1.8	0.125	6.7
2017	Soil	20168	WHI17000830	UTM83-9	525995.7842	6859816.6040	0.0015	1.5	0.119	7.9
2017	Soil	20169	WHI17000830	UTM83-9	525910.1819	6859799.6950	0.0015	1.5	0.126	6.7
2017	Soil	20170	WHI17000830	UTM83-9	525817.1819	6859815.0190	0.0006	0.6	0.152	3.2
2017	Soil	20171	WHI17000830	UTM83-9	525702.5171	6859791.2410	0.0029	2.9	0.105	38.3
2017	Soil	20172	WHI17000830	UTM83-9	525596.4632	6859791.6100	0.0065	6.5	0.032	5.7
2017	Soil	20173	WHI17000830	UTM83-9	525492.5942	6859815.9450	0.0043	4.3	0.054	9.4
2017	Soil	20174	WHI17000830	UTM83-9	525402.9695	6859801.1070	0.0019	1.9	0.065	86.4
2017	Soil	20175	WHI17000830	UTM83-9	525294.7153	6859787.7610	0.0014	1.4	0.032	32.7
2017	Soil	20176	WHI17000830	UTM83-9	525198.8800	6859780.8330	0.0028	2.8	0.041	24
2017	Soil	20177	WHI17000830	UTM83-9	525099.0032	6859792.9570	0.0056	5.6	0.099	19.6
2017	Soil	20178	WHI17000830	UTM83-9	525002.0131	6859783.1420	0.0007	0.7	0.059	31.9
2017	Soil	20179	WHI17000830	UTM83-9	524910.7962	6859792.3790	0.0061	6.1	0.123	81.8
2017	Soil	20180	WHI17000830	UTM83-9	524795.9093	6859791.8020	0.0017	1.7	0.037	42.4
2017	Soil	20181	WHI17000830	UTM83-9	524716.2387	6859784.2970	0.0063	6.3	0.057	44.5
2017	Soil	20182	WHI17000832	UTM83-9	524600.7744	6859778.5230	0.0029	2.9	0.053	64.9
2017	Soil	20183	WHI17000832	UTM83-9	524495.1245	6859794.1110	0.0035	3.5	0.027	28.9
2017	Soil	20184	WHI17000832	UTM83-9	524400.4436	6859796.9980	0.0012	1.2	0.056	28.7
2017	Soil	20185	WHI17000832	UTM83-9	524309.8041	6859802.1940	0.005	5	0.142	32.6
2017	Soil	20186	WHI17000832	UTM83-9	524202.4223	6859793.5340	0.0037	3.7	0.045	33.8
2017	Soil	20192	WHI17000830	UTM83-9	526205.7638	6861387.6040	0.0003	0.3	0.049	11.2
2017	Soil	20193	WHI17000830	UTM83-9	526111.3375	6861391.3510	0.0026	2.6	0.094	21.9
2017	Soil	20194	WHI17000830	UTM83-9	525995.9276	6861389.1030	0.0009	0.9	0.117	11.8
2017	Soil	20195	WHI17000830	UTM83-9	525900.7515	6861392.1000	0.0016	1.6	0.045	21.1
2017	Soil	20196	WHI17000830	UTM83-9	525804.0769	6861382.3580	0.0001	0.1	0.018	16.5
2017	Soil	20197	WHI17000830	UTM83-9	525713.3975	6861385.3560	0.0013	1.3	0.078	11.5
2017	Soil	20198	WHI17000830	UTM83-9	525616.7229	6861380.1100	0.0006	0.6	0.066	20.8
2017	Soil	20199	WHI17000830	UTM83-9	525520.0488	6861386.8550	0.0011	1.1	0.053	33.7
2017	Soil	20200	WHI17000830	UTM83-9	525415.0584	6861385.6920	0.0122	12.2	0.036	18.7
2017	Soil	20202	WHI17000830	UTM83-9	525303.6864	6861403.1750	0.0009	0.9	0.016	23.7
2017	Soil	20203	WHI17000830	UTM83-9	525211.7396	6861403.1750	0.0006	0.6	0.09	3.4
2017	Soil	20204	WHI17000830	UTM83-9	525113.3178	6861378.5700	0.0019	1.9	0.102	17.2
2017	Soil	20205	WHI17000830	UTM83-9	525005.1833	6861392.8150	0.0004	0.4	0.132	1.9
2017	Soil	20206	WHI17000830	UTM83-9	524897.3563	6861382.8930	0.0007	0.7	0.017	1.7
2017	Soil	20207	WHI17000830	UTM83-9	524798.4233	6861401.3980	0.0006	0.6	0.161	6.3
2017	Soil	20208	WHI17000830	UTM83-9	524715.1486	6861395.7040	0.001	1	0.078	26.7
2017	Soil	20209	WHI17000830	UTM83-9	524606.2509	6861388.5870	0.0028	2.8	0.128	17.3
2017	Soil	20210	WHI17000830	UTM83-9	524521.5527	6861390.7220	0.0007	0.7	0.051	7.6
2017	Soil	20211	WHI17000830	UTM83-9	524420.4844	6861411.3630	0.0007	0.7	0.026	8.2
2017	Soil	20212	WHI17000830	UTM83-9	524319.4161	6861393.5690	0.0056	5.6	0.049	24.5
2017	Soil	20213	WHI17000830	UTM83-9	524217.6360	6861401.3980	0.0027	2.7	0.033	40.2

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	20214	WHI17000830	UTM83-9	524114.2579	6861401.9260	0.0032	3.2	0.093	41.9
2017	Soil	20215	WHI17000830	UTM83-9	524003.3994	6861382.8930	0.0073	7.3	0.125	142.4
2017	Soil	20216	WHI17000830	UTM83-9	523900.1957	6861385.7400	0.0112	11.2	0.321	408.7
2017	Soil	20217	WHI17000830	UTM83-9	523799.0880	6861397.2730	0.0099	9.9	0.112	135.6
2017	Soil	20218	WHI17000830	UTM83-9	523701.6904	6861390.2160	0.0088	8.8	0.257	65.3
2017	Soil	20282	WHI17000855	UTM83-9	525215.2971	6859616.0090	0.0028	2.8	0.172	97.9
2017	Soil	20283	WHI17000855	UTM83-9	525112.9155	6859603.4530	0.0001	0.1	0.026	190.9
2017	Soil	20284	WHI17000855	UTM83-9	525010.5342	6859595.7260	0.0002	0.2	0.352	52
2017	Soil	20285	WHI17000855	UTM83-9	524932.2992	6859607.3160	0.0049	4.9	0.067	85.8
2017	Soil	20286	WHI17000855	UTM83-9	524810.6002	6859620.8390	0.0066	6.6	0.033	31.9
2017	Soil	20287	WHI17000855	UTM83-9	524718.8433	6859610.2140	0.001	1	0.129	29.7
2017	Soil	20288	WHI17000855	UTM83-9	524603.9056	6859618.9070	0.0024	2.4	0.14	26
2017	Soil	20289	WHI17000855	UTM83-9	524504.4217	6859617.9410	0.0028	2.8	0.336	24.5
2017	Soil	20290	WHI17000855	UTM83-9	524405.9036	6859594.7600	0.0009	0.9	0.145	13.8
2017	Soil	20291	WHI17000855	UTM83-9	524318.0100	6859595.7260	0.0045	4.5	0.055	215.4
2017	Soil	20292	WHI17000855	UTM83-9	524226.2531	6859594.7600	0.0027	2.7	0.252	49.7
2017	Soil	21710	WHI17000830	UTM83-9	526823.1489	6859987.9020	0.0018	1.8	0.133	6
2017	Soil	21711	WHI17000830	UTM83-9	526684.6506	6860023.5910	0.0011	1.1	0.026	4.9
2017	Soil	21712	WHI17000830	UTM83-9	526591.5437	6860004.7000	0.0031	3.1	0.136	8.2
2017	Soil	21713	WHI17000830	UTM83-9	526507.8827	6860014.1460	0.0022	2.2	0.156	10.3
2017	Soil	21714	WHI17000830	UTM83-9	526412.0771	6860020.8930	0.0004	0.4	0.062	3.9
2017	Soil	21715	WHI17000830	UTM83-9	526317.6214	6859988.5080	0.0005	0.5	0.05	8.5
2017	Soil	21716	WHI17000830	UTM83-9	526184.0335	6860019.5430	0.0011	1.1	0.101	12.7
2017	Soil	21717	WHI17000830	UTM83-9	526104.4202	6860002.0010	0.0008	0.8	0.085	3.5
2017	Soil	21718	WHI17000830	UTM83-9	525970.8323	6859973.6650	0.0006	0.6	0.108	4.5
2017	Soil	21719	WHI17000830	UTM83-9	525910.1901	6859993.5660	0.0011	1.1	0.064	8.8
2017	Soil	21720	WHI17000830	UTM83-9	525803.3364	6859989.3200	0.0014	1.4	0.182	6.8
2017	Soil	21721	WHI17000830	UTM83-9	525714.4001	6860006.5630	0.0015	1.5	0.044	8.4
2017	Soil	21722	WHI17000830	UTM83-9	525599.0563	6860002.1390	0.008	8	0.068	230
2017	Soil	21723	WHI17000830	UTM83-9	525512.8177	6860000.3350	0.0004	0.4	0.013	7.9
2017	Soil	21724	WHI17000830	UTM83-9	525409.9720	6860003.9820	0.0053	5.3	0.059	10.2
2017	Soil	21725	WHI17000830	UTM83-9	525305.6674	6860003.2520	0.0017	1.7	0.052	25.7
2017	Soil	21726	WHI17000830	UTM83-9	525213.7622	6860006.8990	0.0024	2.4	0.087	12.3
2017	Soil	21727	WHI17000830	UTM83-9	525101.4342	6859995.2290	0.0013	1.3	0.078	99.4
2017	Soil	21728	WHI17000830	UTM83-9	524985.4590	6860019.2990	0.0024	2.4	0.08	118
2017	Soil	21729	WHI17000830	UTM83-9	524907.5594	6860036.7570	0.0022	2.2	0.162	38.3
2017	Soil	21730	WHI17000830	UTM83-9	524821.8681	6859993.9110	0.0013	1.3	0.17	71.7
2017	Soil	21731	WHI17000831	UTM83-9	524726.9955	6859996.9710	0.0019	1.9	0.098	59.9
2017	Soil	21732	WHI17000831	UTM83-9	524608.6233	6859983.8310	0.0029	2.9	0.077	29.3
2017	Soil	21733	WHI17000831	UTM83-9	524507.6497	6859994.0290	0.0041	4.1	0.067	36.2
2017	Soil	21734	WHI17000831	UTM83-9	524403.3599	6859933.8590	0.0045	4.5	0.209	32
2017	Soil	21735	WHI17000831	UTM83-9	524308.0455	6859955.5760	0.0035	3.5	0.092	35.8
2017	Soil	21736	WHI17000831	UTM83-9	524202.1686	6859999.8680	0.0053	5.3	0.203	58.3
2017	Soil	21737	WHI17000831	UTM83-9	526289.3995	6861189.2870	0.0005	0.5	0.024	23.8
2017	Soil	21738	WHI17000831	UTM83-9	526203.1987	6861202.1230	0.0019	1.9	0.092	28
2017	Soil	21739	WHI17000831	UTM83-9	526105.0000	6861188.0000	0.0017	1.7	0.102	21.5
2017	Soil	21740	WHI17000831	UTM83-9	525995.2754	6861202.7500	0.0022	2.2	0.065	21.1
2017	Soil	21741	WHI17000831	UTM83-9	525904.8679	6861207.5080	0.0023	2.3	0.089	24.8
2017	Soil	21742	WHI17000831	UTM83-9	525800.1851	6861200.3710	0.0018	1.8	0.109	22.4

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	21743	WHI17000831	UTM83-9	525698.3667	6861203.0680	0.0018	1.8	0.091	12.1
2017	Soil	21744	WHI17000831	UTM83-9	525605.3172	6861204.0790	0.0018	1.8	0.05	22.1
2017	Soil	21745	WHI17000831	UTM83-9	525518.3361	6861192.9540	0.0018	1.8	0.043	16.6
2017	Soil	21746	WHI17000831	UTM83-9	525403.7621	6861211.8910	0.0007	0.7	0.065	2.8
2017	Soil	21747	WHI17000831	UTM83-9	525309.4747	6861221.1300	0.0023	2.3	0.137	8
2017	Soil	21748	WHI17000831	UTM83-9	525224.8779	6861200.6630	0.0022	2.2	0.107	10.1
2017	Soil	21749	WHI17000831	UTM83-9	525100.7113	6861218.4010	0.0021	2.1	0.125	6.9
2017	Soil	21750	WHI17000831	UTM83-9	525014.7499	6861210.2140	0.0014	1.4	0.068	13.4
2017	Soil	21752	WHI17000831	UTM83-9	524901.4990	6861222.4950	0.0011	1.1	0.039	12.5
2017	Soil	21753	WHI17000831	UTM83-9	524799.1638	6861204.7560	0.0019	1.9	0.073	7.7
2017	Soil	21754	WHI17000831	UTM83-9	524726.8469	6861206.1210	0.0014	1.4	0.138	20
2017	Soil	21755	WHI17000831	UTM83-9	524614.9606	6861196.5690	0.0008	0.8	0.033	6.2
2017	Soil	21756	WHI17000831	UTM83-9	524507.4722	6861201.5350	0.0001	0.1	0.026	3
2017	Soil	21757	WHI17000831	UTM83-9	524402.2961	6861200.7390	0.008	8	0.072	91.2
2017	Soil	21758	WHI17000831	UTM83-9	524320.8935	6861209.5720	0.0063	6.3	0.099	106.8
2017	Soil	21759	WHI17000831	UTM83-9	524209.4590	6861204.6560	0.0102	10.2	0.214	199
2017	Soil	21760	WHI17000831	UTM83-9	524116.0514	6861219.4040	0.0017	1.7	0.117	88.7
2017	Soil	21761	WHI17000831	UTM83-9	524001.9037	6861177.2710	0.0173	17.3	0.142	79
2017	Soil	21762	WHI17000831	UTM83-9	523913.9228	6861183.1290	0.0026	2.6	0.159	33.5
2017	Soil	21763	WHI17000831	UTM83-9	523808.1207	6861196.5210	0.0019	1.9	0.053	84.6
2017	Soil	21834	WHI17000854	UTM83-9	524409.7743	6860998.2800	0.0053	5.3	0.024	138.2
2017	Soil	21835	WHI17000854	UTM83-9	524292.2487	6860972.1630	0.002	2	0.183	106.5
2017	Soil	21836	WHI17000854	UTM83-9	524203.4515	6860990.4450	0.0076	7.6	0.186	36
2017	Soil	21837	WHI17000854	UTM83-9	524110.1646	6860991.2590	0.0015	1.5	0.047	25.7
2017	Soil	21838	WHI17000854	UTM83-9	523995.9131	6860976.4770	0.0024	2.4	0.097	65.4
2017	Soil	21839	WHI17000854	UTM83-9	523905.8803	6860994.7950	0.0057	5.7	0.097	27.6
2017	Soil	21840	WHI17000854	UTM83-9	523809.4175	6860973.2060	0.0017	1.7	0.123	33.4
2017	Soil	21841	WHI17000856	UTM83-9	523714.0742	6860997.0650	0.3573	357.3	2.015	2223.5
2017	Soil	21842	WHI17000856	UTM83-9	523609.2384	6860988.5260	0.0032	3.2	0.035	47
2017	Soil	21843	WHI17000856	UTM83-9	523503.0821	6860990.7040	0.0033	3.3	0.043	33.3
2017	Soil	21844	WHI17000856	UTM83-9	523411.2976	6861002.9000	0.0014	1.4	0.165	13.4
2017	Soil	21845	WHI17000856	UTM83-9	523303.7852	6860997.9600	0.0108	10.8	0.228	68.5
2017	Soil	21846	WHI17000856	UTM83-9	523208.6164	6860999.8150	0.0216	21.6	0.199	86.6
2017	Soil	21847	WHI17000856	UTM83-9	523110.3919	6860993.8880	0.0007	0.7	0.067	30.2
2017	Soil	21848	WHI17000856	UTM83-9	523012.2886	6861001.1970	0.0022	2.2	0.101	37.8
2017	Soil	21849	WHI17000856	UTM83-9	522904.4070	6860996.1840	0.0023	2.3	0.082	41.6
2017	Soil	21850	WHI17000857	UTM83-9	522808.7581	6860992.1720	0.0065	6.5	0.117	52.4
2017	Soil	21852	WHI17000857	UTM83-9	522706.9399	6860994.6610	0.0054	5.4	0.035	47.3
2017	Soil	21853	WHI17000857	UTM83-9	523598.5505	6861365.1750	0.0013	1.3	0.186	20.8
2017	Soil	21854	WHI17000857	UTM83-9	523508.1639	6861394.0230	0.0003	0.3	0.067	16.6
2017	Soil	21855	WHI17000857	UTM83-9	523301.4262	6861417.6840	0.0001	0.1	0.099	60.7
2017	Soil	21856	WHI17000857	UTM83-9	523182.5342	6861393.9060	0.0027	2.7	0.176	83.6
2017	Soil	21857	WHI17000857	UTM83-9	523105.9148	6861411.3430	0.0094	9.4	0.239	24
2017	Soil	21858	WHI17000857	UTM83-9	522989.1364	6861391.7920	0.004	4	0.023	79.8
2017	Soil	21859	WHI17000857	UTM83-9	522900.7752	6861418.4100	0.0019	1.9	0.113	28.5
2017	Soil	21860	WHI17000857	UTM83-9	522800.8212	6861405.9160	0.0023	2.3	0.044	37.7
2017	Soil	21861	WHI17000857	UTM83-9	522715.0082	6861404.5720	0.0043	4.3	0.11	38.6
2017	Soil	21862	WHI17000857	UTM83-9	522622.6331	6861409.0830	0.0036	3.6	0.084	34.8
2017	Soil	21863	WHI17000857	UTM83-9	522508.4427	6861397.5670	0.0156	15.6	0.138	73.9

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	21937	WHI17000855	UTM83-9	525000.0000	6862593.0000	0.0034	3.4	0.068	18.2
2017	Soil	21938	WHI17000855	UTM83-9	524906.4430	6862598.1420	0.0014	1.4	0.043	13.9
2017	Soil	21939	WHI17000855	UTM83-9	524805.2008	6862594.3930	0.0018	1.8	0.056	11.6
2017	Soil	21940	WHI17000855	UTM83-9	524702.3192	6862592.7790	0.0008	0.8	0.081	8.4
2017	Soil	21941	WHI17000855	UTM83-9	524612.1181	6862589.1100	0.0008	0.8	0.037	17.9
2017	Soil	21942	WHI17000855	UTM83-9	524508.6792	6862595.0940	0.0011	1.1	0.084	12
2017	Soil	21943	WHI17000855	UTM83-9	524403.5629	6862600.5770	0.0009	0.9	0.017	9.2
2017	Soil	21944	WHI17000855	UTM83-9	524318.7136	6862599.0090	0.0005	0.5	0.038	3.6
2017	Soil	21945	WHI17000855	UTM83-9	524205.3760	6862588.9030	0.0005	0.5	0.05	9
2017	Soil	21946	WHI17000855	UTM83-9	524103.0000	6862595.0000	0.0006	0.6	0.064	6.7
2017	Soil	21947	WHI17000855	UTM83-9	523993.5843	6862595.5620	0.0003	0.3	0.033	3.9
2017	Soil	21948	WHI17000855	UTM83-9	523913.7094	6862594.0290	0.0011	1.1	0.017	16.9
2017	Soil	21949	WHI17000855	UTM83-9	523812.7358	6862595.1210	0.0082	8.2	0.079	14.3
2017	Soil	21950	WHI17000855	UTM83-9	523808.5485	6862794.4840	0.003	3	0.025	15.5
2017	Soil	21952	WHI17000855	UTM83-9	523893.5548	6862794.3150	0.0034	3.4	0.017	9.4
2017	Soil	21953	WHI17000855	UTM83-9	523987.7483	6862793.2910	0.0016	1.6	0.044	11.6
2017	Soil	22162	WHI17000830	UTM83-9	527099.1023	6859388.5930	0.0023	2.3	0.198	6.4
2017	Soil	22163	WHI17000830	UTM83-9	527017.7273	6859384.8940	0.0011	1.1	0.098	13.3
2017	Soil	22164	WHI17000830	UTM83-9	526910.4603	6859403.9170	0.0009	0.9	0.09	5.5
2017	Soil	22165	WHI17000830	UTM83-9	526812.1762	6859409.7290	0.0019	1.9	0.193	8
2017	Soil	22166	WHI17000830	UTM83-9	526713.8921	6859407.0870	0.0023	2.3	0.165	11.9
2017	Soil	22167	WHI17000830	UTM83-9	526612.4278	6859406.4780	0.0017	1.7	0.144	6.4
2017	Soil	22168	WHI17000830	UTM83-9	526518.9040	6859407.1250	0.0029	2.9	0.174	20.8
2017	Soil	22169	WHI17000830	UTM83-9	526414.2842	6859386.4790	0.0009	0.9	0.093	7.1
2017	Soil	22170	WHI17000830	UTM83-9	526293.2728	6859380.0440	0.0012	1.2	0.077	9
2017	Soil	22171	WHI17000830	UTM83-9	526218.7728	6859398.6330	0.0026	2.6	0.151	14.8
2017	Soil	22172	WHI17000830	UTM83-9	526026.0000	6859386.0000	0.0189	18.9	0.327	47.2
2017	Soil	22173	WHI17000830	UTM83-9	526124.1876	6859384.3660	0.0131	13.1	0.076	104.6
2017	Soil	22174	WHI17000830	UTM83-9	525915.4660	6859389.1210	0.0256	25.6	0.077	193.5
2017	Soil	22175	WHI17000830	UTM83-9	525793.4035	6859397.0480	0.0012	1.2	0.026	23.8
2017	Soil	22176	WHI17000830	UTM83-9	525715.4482	6859390.4030	0.0083	8.3	0.06	19
2017	Soil	22177	WHI17000830	UTM83-9	525615.8580	6859371.6840	0.013	13	0.452	144.3
2017	Soil	22178	WHI17000830	UTM83-9	525499.6080	6859383.3090	0.0054	5.4	0.042	100.4
2017	Soil	22179	WHI17000830	UTM83-9	525421.9319	6859391.7630	0.0011	1.1	0.071	72.5
2017	Soil	22180	WHI17000830	UTM83-9	525315.7217	6859401.8030	0.0015	1.5	0.115	105.4
2017	Soil	22181	WHI17000830	UTM83-9	525213.2103	6859381.1950	0.0044	4.4	0.083	177.6
2017	Soil	22182	WHI17000830	UTM83-9	525115.4546	6859406.0300	0.0001	0.1	0.126	9
2017	Soil	22183	WHI17000830	UTM83-9	525011.8864	6859383.8370	0.0001	0.1	0.05	3.5
2017	Soil	22184	WHI17000830	UTM83-9	524907.2614	6859393.8770	0.0018	1.8	0.089	17.2
2017	Soil	22185	WHI17000830	UTM83-9	524813.7454	6859386.5080	0.0029	2.9	0.067	45.3
2017	Soil	22186	WHI17000830	UTM83-9	526423.7955	6860996.0130	0.0017	1.7	0.085	23
2017	Soil	22187	WHI17000830	UTM83-9	526324.9830	6860982.2750	0.0007	0.7	0.074	9.8
2017	Soil	22188	WHI17000830	UTM83-9	526218.2444	6860990.2010	0.0019	1.9	0.037	4.8
2017	Soil	22189	WHI17000830	UTM83-9	526108.3750	6860971.7040	0.0013	1.3	0.069	7.5
2017	Soil	22190	WHI17000830	UTM83-9	526001.7190	6860979.4140	0.0021	2.1	0.138	6.4
2017	Soil	22191	WHI17000830	UTM83-9	525922.6903	6860985.1970	0.0009	0.9	0.042	7.2
2017	Soil	22192	WHI17000830	UTM83-9	525810.8941	6860980.0570	0.0015	1.5	0.09	7.5
2017	Soil	22193	WHI17000830	UTM83-9	525715.1989	6860990.2010	0.0011	1.1	0.048	8.6
2017	Soil	22194	WHI17000830	UTM83-9	525615.0000	6860975.0000	0.0005	0.5	0.231	7.7

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	22195	WHI17000830	UTM83-9	525512.8182	6860982.8030	0.0006	0.6	0.035	9.5
2017	Soil	22196	WHI17000830	UTM83-9	525391.2842	6860996.0130	0.0025	2.5	0.074	15.1
2017	Soil	22197	WHI17000830	UTM83-9	525324.7046	6861002.3540	0.0009	0.9	0.025	14.4
2017	Soil	22198	WHI17000830	UTM83-9	525219.0228	6860988.6160	0.0024	2.4	0.095	65.4
2017	Soil	22199	WHI17000830	UTM83-9	525118.8005	6860990.5530	0.002	2	0.063	90
2017	Soil	22200	WHI17000830	UTM83-9	524996.0246	6860968.6600	0.0017	1.7	0.05	16
2017	Soil	22202	WHI17000854	UTM83-9	524902.5057	6860984.9170	0.0009	0.9	0.031	8.7
2017	Soil	22203	WHI17000854	UTM83-9	524816.9035	6860997.0700	0.0008	0.8	0.047	15.6
2017	Soil	22204	WHI17000854	UTM83-9	524723.9246	6861006.6170	0.0045	4.5	0.166	24.4
2017	Soil	22205	WHI17000854	UTM83-9	524606.0682	6860999.7120	0.0062	6.2	0.165	28.8
2017	Soil	22206	WHI17000854	UTM83-9	524501.4432	6860985.4450	0.002	2	0.093	15.8
2017	Soil	22259	WHI17000857	UTM83-9	522713.3749	6861183.8160	0.001	1	0.306	38.1
2017	Soil	22260	WHI17000857	UTM83-9	522600.6310	6861195.9840	0.0005	0.5	0.082	34.1
2017	Soil	22261	WHI17000857	UTM83-9	522497.2055	6861179.1740	0.0029	2.9	0.097	93.9
2017	Soil	22262	WHI17000857	UTM83-9	523597.9806	6861592.2260	0.0031	3.1	0.185	36.9
2017	Soil	22263	WHI17000857	UTM83-9	523514.3947	6861588.9680	0.0014	1.4	0.066	17.8
2017	Soil	22264	WHI17000857	UTM83-9	523420.6397	6861607.3860	0.0095	9.5	0.144	102.9
2017	Soil	22265	WHI17000857	UTM83-9	523323.0000	6861599.0000	0.0128	12.8	0.031	34.8
2017	Soil	22266	WHI17000857	UTM83-9	523220.8794	6861582.4190	0.0788	78.8	0.152	73.6
2017	Soil	22267	WHI17000857	UTM83-9	523117.0000	6861584.0000	0.0059	5.9	0.112	68.6
2017	Soil	22268	WHI17000857	UTM83-9	523004.4821	6861591.5990	0.0027	2.7	0.133	79.6
2017	Soil	22269	WHI17000857	UTM83-9	522914.6444	6861594.8780	0.0059	5.9	0.133	84.4
2017	Soil	22270	WHI17000857	UTM83-9	522809.7245	6861596.1890	0.0034	3.4	0.163	34.9
2017	Soil	22271	WHI17000857	UTM83-9	522713.0000	6861578.0000	0.1287	128.7	0.166	41.2
2017	Soil	22272	WHI17000857	UTM83-9	522617.5899	6861580.4510	0.0011	1.1	0.048	29.1
2017	Soil	22273	WHI17000857	UTM83-9	522511.3585	6861602.7470	0.0187	18.7	0.081	102.1
2017	Soil	22274	WHI17000857	UTM83-9	522414.3076	6861602.0910	0.0088	8.8	0.158	47.5
2017	Soil	22275	WHI17000857	UTM83-9	522316.0000	6861604.0000	0.0007	0.7	0.254	17.3
2017	Soil	22276	WHI17000857	UTM83-9	522214.3040	6861588.3200	0.0041	4.1	0.193	474.7
2017	Soil	22277	WHI17000857	UTM83-9	522100.3523	6861779.1160	0.0014	1.4	0.245	32.4
2017	Soil	22278	WHI17000857	UTM83-9	522009.9944	6861779.1160	0.011	11	0.438	87.4
2017	Soil	23352	WHI17000856	UTM83-9	524707.5550	6859393.6990	0.0021	2.1	0.057	33.8
2017	Soil	23353	WHI17000856	UTM83-9	524636.4551	6859407.2420	0.0037	3.7	0.403	106.5
2017	Soil	23354	WHI17000856	UTM83-9	524514.5699	6859397.0850	0.0027	2.7	0.05	55.5
2017	Soil	23355	WHI17000856	UTM83-9	524406.3296	6859403.3880	0.0025	2.5	0.031	26.5
2017	Soil	23356	WHI17000856	UTM83-9	524306.4603	6859391.7630	0.0014	1.4	0.155	31.7
2017	Soil	23357	WHI17000856	UTM83-9	524226.1421	6859390.1780	0.0043	4.3	0.205	118.1
2017	Soil	25050	WHI17000854	UTM83-9	524313.5231	6860800.4390	0.0094	9.4	0.296	733
2017	Soil	25052	WHI17000854	UTM83-9	524217.8558	6860783.6180	0.0007	0.7	0.255	18.9
2017	Soil	25053	WHI17000854	UTM83-9	524107.4704	6860800.4390	0.0031	3.1	0.188	16.4
2017	Soil	25054	WHI17000854	UTM83-9	524002.4434	6860797.1830	0.0036	3.6	0.137	50.5
2017	Soil	25055	WHI17000854	UTM83-9	523891.9249	6860780.9050	0.0034	3.4	0.16	112.8
2017	Soil	25056	WHI17000854	UTM83-9	523809.6783	6860801.4660	0.0298	29.8	0.175	246.8
2017	Soil	25057	WHI17000854	UTM83-9	523701.7356	6860805.2100	0.0008	0.8	0.187	1.3
2017	Soil	25058	WHI17000854	UTM83-9	523620.2205	6860814.0070	0.0046	4.6	0.072	305.7
2017	Soil	25059	WHI17000854	UTM83-9	523517.7659	6860808.4940	0.003	3	0.027	29.3
2017	Soil	25060	WHI17000854	UTM83-9	523420.8908	6860796.3850	0.0004	0.4	0.066	11.8
2017	Soil	25061	WHI17000854	UTM83-9	523311.9064	6860809.7050	0.0033	3.3	0.165	46.2
2017	Soil	25062	WHI17000854	UTM83-9	523227.7462	6860785.4870	0.0041	4.1	0.061	68.8

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	25063	WHI17000854	UTM83-9	523121.8695	6860780.6230	0.002	2	0.217	90.5
2017	Soil	25064	WHI17000854	UTM83-9	523012.6279	6860808.7870	0.0025	2.5	1.175	37.9
2017	Soil	25065	WHI17000854	UTM83-9	522905.9467	6860793.4250	0.003	3	0.189	59.7
2017	Soil	25066	WHI17000854	UTM83-9	523498.6722	6861200.6440	0.0177	17.7	0.114	103.2
2017	Soil	25067	WHI17000854	UTM83-9	523415.1683	6861195.3290	0.0076	7.6	0.094	51.9
2017	Soil	25068	WHI17000854	UTM83-9	523315.7033	6861203.2990	0.0007	0.7	0.138	29
2017	Soil	25069	WHI17000854	UTM83-9	523211.6145	6861197.3170	0.001	1	0.107	37.5
2017	Soil	25070	WHI17000854	UTM83-9	523107.5256	6861167.4060	0.001	1	0.017	14.9
2017	Soil	25071	WHI17000854	UTM83-9	523007.0261	6861186.5490	0.0001	0.1	0.095	6.6
2017	Soil	25072	WHI17000854	UTM83-9	522911.3122	6861206.8880	0.0016	1.6	0.043	38.8
2017	Soil	25073	WHI17000854	UTM83-9	522825.2475	6861193.6460	0.0003	0.3	0.122	9.7
2017	Soil	25118	WHI17000857	UTM83-9	523912.5313	6862991.8150	0.003	3	0.084	10.4
2017	Soil	25119	WHI17000857	UTM83-9	523807.7853	6862985.1540	0.0026	2.6	0.063	16.5
2017	Soil	25120	WHI17000857	UTM83-9	523802.7597	6863192.1090	0.0026	2.6	0.063	17
2017	Soil	25121	WHI17000856	UTM83-9	523904.9117	6863197.6980	0.0001	0.1	0.134	22
2017	Soil	25122	WHI17000856	UTM83-9	524015.4947	6863010.5530	0.001	1	0.062	10.2
2017	Soil	25123	WHI17000856	UTM83-9	524100.0616	6863005.9770	0.0025	2.5	0.071	13.1
2017	Soil	25124	WHI17000856	UTM83-9	524206.0822	6862978.8020	0.0016	1.6	0.034	14.9
2017	Soil	25125	WHI17000856	UTM83-9	524307.3244	6862992.6080	0.003	3	0.088	18
2017	Soil	25126	WHI17000856	UTM83-9	524320.0338	6862801.1140	0.001	1	0.016	8.9
2017	Soil	25127	WHI17000856	UTM83-9	524213.3223	6862784.9040	0.0013	1.3	0.031	6.8
2017	Soil	25128	WHI17000856	UTM83-9	524104.5843	6862782.8780	0.0009	0.9	0.095	10.9
2017	Soil	25129	WHI17000856	UTM83-9	524408.5612	6862793.3350	0.0014	1.4	0.042	6.5
2017	Soil	25130	WHI17000856	UTM83-9	524505.4525	6862790.6810	0.0013	1.3	0.064	17.1
2017	Soil	25131	WHI17000856	UTM83-9	524604.5648	6862792.1640	0.0006	0.6	0.079	11
2017	Soil	26011	WHI17000830	UTM83-9	527201.6818	6859180.5860	0.0005	0.5	0.106	11.1
2017	Soil	26012	WHI17000830	UTM83-9	527117.0693	6859202.3890	0.0003	0.3	0.205	9.7
2017	Soil	26013	WHI17000830	UTM83-9	526998.0152	6859196.0670	0.0023	2.3	0.134	14.1
2017	Soil	26014	WHI17000830	UTM83-9	526920.0506	6859201.3350	0.0009	0.9	0.102	12.9
2017	Soil	26015	WHI17000830	UTM83-9	526802.0497	6859198.1750	0.0006	0.6	0.072	9.1
2017	Soil	26016	WHI17000830	UTM83-9	526704.0670	6859206.6030	0.0006	0.6	0.089	7.9
2017	Soil	26017	WHI17000830	UTM83-9	526606.0843	6859184.4780	0.0001	0.1	0.053	4.6
2017	Soil	26018	WHI17000830	UTM83-9	526491.2446	6859195.0140	0.0001	0.1	0.111	10.5
2017	Soil	26019	WHI17000831	UTM83-9	526422.7619	6859196.0670	0.0044	4.4	0.131	19.1
2017	Soil	26020	WHI17000831	UTM83-9	526316.3510	6859210.8170	0.0053	5.3	0.073	31.1
2017	Soil	26021	WHI17000831	UTM83-9	526212.0464	6859189.7460	0.0016	1.6	0.219	5.1
2017	Soil	26022	WHI17000831	UTM83-9	526111.9568	6859200.2820	0.0041	4.1	0.152	12.8
2017	Soil	26023	WHI17000831	UTM83-9	526008.7064	6859159.1920	0.0413	41.3	0.078	109.4
2017	Soil	26024	WHI17000831	UTM83-9	525904.4019	6859204.4960	0.0027	2.7	0.13	10
2017	Soil	26025	WHI17000831	UTM83-9	525813.7947	6859178.1570	0.0211	21.1	0.062	65
2017	Soil	26026	WHI17000831	UTM83-9	525709.4902	6859185.5320	0.0013	1.3	0.029	3.2
2017	Soil	26027	WHI17000831	UTM83-9	525617.8292	6859197.1210	0.0005	0.5	0.048	12.1
2017	Soil	26028	WHI17000831	UTM83-9	525523.0000	6859207.0000	0.0013	1.3	0.14	82.6
2017	Soil	26030	WHI17000831	UTM83-9	525299.6485	6859212.9250	0.0028	2.8	0.143	48.5
2017	Soil	26031	WHI17000831	UTM83-9	525203.7732	6859193.9600	0.0019	1.9	0.052	246.1
2017	Soil	26032	WHI17000831	UTM83-9	525008.8615	6859215.0320	0.0018	1.8	0.41	38
2017	Soil	26033	WHI17000831	UTM83-9	524925.5553	6859210.4670	0.001	1	0.474	22.8
2017	Soil	26034	WHI17000831	UTM83-9	524828.9764	6859168.8840	0.0019	1.9	0.046	23.5
2017	Soil	26035	WHI17000831	UTM83-9	524732.0000	6859193.0000	0.0027	2.7	0.106	27.3

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2017	Soil	26036	WHI17000831	UTM83-9	524622.4048	6859187.6640	0.0052	5.2	0.03	31.5
2017	Soil	26037	WHI17000831	UTM83-9	524512.4121	6859194.3710	0.0012	1.2	0.05	29.6
2017	Soil	26038	WHI17000831	UTM83-9	524422.0000	6859194.0000	0.0027	2.7	0.047	30.6
2017	Soil	26039	WHI17000831	UTM83-9	524311.2059	6859202.4190	0.0015	1.5	0.061	37.8
2017	Soil	26040	WHI17000831	UTM83-9	526107.6918	6861585.7850	0.0009	0.9	0.053	46.2
2017	Soil	26041	WHI17000831	UTM83-9	525994.1592	6861579.7300	0.0006	0.6	0.072	4.7
2017	Soil	26042	WHI17000831	UTM83-9	525901.8192	6861587.2990	0.0022	2.2	0.291	19.5
2017	Soil	26043	WHI17000831	UTM83-9	525810.9927	6861582.7580	0.0001	0.1	0.067	8.8
2017	Soil	26044	WHI17000831	UTM83-9	525709.5701	6861579.7300	0.0061	6.1	0.094	43.5
2017	Soil	26045	WHI17000831	UTM83-9	525603.6061	6861572.1610	0.0013	1.3	0.1	8.6
2017	Soil	26046	WHI17000831	UTM83-9	525499.1560	6861591.8400	0.0006	0.6	0.029	15
2017	Soil	26047	WHI17000831	UTM83-9	525417.4125	6861578.2160	0.0028	2.8	0.009	23.9
2017	Soil	26048	WHI17000831	UTM83-9	525300.8524	6861584.2710	0.0001	0.1	0.112	8.8
2017	Soil	26049	WHI17000831	UTM83-9	525199.4296	6861582.7580	0.0001	0.1	0.039	7.4
2017	Soil	26050	WHI17000831	UTM83-9	525096.4930	6861594.8680	0.0011	1.1	0.052	10.2
2017	Soil	26102	WHI17000855	UTM83-9	525016.2634	6861594.8680	0.001	1	0.033	5.1
2017	Soil	26103	WHI17000855	UTM83-9	524904.2442	6861603.9500	0.0005	0.5	0.052	10.2
2017	Soil	26104	WHI17000855	UTM83-9	524811.9042	6861600.9230	0.0312	31.2	0.031	10.3
2017	Soil	26105	WHI17000855	UTM83-9	524698.3716	6861608.4920	0.0001	0.1	0.032	4.6
2017	Soil	26106	WHI17000855	UTM83-9	524604.5179	6861567.6200	0.0018	1.8	0.086	8
2017	Soil	26107	WHI17000855	UTM83-9	524510.6641	6861581.2440	0.0014	1.4	0.059	7.9
2017	Soil	26108	WHI17000855	UTM83-9	524392.5899	6861564.5920	0.0001	0.1	0.048	3.7
2017	Soil	26109	WHI17000855	UTM83-9	524321.4428	6861591.8400	0.0005	0.5	0.026	9.6
2017	Soil	26110	WHI17000855	UTM83-9	524221.5340	6861584.2710	0.0043	4.3	0.047	31.8
2017	Soil	26111	WHI17000855	UTM83-9	524126.4230	6861604.3240	0.0048	4.8	0.122	185.1
2017	Soil	26112	WHI17000855	UTM83-9	524014.8081	6861624.8040	0.0088	8.8	0.138	170.3
2017	Soil	26113	WHI17000855	UTM83-9	523911.3852	6861602.2760	0.0211	21.1	0.125	216.5
2017	Soil	26114	WHI17000855	UTM83-9	523805.9145	6861597.1560	0.0105	10.5	0.112	68.8
2017	Soil	26115	WHI17000855	UTM83-9	523717.8513	6861598.1800	0.003	3	0.07	42.9
2017	Soil	26151	WHI17000856	UTM83-9	522206.4619	6861795.4880	0.0057	5.7	0.241	152.4
2017	Soil	AA052321	WHI17000719	UTM83-9	521336.2310	6865275.6540	0.0004	0.4	0.112	6.3
2017	Soil	AA052322	WHI17000719	UTM83-9	521245.4480	6865285.9310	0.0028	2.8	0.123	37.4
2017	Soil	AA052323	WHI17000719	UTM83-9	521122.1210	6865288.5010	0.004	4	0.095	31.4
2017	Soil	AA052324	WHI17000719	UTM83-9	521030.4820	6865281.6490	0.003	3	0.041	35.3
2017	Soil	AA052468	WHI17000830	UTM83-9	526708.9981	6860200.9240	0.0016	1.6	0.107	6.2
2017	Soil	AA052469	WHI17000830	UTM83-9	526604.1533	6860186.2870	0.0014	1.4	0.142	9.3
2017	Soil	AA052470	WHI17000830	UTM83-9	526514.9033	6860198.0070	0.0001	0.1	0.108	4.4
2017	Soil	AA052471	WHI17000830	UTM83-9	526401.3123	6860196.2040	0.0001	0.1	0.068	13.8
2017	Soil	AA052472	WHI17000830	UTM83-9	526321.0370	6860199.9910	0.0001	0.1	0.052	6.3
2017	Soil	AA052473	WHI17000830	UTM83-9	526216.0859	6860207.0000	0.0005	0.5	0.048	11.6
2017	Soil	AA052474	WHI17000830	UTM83-9	526100.9876	6860202.4040	0.0001	0.1	0.029	5
2017	Soil	AA052475	WHI17000830	UTM83-9	526012.7877	6860195.3260	0.0012	1.2	0.021	43.8
2017	Soil	AA052476	WHI17000830	UTM83-9	525900.1901	6860185.5260	0.001	1	0.135	11.1
2017	Soil	AA052477	WHI17000830	UTM83-9	525798.4956	6860195.7540	0.0041	4.1	0.063	12.2
2017	Soil	AA052478	WHI17000830	UTM83-9	525711.0000	6860193.0000	0.0011	1.1	0.062	8.8
2017	Soil	AA052479	WHI17000830	UTM83-9	525616.5165	6860191.6950	0.0015	1.5	0.11	8.1
2017	Soil	AA052480	WHI17000830	UTM83-9	525518.1859	6860180.5310	0.0012	1.2	0.071	15.5
2017	Soil	AA052482	WHI17000831	UTM83-9	525311.8809	6860189.4810	0.0091	9.1	0.048	13.2
2017	Soil	AA052483	WHI17000831	UTM83-9	525217.6793	6860194.6650	0.0029	2.9	0.049	16.5

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2017	Soil	AA052484	WHI17000831	UTM83-9	525114.7102	6860202.7940	0.0153	15.3	0.142	14.8
2017	Soil	AA052485	WHI17000831	UTM83-9	525007.4853	6860197.1870	0.0043	4.3	0.088	68.6
2017	Soil	AA052486	WHI17000831	UTM83-9	524915.2500	6860178.2230	0.0044	4.4	0.093	73.9
2017	Soil	AA052488	WHI17000831	UTM83-9	524706.9645	6860193.1760	0.005	5	0.078	30.5
2017	Soil	AA052489	WHI17000831	UTM83-9	524606.2783	6860205.1630	0.0052	5.2	0.026	54.5
2017	Soil	AA052490	WHI17000831	UTM83-9	524504.9925	6860201.5670	0.0015	1.5	0.193	60.3
2017	Soil	AA052491	WHI17000831	UTM83-9	524407.4246	6860181.8910	0.0017	1.7	0.03	41.6
2017	Soil	AA052492	WHI17000831	UTM83-9	524306.5207	6860201.3840	0.007	7	0.206	80.8
2017	Soil	AA052493	WHI17000831	UTM83-9	524214.9114	6860201.8930	0.0078	7.8	0.22	47.2
2017	Soil	AA052497	WHI17000831	UTM83-9	523823.9500	6860207.5660	0.0019	1.9	0.108	3.8
2017	Soil	AA052829	WHI17000718	UTM83-9	521340.8770	6865090.5380	0.0046	4.6	0.104	55.8
2017	Soil	AA052830	WHI17000718	UTM83-9	521241.5970	6865098.7590	0.1209	120.9	0.234	452.3
2017	Soil	AA052831	WHI17000718	UTM83-9	521115.7590	6865091.8030	0.0149	14.9	0.082	81.1
2017	Soil	AA052832	WHI17000718	UTM83-9	521032.9210	6865085.4800	0.0068	6.8	0.103	48.8
2017	Soil	AA052855	WHI17000718	UTM83-9	521926.4530	6864694.4610	0.002	2	0.032	50.3
2017	Soil	AA052856	WHI17000718	UTM83-9	521844.7580	6864688.0950	0.0177	17.7	0.099	106.4
2017	Soil	AA052857	WHI17000718	UTM83-9	521739.8910	6864683.3030	0.0096	9.6	0.1	34.3
2017	Soil	AA052858	WHI17000718	UTM83-9	521629.8610	6864690.8910	0.0064	6.4	0.065	32.6
2017	Soil	AA052859	WHI17000718	UTM83-9	521530.5820	6864690.8910	0.0052	5.2	0.048	114.5
2017	Soil	AA052860	WHI17000718	UTM83-9	521434.4650	6864686.4650	0.0085	8.5	0.065	214.1
2017	Soil	AA052861	WHI17000816	UTM83-9	521347.2000	6864688.9940	0.0056	5.6	0.039	58.5
2017	Soil	AA052862	WHI17000816	UTM83-9	521234.6410	6864673.8180	0.0041	4.1	0.094	55.6
2017	Soil	AA052863	WHI17000816	UTM83-9	521127.7740	6864694.0530	0.0059	5.9	0.064	40.7
2017	Soil	AA052864	WHI17000816	UTM83-9	521012.0530	6864686.4650	0.0012	1.2	0.057	18
2017	Soil	AA057856	WHI17000719	UTM83-9	521527.7200	6864875.2950	0.0082	8.2	0.103	88.2
2017	Soil	AA057857	WHI17000719	UTM83-9	521433.2000	6864889.4500	0.0028	2.8	0.046	38.9
2017	Soil	AA057858	WHI17000719	UTM83-9	521328.6080	6864896.6210	0.0036	3.6	0.115	114.1
2017	Soil	AA057859	WHI17000719	UTM83-9	521235.2740	6864888.1850	0.001	1	0.023	20.3
2017	Soil	AA057860	WHI17000719	UTM83-9	521141.6850	6864880.5970	0.0022	2.2	0.097	38.8
2017	Soil	AA057861	WHI17000719	UTM83-9	521039.8770	6864897.0380	0.0116	11.6	0.043	64.5
2017	Soil	AA074721	WHI17000719	UTM83-9	522625.3380	6864287.0350	0.0091	9.1	0.076	39.2
2017	Soil	AA074722	WHI17000719	UTM83-9	522544.8770	6864289.9800	0.0343	34.3	0.108	129.2
2017	Soil	AA074723	WHI17000719	UTM83-9	522440.5380	6864307.6850	0.0001	0.1	0.046	14.2
2017	Soil	AA074724	WHI17000719	UTM83-9	522333.0380	6864302.6270	0.0076	7.6	0.101	82.7
2017	Soil	AA074725	WHI17000719	UTM83-9	522236.9210	6864308.9500	0.0061	6.1	0.096	46.8
2017	Soil	AA074726	WHI17000719	UTM83-9	522126.8910	6864263.4210	0.0083	8.3	0.16	33.3
2017	Soil	AA074727	WHI17000719	UTM83-9	522037.0970	6864269.7440	0.011	11	0.068	95
2017	Soil	AA074728	WHI17000719	UTM83-9	521943.5090	6864301.3620	0.0494	49.4	0.035	209.7
2017	Soil	AA074729	WHI17000719	UTM83-9	521834.7440	6864276.0680	0.0054	5.4	0.068	55
2017	Soil	AA074730	WHI17000719	UTM83-9	521736.7290	6864284.2880	0.0197	19.7	0.16	69.5
2017	Soil	AA074731	WHI17000719	UTM83-9	521617.8470	6864297.5680	0.0012	1.2	0.07	37
2017	Soil	AA074732	WHI17000719	UTM83-9	521521.7290	6864279.2300	0.0408	40.8	0.087	834.3
2017	Soil	AA074733	WHI17000719	UTM83-9	521435.0970	6864288.0820	0.0267	26.7	0.065	303.8
2017	Soil	AA074734	WHI17000719	UTM83-9	521326.3320	6864288.0820	0.0039	3.9	0.067	149.6
2017	Soil	AA074735	WHI17000719	UTM83-9	521217.5680	6864301.3620	0.0253	25.3	0.015	66.6
2017	Soil	AA074736	WHI17000719	UTM83-9	521130.9350	6864294.4060	0.0015	1.5	0.038	43.1
2017	Soil	AA074737	WHI17000719	UTM83-9	521031.0240	6864288.0820	0.0083	8.3	0.117	325.5
2017	Soil	AA074890	WHI17000818	UTM83-9	527305.1820	6859019.2350	0.0006	0.6	0.167	3.8
2017	Soil	AA074891	WHI17000818	UTM83-9	527205.3130	6858989.6440	0.0009	0.9	0.165	9.4

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2017	Soil	AA074892	WHI17000818	UTM83-9	527116.5400	6858989.6440	0.0016	1.6	0.098	9.1
2017	Soil	AA074893	WHI17000818	UTM83-9	527012.4430	6858993.8710	0.001	1	0.116	10
2017	Soil	AA074894	WHI17000818	UTM83-9	526895.6650	6858984.8880	0.0002	0.2	0.105	7.3
2017	Soil	AA074895	WHI17000818	UTM83-9	526808.4770	6858984.3600	0.0001	0.1	0.053	3.3
2017	Soil	AA074896	WHI17000818	UTM83-9	526707.0000	6858985.0000	0.0003	0.3	0.094	10.7
2017	Soil	AA074897	WHI17000818	UTM83-9	526596.5850	6859002.8540	0.0001	0.1	0.041	6.6
2017	Soil	AA074898	WHI17000818	UTM83-9	526498.8300	6859002.8540	0.0001	0.1	0.094	6.9
2017	Soil	AA074899	WHI17000818	UTM83-9	526408.4720	6858997.0420	0.0001	0.1	0.024	3.6
2017	Soil	AA074900	WHI17000818	UTM83-9	526304.3750	6858998.6270	0.0001	0.1	0.055	7.4
2017	Soil	AA074902	WHI17000818	UTM83-9	526210.8470	6858993.3430	0.0001	0.1	0.097	4.1
2017	Soil	AA074903	WHI17000818	UTM83-9	526123.1310	6859008.1380	0.0002	0.2	0.067	2.1
2017	Soil	AA074904	WHI17000818	UTM83-9	526009.5230	6859018.1780	0.0036	3.6	0.069	15.2
2017	Soil	AA074905	WHI17000818	UTM83-9	525909.1250	6858998.6270	0.0042	4.2	0.095	16.8
2017	Soil	AA074906	WHI17000818	UTM83-9	525821.4090	6859007.6100	0.0017	1.7	0.055	40.6
2017	Soil	AA074907	WHI17000818	UTM83-9	525710.4430	6859005.4960	0.0037	3.7	0.105	128.8
2017	Soil	AA074908	WHI17000818	UTM83-9	525620.6140	6859021.3490	0.0008	0.8	0.122	34.5
2017	Soil	AA074909	WHI17000818	UTM83-9	525515.4600	6859008.1380	0.0002	0.2	0.136	21.9
2017	Soil	AA074910	WHI17000818	UTM83-9	525415.0630	6858990.1730	0.0019	1.9	0.202	71.2
2017	Soil	AA074911	WHI17000818	UTM83-9	525304.0970	6859012.8940	0.0003	0.3	0.194	163.6
2017	Soil	AA074912	WHI17000818	UTM83-9	525214.2670	6858980.1330	0.0016	1.6	0.129	24.8
2017	Soil	AA074913	WHI17000818	UTM83-9	525120.7390	6859001.2690	0.0013	1.3	0.052	28.3
2017	Soil	AA074914	WHI17000818	UTM83-9	525035.6650	6858986.4740	0.0014	1.4	0.079	27.3
2017	Soil	AA074915	WHI17000818	UTM83-9	524917.8300	6858974.8490	0.002	2	0.043	24.6
2017	Soil	AA074916	WHI17000818	UTM83-9	524826.9430	6858986.4740	0.0008	0.8	0.099	14
2017	Soil	AA074917	WHI17000818	UTM83-9	524713.8640	6859012.3660	0.0038	3.8	0.085	31.8
2017	Soil	AA074918	WHI17000818	UTM83-9	524612.4090	6859002.3260	0.0074	7.4	0.075	28.8
2017	Soil	AA074919	WHI17000818	UTM83-9	524513.5970	6859004.4400	0.0025	2.5	0.046	33.8
2017	Soil	AA075060	WHI17000717	UTM83-9	521336.4500	6865892.9940	0.0051	5.1	0.119	44.5
2017	Soil	AA075061	WHI17000717	UTM83-9	521235.9060	6865896.7880	0.0071	7.1	0.312	225.1
2017	Soil	AA075062	WHI17000717	UTM83-9	521137.2590	6865887.9350	0.0265	26.5	0.161	51.4
2017	Soil	AA075063	WHI17000717	UTM83-9	521020.9100	6865889.8740	0.0015	1.5	0.026	3.6
2017	Soil	AA075111	WHI17000718	UTM83-9	521328.8620	6865491.4500	0.0034	3.4	0.055	66.2
2017	Soil	AA075112	WHI17000718	UTM83-9	521229.0000	6865505.0000	0.0082	8.2	0.165	43.8
2017	Soil	AA075113	WHI17000718	UTM83-9	521129.0380	6865498.4060	0.0176	17.6	0.151	27.2
2017	Soil	AA075114	WHI17000718	UTM83-9	521027.8620	6865493.9800	0.0034	3.4	0.031	25.8
2017	Soil	AA075135	WHI17000718	UTM83-9	522329.8770	6864491.7000	0.0024	2.4	0.046	57
2017	Soil	AA075136	WHI17000718	UTM83-9	522232.4940	6864492.9650	0.0011	1.1	0.067	9.7
2017	Soil	AA075137	WHI17000718	UTM83-9	522134.4790	6864497.3910	0.0077	7.7	0.063	85.7
2017	Soil	AA075138	WHI17000718	UTM83-9	522028.8770	6864494.2300	0.0011	1.1	0.039	26.9
2017	Soil	AA075139	WHI17000718	UTM83-9	521927.7000	6864497.3910	0.0267	26.7	0.045	319.7
2017	Soil	AA075140	WHI17000718	UTM83-9	521830.3180	6864495.4940	0.0052	5.2	0.042	64.9
2017	Soil	AA075141	WHI17000718	UTM83-9	521730.4060	6864496.7590	0.0166	16.6	0.144	28.8
2017	Soil	AA075142	WHI17000718	UTM83-9	521636.8180	6864494.2300	0.0069	6.9	0.135	25.4
2017	Soil	AA075143	WHI17000718	UTM83-9	521530.5820	6864493.5970	0.0467	46.7	0.084	433.4
2017	Soil	AA075144	WHI17000718	UTM83-9	521431.3030	6864483.4800	0.0042	4.2	0.043	59.9
2017	Soil	AA075145	WHI17000718	UTM83-9	521338.9790	6864484.1120	0.0114	11.4	0.162	241.7
2017	Soil	AA075146	WHI17000718	UTM83-9	521233.3770	6864485.3770	0.0028	2.8	0.062	39.9
2017	Soil	AA075147	WHI17000718	UTM83-9	521127.7740	6864494.8620	0.0026	2.6	0.091	24.7
2017	Soil	AA075148	WHI17000718	UTM83-9	521028.4940	6864494.2300	0.0162	16.2	0.122	149.2

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	AA075409	WHI17000829	UTM83-9	527013.5001	6859594.1440	0.0017	1.7	0.072	16.7
2017	Soil	AA075410	WHI17000829	UTM83-9	526914.1592	6859597.3150	0.0011	1.1	0.07	10.5
2017	Soil	AA075411	WHI17000829	UTM83-9	526806.3637	6859589.9170	0.0015	1.5	0.093	5.9
2017	Soil	AA075412	WHI17000829	UTM83-9	526706.4944	6859595.2010	0.0007	0.7	0.026	4.8
2017	Soil	AA075414	WHI17000829	UTM83-9	526508.3410	6859581.9910	0.0011	1.1	0.097	4.8
2017	Soil	AA075415	WHI17000829	UTM83-9	526404.2444	6859586.2180	0.0019	1.9	0.116	10.9
2017	Soil	AA075416	WHI17000829	UTM83-9	526313.8864	6859587.8030	0.0019	1.9	0.127	10
2017	Soil	AA075417	WHI17000829	UTM83-9	526209.4513	6859599.9930	0.0015	1.5	0.116	6.3
2017	Soil	AA075418	WHI17000829	UTM83-9	526112.5626	6859609.4680	0.0028	2.8	0.145	8.7
2017	Soil	AA075419	WHI17000829	UTM83-9	526013.7501	6859593.0870	0.0013	1.3	0.12	6.1
2017	Soil	AA075420	WHI17000829	UTM83-9	525915.4660	6859578.2920	0.0007	0.7	0.081	7.9
2017	Soil	AA075421	WHI17000829	UTM83-9	525791.8182	6859596.2580	0.0016	1.6	0.118	12
2017	Soil	AA075422	WHI17000829	UTM83-9	525713.6137	6859603.1270	0.0004	0.4	0.037	2.9
2017	Soil	AA075423	WHI17000829	UTM83-9	525616.3864	6859583.0480	0.0046	4.6	0.103	40.9
2017	Soil	AA075424	WHI17000829	UTM83-9	525515.9887	6859593.0870	0.002	2	0.127	170.8
2017	Soil	AA075425	WHI17000829	UTM83-9	525415.5910	6859596.2580	0.0003	0.3	0.018	6.9
2017	Soil	AA075426	WHI17000829	UTM83-9	525310.4376	6859594.6730	0.0055	5.5	0.03	173.9
2017	Soil	AA075427	WHI17000829	UTM83-9	526503.2685	6860804.4910	0.0019	1.9	0.1	11.7
2017	Soil	AA075428	WHI17000829	UTM83-9	526406.3580	6860803.1440	0.0007	0.7	0.026	4.8
2017	Soil	AA075429	WHI17000829	UTM83-9	526306.4887	6860793.1040	0.0018	1.8	0.061	6.1
2017	Soil	AA075430	WHI17000829	UTM83-9	526210.8467	6860788.8770	0.001	1	0.03	8.7
2017	Soil	AA075431	WHI17000829	UTM83-9	526117.8467	6860806.8430	0.0009	0.9	0.045	9.8
2017	Soil	AA075432	WHI17000829	UTM83-9	526019.0342	6860790.4620	0.001	1	0.027	7.9
2017	Soil	AA075433	WHI17000829	UTM83-9	525907.5398	6860786.7630	0.0019	1.9	0.092	13
2017	Soil	AA075434	WHI17000829	UTM83-9	525806.6137	6860792.0480	0.0003	0.3	0.014	1.8
2017	Soil	AA075435	WHI17000829	UTM83-9	525707.2728	6860786.7630	0.0016	1.6	0.073	7.2
2017	Soil	AA075436	WHI17000829	UTM83-9	525610.5739	6860795.2180	0.0009	0.9	0.032	2.2
2017	Soil	AA075437	WHI17000829	UTM83-9	525509.6478	6860793.6330	0.001	1	0.057	7
2017	Soil	AA075438	WHI17000829	UTM83-9	525402.9092	6860796.2750	0.0009	0.9	0.086	4.4
2017	Soil	AA075439	WHI17000829	UTM83-9	525301.9830	6860811.0700	0.002	2	0.098	15.9
2017	Soil	AA075440	WHI17000829	UTM83-9	525216.3807	6860803.6730	0.002	2	0.041	23.9
2017	Soil	AA075441	WHI17000854	UTM83-9	525100.0402	6860811.5980	0.0006	0.6	0.086	9.9
2017	Soil	AA075442	WHI17000854	UTM83-9	525017.1705	6860803.1440	0.0012	1.2	0.065	18.1
2017	Soil	AA075443	WHI17000854	UTM83-9	524888.7671	6860803.6730	0.0001	0.1	0.017	0.05
2017	Soil	AA075444	WHI17000854	UTM83-9	524814.7898	6860799.4450	0.0273	27.3	0.121	65.1
2017	Soil	AA075445	WHI17000854	UTM83-9	524704.8807	6860799.4450	0.0061	6.1	0.127	48.5
2017	Soil	AA075446	WHI17000854	UTM83-9	524604.9206	6860803.9650	0.0065	6.5	0.055	79.2
2017	Soil	AA075447	WHI17000854	UTM83-9	524516.7671	6860806.3150	0.0013	1.3	0.037	45.1
2017	Soil	AA075448	WHI17000854	UTM83-9	524412.1421	6860802.6160	0.0025	2.5	0.061	89
2017	Soil	AA075544	WHI17000718	UTM83-9	521339.7950	6866090.6620	0.0011	1.1	0.197	42.4
2017	Soil	AA075545	WHI17000718	UTM83-9	521232.9080	6866099.0130	0.0024	2.4	0.072	45.8
2017	Soil	AA075546	WHI17000718	UTM83-9	521140.6440	6866089.7870	0.0007	0.7	0.088	8.7
2017	Soil	AA075547	WHI17000718	UTM83-9	521037.9720	6866097.8630	0.0081	8.1	0.063	35.6
2017	Soil	AA075594	WHI17000816	UTM83-9	521239.1620	6865688.5040	0.0075	7.5	0.382	146.9
2017	Soil	AA075595	WHI17000816	UTM83-9	521142.4540	6865717.7410	0.0036	3.6	0.152	90.5
2017	Soil	AA075763	WHI17000830	UTM83-9	526603.9964	6860595.3590	0.001	1	0.026	8.3
2017	Soil	AA075764	WHI17000830	UTM83-9	526493.6941	6860595.3590	0.0013	1.3	0.028	8.3
2017	Soil	AA075765	WHI17000830	UTM83-9	526411.8135	6860574.4720	0.0006	0.6	0.126	3.4
2017	Soil	AA075766	WHI17000830	UTM83-9	526301.6855	6860607.6150	0.0008	0.8	0.017	7

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	AA075767	WHI17000830	UTM83-9	526191.3832	6860623.9560	0.0009	0.9	0.026	7.6
2017	Soil	AA075768	WHI17000830	UTM83-9	526089.2512	6860623.9560	0.0012	1.2	0.115	19.2
2017	Soil	AA075769	WHI17000830	UTM83-9	526005.9421	6860614.9120	0.0011	1.1	0.022	10.3
2017	Soil	AA075770	WHI17000830	UTM83-9	525883.6778	6860600.0420	0.0002	0.2	0.025	9.2
2017	Soil	AA075771	WHI17000830	UTM83-9	525792.4277	6860606.4510	0.0008	0.8	0.105	6
2017	Soil	AA075772	WHI17000830	UTM83-9	525709.4803	6860619.2120	0.001	1	0.034	10
2017	Soil	AA075773	WHI17000830	UTM83-9	525613.7470	6860590.4020	0.0003	0.3	0.02	9.2
2017	Soil	AA075774	WHI17000830	UTM83-9	525521.1778	6860605.4710	0.0006	0.6	0.036	8.4
2017	Soil	AA075775	WHI17000830	UTM83-9	525422.1502	6860581.7910	0.0043	4.3	0.051	9.8
2017	Soil	AA075776	WHI17000830	UTM83-9	525310.2064	6860603.3190	0.0156	15.6	0.022	104
2017	Soil	AA075777	WHI17000830	UTM83-9	525202.5675	6860581.7910	0.0084	8.4	0.085	33.5
2017	Soil	AA075778	WHI17000830	UTM83-9	525118.6096	6860605.4710	0.0025	2.5	0.041	104.2
2017	Soil	AA075779	WHI17000830	UTM83-9	525006.6656	6860588.2490	0.003	3	0.219	64.6
2017	Soil	AA075780	WHI17000830	UTM83-9	524927.0130	6860596.8600	0.003	3	0.316	635.4
2017	Soil	AA075781	WHI17000830	UTM83-9	524821.5273	6860596.8600	0.0042	4.2	0.18	37.9
2017	Soil	AA075782	WHI17000830	UTM83-9	524718.1944	6860599.0130	0.0015	1.5	0.163	108.4
2017	Soil	AA075783	WHI17000830	UTM83-9	524610.5118	6860586.6440	0.0104	10.4	0.056	148.4
2017	Soil	AA075784	WHI17000830	UTM83-9	524519.9262	6860604.9310	0.0392	39.2	0.307	203.2
2017	Soil	AA075785	WHI17000830	UTM83-9	524440.4871	6860596.8600	0.0015	1.5	0.287	348
2017	Soil	AA075786	WHI17000830	UTM83-9	524315.6264	6860594.7080	0.0086	8.6	0.356	269.7
2017	Soil	AA075787	WHI17000830	UTM83-9	524210.1407	6860586.0960	0.0014	1.4	0.414	29.9
2017	Soil	AA075788	WHI17000830	UTM83-9	524119.5364	6860631.0450	0.0009	0.9	0.075	21.2
2017	Soil	AA075789	WHI17000830	UTM83-9	524007.7804	6860622.6930	0.004	4	0.044	43.9
2017	Soil	AA075790	WHI17000830	UTM83-9	523911.7361	6860610.1510	0.0067	6.7	0.072	185.5
2017	Soil	AA075791	WHI17000831	UTM83-9	523781.4090	6860607.3780	0.012	12	0.257	117.8
2017	Soil	AA075792	WHI17000831	UTM83-9	523703.7674	6860621.2430	0.0058	5.8	0.107	97.7
2017	Soil	AA075793	WHI17000831	UTM83-9	523617.8070	6860612.9240	0.0038	3.8	0.042	14
2017	Soil	AA075794	WHI17000831	UTM83-9	523506.8906	6860585.1950	0.1277	127.7	0.185	109.8
2017	Soil	AA075795	WHI17000831	UTM83-9	523426.6739	6860585.4530	0.0056	5.6	0.193	49.4
2017	Soil	AA075796	WHI17000831	UTM83-9	523295.2378	6860604.5320	0.0057	5.7	0.111	63.9
2017	Soil	AA075797	WHI17000831	UTM83-9	523212.5601	6860602.4130	0.0031	3.1	0.074	19.5
2017	Soil	AA075798	WHI17000831	UTM83-9	523115.0428	6860596.0530	0.007	7	0.146	77.5
2017	Soil	AA075799	WHI17000831	UTM83-9	526001.0636	6861981.8800	0.0013	1.3	0.069	18
2017	Soil	AA075800	WHI17000831	UTM83-9	525919.2164	6861970.8970	0.0026	2.6	0.096	18.4
2017	Soil	AA075802	WHI17000831	UTM83-9	525809.4467	6861998.9770	0.002	2	0.053	32.2
2017	Soil	AA075803	WHI17000831	UTM83-9	525699.6769	6862016.8470	0.0016	1.6	0.025	19.7
2017	Soil	AA075804	WHI17000831	UTM83-9	525602.6705	6862006.6360	0.002	2	0.064	13.4
2017	Soil	AA075805	WHI17000831	UTM83-9	525515.8762	6861988.7660	0.003	3	0.081	23.3
2017	Soil	AA075806	WHI17000831	UTM83-9	525408.6587	6861991.3190	0.0019	1.9	0.052	19.2
2017	Soil	AA075807	WHI17000831	UTM83-9	525301.4422	6861993.8720	0.0009	0.9	0.05	6.1
2017	Soil	AA075808	WHI17000831	UTM83-9	525214.6474	6861981.1080	0.0009	0.9	0.059	2.8
2017	Soil	AA075809	WHI17000831	UTM83-9	525112.5360	6862004.0830	0.0008	0.8	0.031	3.3
2017	Soil	AA075810	WHI17000831	UTM83-9	525007.8718	6861993.8720	0.0013	1.3	0.058	13.1
2017	Soil	AA075811	WHI17000831	UTM83-9	524898.1017	6861986.2140	0.0008	0.8	0.046	10.2
2017	Soil	AA075812	WHI17000831	UTM83-9	524803.6489	6861983.6610	0.0015	1.5	0.018	8.4
2017	Soil	AA075813	WHI17000831	UTM83-9	524714.3013	6861988.7660	0.001	1	0.019	8.1
2017	Soil	AA075814	WHI17000831	UTM83-9	524630.0593	6861981.1080	0.0007	0.7	0.051	11.3
2017	Soil	AA075815	WHI17000831	UTM83-9	524522.8423	6861988.7660	0.0011	1.1	0.033	10.9
2017	Soil	AA075816	WHI17000831	UTM83-9	524313.5138	6861988.7660	0.0028	2.8	0.031	17.4

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2017	Soil	AA075817	WHI17000831	UTM83-9	524418.1781	6862006.6360	0.0025	2.5	0.073	23.8
2017	Soil	AA075818	WHI17000831	UTM83-9	524213.9552	6861996.4250	0.001	1	0.051	9.3
2017	Soil	AA075819	WHI17000831	UTM83-9	524119.5020	6862009.1890	0.0008	0.8	0.038	8.6
2017	Soil	AA075820	WHI17000831	UTM83-9	524017.3906	6862011.7410	0.001	1	0.04	15.4
2017	Soil	AA075821	WHI17000831	UTM83-9	523912.7264	6861998.9770	0.0033	3.3	0.033	20.4
2017	Soil	AA075822	WHI17000831	UTM83-9	523785.0872	6861986.2140	0.0029	2.9	0.178	18.2
2017	Soil	AA075823	WHI17000831	UTM83-9	523716.1618	6861993.8720	0.036	36	0.183	96.2
2017	Soil	AA075824	WHI17000831	UTM83-9	523621.7087	6862004.0830	0.0036	3.6	0.08	268.3
2017	Soil	AA075825	WHI17000831	UTM83-9	523483.8584	6861991.3190	0.0074	7.4	0.134	309.9
2017	Soil	AA075826	WHI17000831	UTM83-9	523412.9396	6862001.7190	0.0247	24.7	0.892	414.3
2017	Soil	AA075827	WHI17000831	UTM83-9	523318.6568	6861980.1460	0.0053	5.3	0.111	69.2
2017	Soil	AA075828	WHI17000831	UTM83-9	523213.1532	6861988.7990	0.0082	8.2	0.083	72
2017	Soil	AA075829	WHI17000831	UTM83-9	523122.1861	6862004.8520	0.0496	49.6	0.129	507.8
2017	Soil	AA075831	WHI17000831	UTM83-9	522908.1460	6861996.8250	0.027	27	0.132	297.3
2017	Soil	AA075832	WHI17000831	UTM83-9	522814.5034	6861975.4210	0.0094	9.4	0.024	95.9
2017	Soil	AA075833	WHI17000831	UTM83-9	522720.8608	6861962.0440	0.0264	26.4	0.221	374.6
2017	Soil	AA075834	WHI17000831	UTM83-9	525318.7739	6862398.1510	0.0021	2.1	0.125	29.2
2017	Soil	AA075835	WHI17000831	UTM83-9	525209.0782	6862414.2040	0.0027	2.7	0.047	14.5
2017	Soil	AA075836	WHI17000831	UTM83-9	525091.3560	6862406.1770	0.0018	1.8	0.023	10.3
2017	Soil	AA075837	WHI17000831	UTM83-9	525000.3891	6862374.0710	0.0004	0.4	0.022	11.7
2017	Soil	AA075838	WHI17000831	UTM83-9	524898.7199	6862408.8530	0.0008	0.8	0.048	4.1
2017	Soil	AA075839	WHI17000831	UTM83-9	524807.7528	6862411.5280	0.0008	0.8	0.016	33.7
2017	Soil	AA075840	WHI17000831	UTM83-9	524703.4083	6862406.1770	0.0014	1.4	0.081	12.6
2017	Soil	AA075841	WHI17000831	UTM83-9	524615.1167	6862395.4750	0.001	1	0.035	11.6
2017	Soil	AA075842	WHI17000831	UTM83-9	524516.1231	6862395.4750	0.0006	0.6	0.056	8.1
2017	Soil	AA075843	WHI17000831	UTM83-9	524414.4539	6862398.1510	0.0009	0.9	0.023	11.2
2017	Soil	AA075844	WHI17000831	UTM83-9	524302.0829	6862382.0980	0.0025	2.5	0.105	8.3
2017	Soil	AA075845	WHI17000831	UTM83-9	524216.4667	6862382.0980	0.0009	0.9	0.037	12.5
2017	Soil	AA075846	WHI17000831	UTM83-9	524112.1221	6862414.2040	0.003	3	0.087	20.6
2017	Soil	AA075847	WHI17000831	UTM83-9	524010.4532	6862387.4490	0.005	5	0.079	19.4
2017	Soil	AA075848	WHI17000831	UTM83-9	523922.1616	6862379.4220	0.0023	2.3	0.042	13.2
2017	Soil	AA075849	WHI17000831	UTM83-9	523825.8433	6862395.4750	0.0096	9.6	0.142	32.2
2017	Soil	AA075850	WHI17000831	UTM83-9	523726.8497	6862390.1240	0.0025	2.5	0.119	12
2017	Soil	AA075852	WHI17000831	UTM83-9	523611.8033	6862395.4750	0.0063	6.3	0.021	25.9
2017	Soil	AA075853	WHI17000831	UTM83-9	523520.8362	6862395.4750	0.0088	8.8	0.367	492
2017	Soil	AA075854	WHI17000831	UTM83-9	523427.1935	6862403.5020	0.1559	155.9	0.424	910.3
2017	Soil	AA075855	WHI17000831	UTM83-9	523312.1469	6862376.7470	0.0003	0.3	0.122	11.8
2017	Soil	AA075856	WHI17000831	UTM83-9	523215.8288	6862398.1510	0.0109	10.9	0.13	81.4
2017	Soil	AA075914	WHI17000854	UTM83-9	523120.2686	6862408.5160	0.0125	12.5	0.137	174.3
2017	Soil	AA075915	WHI17000854	UTM83-9	523015.0465	6862375.6340	0.0102	10.2	0.085	47.9
2017	Soil	AA075916	WHI17000854	UTM83-9	522926.2656	6862405.2280	0.0052	5.2	0.079	73.7
2017	Soil	AA075917	WHI17000854	UTM83-9	522814.4672	6862398.6510	0.0035	3.5	0.15	53.7
2017	Soil	AA075918	WHI17000854	UTM83-9	522712.5334	6862385.4980	0.0008	0.8	0.163	20
2017	Soil	AA075919	WHI17000854	UTM83-9	522617.1760	6862401.9390	0.0034	3.4	0.056	43.4
2017	Soil	AA075920	WHI17000854	UTM83-9	522511.9541	6862418.3800	0.0227	22.7	0.16	121.7
2017	Soil	AA075921	WHI17000854	UTM83-9	522413.3086	6862392.0750	0.0813	81.3	0.197	314.5
2017	Soil	AA075922	WHI17000854	UTM83-9	522317.9512	6862382.2100	0.0374	37.4	0.094	174
2017	Soil	AA075923	WHI17000854	UTM83-9	522209.4411	6862388.7870	0.007	7	0.118	177.3
2017	Soil	AA075924	WHI17000854	UTM83-9	522107.5073	6862382.2100	0.0336	33.6	0.062	286

YEAR	TYPE	S_NO.	CERTNO	GCS	EAST	NORTH	AU_PPM	AU_PPB	AG_PPM	AS_PPM
2017	Soil	AA075925	WHI17000854	UTM83-9	522028.5909	6862395.3630	0.0029	2.9	0.222	252.8
2017	Soil	AA075926	WHI17000854	UTM83-9	521913.5044	6862398.6510	0.0041	4.1	0.086	53.3
2017	Soil	AA075927	WHI17000854	UTM83-9	521818.1470	6862418.3800	0.0051	5.1	0.331	71.3
2017	Soil	AA075928	WHI17000854	UTM83-9	521722.7896	6862401.9390	0.0001	0.1	0.341	9.8
2017	Soil	AA075929	WHI17000854	UTM83-9	521614.2794	6862369.0580	0.0001	0.1	0.155	29
2017	Soil	AA075930	WHI17000854	UTM83-9	521518.9221	6862385.4980	0.0006	0.6	0.047	71.1
2017	Soil	AA075931	WHI17000854	UTM83-9	522594.1588	6862020.5100	0.0115	11.5	0.111	180
2017	Soil	AA075932	WHI17000854	UTM83-9	522518.5305	6861971.1870	0.0048	4.8	0.212	58
2017	Soil	AA075933	WHI17000854	UTM83-9	522404.4541	6861988.4750	0.0015	1.5	0.102	60.1
2017	Soil	AA075934	WHI17000854	UTM83-9	522311.7444	6862011.0260	0.0094	9.4	0.196	111.6
2017	Soil	AA075935	WHI17000854	UTM83-9	522204.0004	6862008.5200	0.0064	6.4	0.12	149
2017	Soil	AA075936	WHI17000854	UTM83-9	522113.7963	6862003.5090	0.012	12	0.076	473.1
2017	Soil	AA075937	WHI17000854	UTM83-9	522008.5580	6862006.0140	0.0087	8.7	0.326	375.4
2017	Soil	AA075938	WHI17000854	UTM83-9	521915.8482	6862008.5200	0.0097	9.7	0.204	166.5
2017	Soil	AA075939	WHI17000854	UTM83-9	521813.1157	6861998.4970	0.0052	5.2	0.099	41
2017	Soil	AA076002	WHI17000832	UTM83-9	522619.0350	6864076.7790	0.0011	1.1	0.097	25.4
2017	Soil	AA076003	WHI17000832	UTM83-9	522525.2980	6864079.4710	0.0019	1.9	0.081	27.2
2017	Soil	AA076004	WHI17000832	UTM83-9	522439.6220	6864078.7460	0.0024	2.4	0.112	29.4
2017	Soil	AA076005	WHI17000832	UTM83-9	522335.5680	6864099.6410	0.0153	15.3	0.118	108.6
2017	Soil	AA076006	WHI17000832	UTM83-9	522241.9790	6864097.1120	0.007	7	0.087	62.9
2017	Soil	AA076007	WHI17000832	UTM83-9	522126.2590	6864105.9650	0.0001	0.1	0.061	11.1
2017	Soil	AA076008	WHI17000832	UTM83-9	522033.3030	6864103.4350	0.0147	14.7	0.125	90.8
2017	Soil	AA076009	WHI17000832	UTM83-9	521930.1550	6864102.3030	0.0059	5.9	0.082	45.5
2017	Soil	AA076010	WHI17000832	UTM83-9	521841.1510	6864105.7060	0.0045	4.5	0.067	32.5
2017	Soil	AA076011	WHI17000815	UTM83-9	521728.8550	6864088.1260	0.0097	9.7	0.13	66.9
2017	Soil	AA076012	WHI17000815	UTM83-9	521638.2680	6864109.2430	0.0087	8.7	0.128	56.3
2017	Soil	AA076013	WHI17000815	UTM83-9	521520.7700	6864044.3540	0.0026	2.6	0.05	27.4
2017	Soil	AA076014	WHI17000815	UTM83-9	521427.9020	6864082.0170	0.0091	9.1	0.081	45.6
2017	Soil	AA076015	WHI17000815	UTM83-9	521324.3420	6864066.0520	0.014	14	0.045	31.5
2017	Soil	AA076016	WHI17000815	UTM83-9	521223.9570	6864068.1810	0.0076	7.6	0.056	57.7
2017	Soil	AA076017	WHI17000815	UTM83-9	521134.5660	6864087.9420	0.054	54	0.062	358.7
2017	Soil	AA076018	WHI17000815	UTM83-9	521026.0170	6864092.5900	0.0001	0.1	0.048	11.1
2017	Soil	AA076322	WHI17000830	UTM83-9	525906.4830	6861799.1950	0.0016	1.6	0.092	24.9
2017	Soil	AA076323	WHI17000830	UTM83-9	525809.2557	6861796.0250	0.0013	1.3	0.076	16.6
2017	Soil	AA076324	WHI17000830	UTM83-9	525707.2728	6861793.3830	0.001	1	0.024	32.6
2017	Soil	AA076325	WHI17000830	UTM83-9	525609.5171	6861791.7980	0.0022	2.2	0.065	24.7
2017	Soil	AA076326	WHI17000830	UTM83-9	525505.9489	6861793.3830	0.0008	0.8	0.086	7.8
2017	Soil	AA076327	WHI17000830	UTM83-9	525409.2501	6861796.0250	0.0023	2.3	0.077	29.2
2017	Soil	AA076328	WHI17000830	UTM83-9	525306.2103	6861797.0820	0.0001	0.1	0.021	4.6
2017	Soil	AA076329	WHI17000830	UTM83-9	525205.8126	6861796.5530	0.001	1	0.042	10.5
2017	Soil	AA076330	WHI17000830	UTM83-9	525106.4717	6861792.8540	0.0001	0.1	0.044	4.2
2017	Soil	AA076331	WHI17000830	UTM83-9	525009.2444	6861794.9680	0.001	1	0.054	16.3
2017	Soil	AA076332	WHI17000830	UTM83-9	524906.7330	6861794.4400	0.0001	0.1	0.028	18.6
2017	Soil	AA076333	WHI17000830	UTM83-9	524806.3353	6861795.4960	0.0001	0.1	0.049	5.3
2017	Soil	AA076334	WHI17000830	UTM83-9	524707.5228	6861792.3260	0.0001	0.1	0.052	10.8
2017	Soil	AA076335	WHI17000830	UTM83-9	524609.7671	6861795.4960	0.0013	1.3	0.02	11.6
2017	Soil	AA076336	WHI17000830	UTM83-9	524505.6705	6861794.9680	0.0005	0.5	0.036	10.1
2017	Soil	AA076337	WHI17000830	UTM83-9	524405.8012	6861797.0820	0.0003	0.3	0.043	7.5
2017	Soil	AA076338	WHI17000830	UTM83-9	524306.9887	6861794.4400	0.0025	2.5	0.126	20.8

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2017	Soil	AA076339	WHI17000830	UTM83-9	524204.4773	6861794.9680	0.001	1	0.038	26.4
2017	Soil	AA076340	WHI17000830	UTM83-9	524106.1932	6861794.9680	0.0005	0.5	0.051	23.3
2017	Soil	AA076341	WHI17000830	UTM83-9	524005.7955	6861793.9110	0.0105	10.5	0.087	192.8
2017	Soil	AA076342	WHI17000830	UTM83-9	523904.8694	6861792.8540	0.1152	115.2	0.152	189
2017	Soil	AA076343	WHI17000830	UTM83-9	523806.5853	6861793.3830	0.0211	21.1	0.163	171.2
2017	Soil	AA076344	WHI17000830	UTM83-9	523706.7160	6861790.2120	0.0006	0.6	0.26	74.9
2017	Soil	AA076345	WHI17000830	UTM83-9	523607.9035	6861793.3830	0.0004	0.4	0.053	13
2017	Soil	AA076346	WHI17000830	UTM83-9	523505.9205	6861796.5530	0.0044	4.4	0.084	67
2017	Soil	AA076347	WHI17000830	UTM83-9	523407.6364	6861797.0820	0.0001	0.1	0.076	21
2017	Soil	AA076348	WHI17000830	UTM83-9	523307.2387	6861791.7980	0.0202	20.2	0.688	259.1
2017	Soil	AA076349	WHI17000830	UTM83-9	523206.3126	6861796.5530	0.0004	0.4	0.24	21.6
2017	Soil	AA076350	WHI17000830	UTM83-9	523108.5569	6861794.4400	0.0033	3.3	0.13	94.9
2017	Soil	AA076374	WHI17000854	UTM83-9	523409.3313	6862195.1200	0.0027	2.7	0.114	42.9
2017	Soil	AA076375	WHI17000854	UTM83-9	523306.7761	6862196.3710	0.0021	2.1	0.194	17.2
2017	Soil	AA076376	WHI17000854	UTM83-9	523204.2211	6862196.9960	0.0008	0.8	0.134	8.5
2017	Soil	AA076377	WHI17000854	UTM83-9	523109.1699	6862194.4950	0.0054	5.4	0.109	46.7
2017	Soil	AA076378	WHI17000854	UTM83-9	523007.8655	6862196.3710	0.007	7	0.058	53.1
2017	Soil	AA076379	WHI17000854	UTM83-9	522905.9356	6862195.7460	0.0011	1.1	0.263	35.5
2017	Soil	AA076380	WHI17000854	UTM83-9	522807.0000	6862194.0000	0.0038	3.8	0.075	91.3
2017	Soil	AA076381	WHI17000854	UTM83-9	522707.0787	6862195.1200	0.0003	0.3	0.109	13.8
2017	Soil	AA076382	WHI17000854	UTM83-9	522606.3996	6862195.1200	0.6206	620.6	0.149	86.7
2017	Soil	AA076383	WHI17000854	UTM83-9	522504.4697	6862194.4950	0.0001	0.1	0.287	3.9
2017	Soil	AA076384	WHI17000854	UTM83-9	522405.6666	6862194.4950	0.0187	18.7	0.189	65.6
2017	Soil	AA076385	WHI17000854	UTM83-9	522306.2381	6862195.7460	0.0114	11.4	0.105	205.4
2017	Soil	AA076386	WHI17000854	UTM83-9	522206.1843	6862195.1200	0.0014	1.4	0.154	137.3
2017	Soil	AA076387	WHI17000854	UTM83-9	522106.7558	6862194.4950	0.0063	6.3	0.115	602.9
2017	Soil	AA076388	WHI17000854	UTM83-9	522006.0767	6862191.9940	0.0023	2.3	0.095	190.2
2017	Soil	AA076389	WHI17000854	UTM83-9	521904.7722	6862194.4950	0.0026	2.6	0.111	87.7
2017	Soil	AA076390	WHI17000854	UTM83-9	521809.7211	6862194.4950	0.0007	0.7	0.162	31.6
2017	Soil	AA076391	WHI17000855	UTM83-9	521705.9153	6862195.1200	0.0016	1.6	0.147	42
2017	Soil	AA076392	WHI17000855	UTM83-9	521597.1068	6862195.1200	0.0018	1.8	0.368	142
2017	Soil	AA076393	WHI17000855	UTM83-9	523006.7734	6861793.1900	0.0003	0.3	0.138	25.6
2017	Soil	AA076394	WHI17000855	UTM83-9	522907.0000	6861795.0000	0.0125	12.5	0.131	81
2017	Soil	AA076396	WHI17000855	UTM83-9	522707.3267	6861795.4880	0.0063	6.3	0.09	199.6
2017	Soil	AA076397	WHI17000855	UTM83-9	522605.4689	6861793.1900	0.0052	5.2	0.209	58.9
2017	Soil	AA076398	WHI17000855	UTM83-9	522503.6110	6861796.2540	0.0086	8.6	0.045	71.3
2017	Soil	AA076399	WHI17000855	UTM83-9	522407.1142	6861793.9560	0.0034	3.4	0.17	78.7
2017	Soil	AA076400	WHI17000855	UTM83-9	522305.2564	6861795.4880	0.0048	4.8	0.076	152.9
2017	Soil	AA076402	WHI17000831	UTM83-9	525604.7614	6862195.5020	0.0001	0.1	0.068	26.6
2017	Soil	AA076403	WHI17000831	UTM83-9	525508.0626	6862194.4450	0.0001	0.1	0.086	11.8
2017	Soil	AA076404	WHI17000831	UTM83-9	525407.6648	6862193.3880	0.0039	3.9	0.109	23.4
2017	Soil	AA076405	WHI17000831	UTM83-9	525308.8523	6862194.4450	0.0008	0.8	0.069	13.1
2017	Soil	AA076406	WHI17000831	UTM83-9	525208.9830	6862197.0870	0.0007	0.7	0.034	9.5
2017	Soil	AA076407	WHI17000831	UTM83-9	525108.5853	6862195.5020	0.0013	1.3	0.034	19.1
2017	Soil	AA076408	WHI17000831	UTM83-9	525008.7160	6862194.9740	0.0008	0.8	0.018	15.1
2017	Soil	AA076409	WHI17000831	UTM83-9	524908.3182	6862192.8600	0.0015	1.5	0.01	11
2017	Soil	AA076410	WHI17000831	UTM83-9	524806.3353	6862193.9170	0.0024	2.4	0.013	23.8
2017	Soil	AA076411	WHI17000831	UTM83-9	524709.6364	6862194.4450	0.0017	1.7	0.06	27.3
2017	Soil	AA076412	WHI17000831	UTM83-9	524606.0682	6862192.8600	0.0009	0.9	0.039	18.4

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2017	Soil	AA076413	WHI17000831	UTM83-9	524506.1989	6862194.9740	0.0017	1.7	0.097	12
2017	Soil	AA076414	WHI17000831	UTM83-9	524405.8012	6862193.9170	0.0005	0.5	0.038	11
2017	Soil	AA076415	WHI17000831	UTM83-9	524308.3348	6862193.3920	0.0001	0.1	0.05	3.9
2017	Soil	AA076416	WHI17000831	UTM83-9	524207.1194	6862193.9170	0.0018	1.8	0.033	13.2
2017	Soil	AA076417	WHI17000831	UTM83-9	524108.3069	6862194.9740	0.0028	2.8	0.021	8.1
2017	Soil	AA076418	WHI17000831	UTM83-9	524006.3239	6862194.4450	0.002	2	0.022	4.3
2017	Soil	AA076419	WHI17000831	UTM83-9	523906.4546	6862197.0870	0.0011	1.1	0.165	6.8
2017	Soil	AA076420	WHI17000831	UTM83-9	523806.5853	6862196.5590	0.001	1	0.11	8
2017	Soil	AA076421	WHI17000831	UTM83-9	523707.7728	6862192.8600	0.0022	2.2	0.121	11.7
2017	Soil	AA076422	WHI17000831	UTM83-9	523605.7898	6862194.4450	0.0055	5.5	0.35	110
2017	Soil	AA076423	WHI17000831	UTM83-9	523507.5057	6862196.0310	0.0017	1.7	0.124	23.5
2017	Soil	AA076463	WHI17000854	UTM83-9	526703.7079	6860393.4240	0.0009	0.9	0.016	3.2
2017	Soil	AA076464	WHI17000854	UTM83-9	526607.1375	6860395.6870	0.0021	2.1	0.193	9.5
2017	Soil	AA076465	WHI17000854	UTM83-9	526510.5671	6860392.6700	0.0001	0.1	0.034	1.4
2017	Soil	AA076466	WHI17000854	UTM83-9	526403.4342	6860396.4420	0.0012	1.2	0.127	7.9
2017	Soil	AA076467	WHI17000854	UTM83-9	526311.3904	6860397.1960	0.0011	1.1	0.051	9.4
2017	Soil	AA076468	WHI17000854	UTM83-9	526208.7846	6860392.6700	0.0013	1.3	0.077	10.8
2017	Soil	AA076469	WHI17000854	UTM83-9	526105.4239	6860392.6700	0.0009	0.9	0.07	39.6
2017	Soil	AA076470	WHI17000854	UTM83-9	526004.3269	6860398.7050	0.0025	2.5	0.092	15.6
2017	Soil	AA076471	WHI17000854	UTM83-9	525907.7561	6860393.4240	0.0006	0.6	0.03	1.9
2017	Soil	AA076472	WHI17000854	UTM83-9	525810.4313	6860388.1430	0.0003	0.3	0.057	5.5
2017	Soil	AA076473	WHI17000854	UTM83-9	525707.8255	6860395.6870	0.0026	2.6	0.099	14.5
2017	Soil	AA076474	WHI17000854	UTM83-9	525606.7280	6860395.6870	0.0007	0.7	0.059	8
2017	Soil	AA076475	WHI17000854	UTM83-9	525505.7250	6860397.6490	0.0028	2.8	0.139	9.5
2017	Soil	AA076476	WHI17000854	UTM83-9	525406.9904	6860395.6940	0.0039	3.9	0.019	33.5
2017	Soil	AA076477	WHI17000854	UTM83-9	525308.2553	6860392.7610	0.0032	3.2	0.015	12.3
2017	Soil	AA076478	WHI17000854	UTM83-9	525204.6332	6860396.6720	0.0013	1.3	0.061	8.3
2017	Soil	AA076479	WHI17000854	UTM83-9	525107.0001	6860394.1560	0.0048	4.8	0.097	89.3
2017	Soil	AA076480	WHI17000854	UTM83-9	525005.5455	6860392.0420	0.0029	2.9	0.039	62.8
2017	Soil	AA076481	WHI17000855	UTM83-9	524912.5455	6860392.5700	0.0043	4.3	0.052	38.4
2017	Soil	AA076482	WHI17000855	UTM83-9	524803.6932	6860392.0420	0.0041	4.1	0.028	27
2017	Soil	AA076483	WHI17000855	UTM83-9	524706.9944	6860435.3710	0.0036	3.6	0.042	86.1
2017	Soil	AA076484	WHI17000855	UTM83-9	524607.1251	6860395.2120	0.0022	2.2	0.205	39.8
2017	Soil	AA076485	WHI17000855	UTM83-9	524501.1847	6860397.3650	0.0052	5.2	2.203	87.3
2017	Soil	AA076486	WHI17000855	UTM83-9	524406.1647	6860390.5780	0.0076	7.6	0.187	371.8
2017	Soil	AA076487	WHI17000855	UTM83-9	524309.2940	6860398.6000	0.0022	2.2	0.448	64.2
2017	Soil	AA076488	WHI17000855	UTM83-9	524207.1194	6860392.0420	0.0007	0.7	0.065	24
2017	Soil	AA076489	WHI17000855	UTM83-9	524105.6648	6860396.7980	0.0032	3.2	0.209	32.3
2017	Soil	AA076490	WHI17000855	UTM83-9	524009.4944	6860391.5130	0.0026	2.6	0.152	26.8
2017	Soil	AA076491	WHI17000855	UTM83-9	523903.8126	6860394.1560	0.0038	3.8	0.202	20.1
2017	Soil	AA076492	WHI17000855	UTM83-9	523804.0000	6860392.0000	0.0048	4.8	0.192	25.3
2017	Soil	AA076493	WHI17000855	UTM83-9	523711.0000	6860394.0000	0.0007	0.7	0.2	23.1
2017	Soil	AA076494	WHI17000855	UTM83-9	523607.3751	6860394.6840	0.0015	1.5	0.453	89.8
2017	Soil	AA076495	WHI17000855	UTM83-9	523505.3921	6860393.6270	0.0025	2.5	0.039	38.3
2017	Soil	AA076496	WHI17000855	UTM83-9	523405.0483	6860399.4430	0.0003	0.3	0.104	13.4
2017	Soil	AA076497	WHI17000855	UTM83-9	523308.8239	6860396.7980	0.0009	0.9	0.382	12.9
2017	Soil	AA076498	WHI17000855	UTM83-9	526105.1648	6861794.4400	0.002	2	0.148	33.8
2017	Soil	AA076499	WHI17000855	UTM83-9	526004.7671	6861793.9110	0.0018	1.8	0.112	9.4
2017	Soil	AA076500	WHI17000855	UTM83-9	523203.1421	6860393.0990	0.0018	1.8	0.176	18.8

## Appendix 2 Rock Chip Sample Results

YEAR	SAMPLEID	AU_CERTNAM	GCS	EAST	NORTH	ELEV	DATE	AUPPM	AGPPM	ASPPM	LITHO
2017	AA053286	WHI17000639	UTM83-9	521935.120	6863001.890	1543.25	09-Aug-17	0.5739	0.182	5389.8	GG
2017	AA053287	WHI17000639	UTM83-9	521936.800	6863002.680	1545.15	09-Aug-17	0.2267	0.053	1270.8	QZ
2017	AA053288	WHI17000639	UTM83-9	521935.370	6863005.010	1542.97	09-Aug-17	1.4739	0.226	6972.7	QZ
2017	AA053289	WHI17000639	UTM83-9	521935.740	6863003.670	1545.30	09-Aug-17	0.1319	0.068	2756	QZ
2017	AA053290	WHI17000639	UTM83-9	521933.160	6863005.220	1542.32	09-Aug-17	0.0422	0.052	345.8	
2017	AA053291	WHI17000639	UTM83-9	521928.260	6863006.860	1541.49	09-Aug-17	0.1256	0.073	647.5	
2017	AA053292	WHI17000639	UTM83-9	521929.510	6863008.090	1542.03	09-Aug-17	0.0456	0.056	185	
2017	AA053293	WHI17000639	UTM83-9	521930.510	6863008.650	1539.76	09-Aug-17	0.8296	0.264	10000	
2017	AA053294	WHI17000639	UTM83-9	521917.360	6863010.240	1533.33	09-Aug-17	0.4127	0.078	10000	
2017	AA058004	WHI17000179	UTM83-9	522090.000	6862850.000	-999.99	19-Jun-17	0.0094	0.035	26.9	QZ
2017	AA058005	WHI17000179	UTM83-9	522025.000	6862783.000	-999.99	19-Jun-17	0.0029	0.06	23.5	QZ
2017	AA058006	WHI17000179	UTM83-9	522022.000	6862784.000	-999.99	19-Jun-17	0.0042	0.038	15.8	QZ
2017	AA058007	WHI17000179	UTM83-9	522077.000	6863106.000	-999.99	19-Jun-17	0.0284	0.037	190.1	QZ
2017	AA058101	WHI17000179	UTM83-9	522007.000	6863032.000	-999.99	19-Jun-17	0.0038	0.014	3.3	QZ
2017	AA058102	WHI17000179	UTM83-9	521951.000	6863008.000	-999.99	19-Jun-17	0.0571	0.026	1128.3	CNGL
2017	AA058103	WHI17000179	UTM83-9	521866.000	6862983.000	-999.99	19-Jun-17	0.0012	0.026	12.5	SSf
2017	AA058104	WHI17000179	UTM83-9	521869.000	6862968.000	-999.99	19-Jun-17	0.0042	0.13	53.2	SLT
2017	AA058105	WHI17000179	UTM83-9	521849.000	6863047.000	-999.99	19-Jun-17	0.0006	0.061	2.2	QZ
2017	AA058106	WHI17000179	UTM83-9	521849.000	6863047.000	-999.99	19-Jun-17	0.0003	0.021	6.7	QZ
2017	AA058153	WHI17000551	UTM83-9	524558.600	6860601.420	1518.84	07-Aug-17	0.0013	0.023	88.9	QZ
2017	AA058154	WHI17000551	UTM83-9	524540.000	6860307.300	1366.86	07-Aug-17	0.0001	0.249	13.2	QZ
2017	AA058155	WHI17000551	UTM83-9	524562.740	6860340.660	1385.69	07-Aug-17	0.0001	0.025	8.3	QZ
2017	AA058156	WHI17000551	UTM83-9	524593.580	6861258.060	1654.50	07-Aug-17	0.0011	0.01	4.6	QZ
2017	AA058157	WHI17000551	UTM83-9	524807.220	6862046.330	1702.85	07-Aug-17	0.001	0.029	5.6	QZ
2017	AA058158	WHI17000551	UTM83-9	523882.390	6865119.140	1658.33	07-Aug-17	0.0003	0.008	181.6	QZ
2017	AA058159	WHI17000551	UTM83-9	523877.620	6865086.680	1656.46	07-Aug-17	0.0007	0.014	149	QZ
2017	AA058160	WHI17000551	UTM83-9	523898.620	6865066.000	1651.94	07-Aug-17	0.0001	0.009	64.7	QZ
2017	AA058161	WHI17000639	UTM83-9	524354.170	6862808.300	1715.32	10-Aug-17	0.0007	0.001	7.2	QZ
2017	AA058162	WHI17000639	UTM83-9	524237.150	6862968.440	1713.83	10-Aug-17	0.0001	0.075	1.5	QZ
2017	AA058163	WHI17000639	UTM83-9	524154.940	6862955.490	1741.43	10-Aug-17	0.0019	0.005	15.2	QZ
2017	AA058164	WHI17000639	UTM83-9	524063.600	6862971.220	1758.38	10-Aug-17	0.0006	0.005	3.7	QZ
2017	AA058165	WHI17000639	UTM83-9	523835.460	6863077.010	1784.16	10-Aug-17	0.0007	0.001	3.9	QZ
2017	AA058166	WHI17000639	UTM83-9	523745.810	6863273.240	1855.57	10-Aug-17	0.0138	0.009	38	QZ

YEAR	SAMPLEID	AU_CERTNAM	GCS	EAST	NORTH	ELEV	DATE	AUPPM	AGPPM	ASPPM	LITHO
2017	AA058167	WHI17000639	UTM83-9	524282.000	6863613.000	1673.00	11-Aug-17	0.0003	0.001	1.4	QZ
2017	AA058168	WHI17000639	UTM83-9	523886.000	6865324.000	-999.99	11-Aug-17	0.0013	0.001	96.9	QZ
2017	AA058169	WHI17000639	UTM83-9	523662.000	6865383.000	-999.99	11-Aug-17	0.0007	0.007	18.1	QZ
2017	AA058170	WHI17000639	UTM83-9	525925.000	6864311.000	-999.99	11-Aug-17	0.0004	0.005	0.05	QZ
2017	AA058171	WHI17000639	UTM83-9	525946.000	6864310.000	-999.99	11-Aug-17	0.0004	0.358	1.1	QZ
2017	AA058172	WHI17000639	UTM83-9	525939.000	6864355.000	1855.00	11-Aug-17	0.0002	0.084	0.05	QZ
2017	AA058174	WHI17000639	UTM83-9	523929.000	6862140.000	1809.00	11-Aug-17	0.0017	0.003	63.8	QZ
2017	AA058175	WHI17000639	UTM83-9	523905.000	6862126.000	1790.00	11-Aug-17	0.0008	0.012	52	QZ
2017	AA058176	WHI17000639	UTM83-9	524324.000	6861797.000	1772.00	11-Aug-17	0.0048	0.006	44.3	QZ
2017	AA071305	WHI17000464	UTM83-9	521831.000	6865706.000	-999.99	31-Jul-17	0.0009	0.069	59.6	QZ
2017	AA071306	WHI17000464	UTM83-9	521815.000	6865682.000	-999.99	31-Jul-17	0.0066	0.116	6.1	QZ
2017	AA071307	WHI17000464	UTM83-9	521887.000	6865650.000	-999.99	31-Jul-17	0.0001	0.05	1.1	QZ
2017	AA071308	WHI17000464	UTM83-9	521694.000	6865661.000	-999.99	31-Jul-17	0.0001	0.036	1	
2017	AA071309	WHI17000464	UTM83-9	521720.000	6865618.000	-999.99	31-Jul-17	0.7218	0.185	5083.8	QZ
2017	AA071310	WHI17000464	UTM83-9	521731.000	6865612.000	-999.99	31-Jul-17	0.0006	0.021	19.8	QZ
2017	AA071311	WHI17000464	UTM83-9	521664.000	6865603.000	-999.99	31-Jul-17	0.0036	0.039	19.2	QZ
2017	AA071312	WHI17000464	UTM83-8	521660.000	6865603.000	-999.99	31-Jul-17	0.0006	0.032	11.2	QZ
2017	AA071313	WHI17000464	UTM83-9	522307.000	6864758.000	-999.99	31-Jul-17	0.0001	0.017	4.1	QZ
2017	AA071314	WHI17000464	UTM83-9	522297.000	6864755.000	-999.99	31-Jul-17	0.0001	0.02	3.9	QZ
2017	AA071315	WHI17000464	UTM83-9	522420.000	6864869.000	-999.99	31-Jul-17	0.0069	0.019	46.5	QZ
2017	AA071316	WHI17000464	UTM83-9	522396.000	6864941.000	-999.99	31-Jul-17	0.104	0.824	125.2	QZ
2017	AA071317	WHI17000464	UTM83-9	522389.000	6864955.000	-999.99	31-Jul-17	0.0133	0.231	115.1	QZ
2017	AA071318	WHI17000464	UTM83-9	522586.000	6864997.000	-999.99	31-Jul-17	0.3067	1.45	182.3	QZ
2017	AA071319	WHI17000464	UTM83-9	522776.000	6864845.000	-999.99	31-Jul-17	0.1073	1.808	115.7	QZ
2017	AA071320	WHI17000464	UTM83-9	522769.000	6864838.000	-999.99	31-Jul-17	0.0698	0.109	64	QZ
2017	AA071321	WHI17000465	UTM83-9	523378.000	6864777.000	-999.99	01-Aug-17	0.1462	7.788001	7264	QZ

## Appendix 3 Assay Certificates.

See data folder for assay certificates

## Appendix 4 Statement of Qualifications



### Statement of Qualifications

I, Jeffrey A. Cary, who resides in Durango, Colorado, USA, DO HEREBY CERTIFY THAT:

- 1) I am an employee and Project Manager of Golden Predator Mining Corp. with an address at 250 200 Burrard Street, Vancouver BC, V6C 3L6.
- 2) I hold the following academic qualifications:  
Master of Science Degree in Geology in 1990 from Western Washington University in Bellingham, Washington, USA  
Bachelor of Science Degree in Geology in 1983 from Fort Lewis College, Durango, Colorado, USA.
- 3) I have been practicing my profession continuously in the United States, Canada, Mexico and Chile for thirty years as a professional geologist on a variety of exploration and development programs searching for precious metals, base metals, uranium and coal.
- 4) The information for this report is based on information as itemized in the Selected Reference section of this report and from work the author, other Golden Predator Mining Corp. employees and sub-contractors performed at the Reef Property from June 19 to September 10, 2018.

Dated this 05th Day of April, 2018

Respectfully Submitted,

Signature on File.

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Jeffrey A. Cary, M.Sc., CPG #11673  
Project Manager  
Golden Predator Mining Corp.

## Appendix 5 Statement of Costs

REEF PROPERTY - STATEMENT OF COSTS							
Helicopter Invoices		Company	notes	Cost \$	% applicable to Reef claims	Applicable assessment \$	Personel
Date	Ticket #						
06-19-2017	14124	Heli Dynamics Ltd	prospecting and sampling	\$ 570.00	100 %	\$ 570.00	Jeff Cary, Linda Lewis
07-31-2017	13877	Heli Dynamics Ltd	prospecting and sampling	\$ 1,625.00	100 %	\$ 1,625.00	Graham Leroux
08-07-2017	13807	Heli Dynamics Ltd	prospecting and sampling	\$ 2,000.00	100 %	\$ 2,000.00	Cain Saint-Merat
08-09-2017	13811	Heli Dynamics Ltd	prospecting and sampling	\$ 2,375.00	100 %	\$ 2,375.00	Luke Carlos, Shane Carlc
08-10-2017	13815	Heli Dynamics Ltd	prospecting and sampling	\$ 1,750.00	100 %	\$ 1,750.00	Cain Saint-Merat
08-11-2017	13816	Heli Dynamics Ltd	prospecting and sampling	\$ 1,750.00	100 %	\$ 1,750.00	Cain Saint-Merat
08-12-2017	13817	Heli Dynamics Ltd	soil sampling	\$ 7,125.00	5 %	\$ 356.25	Aurora Geoscience
08-16-2017	14243	Heli Dynamics Ltd	soil sampling	\$ 2,450.00	20 %	\$ 490.00	Aurora Geoscience
08-17-2017	14246	Heli Dynamics Ltd	soil sampling	\$ 3,500.00	35 %	\$ 1,225.00	Aurora Geoscience
08-24-2017	14255	Heli Dynamics Ltd	soil sampling	\$ 4,875.00	20 %	\$ 975.00	Aurora Geoscience
09-01-2017	14263	Heli Dynamics Ltd	soil sampling	\$ 3,250.00	100 %	\$ 3,250.00	Aurora Geoscience
09-02-2017	14264	Heli Dynamics Ltd	soil sampling	\$ 3,500.00	100 %	\$ 3,500.00	Aurora Geoscience
09-03-2017	14265	Heli Dynamics Ltd	soil sampling	\$ 4,125.00	20 %	\$ 825.00	Aurora Geoscience
09-06-2017	14271	Heli Dynamics Ltd	soil sampling	\$ 3,750.00	100 %	\$ 3,750.00	Aurora Geoscience
09-07-2017	14272	Heli Dynamics Ltd	soil sampling	\$ 4,875.00	15 %	\$ 731.25	Aurora Geoscience
09-10-2017	14270	Heli Dynamics Ltd	soil sampling	\$ 4,000.00	22 %	\$ 880.00	Aurora Geoscience
					\$ 26,052.50		
Helicopter fuel		2972 litres		1.90/l		\$ 5,647.18	
<b>Personel</b>							
Date	Name	Position	Daily rate				
06-19-2017	Jeff Cary	Project Geologist	\$ 690.00		\$	690.00	
06-19-2017	Linda Lewis	Senior Geologist	\$ 450.00		\$	450.00	
07-31-2017	Graham Leroux	Senior Geologist	\$ 369.00		\$	369.00	
08-07-2017	Cain Saint-Merat	Senior Geologist	\$ 369.00		\$	369.00	
08-09-2017	Luke Carlos	Prospector	\$ 350.00		\$	350.00	
08-09-2017	Shane Carlos	Senior Geologist	\$ 400.00		\$	400.00	
08-10-2017	Cain Saint-Merat	Senior Geologist	\$ 369.00		\$	369.00	
08-11-2017	Cain Saint-Merat	Senior Geologist	\$ 369.00		\$	369.00	
					\$ 3,366.00		
<b>Assay Costs</b>							
Sample Type	number of samples	cost per sample	Total Cost				
Soil samples	734	\$ 21.15	\$ 15,524.10		\$	15,524.10	
Rock samples	59	\$ 25.86	\$ 1,525.74		\$	1,525.74	
			\$ 17,049.84				
<b>Aurora Geosciences - soil sampling</b>							
Sample Type	number of samples	cost per sample	Total Cost				
Soil sample	748	\$ 32.24	\$ 24,115.52		\$	24,115.52	
<b>Room and Board</b>							
Person days	Day Rate	Total days	Total Cost				
Aurora	\$ 75.00	30	\$ 2,250.00		\$	2,250.00	
Golden Predator	\$ 75.00	8	\$ 600.00		\$	600.00	
			\$ 2,850.00				
<b>Report</b>							
Day Rate	Total days	Total Cost					
Report writing	\$500	4	\$2,000			\$2,000	
<b>Total Assessment Costs</b>							
					\$ 81,081.04		

Respectfully Submitted,

Signature on File.

Jeffrey A. Cary, M.Sc., CPG #11673  
 Project Manager  
 Golden Predator Mining Corp