ASSESSMENT REPORT

2K Gold property – YUKON TERRITORY, CANADA

63°05'36" N, 140°53'15" W, Whitehorse Mining District

Prepared for:
PROVENANCE GOLD CORP

Prepared by:

AURORA GEOSCIENCES

ASSESSMENT REPORT
2K Gold property – YUKON TERRITORY, CANADA
Whitehorse Mining District, Yukon Territory, Canada
NTS: 115N02

YA78701-YA78084, REEF 1-4; YA82517-YA82522, REEF 5-10; YA97444-YA97448, REEF 11-15; YB08092-YB08096, REEF 16-20; YB54513-YB54518, PIA 1-6; YB54519-YB54520, MAR 1-2; YB54730-YB54733, COLIN 1-4; YB55284, REEF 21; YC14456-YC14557, REEF 22-23; YC18702-YC18715, REEF 25-38; YC40935-YC40950, COLIN 5-20; YC46878-YC46886, COLIN 21-29 YC94506-YC94509, ANTLER 13-16; YC94510-YC94521, ANTLER 1-12; YD95880-YD95882, ANTLER 32-34; YD59883-YD59884, COLIN 30-31; YD59885-YD59899, ANTLER 17-31; YD59900-YD59906, ANTLER 35-41; YD59910-YD59936, ANTLER 42-67; ANTLER 42-67; YF45748-YF45753, ANTLER 68-73; YE32251-YE32266, RF 1-16; YE32267-YE32286, AT 1-20; YE32287-YE32288, AT F 21-22; YE32289-YE32297, AT 23-31

63º05'36" N, 140º53'15" W
UTM (NAD 83): 505850, 6996000, Zone 7

Effective Date, May 25, 2018

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1 EXECUTIVE SUMMARY

In 2016, Provenance Gold Corp. (Provenance) entered into an option agreement to acquire a 100% interest in two claim blocks, one comprising the REEF, MAR and PIA claims and the other comprising the COLIN and ANTLER claims. These two claim blocks, together with 47 recently staked claims, comprise the 2K Gold property. Following positive results from a short exploration program in 2016, Provenance contracted Aurora Geosciences Ltd (Aurora) of Whitehorse, Yukon, to plan and execute a more comprehensive exploration program in 2017. This program was conducted in two phases: 1) soil, silt and rock geochemical sampling and geological mapping, followed by 2) diamond drilling of 1,836 metres in 12 holes.

The 2K Gold property consists of 196 contiguous Yukon quartz mining claims, comprising approximately 3,716.6 hectares (9,180.0 acres). This includes 47 new claims, some adjoining the two formerly separate claim blocks, and the remainder covering additional ground to the north. The property is located in the Moosehorn Range area roughly 133 air-km SSW of Dawson City, Yukon, and 407 air-km NW of Whitehorse, the capital and major supply centre of the Yukon. The quartz claims also cover significant placer workings along Kate and Great Bear Creek areas to the northeast, and Kenyon Creek to the southwest. Placer gold mining has been ongoing since the early 1970s.

The 2K Gold property is located within the 100-112Ma Dawson Range Batholith, a northwest – southeast trending elongate intrusion 300 km in length located wholly within the Yukon-Tanana Terrane (YTT). The YTT consists of mid-Paleozoic to mid-Mesozoic continental arc assemblages emplaced upon a neo-Proterozoic to Lower Paleozoic continental basement. The YTT comprises variably deformed metaigneous and metasedimentary rocks consisting of felsic orthogneiss, pelitic and quartzofeldspathic paragneiss, quartzofeldspathic schist, and mafic to felsic metaplutonic to metavolcanic rocks. The YTT underwent accretion onto the North American Craton from mid-Permian to Late Triassic time, with the northeast boundary currently marked by the northwest – southeast extending Tintina Fault Zone.

The 2K Gold property is underlain mainly by a biotite-hornblende rich phase of the Dawson Range Batholith, with northern areas underlain by Ordovician to Devonian Scottie Creek Formation metasediments. Placer excavation in the Kenyon Creek area revealed underlying decrepitated and variably limonitic granodiorite with small zones of sheeted centimetre-scale quartz veining. Bedrock was not exposed in Kate and Great Bear creeks, with the exception of locally sheared and carbonate-altered granodiorite along Roo Gulch, a tributary of Great Bear Creek.

Two major mineralized settings have been identified at the 2K Gold property. One comprises mesothermal quartz veining, commonly hosting banded sulphide mineralization occasionally with visible gold. The other consists of centimetre-scale sheeted or irregular epithermal veining, associated with limonitic altered granodiorite. Mesothermal mineralization occurs in place at the “M-Zone” along the ridgeline separating the Kenyon and Great Bear Creek drainages. Fairly abundant boulders of similarly mineralized mesothermal quartz vein “float” occurs in the Kenyon creek area, along the access road north of the M-Zone, and more sparsely within Roo Gulch to the east. Rock sampling during Phase 1 returned high gold values from mesothermal quartz vein float at the Kenyon Creek and H-Grid areas. Epithermal mineralization also occurs along a roadcut directly east (uphill of) Kenyon Creek, and at one location within the workings, where a 2016 rock chip sample returned a value of 122.5 g/t gold across 1.8 metres. In 2017,

sampling of epithermal veining and altered granodiorite at the placer workings and nearby roadcut returned several lower-grade anomalous gold values to 0.597 g/t.

The Phase 1 program included grid soil geochemical sampling of two main grids: the Reef grid, covering the Kenyon Creek area; and the Kate grid, covering Kate and Great Bear creeks. A smaller grid, the H-Grid, is centered on several pieces of mineralized mesothermal quartz vein float along the main access road. Although numerous single-sample anomalous gold values were returned, no aerially extensive gold-in-soil anomalies were identified. A NW-SE trending arsenic anomaly was identified at the H-Grid, indicating potential for a structurally controlled mineralized zone. Silt geochemical sampling returned anomalous gold values along the headwaters of Soya Creek, Roo Gulch and the east fork of Kate Creek.

The Phase 2 diamond drilling comprised nine holes in the Kenyon Creek area, including two along a "right" tributary to the northwest, and three in the Great Bear Creek area. Results have been returned only for Holes 2K-17-01 through 2K17-05, all collared in the main Kenyon Creek placer workings. The best result was from Hole 2K17-01, which returned a 0.9-metre intercept grading 0.468 g/t gold and 0.8 g/t silver, representing the down-depth extension of the high-grade rock chip sample. No other significant intercepts have been returned to date. Two of the three holes targeting the Great Bear Creek placer workings intersected zones of sheeted quartz-sulphide veins within chloritic and scorodite-altered granodiorite, indicating potential for a zone of epithermal vein-style mineralization extending north-south along the Great Bear Creek watercourse. Assay results for these are pending.

Results of 2017 rock sampling and prospecting indicate the areas of greatest mesothermal vein float density are: the Kenyon Creek placer workings, the M-Zone area along the ridgeline, and the roadside transecting the H-Grid. Although these boulders are abundant in the Kenyon Creek area, no similar veining was found in outcrop or drill core, indicating an uphill source to the east. Gold at the Kenyon Creek placer workings therefore has been transported from a source area to the east, along or proximal the ridgeline hosting the M-Zone. The source area may occur as a kilometric-scale target along the ridgeline, including both flanks, extending from the M-Zone area north to the H-Grid area.

Several occurrences of centimetre-scale quartz-manganese veining along the roadcut east of Kenyon Creek indicate potential for increased epithermal veining to the east. The mesothermal and epithermal settings may occur in the same area, improving its economic potential. The sheeted epithermal vein setting along Great Bear Creek is a separate target from the purported main lineament, indicating similar targets may occur elsewhere on the property.

A third auriferous setting comprising centimetre-scale quartz stockwork veining in mineralized granodiorite host rock was identified from a single proximal float boulder grading 4.857 g/t Au in the H-Grid area. This represents another mineralogical setting type in the 2K Gold property area.

Metallic Screen Fire Assay (MSFA) analysis returned consistently higher gold values than original 50-gram fire assay analysis, indicating much of the gold occurs in the coarse fraction, rendering placer mining possible. Gold values from rock and potentially from drill core may underestimate true metal content. The per centage increase in values is higher for lower-grade epithermal mineralization.

The results to date, including lack of anomalous Bi values and lack of evidence of intrusion-related features such as hornfelsing, indicate mineralization is of orogenic origin, occurring along district-scale north-south lineaments. These may represent deep crustal faults extending through the Dawson Range Batholith. The interpreted area of mesothermal +/- epithermal veining may mark a district-scale lineament.

Recommendations for the next phase of exploration comprise a combined magnetic – Very Low Frequency (VLF) survey extending north from somewhat south of the M-Zone to just north of the H-Grid. The nominal line spacing would be 100 metres, with a 25-metre station spacing for VLF readings. A portion of this grid would extend eastward to cover the Great Bear Creek area including the 2017 drill collars, terminating about 300 metres east of Great Bear Creek. A series of east-west oriented soil sampling traverses, with a 400-metre line spacing and a 50-metre station spacing, extending north from the M-Zone to north of the H-Grid, is also recommended. The program would also include rock sampling, particularly of mesothermal vein float, to determine the extent of an interpreted north-south extending zone, if any, of sheeted mesothermal quartz veining.

The program is recommended to be done by a five-person crew comprising a project geologist, two soil sampling technicians and two geophysical technicians. The program would have a duration of 12 days and is recommended for late June through early July, to provide time for follow-up exploration, if warranted. Proposed expenditures stand at CDN $124,000.

Further diamond drilling is not recommended until favourable results, including those from the remainder of the 2017 program, can be compiled from the recommended surface program.

2 INTRODUCTION

This assessment report has been prepared by Mr. Carl Schulze (BSc., P.Geo.) of Aurora Geosciences Ltd. (Aurora). The subject of this report is the 2K Gold property, located in west-central Yukon Territory, Canada. The 2017 program comprised a Phase 1 program of geological mapping, grid and ridge-and-spur soil sampling and rock sampling, followed by a Phase 2 program of diamond drilling comprising 1,836 metres of HQ-sized core in 12 holes. The report has been written to satisfy requirements of the Whitehorse Mining Recorder, Department of Energy, Mines and Resources, Government of Yukon.

2.1 TERMS OF REFERENCE

The author has been requested to write this report using the following terms of reference:

a) Review and compile all available data obtained by Provenance Gold Corp. and its predecessors,
b) Provide an Assessment Report to the standards of the Yukon Quartz Mining Act,
c) Verify and support technical disclosures by Provenance Gold Corp.

2.2 TERMS, DEFINITIONS AND UNITS

All costs contained in this report are in Canadian dollars (CDN$). Distances are reported in centimetres (cm), metres (m) and km (kilometres). The term "GPS" refers to "Global Positioning System" with co-ordinates reported in UTM NAD 83 projection, Zone 7. "Minfile Occurrence" refers to documented mineral occurrences on file with the Yukon Minfile, Department of Energy, Mines and Resources, Government of Yukon.

A "Grab Sample" consists of a single piece of rock to be analyzed. A "Composite Grab Sample" is similar to a grab sample but comprises multiple pieces of similar rock material. A "chip sample" consists of a contiguously sampled section, or "chip", of rock sampled over a specific distance, to obtain a more accurate representation of grade over width. A "float" sample is a rock sample that has been transported from its original bedrock source. "Mag" and "EM" refer to "Magnetic" and "Electromagnetic" methods referencing geophysical surveying. "IP" is an abbreviation for Induced Polarization geophysical surveying.

A "collar location" is the exact easting, northing and elevation, listed in UTM NAD 83, Zone 7, of the drill collar. An azimuth is the horizontal direction of drilling and a dip is the downward angle of drilling.

The term "ppm" refers to parts per million, which is equivalent to grams per metric tonne (g/t); the term "ppb" refers to parts per billion. Some historic grades are reported in "oz./ton" which is ounces per short ton. "Ma" refers to million years. The symbol "%" refers to weight percent unless otherwise stated. "QA/QC" refers to "Quality Assurance/ Quality Control".

ICP-AES stands for "Inductively coupled plasma atomic emission spectroscopy", and AA stands for "atomic absorption". AQ300 refers to 33-element Aqua Regia ICP-ES. "FA350" refers to gold (Au) analysis of a 50-gram sample by fire assay with gravimetric finish. FA300 refers to 30-gram fire assay analysis, utilized for soil and silt analysis. FA550 refers to overlimit analysis of gold values exceeding 10.0 g/t by FA350 analysis (50-gram fire assay). "MSFA" stands for "Metallic Screen Fire Analysis.

"CEO" stands for Chief Executive Officer. "NI 43-101" stands for National Instrument 43-101.

Elemental abbreviations used in this report are:

Au: Gold	Mn: Manganese
Ag: Silver	Mo: Molybdenum
Al: Aluminum	Na: Sodium
As: Arsenic	Ni: Nickel
B: Boron	Hg: Mercury
Ba: Barium	P: Phosphorous
Be: Beryllium	Pb: Lead
Bi: Bismuth	S: Sulphur
Ca: Calcium	Sb: Antimony
Cd: Cadmium	Sc: Scandium
Co: Cobalt	Sr: Strontium
Cr: Chrome	Th: Thorium
Cu: Copper	Ti: Titanium
Fe: Iron	Tl: Thallium
Ga: Gallium	U: Uranium
K: Potassium	V: Vanadium
La: Lanthanum	W: Tungsten
Mg: Magnesium	Zn: Zinc
Se: Selenium	Te: Tellurium
Pt: Platinum	Pd: Palladium

2.3 Sources of Information

Much of the information on property area geology, including structural setting, was provided by a thesis entitled “Geologic Setting, Nature and Structural Evolution of Intrusion-Hosted Au-Bearing Quartz Veins at the Longline Occurrence, Moosehorn Range area, West-Central Yukon Territory”, submitted to the Faculty of Graduate Studies, Department of Earth and Ocean Sciences, University of British Columbia, by Nancy L. Joyce (2002). Information on history and geological setting of the northern Moosehorn Range area was supplied by an assessment report entitled “1999 Assessment Report on the Moosehorn Property”, by Scott Casselman.

Information on claim tenure status, including that of adjacent properties, and regional geology was provided by the “Yukon Mapmaker Online” website of the Yukon Geology Survey at http://mapservices.gov.yk.ca/YGS/Load.htm.

Information on regional geology was provided by the “Yukon Bedrock Geology” website and by the “YGS Mapmaker Online” website, both available at http://www.geology.gov.yk.ca/Web_map_gallery.html.

2.4 Extent of Involvement of Qualified Person

The author was on site for 4 days from June 9-12, 2017, to help initiate the Phase 1 surface exploration program, and for 7 days from Aug 7 to 13, to initiate the Phase 2 diamond drilling program.

3 PROPERTY DESCRIPTION AND LOCATION

3.1 PROPERTY DESCRIPTION

The 2K Gold property consists of 196 contiguous Yukon quartz mining claims, comprising approximately 3,716.6 hectares (9,180.0 acres). This includes 47 new claims, adjoining two formerly separate claim blocks into a single block, and additional ground to the north. The property is located in the Moosehorn Range area roughly 133 km SSW of Dawson City. Yukon (Figure 1). The property is geographically centred at 63°05'36" N, 140°53'15" W Longitude (UTM NAD 83: 505850E, 6996000N, Zone 7) on NTS map sheets 115N/02 in the Whitehorse Mining District of Yukon Territory, Canada. The REEF and COLIN claims are 100% held by Ian Warrick; the ANTLER claims are 100% held by Colin Warrick, and the RF and AT claims, staked in March, 2017, are 100% held by Provence Gold Corp. None of the claims have undergone a legal survey.

The claim status for each claim that comprises the property is included in Appendix 6 (effective May 11, 2018).

Note: The vendors state that the Southwest Block extends roughly 350 metres further to the northeast than indicated on Claim Tenure Map 115N02. This was confirmed by this author, following a comprehensive review of original recording documents at the Whitehorse Mining Recorder's office. The author has signed a Statutory Declaration declaring that the claim tenure map shows the Southwest Block as offset to the southwest. The review also confirmed that the MAR 1-2 and PIA 1-6 claims along the southern margin were staked and recorded prior to adjacent claims held by a separate interest and are thus full claims held by the vendors.

The RF 1-16 claims were staked in late March, 2017, immediately following the lapsing of the REEF-A claim block, bridging two previously separate blocks resulting in the formation of one continuous block

The property, including expanded sections, is covered by a Class 3 Quartz Land Use permit, Permit #LQ00471, valid until July 5, 2027.

The surface rights on the property are held by the Crown. In June, 2016, Mr. Rauno Perttu entered into an agreement to option a 100% interest in the 149 claims comprising the 2K Gold property from Mr. Ian Warrick, doing business as Moosehorn Exploration, and Mr. Colin Warrick doing business as Antler Exploration. To obtain this interest, Mr. Perttu must pay to the Warricks a total of CAD$3,610,000.00 and complete certain exploration expenditures. The Warricks may also grant Mr. Perttu a 100% interest in the property upon payment of $3,000,000.00.

Shortly after this agreement was signed, Mr. Perttu assigned the option agreement to Provenance Gold Corp. The Warricks retain a 2% NSR royalty, which may be purchased by Provenance Gold Corp. for an additional CAD$2,000,000.00. On January 31st, 2017, Provenance Gold Corp. entered into a revised option agreement with Moosehorn Exploration and Antler Exploration. The details of the annual payments under this revised agreement are summarized in Table 2.

Table 1: Terms of Option Agreement

Date	Cash Payment	Work Commitment (by October 10th of year)
Within 60 days of signing	$33,500 to Ian Warrick	
	$16,500 to Colin Warrick	
June 10, 2017	$33,500 to Ian Warrick	$100,000
	$16,500 to Colin Warrick	
June 10, 2018	$88,750 to Ian Warrick	$100,000
	$41,250 to Colin Warrick	
June 10, 2019	$88,750 to Ian Warrick	$100,000
	$41,250 to Colin Warrick	
June 10, 2020	$167,500 to Ian Warrick	$100,000
	$82,500 to Colin Warrick	
June 10, 2021	$2,010,000 to Ian Warrick	$100,000
	$990,000 to Colin Warrick	

The agreement also pertains to the claims staked in March, 2017.

No significant environmental liabilities are known to occur on the property. The Northeast (ANTLER, COLIN) area covers present and past placer mining activities, focusing on a 2.5-km section of Great Bear Creek, a 0.7-km section of Roo Gulch which is a "left" tributary of Great Bear Creek, and a 0.4-km section of Kate Creek (local names). The Southwest (REEF, MAR, PIA) block covers placer operations along Kenyon Creek extending roughly 1.3 km from its headwaters to the western claim boundary. A camp, including fuel storage areas, is located along the active placer operations at Kate Creek, and a 0.7-km long airstrip suitable for small aircraft occurs northeast of the camp. The Kenyon Creek operations are accessible in summer from the camp by a seasonal road suitable for 4x4 light trucks. Minor access roads occur at some other property locations. No other significant disturbances are known to this author.

The placer mining activity on Kenyon, Great Bear and Kate creeks are operated by the holders of the hard rock "quartz" claims, Ian Warrick and Colin Warrick. Therefore, no conflict exists between placer mine operators and hard-rock exploration operators.

A gradation of permits, for Class 2 through Class 4 activities, is required for more significant programs such as diamond drilling and reverse-circulation drilling. Programs having a footprint slightly exceeding Class 1 limits require a "Class 2 Permit", valid for one year. Larger exploration programs require a "Class 3 Permit", are valid for five years (ten if requested) and are acquired through the Whitehorse Mining Recorder, Department of Energy, Mines and Resources (EMR), Government of Yukon.

Class 3 permit activities allow for sizable diamond drilling programs (depending on the number of clearings per claim), up to 5,000 m^3 of trenching per claim per year, the establishment of up to 15 km of new roads and 40 km of new trails, and up to 200,000 tonnes of underground excavation. Additional permits required include a "Consolidated Environmental Act Permit" for proper disposal of camp waste and ash resulting

from incineration, and a “Fuel Spill Contingency Plan”. A “Yukon Water License” is required if water usage exceeds 300m^3/day. Additional licenses may be required for “Disposal of Special Waste”.

All applications for Class 2 through Class 4 require review by the Yukon Environmental and Socioeconomic Board (YESAB). YESAB will recommend whether a project may proceed, whether it may proceed with modifications, or whether the project does not meet the environmental or socioeconomic expectations and should not proceed. Following submission by YESAB, a Decision Body determines whether to accept the recommendations, and, if a permit is awarded, what the conditions of the permit will be.

There are no significant environmental liabilities on the property. The property is located within the traditional territory of the Tr’ondek Hwech’In First Nation (THFN) which has a settled land claim with the Yukon government. The White River First Nation (WRFN) has also asserted that the property occurs within its Traditional Territory. The THFN has reached a land claim settlement with the Government of Canada, since devolved to the Yukon Government; the WRFN has not reached a land claims settlement.

There are no royalties, back-in clauses or other encumbrances on the 2K Gold property.

The author is not aware of any other significant factors or risks potentially affecting access, title, or the right or ability to perform exploration on the property.

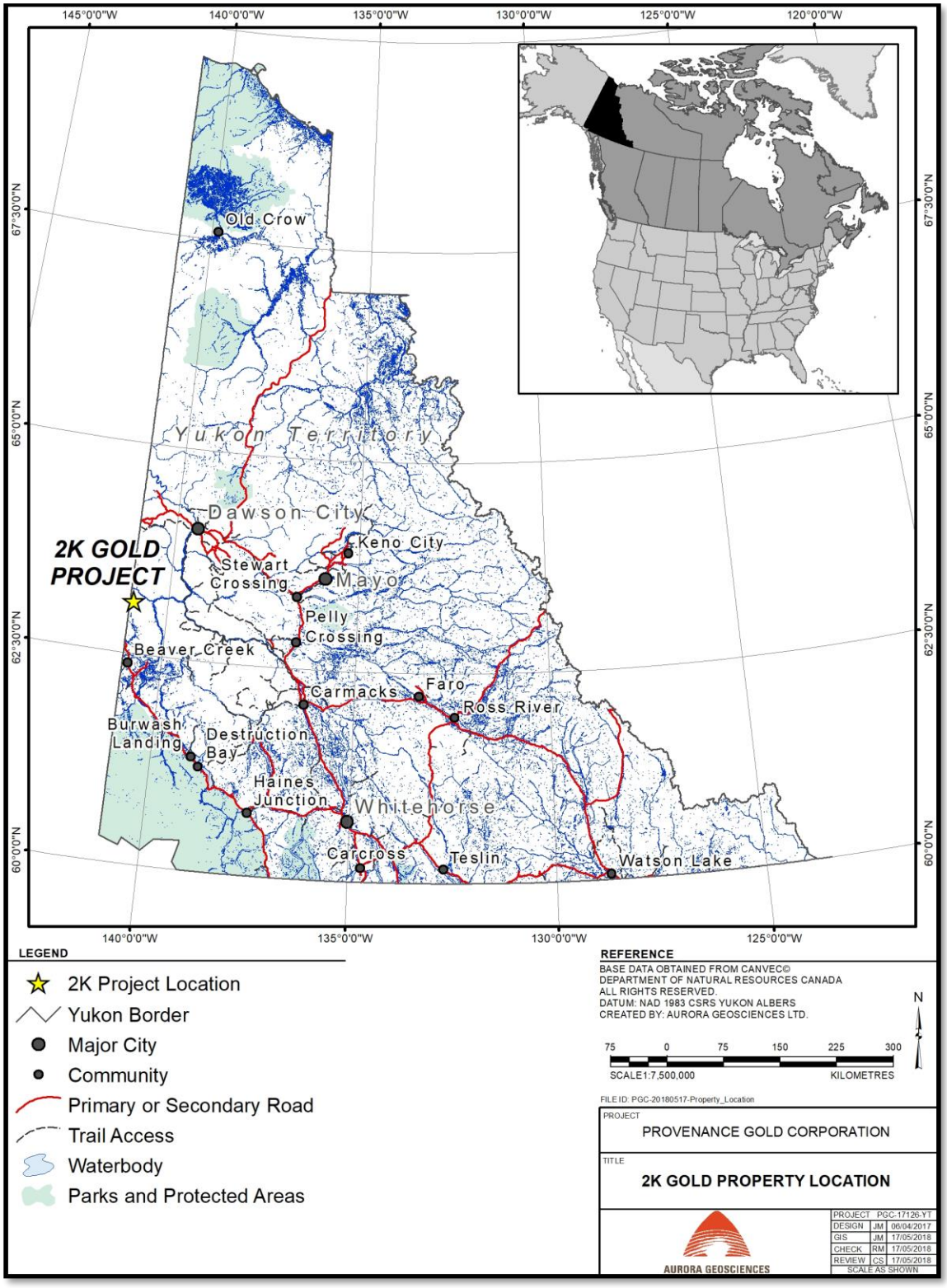


Figure 1: Location Map, 2K Gold property

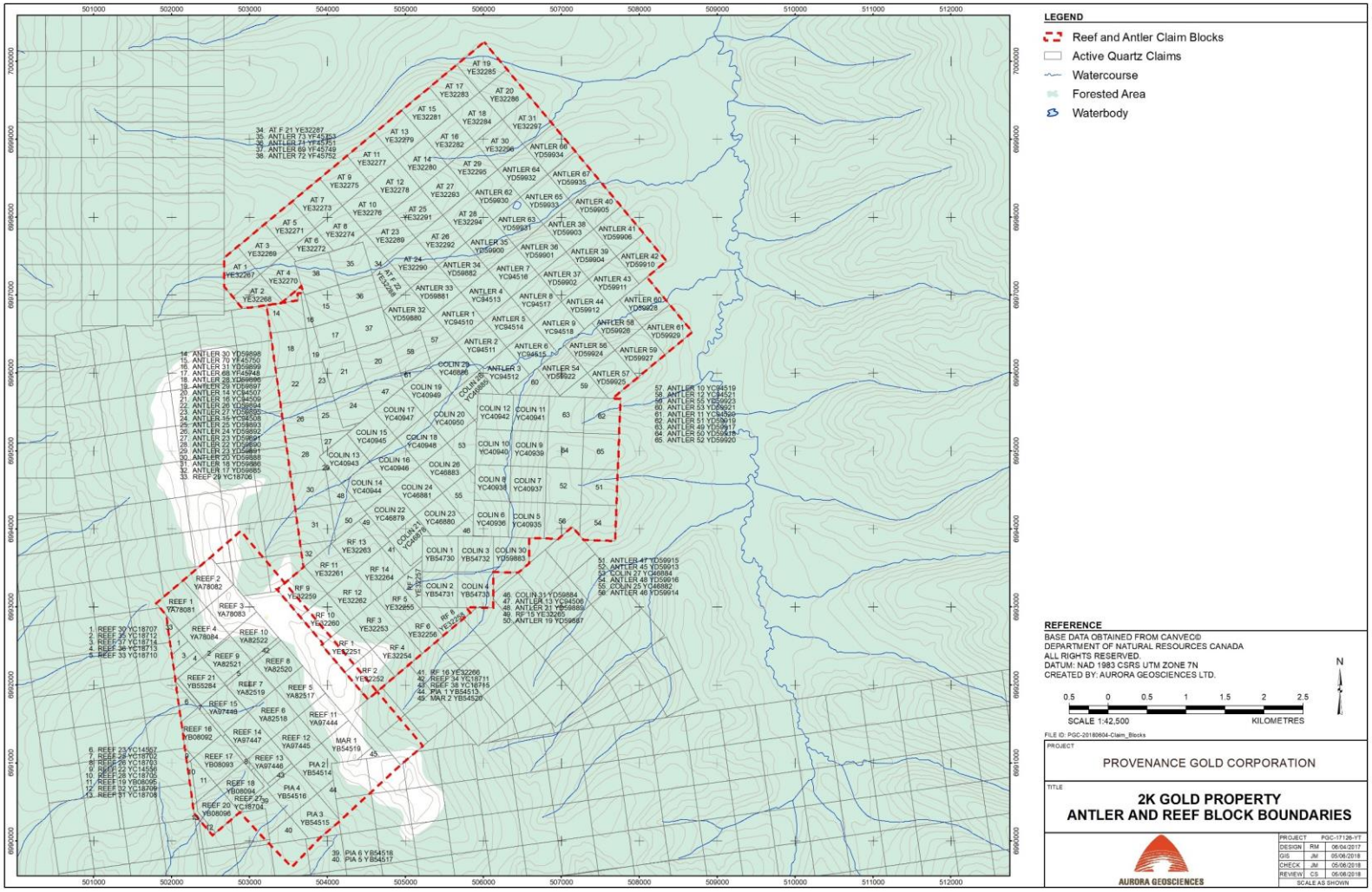


Figure 2: Claim Map, 2K Gold property

4 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The 2K Gold property covers parts of both flanks of the Moosehorn Range, marked by moderate topography ranging in elevation from 1,900 feet (580m) to just over 4,400 feet (1,340m). The Moosehorn Range is in an unglaciated area of Yukon and Alaska known as "Beringia", although small valley glaciers may once have occupied parts of the Kate Creek and Great Bear Creek valleys (I. Warrick and K. Robertson, pers comm). Outcrop is sparse, although areas of rubblecrop occur along ridgelines. Vegetation consists of typical boreal forest consisting of white and black spruce, with poplar and paper birch along lower elevations of south facing slopes.

Access during field season is by helicopter and wheeled aircraft, the latter utilizing a 0.7-km (2,300') landing strip called the Moosehorn Strip along a ridgeline north of the main placer camp at Kate Creek (Map 1). A second landing strip in marginal condition, called the Claymore Strip, is located directly south of the Kenyon Creek placer operation. A road network suitable for 4x4 trucks extends from the airport to the main camp, and to the Kenyon Creek operations and airstrip. A winter road, usable from February to early April, extends roughly 50 air-km from the Alaska Highway north of Beaver Creek, Yukon to the property. This is utilized for delivery of fuel and large equipment and supplies.

The property is 133 km SSW of Dawson City, Yukon, a full-service community with a population reported in the 2011 census of 1,319 (Wikipedia, 2016), although this increases to roughly 2,000 including neighbouring communities in the Klondike area. Dawson City has bulk fuel, grocery and hardware services, as well as abundant accommodation, an available skilled work force, and government services including the mining recorder for the Dawson Mining District. Dawson City is roughly 550 road-kilometres along the North Klondike Highway from Whitehorse, Yukon, a full-service community of about 29,000, with excellent available accommodations, groceries, hardware, camp supplies bulk fuel and expediting services, and an available skilled workforce. The property is located about 75 air-km from Beaver Creek, Yukon with a population reported in the 2011 census of 103 (Wikipedia, 2011). Located along the Alaska Highway about 410 road-km from Whitehorse, the community has good accommodations but limited grocery and hardware services.

The climate is subarctic continental, with short, warm summers and long, very cold winters. Average mean daily temperatures in Dawson City in July and January stand at 15.7^{o}C and -26.0^{o}C respectively, with record summer and winter extremes of 35^{o}C and -58.3^{o}C respectively. Precipitation is light, averaging 324.4 mm per year at Dawson City (Wikipedia, 2016, after Environment Canada), although this may be slightly higher at the property. The field season extends from late May until late September, although diamond drilling may be done in winter conditions if freezing of water lines can be prevented.

The property size and moderate terrain are sufficient to accommodate mining facilities, potential mill processing sites, heap leach pads, and waste disposal sites, although elevation ranges may require large tailings dams to be constructed for adequate tailings impoundment. There is sufficient water to supply mining and milling operations, including accommodations, as well as for drilling. No significant electrical power facilities are available in the project area; the nearest electrical grid extends along the North Klondike Highway from Whitehorse to Dawson. Both Dawson City and Whitehorse have a substantial skilled labour force, including professional geoscientists and tradespeople.

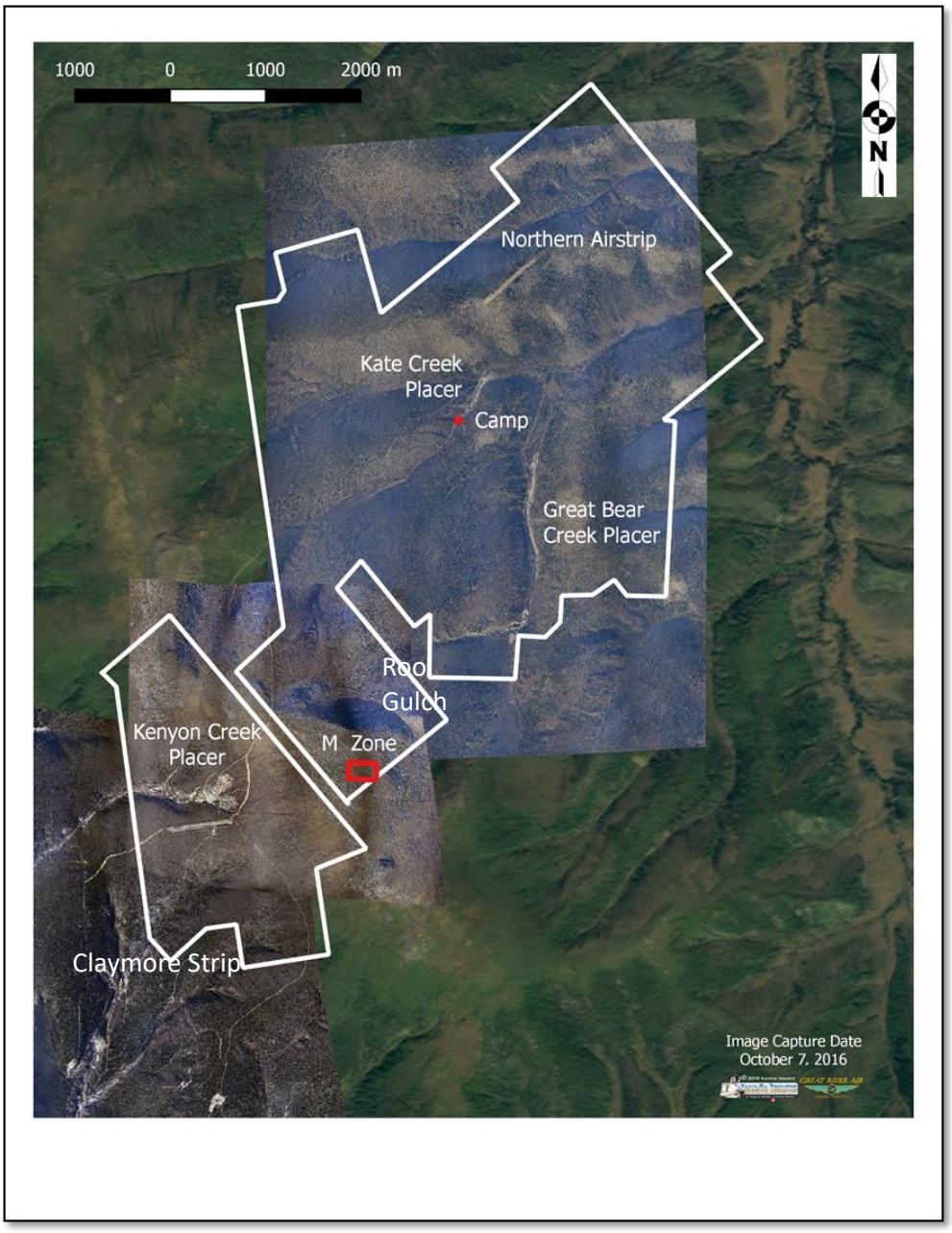


Figure 3: Location of main placer workings, 2K Gold property

5 HISTORY

The first discovery of gold in the Moosehorn Range was made in 1970 when prospectors employed by Quintana Minerals Corporation discovered gold in rock "float" during a regional porphyry copper exploration program. In 1972 the discovery area was staked as the DEA claims (now the RF claims). Limited hand trenching was done later that year, but the property was subsequently allowed to lapse (Casselman, 1999).

In 1974 prospectors I. Warrick and K. Robertson discovered auriferous quartz veins in bedrock along the crest of the Moosehorn Range. They named this discovery the “M-Vein” within the “M-Zone”, staked the REEF 1 to 4 claims to cover it, and subsequently enlarged the REEF claim block to cover prospective ground.

In 1974, Great Bear Mining Ltd. (Great Bear) re-staked the DEA claims and conducted trenching, soil geochemical surveys, ground magnetometer and EM-16 (electromagnetic) surveys. This took place along the main ridgeline near the M-Zone. Highly encouraging results from the trench sampling led to a staking rush during the winter and spring of 1975. Also in 1974, high gold values obtained by M. Kenyon along the summit of the Moosehorn Range led to staking of 58 LORI claims immediately northwest of the DEA block (Casselman, 1999).

In 1975, Great Bear conducted an extensive program on the DEA claims consisting of prospecting, soil geochemical surveying, bulldozer trenching, and a diamond drilling program of 696 m (2,284 feet) in 19 holes. The drilling returned numerous intercepts of arsenopyrite-galena-sphalerite bearing quartz veins with highly variable gold values. The best intercept was 256.8 g/t Au across 0.15 m (Casselman, 1999).

Also in 1975, Claymore Resources Ltd. purchased the LORI block from M. Kenyon and conducted an exploration program consisting of geophysical surveying across the "M-Zone", a soil geochemical survey over most of the property, a diamond drilling of 624.84 metres (2,050 ft.) in 18 holes of BQ wireline, and geological mapping along the ridgetop. The geophysical, geochemical, and diamond drilling phases failed to return any significant responses or anomalies near the sub-cropping M-vein, although quartz-arsenopyrite float exhibited significant visible gold returning values of 325.7 g/t and 3,017.2 g/t Au from grab sampling. However, due to the highly localized occurrences and discouraging results overall, coupled with low gold prices, no further work was done and the claims were allowed to lapse after eight years.

During this program placer gold was discovered on Discovery Creek (now Kenyon Creek) on the west flank of the Moosehorn Range, sparking a placer claim staking rush in the area. Since then placer mining operations have been ongoing along Kenyon Creek and Swamp Creek on the west side of the mountain, and on Kate, Great Bear and Claymore creeks on the east side. By 2002, roughly 54,000 ounces of placer gold had been extracted from the Moosehorn area.

In 1986 and 1987, Warrick and Robertson, operating as Moosehorn Exploration Ltd., conducted a prospecting, trenching and bulk sampling program on quartz veins at the "M-Zone” area to determine a representative grade of the erratic gold mineralization. In 1986, a total of 1.22 tonnes (1.35 tons) of vein material was processed, yielding a grade of 4.06 oz./ton. In 1987, a further 5.13 tonnes (5.65 tons) of "M" vein material was processed to produce 9.69 oz. gold at a grade of 1.72 oz./ton. Warrick and Robertson also discovered several other gold-bearing quartz veins in the M-Zone area (Warrick, 1987). Following this program, the operators focused on placer mining along Great Bear and Kate creeks along the eastern flank of the ridge (Map 1).

In 1974, on land currently held by Hartley and Associates adjoining the south boundary of the REEF claims, Great Bear Mining Ltd. conducted surface exploration followed by a diamond drilling program of 625 metres in 19 holes. The claims were sold to Claymore Resources Ltd. (Claymore) in 1975, which conducted soil sampling, trenching and a further diamond drilling program of 696 metres in 18 holes. Results were disappointing and the focus shifted back to placer exploration (Joyce, 2002).

In the 1980s and early 1990s G. S. Hartley conducted percussion drilling, soil sampling and prospecting (Hartley and Almberg, 1994) as part of ongoing placer mining operations. In the late 1980s the Canada Tungsten Mining Corporation conducted placer mining along Swamp and Soya creeks. In the early 1990s Sikanni Oilfield Construction Limited (Sikanni) conducted placer mining across Swamp, Soya and Kenyon creeks. From 1990 to 1996 Sikanni also conducted surface exploration and a small open pit mining operation at "Swede's Pit", extracting 3,200 oz. gold (Joyce, 2002).

In 1995 Barrimundi Gold Ltd. (Barrimundi) entered into an option agreement on the Hartley property, subsequently adding to the initial claim block and eventually holding a land package of 783 claims called the Longline Property. Between 1996 and 2000 Barrimundi conducted surface exploration and a diamond drilling program of 4,616.4 metres in 44 holes (Joyce). These included a 1999 program of 34 holes, 22 holes targeting Swede's Pit and 12 on other targets within the property. The best result from drilling of "Swede's Pit" was 386.6 g/t Au across 0.66m (2.2 feet); the best result from drilling elsewhere was 45.70 g/t Au across 0.2 metres (0.66 feet) (Casselman, 1999). In 1999 Barrimundi entered into an option agreement with Newmont Exploration of Canada Ltd, which conducted an airborne survey and a diamond drilling program of 2,100 metres in 12-holes, before returning the property to Hartley and Associates.

In March 1999 Troymin Resources Ltd. staked the LAD property, consisting of 294 quartz mining claims, and conducted reconnaissance soil and silt geochemical surveying across this land package later that year. Although the LAD claims covered areas mainly north of the present Northeast Block extending to the Yukon-Alaska border, it also covered portions of the Great Bear and Aggie Creek drainages currently held by Moosehorn Exploration. Soil sampling along the north flank of Kate Creek returned anomalous gold values to 136.9 and 83.9 ppb Au respectively from two separate sites, although gold values returned from elsewhere along the traverse were low. The LAD claims were allowed to lapse in 2003 (Yukon Minfile, 2016).

No further records of hard rock exploration after 1987 across the present 2K Gold property are known. Records compiled by the Department of Energy, Mines and Resources, Government of Yukon state that a total of 65,640 oz. gold have been produced by placer mining across the Moosehorn Range from 1978 to 2015; this excludes production prior to 1978.

6 GEOLOGICAL SETTING AND MINERALIZATION

6.1 REGIONAL GEOLOGY

The 2K Gold property is underlain by the 100-112Ma Dawson Range Batholith (mKgW, formerly known as the Klotassin Batholith), a northwest – southeast trending elongate intrusion 300 km in length located wholly within the Yukon-Tanana Terrane (YTT). The YTT consists of mid-Paleozoic to mid-Mesozoic continental arc assemblages emplaced upon a neo-Proterozoic to Lower Paleozoic continental basement (Joyce, 2002, after Mortenson, 1992, Selby et al, 1999). The YTT is comprised of variably deformed metaigneous and metasedimentary rocks, consisting of felsic orthogneiss, pelitic and quartzofeldspathic paragneiss, quartzofeldspathic schist, and mafic to felsic metaplutonic to metavolcanic rocks (Joyce, 2002, after Templeman-Kluit, 1974, Mortenson, 1992, Hart and Langton, 1998). The YTT underwent accretion onto the North American Craton from mid-Permian to Late Triassic time, with the northeast boundary currently marked by the northwest – southeast extending Tintina Fault Zone.

Several arc-related intrusive suites range in age from late Triassic to early Tertiary. The best known is the 110 – 70 Ma Tintina Gold Belt, occurring as an arcuate band of monzonitic, granitic to dioritic intrusions extending from southwest Alaska through the Fairbanks, Alaska and Dawson City, Yukon areas, then southeast to the Yukon-British Columbia border near Watson Lake, Yukon. Individual intrusions of this suite form the host or loci of the majority of intrusion-related mineralization within central Yukon and Alaska.

The Dawson Range Batholith, part of the Whitehorse-Coffee Creek intrusive suite (WCCS) is roughly orogen-parallel and may also be arc-related, although crustal contamination has prevented a definitive understanding of its tectonic setting (Joyce, 2002, after Mortenson, 1992, Selby et al, 1999, Alinikoff et al, 2000 and Mortenson, 2000). Casselman (1999) states that three phases have been recognized: 1. an early foliated hornblende (+/- biotite) granodiorite to quartz-dioritic phase; 2. a phase of massive, equigranular to porphyritic biotite-hornblende granodiorite and quartz-monzonite plutons; and 3. late granodiorite and quartz-diorite porphyry dykes and plugs (Casselman, 1999).

The Dawson Range Batholith roughly marks the northern boundary of a large assemblage of Devonian metaclastic to migmatitic paragneiss of the Scottie Creek Formation (OSD1) with the southwestern boundary of a large package of intermontane Carboniferous to Permian Klondike Schist (PK1), consisting of pelitic and volcanic rocks marked by chloritic quartzite and quartz-muscovite-chlorite schist (Gordey and Makepeace, 2001) (Figure 4). The Klondike Schist assemblage is intercalated with Neoproterozoic to Devonian Snowcap Assemblage (PDS1) metaclastics and quartzites, as well as Permian Sulphur Creek Group (PqS) K-spar augen orthogneiss and granitic orthogneiss. Large fault-bounded packages of Upper Cretaceous Carmacks Group (uKC3) rhyolite to dacite and local basal clastic strata occur within the YTT stratigraphy northeast of the Dawson Range Batholith.

The southern boundary of the Dawson Range Batholith is in contact with quartzose psammites (ODS) of the Scottie Creek Formation, and Devonian – Mississippian White River Formation (DMW2) felsic meta-igneous rocks. Somewhat southeast of the 2K Gold property, the Dawson Range Batholith is overlain by small units of Paleocene to Eocene Rhyolite Creek Group (PrC2) intermediate to mafic volcanic rocks. The property itself is entirely underlain by various phases of the Dawson Range Batholith (Casselman, 1999).

Table of Formations

The following Table of Formations outlines the major lithologies in the district-scale area, including the Moosehorn Range. These are included in Figure 7, Regional Geology Map.

Table 2: Table of Formations, West-central Yukon*

Abbreviation	Name	Age	Description
PRC2	Rhyolite Creek	Paleocene – Lower Eocene	Andesitic Volcanics
mKgW	Whitehorse Suite (Dawson Range Batholith)	Mid-Cretaceous	Biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite
PgS	Sulphur Creek	Middle Permian	Mod – strongly foliated biotite-quartz-monzonite gneiss
PK3	Klondike Schist	Carboniferous - Permian	Silvery-grey muscovite-chlorite-quartz phyllite
PK1	Klondike Schist	Carboniferous - Permian	Tan to rusty and black-weathering muscovite and/or chloritic quartzite and quartz-muscovite-chlorite schist
PDS1	Snowcap Assemblage	Neoproterozoic – Devonian?	Metaclastics, quartzites
ODS1	Scottie Creek	Ordovician – Lower Devonian	Metaclastics, paragneiss, migmatites

* Adapted from Yukon Geological Survey (2016). Yukon Digital Bedrock Geology.

Regional Structural Setting

On a regional scale, the dominant structural orientation is northwest-southeast, indicated by major transpressional fault zones that mark the boundaries of accreted terranes. The most notable of these is the Tintina Fault Zone, with a 450-km dextral offset and marking the boundary between the YTT accreted terrane to the southwest with the Ancient North American Craton to the northeast. Roughly 110 km south of the Moosehorn Range, the Shakwak Fault, also known as the Denali Fault, marks the southwestern boundary of the YTT with another accreted terrane, the Windy-McKinley Terrane, which was emplaced along the YTT. The YTT and Windy-McKinley are the oldest of several accreted terranes extending southwest towards the Alaskan shoreline, each separated by a major transpressional fault. Seismic activity increases towards the southwest, related to successively more recent collisional events of accreted terranes.

Regional stratigraphic orientation tends to be subparallel to this fault lineation. The orientation of the Dawson Range Batholith, combined with many of the larger YTT assemblages, is northwest-southeast. This orientation may be arc-related, a setting supported by the NNW – SSE trend of the Tintina Gold Belt intrusions in Yukon and southeast Alaska.

On a district scale, two other lineations become apparent, marked by orientation of drainages and visible from regional airborne surveys, air photo interpretation and satellite imagery. One is a roughly north-south orientation, indicated by several local drainages, particularly Lesaux (Claymore) Creek directly east of the Moosehorn Range, and the North Ladue River north of the range. The other is a northeast-southwest orientation marked by smaller local drainages, including Kate Creek and Great Bear Creek. Casselman (1999) identified the north-south faults as the dominant linear and stated that the northeast-

southwest and northwest-southeast structures may be splays related to these (Casselman, 1999). Joyce (2002) describes the presence of two north-south trending magnetic anomalies derived from regional aeromagnetic surveying: a linear magnetic high interpreted as a dyke extending north from Kate Creek, and a linear magnetic low, suggesting a fault, extending north from the headwaters of Kenyon Creek. Joyce also states that east-central Alaska hosts northeast-southwest striking, steeply dipping sinistral faults exceeding 100 km in length (Joyce, 2002, after Page et al, 1995, McCoy et al, 1997 and Newberry et al, 1998).

Plotting of the "First Vertical Derivative" derived from government regional airborne magnetometer surveys also indicates a strong NNW – SSE trending lineation, with individual linears extending northward from the Kenyon Creek headwaters and Kate Creek drainage respectively (Figure 5).

6.2 PROPERTY GEOLOGY

Outcrop exposure is sparse across the property, with the exception of the Roo Creek area. The following description is based on the 2002 Masters Thesis by Joyce on the former Longline property area directly south of the 2K Gold property.

Excerpts from Master's Thesis, Joyce, 2002

The 2K Gold property and surrounding area is underlain mainly by the dominant phase of massive, equigranular to porphyritic hornblende-biotite granodiorite, referred to as the Moosehorn Range Granodiorite (MRG). Joyce states that this includes sub-phases of massive to foliated biotite +/- hornblende granodiorite. Joyce determined an average modal mineralogy from thin section analysis of the undeformed portions of the MRG as 20-35% quartz, 25-45% plagioclase, 10-20% K-feldspar, 10% hornblende and minor magnetite, pyrite, titanite, epidote, allanite and chlorite. Along the Moosehorn Range ridgeline, mafic porphyritic enclaves and xenoliths of amphibolite, metapelite and gneiss suggest this portion of the MRG formed near the roof of the magma chamber (Joyce, 2002). Foliation orientation, where present, strikes NNW-SSE, and dips from 50^{o} - 90^{o} to the east. A unit of mylonitic granodiorite identified west of Kenyon Creek has a similar modal mineralogy, but with significantly more sericite, chlorite, allanite and epidote, but lacking titanite.

The MRG is crosscut by mafic and felsic dykes at several locations in the Moosehorn Range. Southwest of the main ridgeline, strongly foliated porphyritic biotite granodiorite dykes are common, whereas southeastern portions of the range are marked by massive to strongly foliated mafic and felsic porphyritic quartz diorite dykes (Figure 6). Granodiorite dykes are typically less than 15 metres thick, whereas porphyritic quartz diorite dykes, which tend to be somewhat more mafic, range from a few metres to 300 metres in thickness. All porphyritic dykes have a similar rare earth elemental signature, suggesting they may be comagmatic. Dyke orientations are variable, but tend to strike roughly SW-NE, dipping moderately to steeply northwest.

Fine grained siliceous felsite dykes to 5 metres in thickness and containing up to 10% phenocrysts, also occur in the project area. Hydrothermally altered phases are pervasively sericitized and pyritized, and locally contain abundant carbonate and minor muscovite. These steeply dipping dykes have been mapped as striking N-S, E-W and NE-SW.

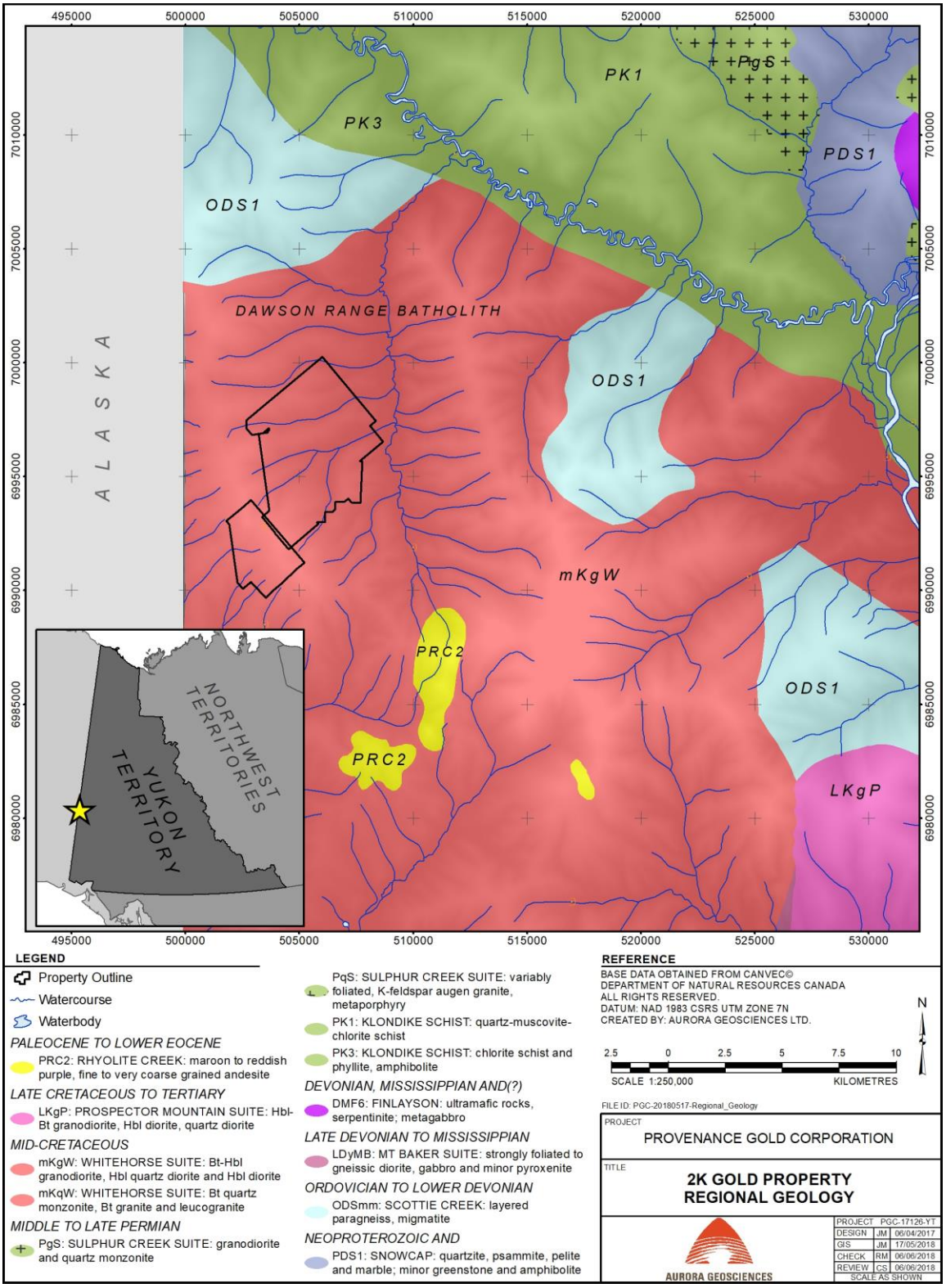


Figure 4: Regional Geology, Moosehorn Range area

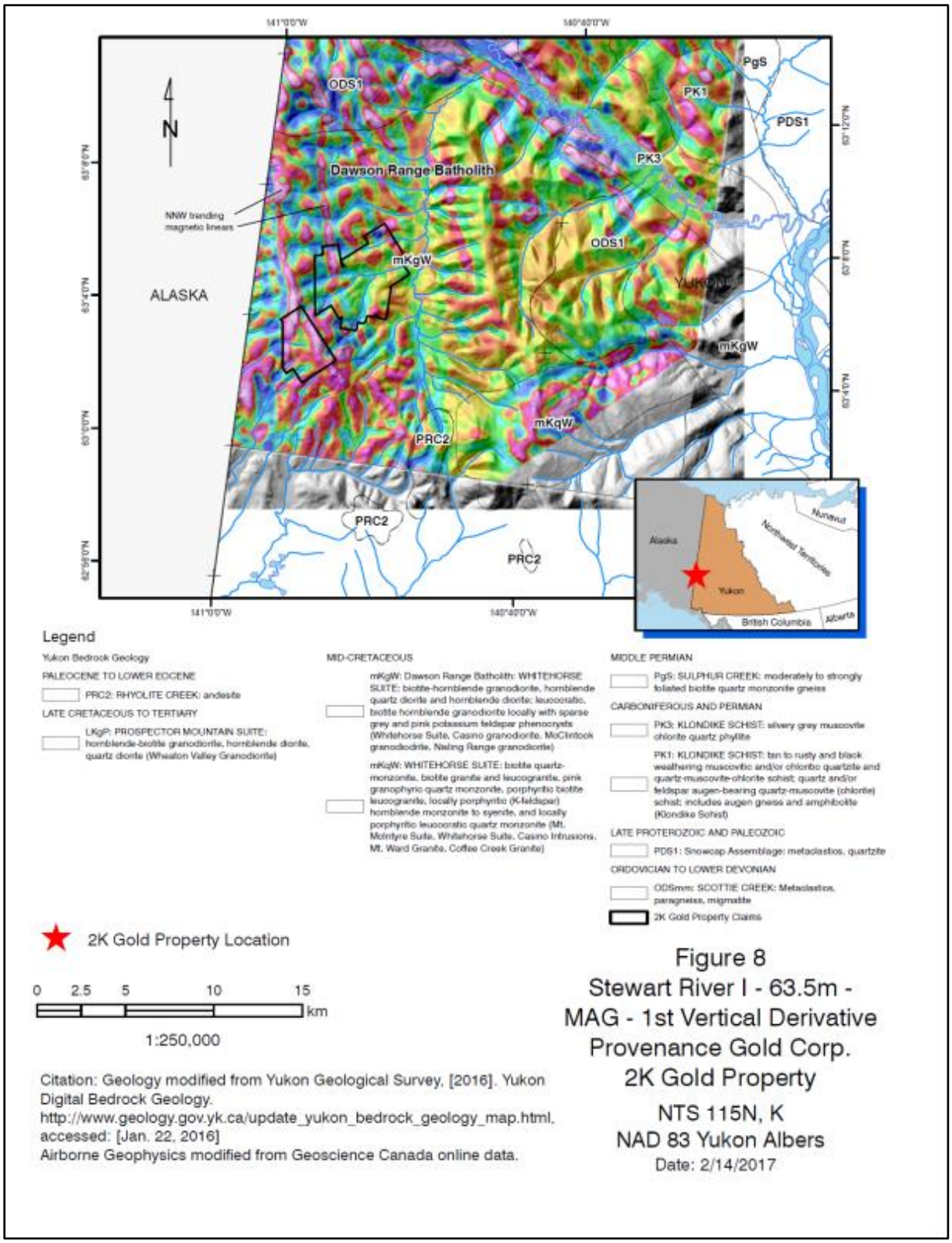


Figure 5: Regional First Vertical Derivative Magnetic Signature

Aplite dykes having variable orientations crosscut all granodioritic and porphyry units, although no contacts between these and the felsite dykes have been observed. These pink to cream-coloured dykes range in thickness from 2 cm to several metres, and commonly include pegmatitic zones, particularly along dyke margins. White and pink dykes and plugs of quartz monzonite and alaskite are common in northwestern areas of the Moosehorn Range and may be related to aplites and pegmatites elsewhere but have a significantly higher plagioclase content.

Mafic dykes, typically fine grained and consisting of black to grey-green basalt and andesite, are the youngest dykes in the Moosehorn Range. These range from 1 cm to tens of metres in thickness; the thicker units tend to strike south-southwest, dipping moderately to steeply to the north-northwest. Spatial relationships between these and felsite dykes indicate both were emplaced along the same fracture sets. The majority are in turn cut by quartz-carbonate veinlets (Joyce, 2002).

Results of 2017 Geological Mapping

Mapping in 2016 revealed that the Kenyon Creek area is underlain mainly by decrepitated medium to coarse-grained equigranular hornblende diorite, with minor fine-grained north-south trending metre-scale mafic dykes. A cursory visit to the M-Pit area to the east revealed the presence of abundant large remnant boulders of similar non-decrepitated granodioritic rock. The lack of glaciation indicates these are part of a regolith of underlying granodioritic rocks of the Dawson Range batholith.

In 2017, property-wide mapping revealed the scarcity of bedrock and rubblecrop, with the main foci being the Kenyon Creek and upper Great Bear Creek areas, including “Roo Gulch”, a “left” tributary of the latter. Hornblende granodiorite of the Dawson Range batholith underlies most of the property, with the exception of the northern area including the Moosehorn airstrip, which is underlain by Ordovician to Devonian-aged Scottie Creek Formation (ODS1) metasediments comprising biotite-muscovite-quartz +/- feldspar gneiss.

The entire Kenyon Creek area, including a “right” tributary, is underlain by decrepitated hornblende granodiorite, with more competent granodiorite occurring along the northwestern tributary channel. Narrow zones of limonitic decrepitated granodiorite occur in the main placered area, and locally exhibit both dextral and sinistral offsetting. North-south to NNW-SSE trending centimeter to metre-scale mafic dykes have been exposed by placer mining in the eastern excavated area (Figure 7), particularly towards the southeastern boundary. Rare felsic dykes to 0.35 metres in width occur in the Kenyon Creek area.

In the Kenyon Creek area, centimetre-scale quartz-manganese +/- sulphide veins show highly variable orientations, with a with a slight tendency towards NNW-SSE striking, gently to moderately east to ENE-dipping orientations. In contrast, the majority of barren quartz veins are SE-NW striking and steeply SW dipping. Fracture and joint measurements do not indicate preferential orientations.

Bedrock is exposed along much of Roo Gulch; however, no preferred structural orientation can be discerned from vein measurements. Joint measurements are predominantly north-south striking, and variably east and west dipping.

Measurements of shear structures across the Kenyon and Roo Creek areas indicate the presence of two lineations: one trending roughly north-south and variably east and west-dipping; the other trending WNW -ESE, and steeply NNE-dipping. The former is approximately coincident with district-scale magnetic linears

extending across the Moosehorn Range area; the latter is subparallel to regional-scale stratigraphy and major lineaments.

Figure 6: Hornblende granodiorite, minor pegmatitic dyke

Figure 7: Sheeted dykes and fractures, decrepitated granodiorite, Kenyon Creek area

501500 502000 502500 503000 503500 504000 504500 505000 505500 506000 506500 507000 507500 508000 508500 509000 509500 510000 510500

6998000 6997500 6997000 6996500 6996000 6995500 6995000 6994500 6994000 6993500 6993000 6992500 6992000 6991500 6991000 6990500 6990000

LEGEND

Structural Measurements

- Fault
- Dyke
- Foliation
- Fracture
- Joint
- Qtz-Mn+/-sulph vn
- Qtz-vn

Geology Units

MRG (mKqd): Dawson Range Batholith (after Joyce, 2002):

Porphyritic quartz-diorite dykes with phenocrysts of plagioclase, hornblende, biotite, local quartz

MRG (mKgw): Dawson Range Batholith:

Biotite +/- Hornblende Granodiorite, massive to locally foliated, white-grey

ODS1?: Scottie Creek Formation? (after Joyce, 2002):

Biotite-muscovite-quartz +/- feldspar gneiss, grey-buff, brown weathering

Alteration

Decrepitated MRG biotite-hornblende granodiorite:

Local fracture foliation, easily broken to coarse sand by sand

Limonitic Decrepitated MRG biotite-hornblende granodiorite:

Moderate-strong limonization, associated with increased quartz and quartz-manganese veining and silicification

Topography and Base Data

- Watercourse
- Forested Area
- Waterbody

REFERENCE

BASE DATA OBTAINED FROM CANVECD
DEPARTMENT OF NATURAL RESOURCES
CANADA ALL RIGHTS RESERVED.
DATUM: NAD 1983 UTM ZONE 7N
CREATED BY: AURORA GEOSCIENCES LTD.

N

150 0 150 300 450 600 750

SCALE 1:10,000 METRES

FILE ID: PGC-20170718-Prelim_Geo_Structure

PROJECT: PROVENANCE GOLD CORP.
2017 PHASE 1 RESULTS

TITLE: **GEOLOGY MAP**
2K PROPERTY

AURORA GEOSCIENCES

REVISION	PGC-1705-01	
DESIGN	AM	08/04/2017
DRAWN	AM	08/07/2017
CHECK	NB	08/08/2018
APPROVE	NB	08/08/2018
PROJECT	PGC-1705-01	

6.3 MINERALIZATION

By 2016, two significant distinct mineralized settings had been identified on the 2K Gold property: mesothermal gold and silver-bearing quartz veining, with vein widths to 0.4 metres; and epithermal mineralization, including centimetre-scale, locally gold-bearing quartz veins within altered, limonitic granodiorite.

Mesothermal mineralization is typified by the M-Zone prospect east, and uphill of, the headwaters of Kenyon Creek (Figure 9, H-Grid area). The M-Zone area, centered on the M Vein discovered in 1974 along the ridgeline of the Moosehorn Range, consists of several narrow quartz veins, ranging from 1 cm to 1 m in width, and marked by banded galena, arsenopyrite, stibnite and galena. Visible gold is abundant and locally coarse. The host rock is a coarse-grained, roughly equigranular granodiorite belonging to the main phase of massive biotite granodiorite (Phase 2) described by Casselman. Placer excavation at Kenyon Creek has exposed many boulders of mineralized mesothermal quartz up to 20 cm in thickness, commonly banded with visible gold noted in several samples.

Several large mineralized mesothermal quartz boulders to 1 m in width and 15 cm in thickness occur along the access road west of the Kate Creek camp. These occur at the centre of the "H-Grid" soil geochemical grid (Figure 16), which was designed to detect any soil geochemical signatures marking the source of these boulders. Several smaller, more widely scattered boulders of mesothermal quartz occur along Roo Gulch and the 2017 placer operations along Great Bear Creek.

The epithermal setting is marked by centimetre-scale sugary to drusy quartz veining within areas of moderately decrepitated, strongly limonitic quartz diorite. At the Kenyon Creek workings, an exposure of altered granodiorite with minor quartz veining revealed by recent placer excavation was sampled in 2016, returning a value of 122.5 g/t gold with 12.7 g/t silver (Schulze, 2017). Panning of altered granodiorite revealed several millimetre-scale gold nuggets. A roadcut east of the main trenched area also revealed many centimetre-scale limonitic and manganese-enriched quartz veins within larger areas of decrepitated limonitic granodiorite. Similar veining, locally sheeted, as well as sheeted fracture and shear zones, also occur in the northern part of the Kenyon Creek placer workings, which also host more aerially extensive zones of decrepitated limonitic quartz monzonite (Figure 10).

Detailed mapping at Kenyon Creek also revealed several NNW – SSE trending shear zones marked by limonitic gouge and strong argillic (clay) alteration, commonly associated with sub-metre scale limonitic fine grained mafic dykes. Mapping also indicated areas of abrupt termination of flat-lying centimeter-scale mafic dykes by vertical fault zones, suggesting late normal faulting following dyke emplacement.

Figure 9: Sample E5667960, banded mesothermal quartz vein, H-Grid area

Figure 10: Limonitic epithermal mineralization, decrepitated granodiorite, Kenyon Creek area

Figure 11: Flat-lying veining truncated by normal fault, Kenyon Creek area

7 EXPLORATION

The 2017 exploration program comprised two phases: a Phase 1 of geological mapping, grid and ridge-and-spur soil geochemical sampling, silt geochemical sampling, and some rock geochemical sampling; followed by a Phase 2 diamond drilling program of 1,836 metres in 12 holes at the Kenyon Creek and Great Bear Creek areas.

7.1 PHASE 1 EXPLORATION

The soil geochemical program comprised two major grids: the Kenyon Creek and Kate Creek grids; a smaller grid, the "H-Grid", centered on several large angular boulders of mesothermal quartz; and several ridge-and-spur soil traverses. The Kate and Kenyon Creek grids comprised flagged east-west oriented lines measured by GPS, at a nominal 100-metre line spacing and a sample spacing of 50 metres. The H-Grid has a 50-metre line spacing and 25-metre station spacing, with a 100-metre line spacing at the northern and southern boundaries. The ridge-and-spur traverses also utilized a 50-metre station spacing. A total of 1,640 soil samples were collected in 2017.

Silt sampling was completed along Aggie Creek, both upper forks of Kate Creek, Roo Gulch and the headwaters area of Swamp and Soya Creeks. A total of 51 silts were obtained in 2017. Rock samples were

taken where warranted by mineralization, alteration and/or sample lithology. A total of 70 rock samples were collected in 2017.

Rock Sample Results

In the Kenyon Creek area, composite grab and specific composite grab sampling of centimeter-scale quartz-manganese veins returned moderately anomalous gold values from 0.066 to 0.597 g/t (Figures 14 and 15). Several elevated values were taken from the uphill side of the roadcut directly east and uphill of the area undergoing active placer mining. Elevated gold values are associated with anomalous arsenic values from 0.172 to 0.779%, although base metal and other pathfinder values are not significantly elevated. Samples taken of decrepitated, limonitic granodiorite returned low to background gold values, with the exception of a sample of strongly microfractured granodiorite, which returned 0.477 g/t Au. A composite grab sample of cockscomb-style quartz-carbonate veining in bedrock near the 2016 high grade rock chip sample returned a value of 4.893 g/t Au, 449 ppm As, 842 ppm Pb, 238 ppm Zn and 6 ppm Sb.

Sampling of proximal mesothermal quartz vein boulders in the Kenyon Creek area returned high gold values, ranging from 9.077 g/t Au with 2.4 g/t Ag, >1.0% As and 17 ppm Sb; to 37.3 g/t Au with 8.715 ppm (0.8715%) As, 3,701 ppm Pb, 1,875 ppm Zn, 25.7 ppm Ag and 565 ppm Sb.

A bedrock sample of white quartz vein material taken along a “right” tributary of Kenyon Creek returned a gold value of 0.119 g/t Au and 306 ppm As. A nearby float sample of strongly altered limonitic granodiorite returned a value of 0.141 g/t Au and 5,824 ppm As.

Sampling of three large proximal float boulders at the centre of the H-Grid returned gold values ranging from 0.537 g/t Au with 97.3 g/t Ag, >1.0% Pb, 1,108 ppm Zn, 4,471 ppm (0.4471%) As, 215 ppm Sb and 0.071 g/t Pd; to 8.098 g/t Au with >100.0 g/t Ag, 7,299 ppm Pb, 3,530 ppm Zn, 5,757 ppm As, >2000 ppm (>0.200%) Sb and 0.156 g/t Pd. A fourth grab sample of a float boulder somewhat to the north returned a value of 9.755 g/t Au with 24.2 g/t Ag, 7,600 ppm Pb, 64 ppm Zn, >1.0% As, >2,000 pp, Sb and <2 ppb Pd. Prospecting along the road within the H-Grid area revealed fairly abundant proximal float of mesothermal quartz veins.

A sample in the H-Zone area showed a distinct alteration and sulphide mineral assemblage, consisting of a stockwork of centimeter-scale quartz veins within a strongly altered granodiorite hosting fine-grained disseminated pyrite and arsenopyrite. This style of mineralization is unique among all samples collected in 2017 and is distinct from the mesothermal quartz veins (Figure 13). This sample returned a value of 4.858 g/t Au, 9.6 g/t Ag, 219 ppm Pb, 5,765 ppm Zn, >1.0% As and 44 ppm Sb.

Elsewhere, a composite grab sample of granodiorite float fragments at the headwaters of Soya Creek returned an anomalous gold value of 0.134 g/t, 369 ppm As, and background base and pathfinder element values. Along an un-named creek north of the Moosehorn airstrip, a 0.1-metre chip sample of quartz veining in rubblecrop of foliated biotite granodiorite returned a value of 0.357 g/t Au,1.8 g/t Ag, and 1,352 ppm As.

Results of MSFA (“Bulk Sample”) Analysis

A total of eleven samples were re-analyzed by “Metallic Screen Fire Assay” (MSFA) analysis, during which a sample of roughly 500 grams is passed through a 150-mesh screen, producing a coarse “+ fraction” and fine “- fraction”. These fractions are subsequently weighed and analyzed separately for gold by fire assay;

then the weighted averages of the two values are recombined for a total gold value. This process typically provides a more accurate gold value, as there is no loss of gold in the coarse fraction.

Of the eleven samples, two were taken from mesothermal quartz vein float in the Kenyon Creek area. Both returned higher gold values than from "normal" 50-gram fire assay analysis. Specifically, Sample #R22610 returned an MSFA value of 55.56 g/t Au, compared with the "original" value of 37.3 g/t, and Sample #R22615 returned an MSFA value of 20.75 g/t Au compared to the original value of 19.3 g/t Au. Sample R22614, of quartz-carbonate veining near the 2016 high-grade sample, returned an MSFA value of 4.69 g/t Au compared with an original value of 4.893 g/t Au; this is the only MSFA Au value lower than the original value.

Sample #RF5667960, taken from the H-Grid, returned an MSFA value of 11.06 g/t Au, compared to an original value of 8.098 g/t Au. Sample #RF5667961, also from the H-Grid, returned an MSFA value of 0.56 g/t Au, compared with an original value of 0.537 g/t Au.

Sampling of epithermal material in the Kenyon Creek area returned significantly higher gold values from MSFA analysis compared to 50-gram fire assay analysis. Specifically, Sample RB22605, of altered granodiorite, returned an MSFA value of 1.70 g/t Au compared to an original value of 0.477 g/t Au. Sample RB22617, of epithermal quartz veining, returned an MSFA value of 1.47 g/t Au, compared with an original value of 0.597 g/t Au. One sample, #RB22611, was selected to test for MSFA results of very low-grade material; this returned an MSFA value of 0.07 g/t Au compared to the original value of 0.013 g/t Au. Two other samples returned sub-detection (<0.05 g/t Au) MSFA values, following near-background original values.

Sample R22613, of mesothermal quartz vein material taken elsewhere in the Moosehorn Range, returned an MSFA value of 174.46 g/t Au, compared to an original value of 149.500 g/t Au.

Figure 12: Sample RB22617, 0.597 g/t Au, Epithermal Quartz-Manganese Vein, E of Kenyon Ck placer

Figure 13: Sample R950461, 4.857 g/t Au; Quartz veins in altered, mineralized granodiorite, H-Grid

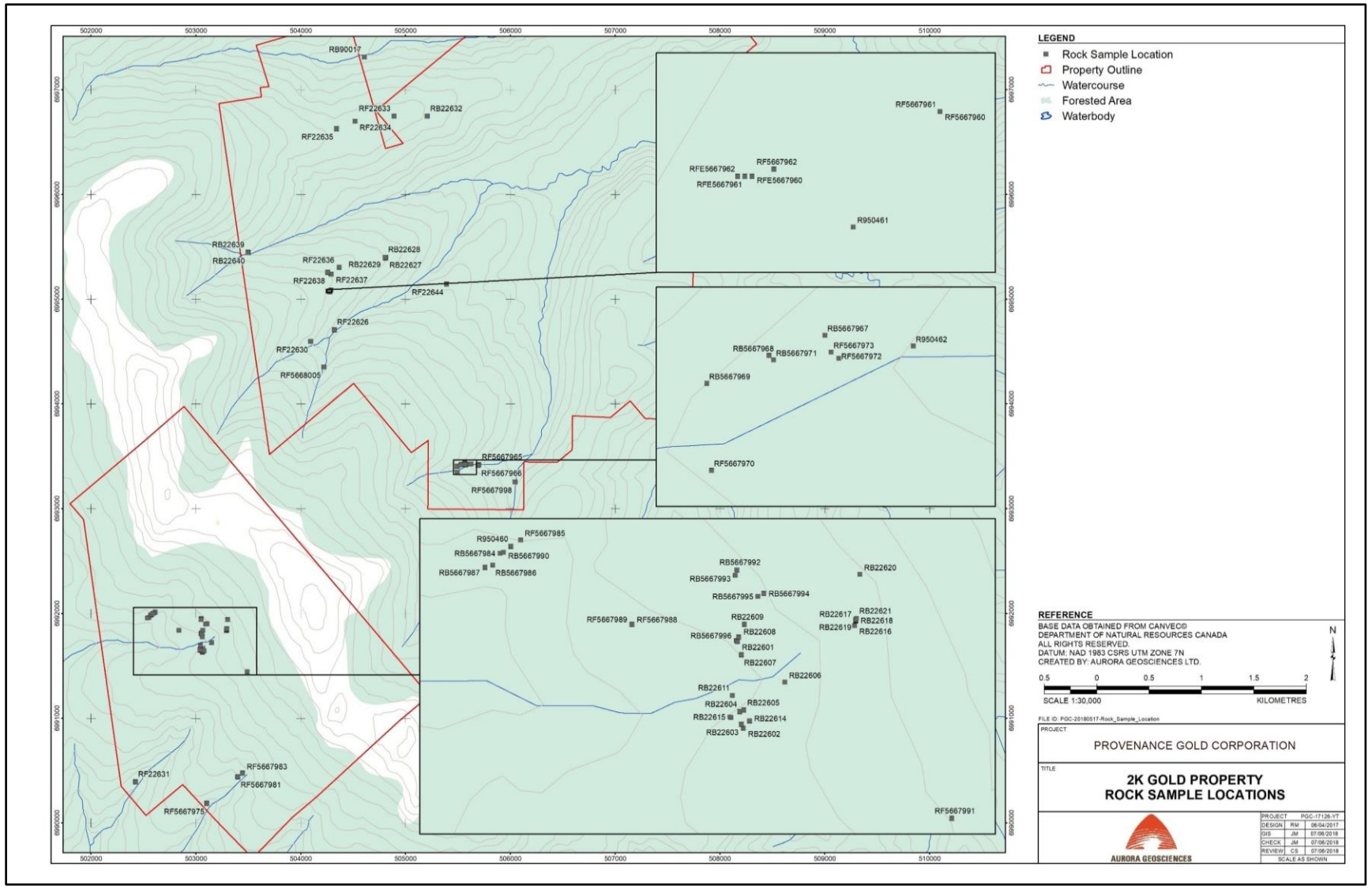


Figure 14: Rock Sample Location Map, 2K Gold property

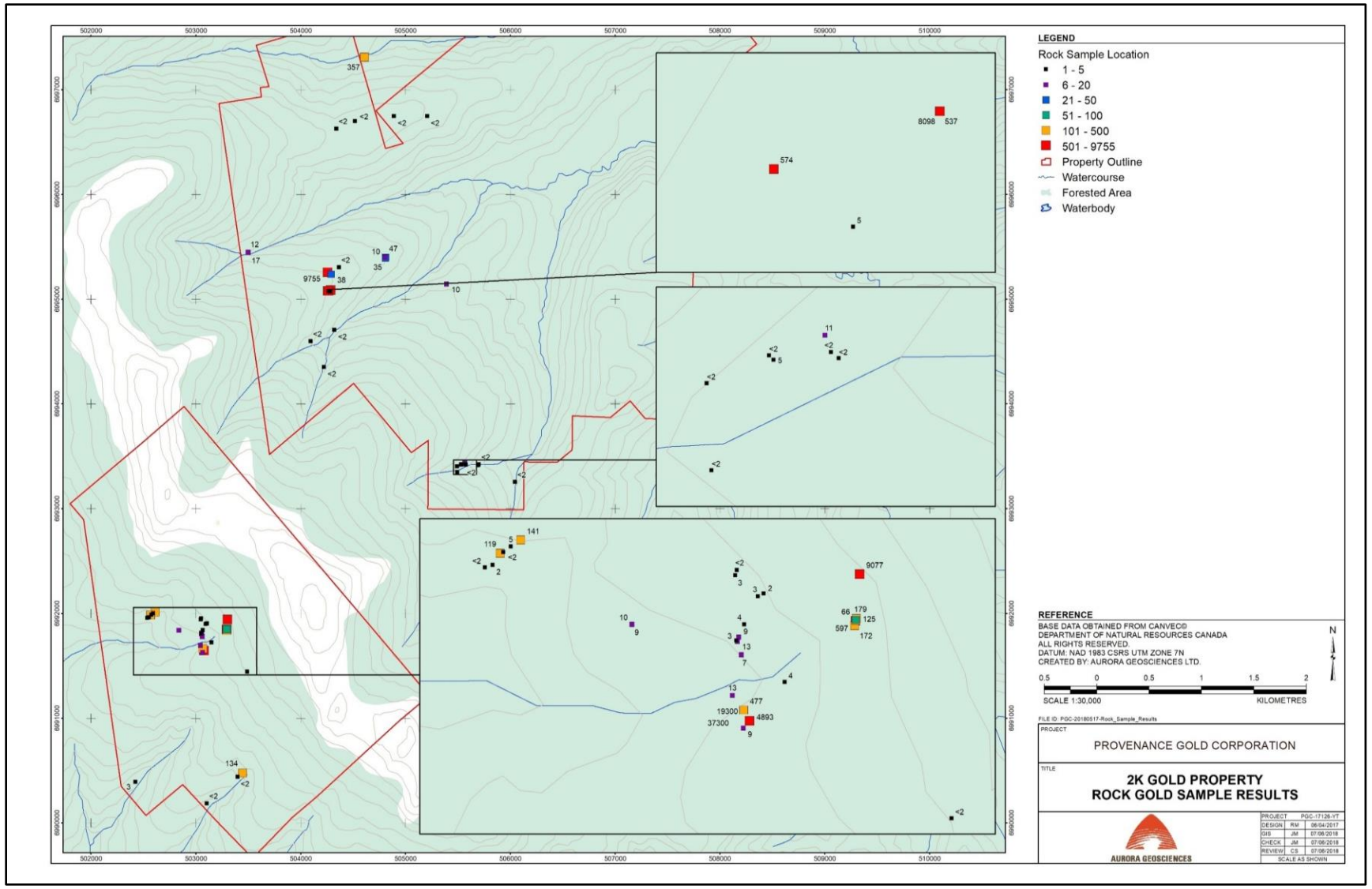


Figure 15: Rock sample results, 2017 Program

Soil Sample Results

Soil sampling across the Kenyon Creek grid returned sporadic high gold values exceeding 100 ppb Au to a maximum of 575 ppb Au (Figures 17 and 18). The exception is a single gold value of 1,217 ppb Au from the disturbed area at the eastern, uphill limit of past placer excavation. The most consistently anomalous gold-in-soil values were returned from the vicinity of the "right" tributary of Kenyon Creek, where the anomalous values of 0.119 and 0.41 g/t Au were returned from rock sampling. Sampling along the south margin of the grid near the headwaters of Swamp Creek returned anomalous values of 0.915 and 0.441 g/t Au, respectively. Anomalous gold values do not show a strong correlation with arsenic, although anomalous gold values near Swamp Creek show a somewhat increased correlation.

Sampling across the Kate Creek grid returned isolated anomalous values exceeding 10 ppb (0.100 g/t) Au, to a maximum of 266 ppb Au. The exception is a value of 425 ppb Au taken from the extreme northwest corner; samples taken downslope returned moderately anomalous values also. Plotting of As values revealed anomalous values along the ridgeline southeast of Kate Creek, although no significant anomalies were returned elsewhere on this grid.

Sampling along the "H-Grid" did not reveal significantly anomalous gold values, although weakly elevated values were returned near the three large float boulders (Figure 19). Plotting of arsenic values revealed a northwest – southeast trend of anomalous values east of the three large boulders. A separate float boulder returning 9.755 g/t Au lies directly along trend (Figure 20).

No significant gold values were returned from ridge-and spur soil sampling, although anomalous arsenic values were returned from the soil line near the Moosehorn airstrip. Two consecutive gold values exceeding 20 ppb were returned from the AR line north of Aggie Creek.

Silt Sample Results

Silt sampling in 2017 returned anomalous gold values of 50 ppb (0.050 g/t) with 93 ppm As along the upper reaches of the east arm of Kate Creek, and of 95 ppb Au with 45 ppm As at the headwaters of Roo Gulch (Figures 21 and 22). No other significant base metal or pathfinder element values were returned from these two samples.

The highest gold value returned was 367 ppb (0.367 g/t) Au from the southernmost sample along Soya Creek. Further upstream silt sampling returned three moderately anomalous values of 32, 28 and 28 ppb Au respectively, with no significantly elevated base metal or pathfinder element values. The only other anomalous value was 22 ppb Au with 82 ppb As from the upper portion of Swamp Creek, although most silt samples along Swamp Creek returned weakly elevated Au values and moderately elevated As values from 41 to 114 ppm As.

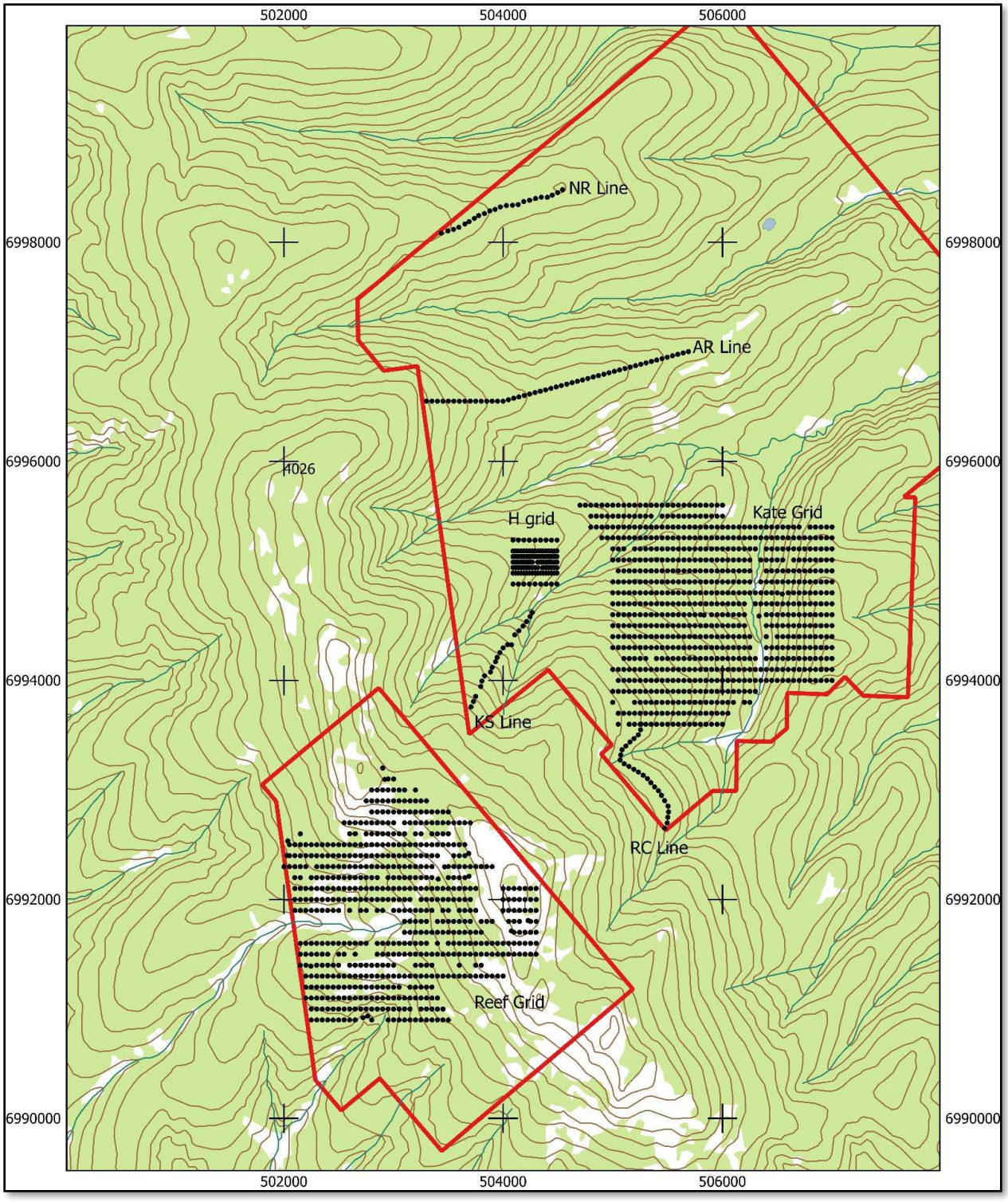
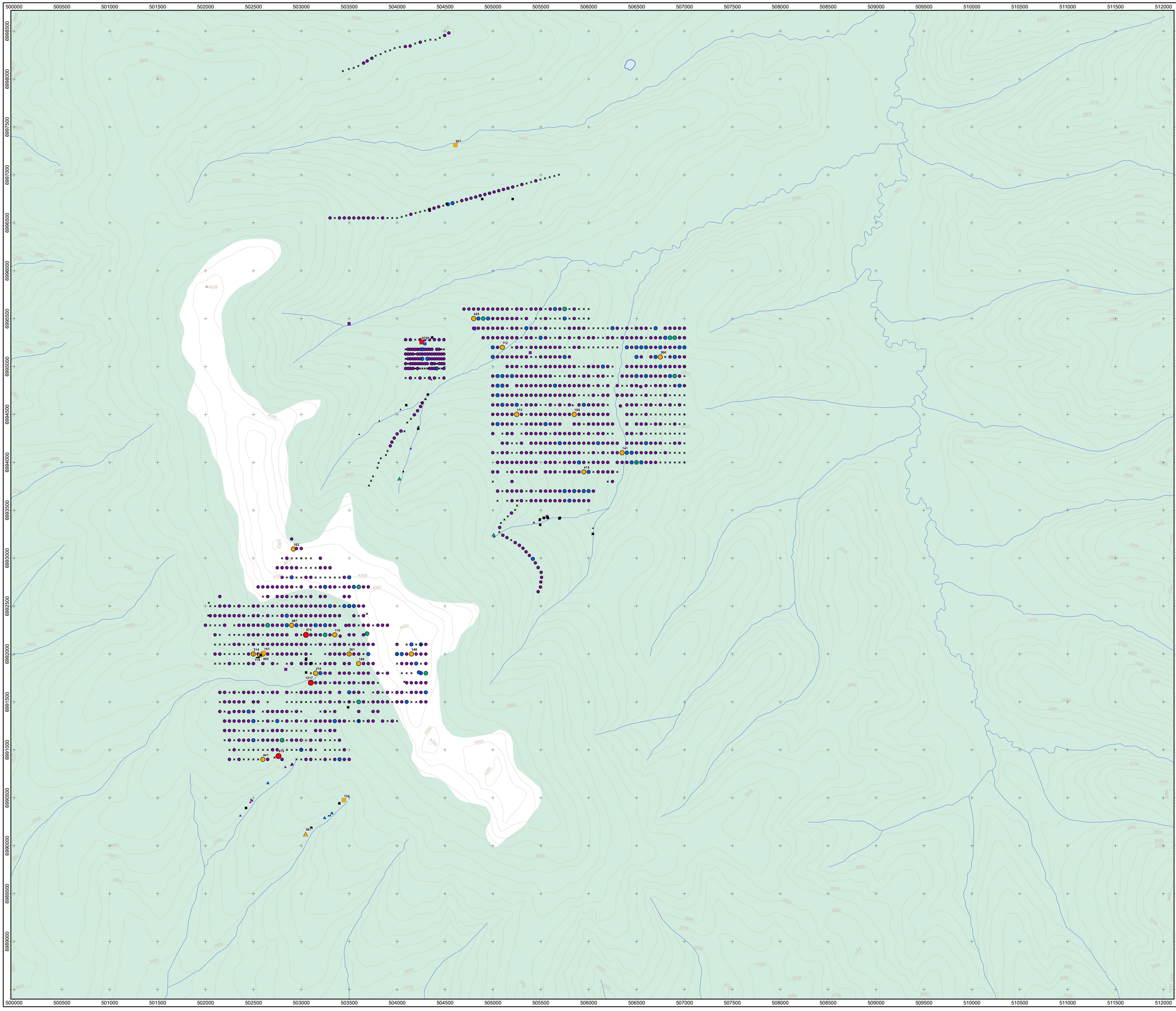


Figure 16: Soil Sample Location map



LEGEND

Rock Sample Results - Au (ppb)
- 1 - 5
- 6 - 19
- 20 - 49
- 50 - 99
- 100 - 499
- 500 - 9755

Silt Sample Results - Au (ppb)
- 5 - 10
- 11 - 19
- 20 - 49
- 50 - 99
- 100 - 367

Soil Sample Results - Au (ppb)
- 1 - 5
- 6 - 19
- 20 - 49
- 50 - 99
- 100 - 499
- 500 - 1217

Elevation Point - ft
Elevation Contours - ft
Creeks and Streams
Lakes and Rivers
Vegetation

REFERENCE

NTS 115N02
BASE DATA OBTAINED FROM CANVEC© DEPARTMENT OF NATURAL RESOURCES CANADA.ALL RIGHTS RESERVED.
DATUM: NAD 1983 CSRS UTM ZONE 7N
CREATED BY: AURORA GEOSCIENCES LTD.

N

200 100 0 200 400 600 800 1,000

SCALE 1:12,500 METRES

FILE ID: PGC-20170607-Overview_Map

PROJECT
PROVENANCE GOLD CORP.

TITLE
GOLD SAMPLE RESULTS

AURORA GEOSCIENCES

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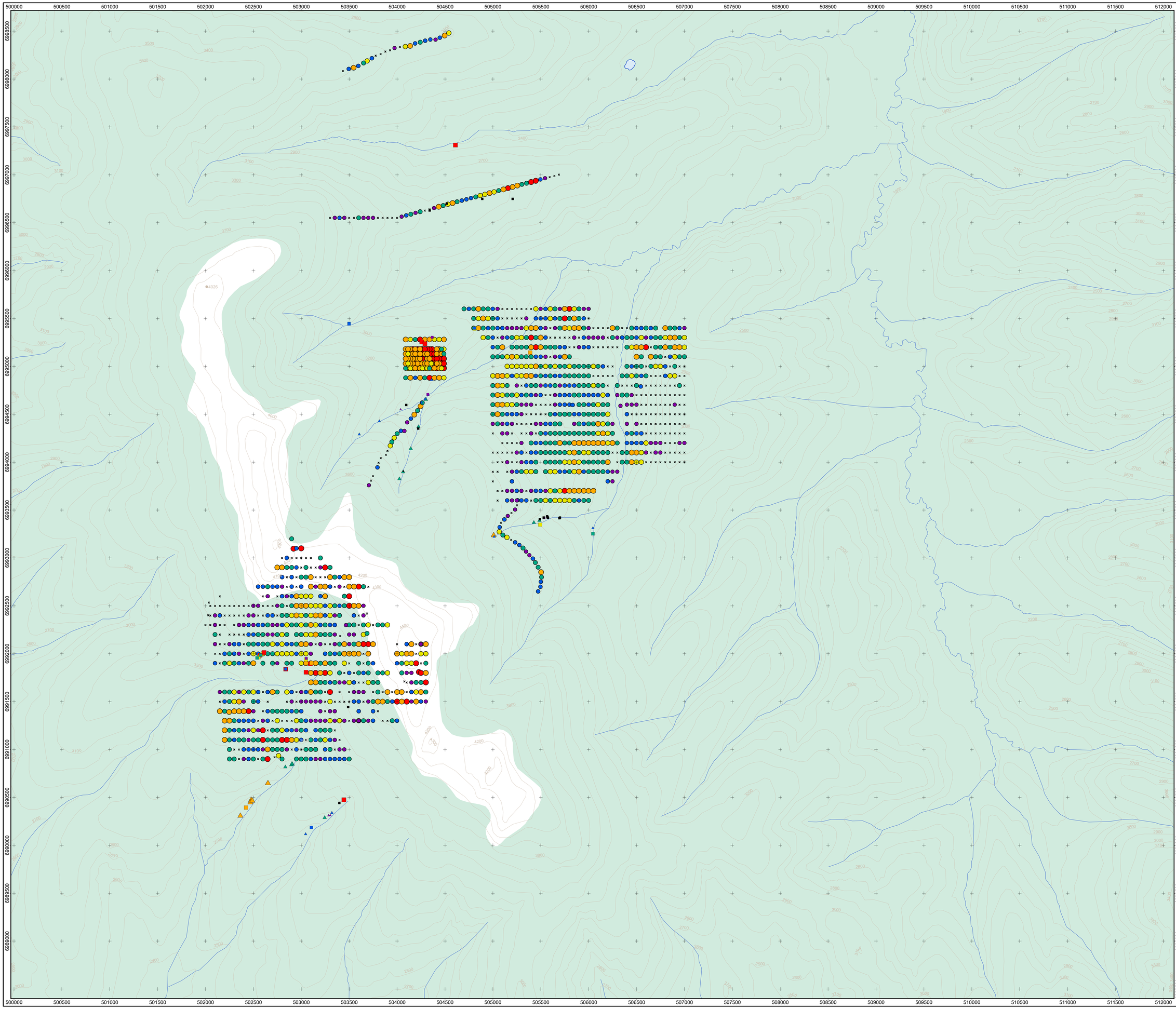
CHECK	JM	2017/06/21
APPROVE	KS	2017/06/21
GOLD XS 237025		



LEGEND

Rock Sample Results - As (ppm)
- 1 - 10
- 11 - 15
- 16 - 25
- 26 - 50
- 51 - 75
- 76 - 200
- 201 - 20000

Silt Sample Results - As (ppm)
- 4 - 10
- 11 - 15
- 16 - 25
- 26 - 50
- 51 - 75
- 76 - 114

Soil Sample Results - As (ppm)
- 1 - 10
- 11 - 15
- 16 - 25
- 26 - 50
- 51 - 75
- 76 - 200
- 201 - 1046
- Elevation Point - ft
- Elevation Contours - ft
- Creeks and Streams
- Lakes and Rivers
- Vegetation

REFERENCE

NTS 115N02
BASE DATA OBTAINED FROM CANVEC©
DEPARTMENT OF NATURAL RESOURCES
CANADA ALL RIGHTS RESERVED.
DATUM: NAD 1983 CSRS UTM ZONE 7N
CREATED BY: AURORA GEOSCIENCES LTD.

N

200 100 0 200 400 600 800 1,000

SCALE 1:12,500 METRES

FILE ID: PGC-20170607-Overview_Map

PROJECT
PROVENANCE GOLD CORP.

TITLE
ARSENIC SAMPLE RESULTS

AURORA GEOSCIENCES

PROJECT	PGC-170607-01	
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GIS	JM	07/06/2017
CHECK	RM	08/06/2017
REVISION 0	KB	08/06/2017
SCALE AS SHOWN		

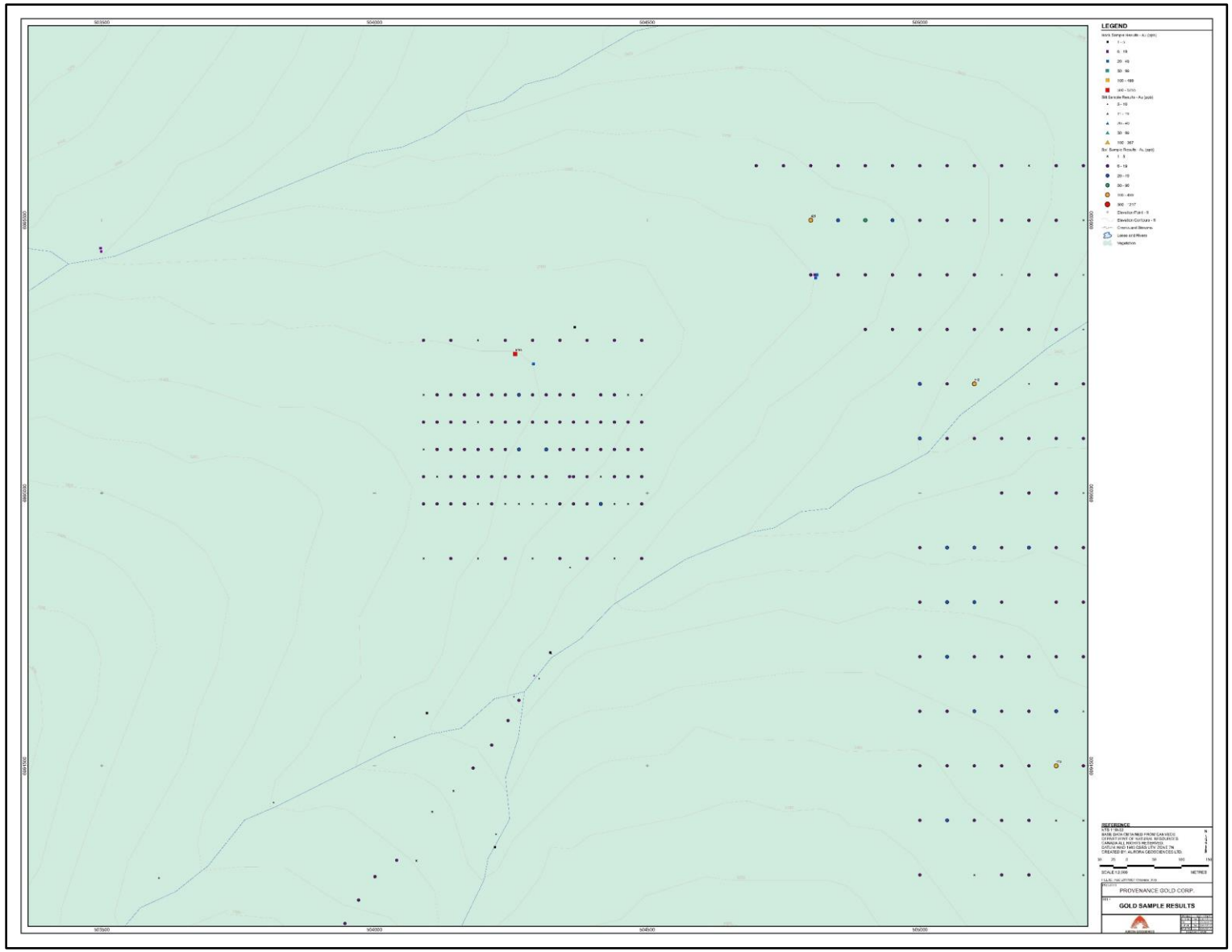

Figure 19: Gold-in-soil geochemical values, H-Grid

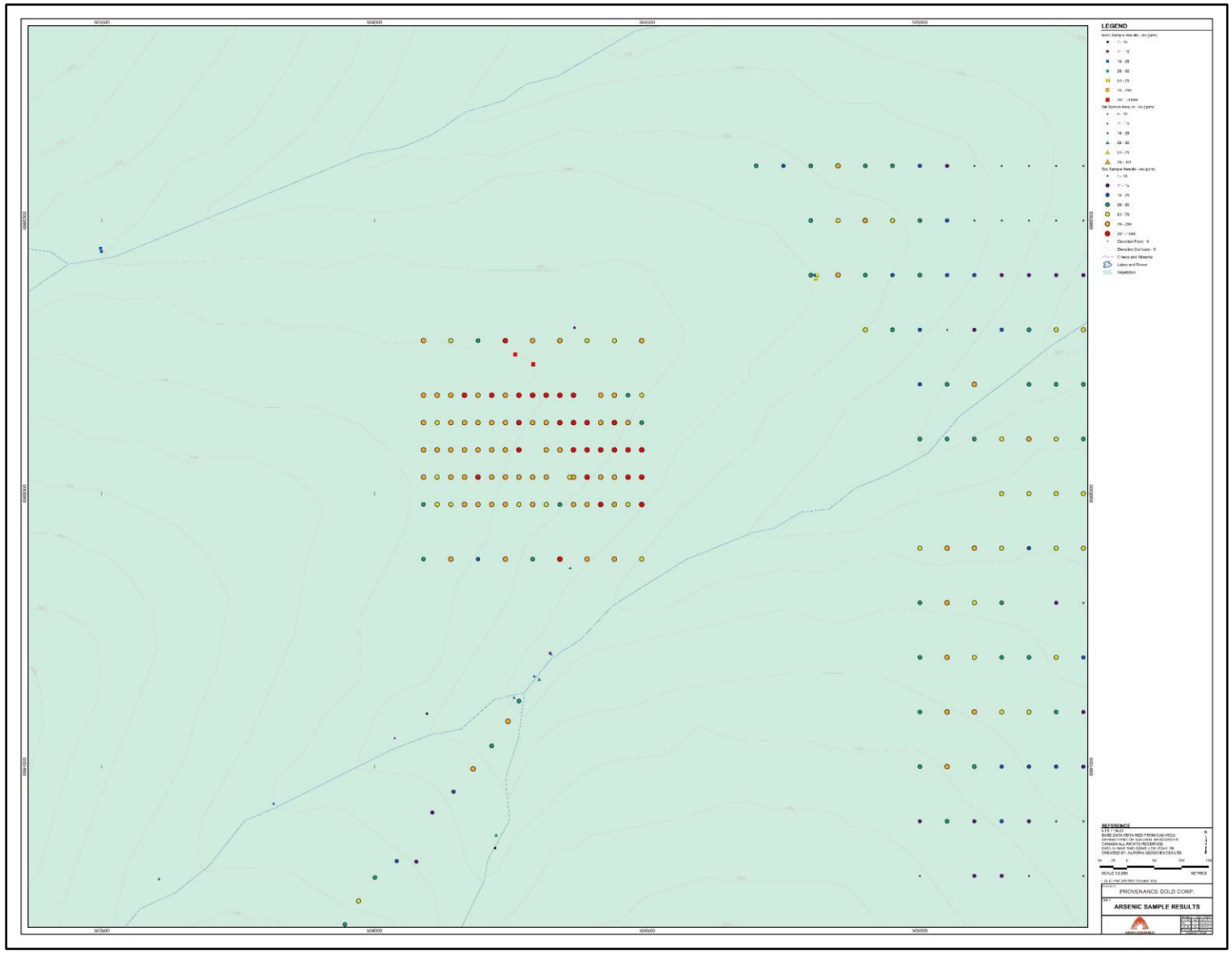

Figure 20: Arsenic-in-soil geochemical values, H-Grid

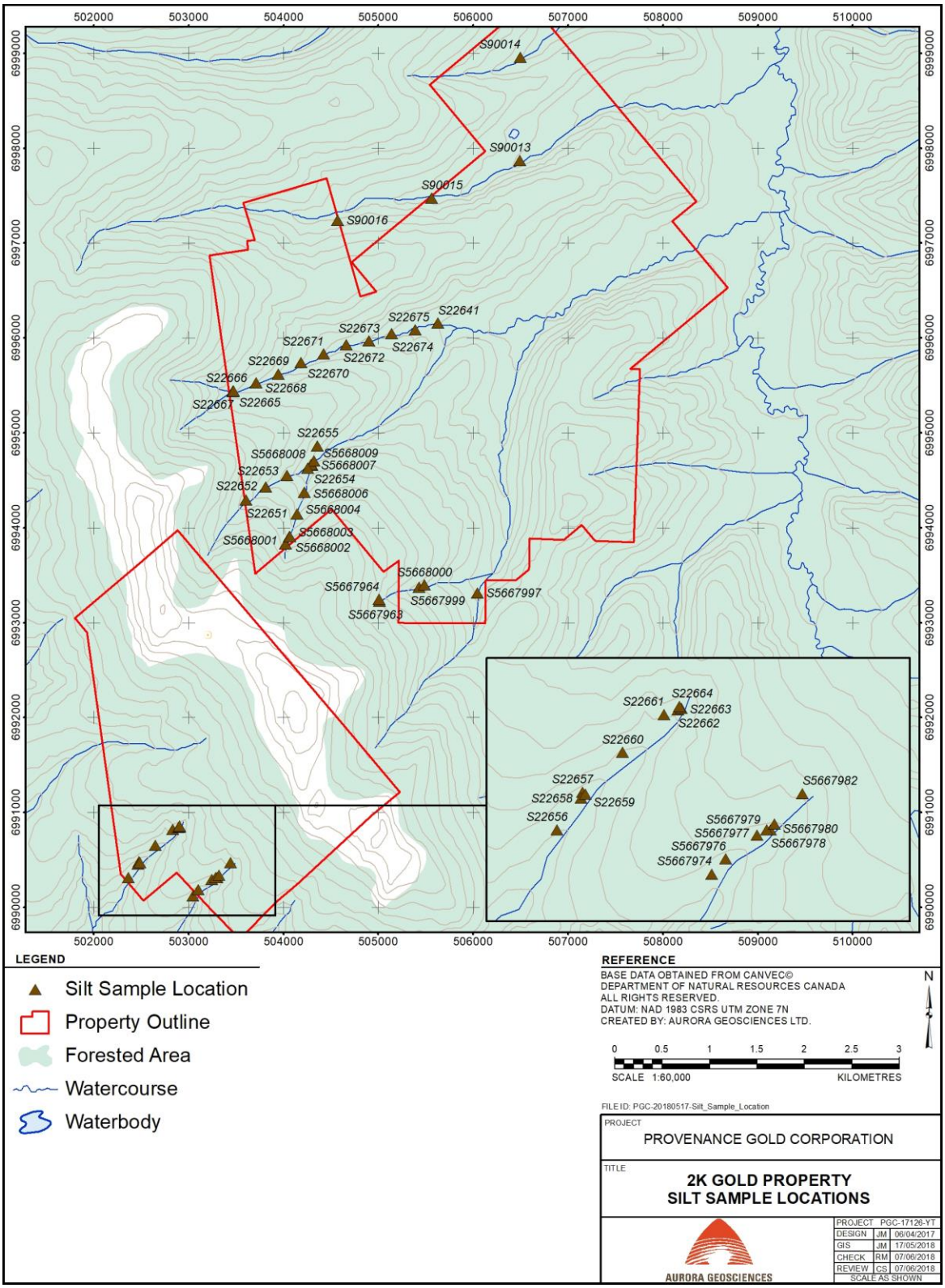

Figure 21~~21~~: 2017 Silt Sample Location Map

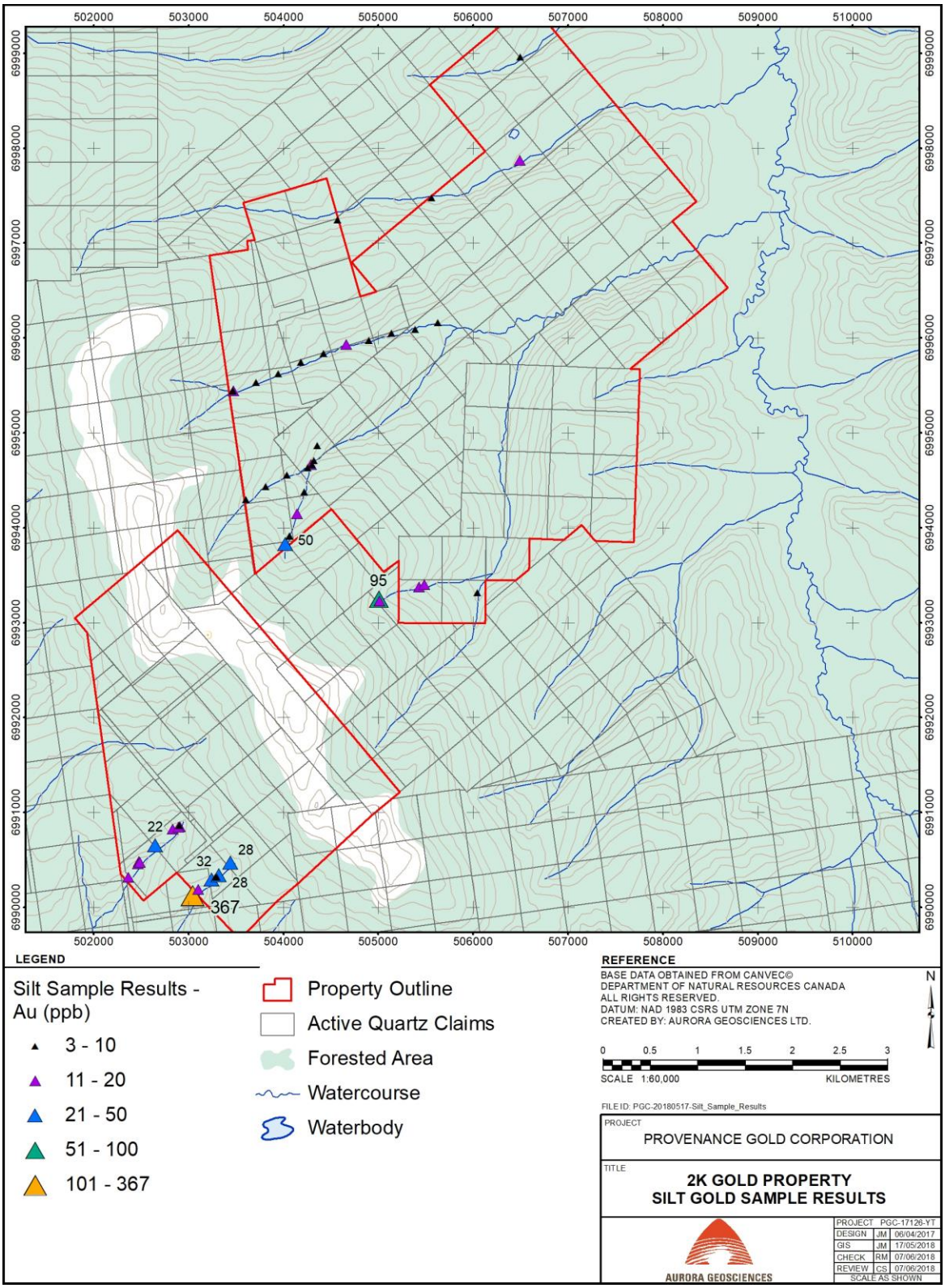

Figure 22: 2017 Gold-In-Silt Geochemical Values, 2017 Program

7.2 DIAMOND DRILLING

The Phase 2 diamond drilling program comprised 1,836m in 12 holes, focusing on the Kenyon Creek and Great Bear Creek areas. Holes 2K17-01, 2K17-02a, 02b and 2K17-03 through 07 were collared in the active and recently worked portion of the Kenyon Creek placer mining; Holes 2K17-08 and 2K17-09 were collared along the "right" tributary to the northwest, and Holes 2K17-10 through 2k17-12 were collared along the east bank of Kate Creek. Collar data is listed in Table 3; collar locations are shown in Figure 23, cross sections are shown in Figures 27 - 32 and drill logs are listed in Appendix 3.

As of May, 2018, assay results had been received for Holes 2K17-01 through 2K17-04, and most of Hole 2K17-05. Results for the bottom of Hole 2K17-05 and all remaining holes are still pending.

Table 3: Drill Collar Data, 2017 Program

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	EOH	Comments
	(NAD 83)	(NAD 83)	(m)	(o)	(o)		
DDH 2K17-01	503091	6991635	1096	290	-60	114	High-grade target
DDH 2K17-02a	503052	6991656	1094	290	-45	120	Main N-S epithermal trend
DDH 2K17-02b	503052	6991656	1094	110	-50	107	Fence to W along 2K17-02a
DDH 2K17-03	503018	6991829	1086	090	-45	111	North area, Kenyon Creek workings
DDH 2K17-04	503018	6991829	1086	270	-45	201	Same set-up as DDH 2K17-03
DDH 2K17-05	502956	6991674	1083	290	-45	152	Trench sampled, re-assayed in 2016
DDH 2K17-06	503047	6991749	1092	090	-60	105	Central Kenyon Ck area
DDH 2K17-07	503047	6991749	1092	270	-60	200	Same collar as DDH 2K17-03
DDH 2K17-08	502561	6991990	1030	050	-50	171	"Right" tributary NW of Kenyon Ck.
DDH 2K17-09	502530	6991954	1031	050	-50	99	"Right" tributary NW of Kenyon Ck.
DDH 2K17-10	506331	6994395	731	265	-50	174	Great Bear Creek
DDH 2K17-11	506331	6994395	731	085	-50	129	Same set-up as DDH 2K17-10
DDH 2K17-12	506361	6994297	702	265	-50	153	Great Bear Creek, S of above
					Total:	**1836**	

DDH-2K17-01

Hole 2K17-01 was collared directly east of the high-grade epithermal gold occurrence towards the southern boundary of the Kenyon Creek placer excavations. The hole intersected decrepitated granodiorite to a depth of 16.5m, followed by more competent granodiorite to the end of hole at 99.5m. Minor mafic dykes were intersected from 16.5 – 16.8m and from 30.7 – 31.7m.

Abundant quartz veining in fairly competent core was intersected from 10.7 – 11.6m, bounded by an overlying clay-rich seam from 11.3 – 11.7m (Figure 24). The quartz rich interval returned a value of 0.468 g/t Au including 0.8 g/t Ag and elevated Pb across 0.9 metres. A 2.0-metre interval of clay-altered decrepitated granodiorite returned a value of 0.046 g/t Au from 13.66 to 15.66m. A 0.38-metre interval of altered granodiorite returned 0.051 g/t Au and 1,068 ppm As from 33.32 – 33.70m.

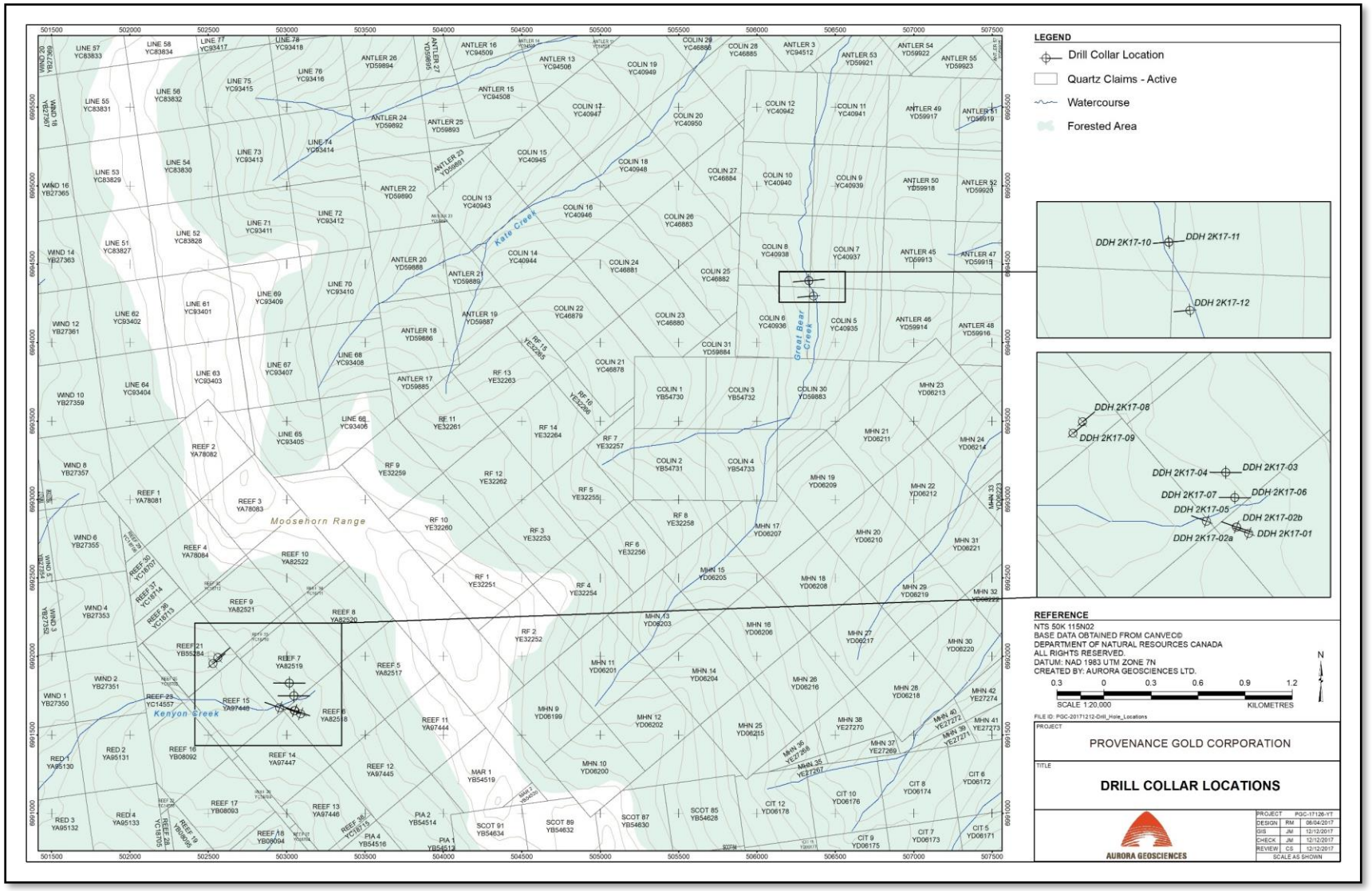

Figure 23: Diamond Drill Hole Locations, 2017 Program

Figure 24: Epithermal quartz veining, down-dip extension of high grade surface sample, DDH 2K17-01

DDH-2K17-02a

Hole 2K17-02 was collared to the west, along section of Hole 2K17-01 (Figure 27). This hole intersected decrepitated granodiorite to a depth of 18.5 m, and increasingly competent granodiorite below that to the end-of-hole at 120.0m. A shear zone with clay alteration was intersected from 52.0 – 53.0m. No significant metal values were returned from this hole.

DDH-2K17-02b

Hole 2K17-02b was collared at the same site as Hole 2K17-02a and drilled along section in the opposite direction (Figure 27). The hole intersected decrepitated granodiorite to a depth of 12.5m, a mafic dyke from 12.5 to 14.0 metres, and increasingly competent granodiorite from 14.0m to the end of hole at 107.0m. Although no significant intercepts were returned, elevated gold values associated with sub-centimetre scale quartz-arsenic veining returned values to a maximum of 0.051 g/t Au with 1,326 ppm As across 1.80m from 71.4 to 73.2m.

DDH 2K17-03

Holes 2K17-03 and 2K17-04 were collared from a common collar site and drilled in opposite directions along a common section oriented at 090° – 270° (Figure 28). The hole intersected decrepitated granodiorite from 0.0 to 15.2m, a mafic dyke from 15.2 – 17.6m, and increasingly competent granodiorite from 17.6m to the end of hole at 111.0m. Another mafic dyke was intersected from 49.2 – 50.4m. No

significant intercepts were returned, although a value of 0.069 g/t Au and 2,507 ppm As across 1.55 metres was returned from 78.45 - 80.00m.

DDH 2K17-04

Hole 2K17-04 intersected decrepitated granodiorite from 0.0 – 13.0m, and competent granodiorite from 13.0m to the end of hole at 201.0m. The only notable intercept is a 0.69-metre interval from 195.53 to 196.22m, grading 0.230 g/t Au. A 1.26-metre intercept from 75.17 – 76.43m hosting centimeter-scale quartz veining and scorodite staining returned a value of 0.046 g/t Au with 403 ppm As.

DDH 2K17-05

Hole 2K17-05 was collared farther west along the same section as Holes 2K17-01, 02a and 02b (Figure 27). The hole intersected decrepitated granodiorite to a depth of 9.5m metres, and more competent granodiorite from 9.5m to the end of hole at 155.0m. No significant gold values were returned, although assay results from 146.16m to the end of hole are pending. A total of 84 out of 89 samples have been analyzed.

DDH 2K17-06

Holes 2K17-06 and 07 were collared from a common collar site and drilled in opposite directions along a common section oriented at 090° – 270° (Figure 29). The hole intersected decrepitated granodiorite from 0.0 – 15.0m, and increasingly competent granodiorite from 15.0m to the end of hole at 105.0m. A mafic dyke was intersected from 29.1m – 30.4m. Minor millimeter-scale fracturing, with adjacent scoroditic staining and silicification, occurs at various locations down-hole, particularly from 69.8 to 70.2m. Assays are pending.

DDH 2K17-07

Hole 2K17-07 intersected decrepitated granodiorite from 0.0 – 15.5m, and competent granodiorite from 15.5m to the end of hole at 203.0m. Assays are pending.

DDH 2K17-08

Holes 2K17-08 and 2K17-09 were collared along the west side of the small “right” tributary of Kenyon Creek northwest of the main placered area (Figure 30). The two holes have the same azimuth of 050° and can be considered roughly along a common section.

Hole 2K17-08 intersected competent granodiorite along its entire strike length of 171.0m. Abundant fine grained mafic dykes were intersected from 30.7m to 84.5m and again from 138.9 to 146.0m. Contacts with the granodiorite returned measurements predominantly from 30° to 50°, suggesting sub-vertical dyke orientations. Dyke orientations for the lower set range from 75° to 80°, indicating these are NW-SE striking and SW dipping. Assays are pending.

DDH 2K17-09

Hole 2K17-09 intersected decrepitated granodiorite from 0.0 to 11.0m and competent granodiorite from 11.0m to the end of hole at 99.0m. A fine grained mafic dyke was intersected from 21.3 – 24.8m; abundant fine grained mafic dykes with sharp contacts and limited to no wallrock alteration were intersected from 55.3 to 91.0m. Assays are pending.

DDH 2K17-10

Holes 2K17-10 and 2K17-11 were collared from a common site slightly east of Great Bear Creek and drilled along section at opposite azimuths of 085° and 265°, respectively (Figure 31). Hole 2K17-10 intersected decrepitated granodiorite from 0.0 – 11.0m, and granodiorite from 11.0m to the end of hole at 174.0m. This hole intersected an 8-cm banded mesothermal vein at 13.6-13.7m (Figure 25). An intercept of silica and sericitic alteration, with sharp contacts, extends from 71.9m – 74.5m and hosts abundant millimeter-scale veins and fractures roughly normal to core axis. Small pegmatite dykes are common from surface to 53.6m, the largest extending from 23.5m – 24.5m, and 36.0m – 37.0m. Millimetre to centimeter-scale banded quartz +/- arsenopyrite veins are common from 127.0m to 155.6m and are associated with bleaching, sericitic alteration and weak scoroditic staining. Rare banded quartz-sulphide veining, including the aforementioned mesothermal vein, occurs to a depth of 22.0 m (Figure 25).

Figure 25: Banded Quartz Vein, DDH 2K17-10, 13.6m

DDH 2K17-11

Hole 2K17-11 intersected decrepitated granodiorite from 0.0 – 13.3m, followed by competent granodiorite from 13.3 to the end of hole at 129.3m. Fine grained mafic dykes with sharp contacts are

common from 13.3m – 29.0m. Pegmatite dykes were intersected from 69.6m – 71.1m and are common from 98.6m – 124.5m.

DDH 2K17-12

Hole 2K17-12 intersected granodiorite intercalated with decrepitated granodiorite to a depth of 25.8m, followed by competent granodiorite from 25.8m to the end of hole at 153.0m (Figure 32). The hole intersected a mafic dyke from 15.9 – 16.8m, and abundant pegmatite dykes from 70.1m to 103.3m. Fairly abundant centimetre-scale banded quartz-sulphide veining extends from 63.9 – 78.8m within variably bleached, sericitic altered and weakly scoroditic granodiorite (Figure 26). Bleaching and sericitic alteration extends from 78.8 – 115.5m.

Figure 26: Banded quartz veining, DDH 2K17-12, 72.5 - 74.3m

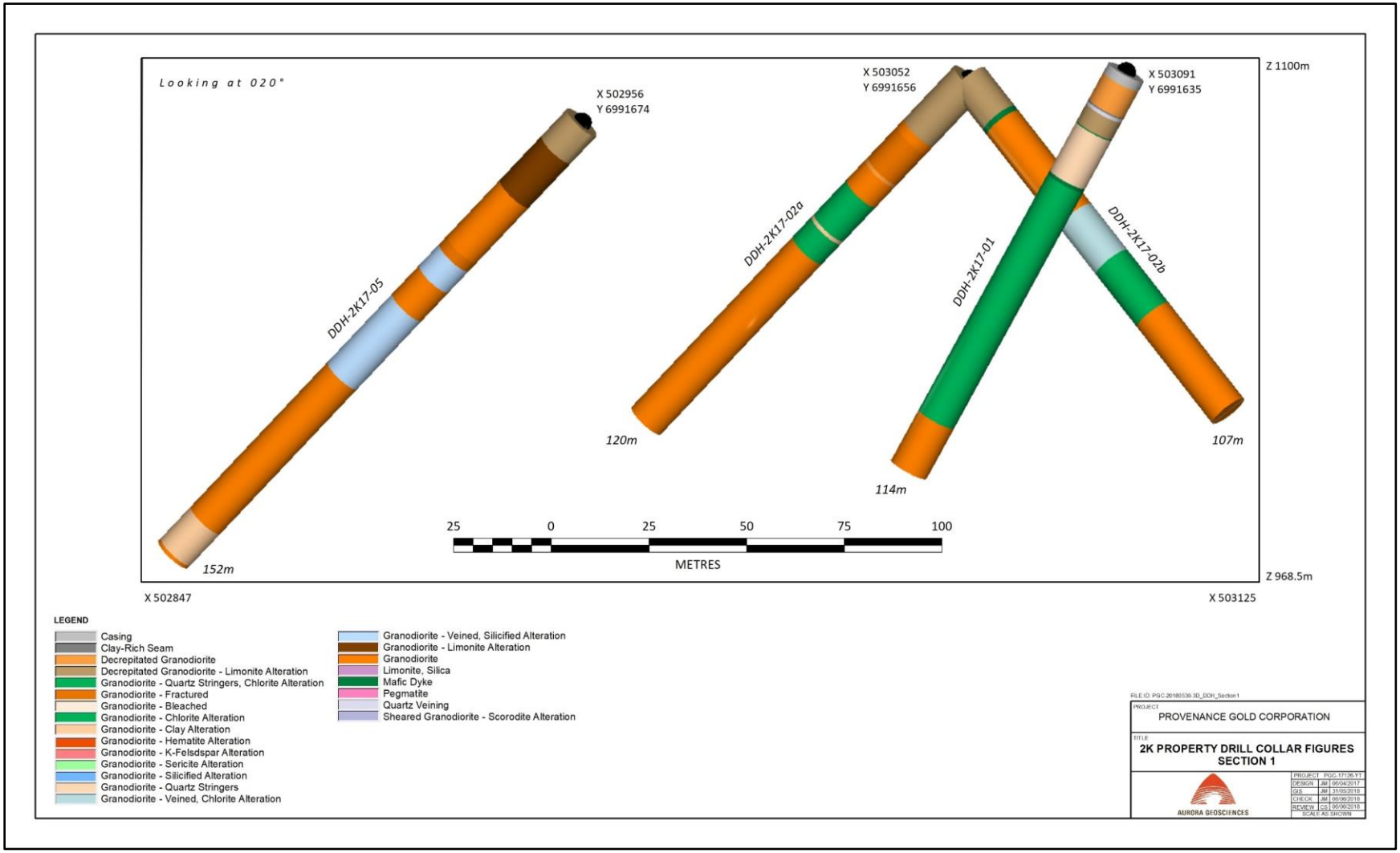

Figure 27: Section 1, DDH 2K17-01, 2K17-02a, 2K-1702b, 2K17-05

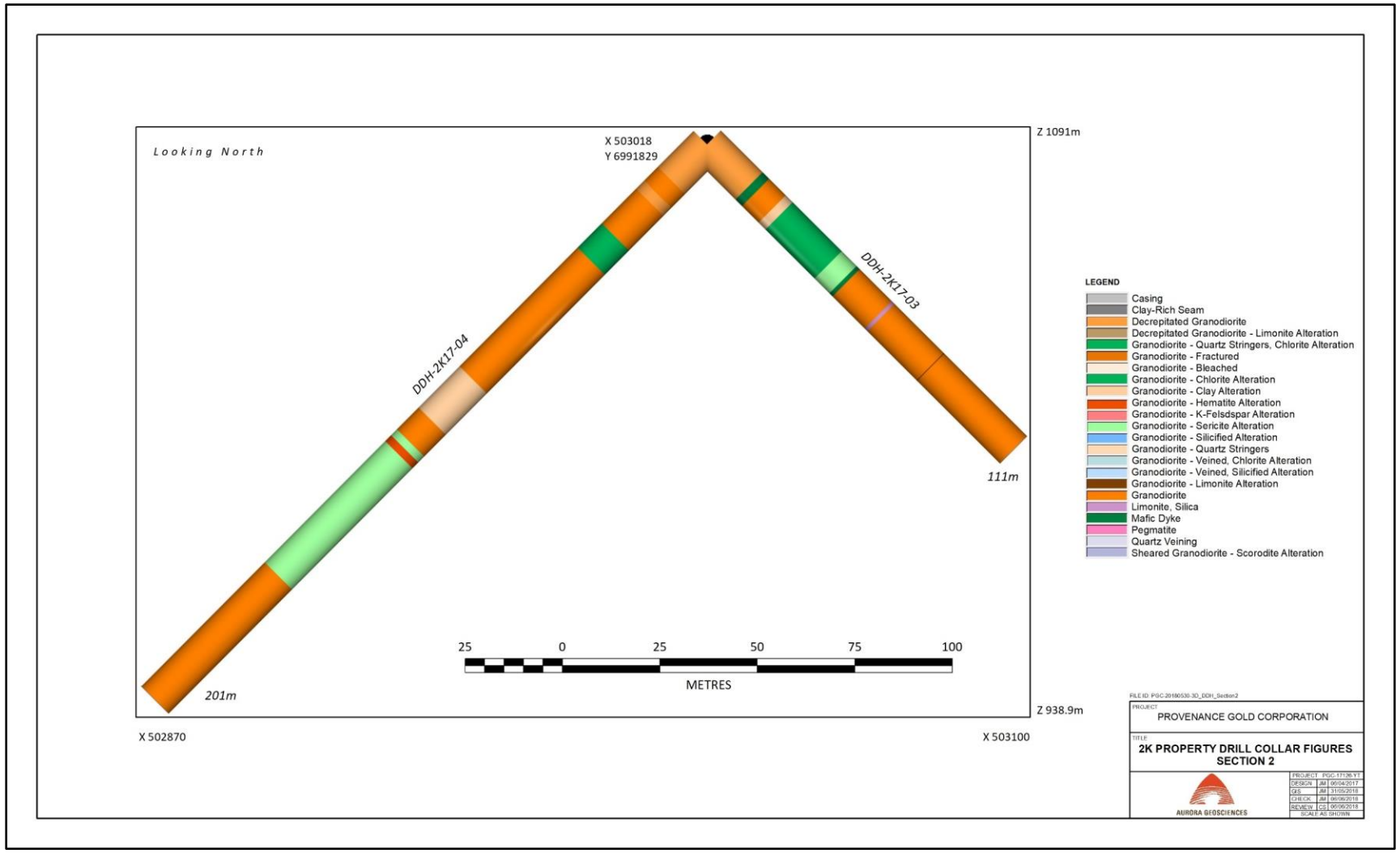

Figure 28: Section 2, DDH 2K17-03, 2K17-04

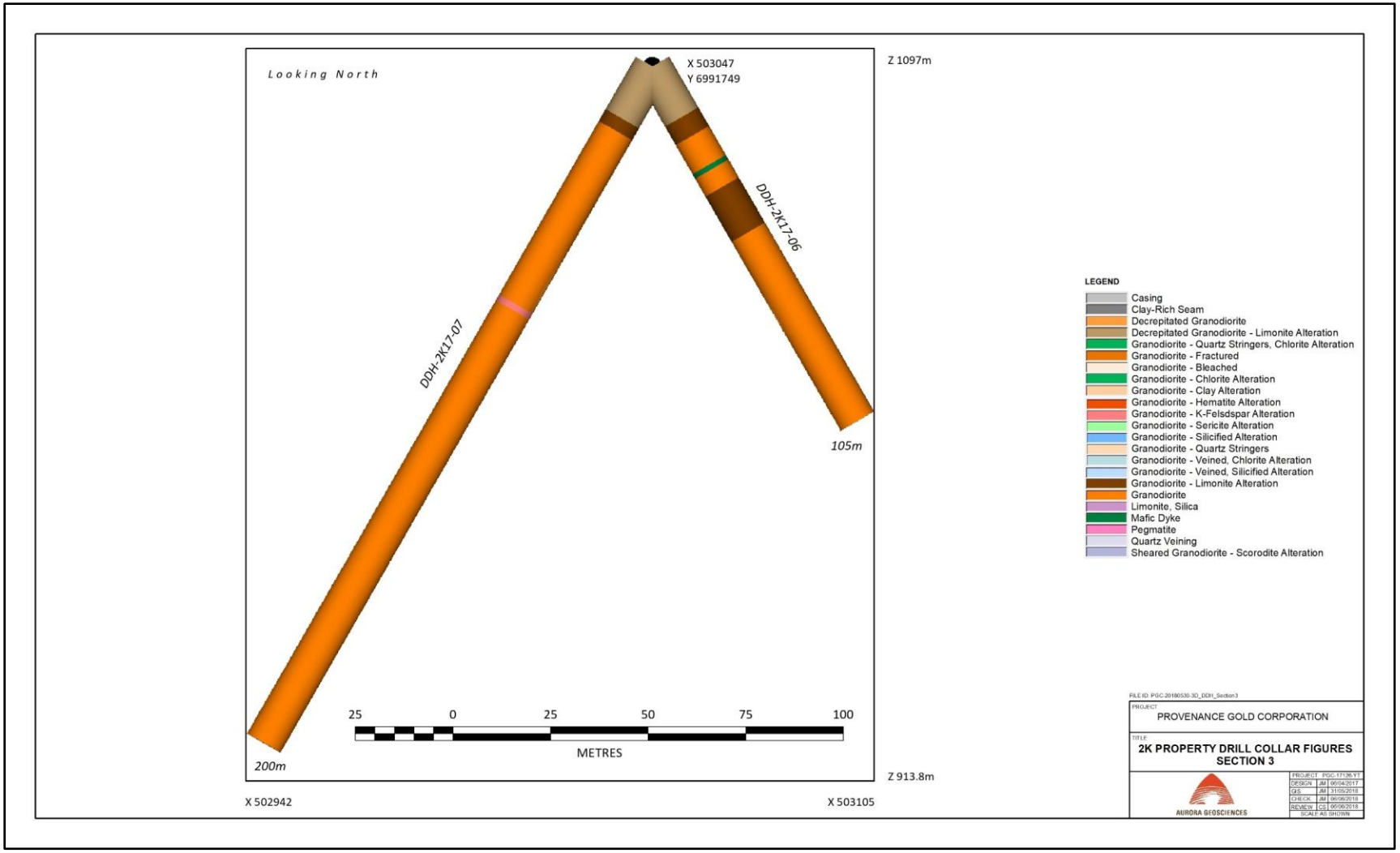

Figure 29: Section 3: DDH 2K17-06 and 2K17-07

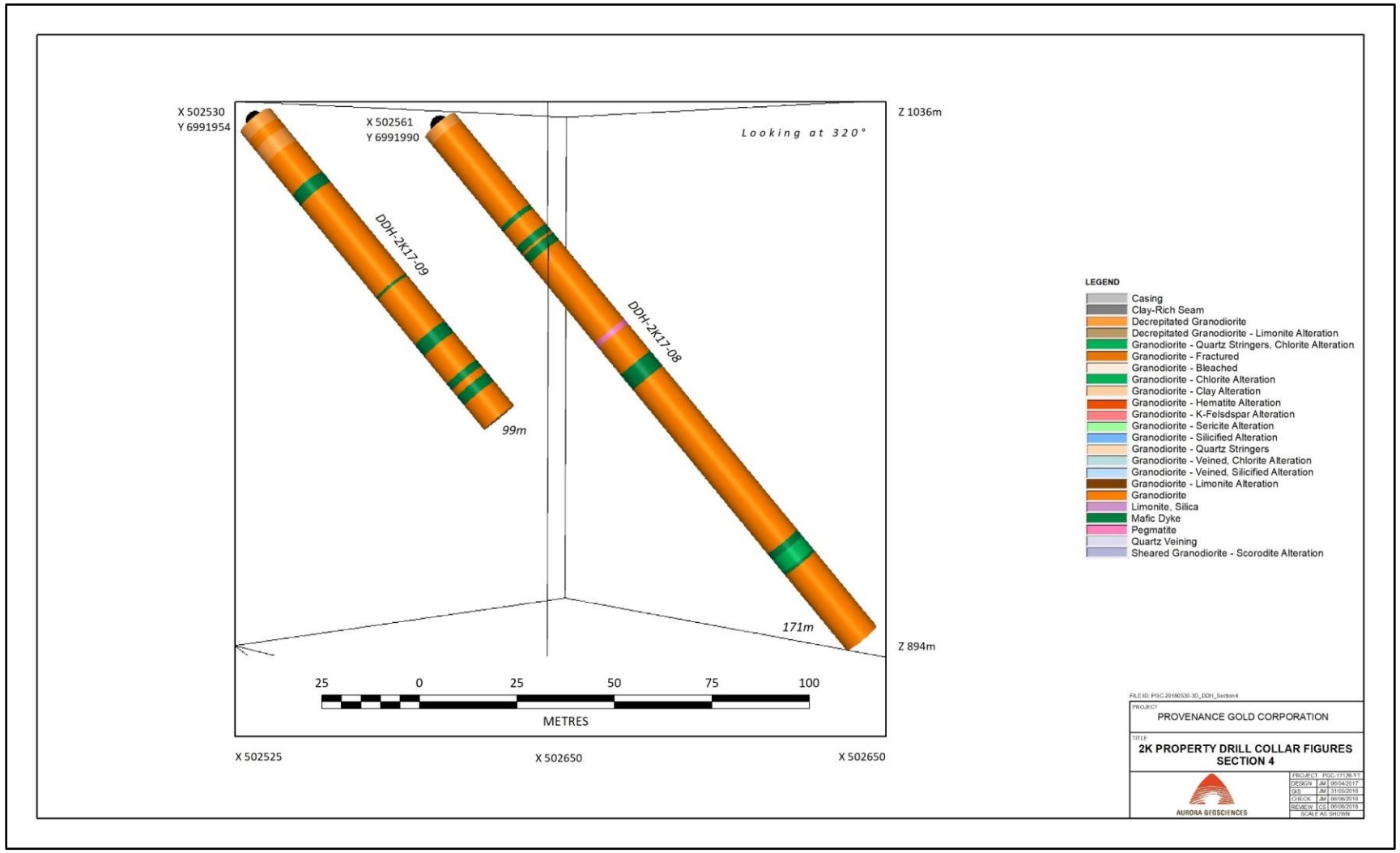

Figure 30: Section 4: DDH 2K17-08, 2K17-09

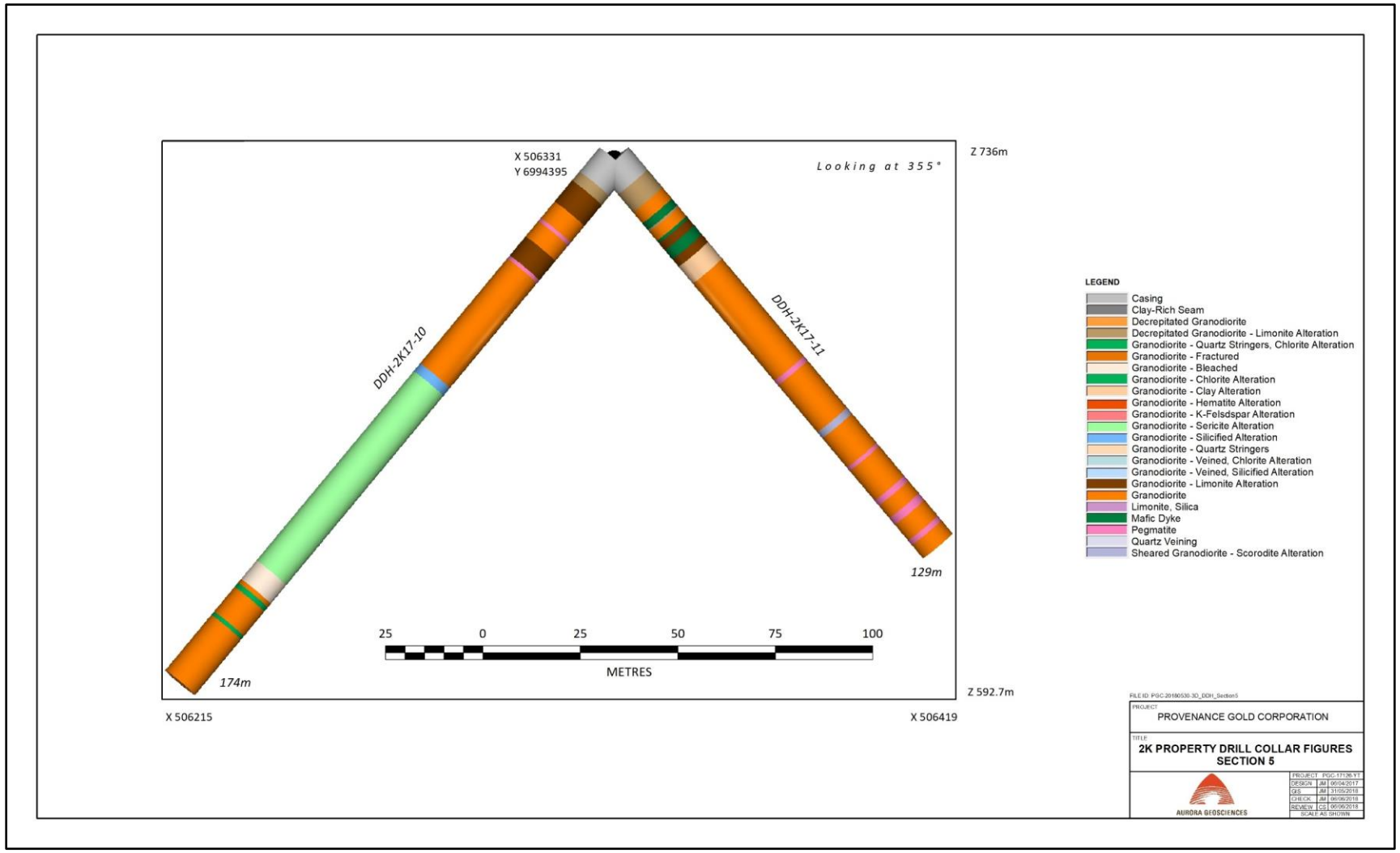

Figure 31: DDH 2K17-10, 2K17-11

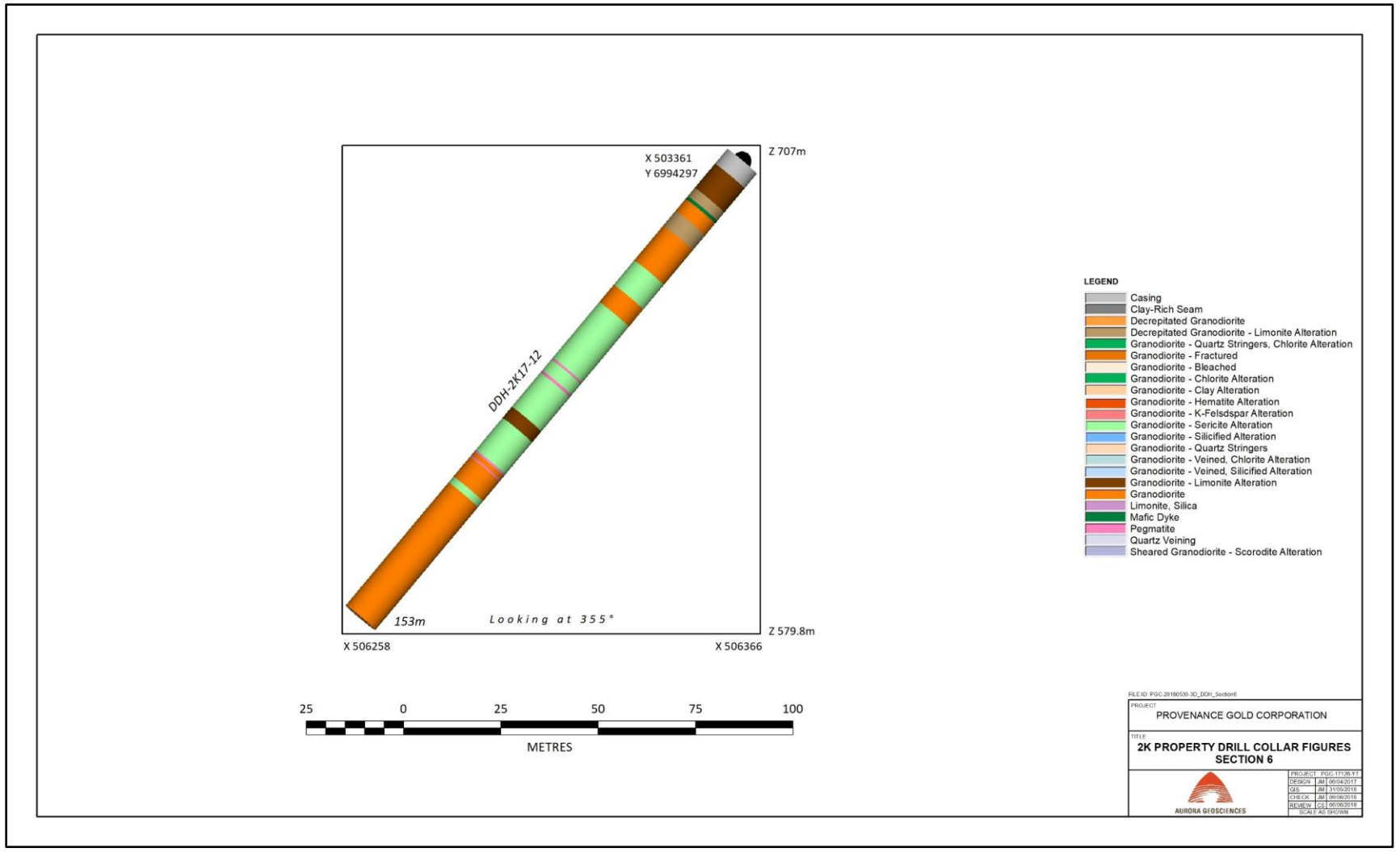

Figure 32: Section 6: DDH 2K17-12

8 SAMPLE PREPARATION, ANALYSIS AND SECURITY

8.1 PHASE 1 SAMPLING

Phase 1 Rock Sampling

All samples were collected in the field utilizing an Estwing rock hammer or similar rock hammer. Samples were placed in clear 12" by 20" plastic bags with a sample tag having a unique number placed in the bag and written in indelible ink on the outside of the bag. The sample bag was then wrapped tightly and bound using a cable tie.

All sample locations were recorded by Global Positioning System (GPS) utilizing Universal Transverse Mercator (UTM) 1983 North American Datum (NAD-83) at the midpoint of the sample. Notes on sample type, UTM locations, including elevation, sample type, sample width (for chip samples), date sampled, and sample descriptions focusing on lithology, colour and mineralogy were recorded in a field book, then transferred to an Excel spreadsheet, where they were matched with analytical results (Appendices 4 and 5). This process was continually re-checked to ensure the correct results are associated with the particular descriptions.

Sampling was done by either Carl Schulze, P. Geol, Project Manager, or Nigel Bocking, crew boss for Phase 1. Samples were placed in rice bags and secured with a cable tie. Shipments of rice bags were flown to the Dawson City airport and stored in secure facilities at the Great River Air hangar, prior to pick-up by Kluane Freightrways. Pallets with samples were covered with "shrink-wrap", then transported by truck either to the Aurora facility in Whitehorse or directly to the Whitehorse preparatory lab of Bureau Veritas. Alternatively, samples were shipped via Tintina Air from the Moosehorn Strip directly to the Whitehorse airport, where they were picked up by Aurora personnel and delivered to the Bureau Veritas facility.

At the prep lab, all samples underwent crushing so that 90% of the sample could pass through a 2 mm mesh, followed by pulverizing to obtain a 250-gram sample passing through a 200-mesh screen (Procedure Code PRP90-250). All samples underwent Aqua Regi digestion and ICP-ES analysis (code AQ300) providing analysis for Au, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, S, Hg, Tl, Ga, and Sc. All samples also underwent gold analysis by 50-gram fire assay (Procedure Code FA350). Some samples also underwent fire assay followed by ICP-ES analysis for Pt and Pd as well. Samples returning "overlimit" gold values exceeding 10.0 g/t Au by fire assay were re-assayed by gravimetric analysis (Procedure Code FA550).

A total of 11 samples also underwent "Metallic Screen Fire Assay' (MSFA) analysis (Procedure code FS652), also referred to as a "bulk sample" by Provenance. This involves pulverizing the sample to 200-mesh size, then screening of a 500-gram sample of this through a 150-mesh screen. The plus (oversize) and minus (undersize) samples were separately weighed and analyzed, with the results combined for a weighted average of both fractions. The intent is to determine the nature of gold in the sample, and to obtain a more reliable Au value.

Phase 1 Soil Sampling

The objective of the soil survey was to collect C horizon samples. The sampling procedure consisted of use of mattocks to remove moss and vegetation cover from soil, followed by hand augers to drill through the soil profile and extract C-Horizon material. On the Kate grid, where there were fewer boulders, less permafrost and a more developed soil profile, shovels were also utilized. In certain areas, the crew encountered boulders and/or permafrost that could not be penetrated before they were able to reach the C horizon. In these circumstances they sampled available material (usually B horizon) if possible. Detailed descriptions, including horizon sampled, sample depth, depth within horizon sampled, colour, parent material, vegetative cover, topographic position, moisture content and percentages of organics, angular rock fragments, gravel, sand, silt and clay are provided for each sample. Samples were bagged in paper kraft bags and closed with a cable tie ("Zap Strap"). These were then placed in rice bags for transport. The mechanism of transport is the same as for rock samples.

All soil samples were dried at 60°C, then sieved through an 80-mesh screen to obtain a 100-gram sample. All samples underwent Aqua Regi digestion and ICP-ES analysis (code AQ300) providing analysis for Au, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, S, Hg, Tl, Ga, and Sc. All samples also underwent Au, Pt and Pd analysis by 30-gram fire assay (Procedure Code FA330).

Silt Sampling

Silt sediment sampling was carried out along all prospective creeks, particularly in areas upstream of placer mining disturbances. The objective of this survey was to identify geochemical anomalies in drainages not covered by the soil grids. Sampling was conducted at 250m intervals along creeks and significant tributaries. At stream confluences additional samples were collected from the main and tributary streams sufficiently upstream of the confluence to avoid contamination, and an additional sample was taken a short distance below the confluence. The exception to this specification was in the unnamed creek to the north of Aggie Creek where samples were collected at a 1000m spacing due to time constraints.

Each sample comprised a composite of silt from several sites within a 5-metre radius, with the objective of achieving a representative sample primarily composed of fines. Due to the hydraulic gradient of many of the streams on the property the speed of water was too high for stream bed deposition of fine material, necessitating the taking of moss mat samples. Sampled material was placed in poly bags and were transferred to kraft or paper bags at the Whitehorse prep lab prior to analysis.

All soil samples were dried at 60°C, then sieved through an 80-mesh screen to obtain a 100-gram sample. All samples underwent Aqua Regi digestion and ICP-ES analysis (code AQ300) providing analysis for Au, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, S, Hg, Tl, Ga, and Sc. All samples also underwent Au, Pt and Pd analysis by 30-gram fire assay (Procedure Code FA330). The mechanism of transport is the same as for rock samples.

8.2 Analysis of Drill Core

All drill core was of "HQ" diameter. All core was transported to camp by the diamond drilling or geotechnical crew in core boxes including lids, for safe transport. Core initially underwent geotechnical surveying, comprising determination of the drilled interval within each box, estimation of recoveries and determination of "RQD" for each 3.05-metre drill "run". Core was then logged to determine lithology,

alteration and structural measurements. Following this, the layout of intervals to be sampled were indicated with wooden blocks. All core boxes were photographed prior to actual sampling.

The majority of each hole was sampled, although some intervals of unaltered and unmineralized core remained unsampled, particularly in the deeper portions of several holes. Sample intervals were determined by significant changes in lithology, alteration or mineralization, to a maximum length of 2.0 metres. All core was sampled on site utilizing an electrically-powered table-mounted rock saw, resulting in "halving" of the core. The samples consisted of one of the halved sections, with the other half remaining on site. The sample stream also included insertion of three types of "Quality Control" (QC) samples, comprised of a duplicate sample of "quartered" core, immediately followed by a "Standard" sample of known gold composition, in turn immediately followed by a blank sample known to have sub-detection gold values. A minimum of one complete set of these QC samples is inserted for every sample "batch"; and is commonly inserted at a rate of one set following every 17 core samples.

All samples were placed in clear 12" by 20" plastic bags with a sample tag having a unique number placed in the bag and written in indelible ink on the outside of the bag. The sample bag was then wrapped tightly and bound using a cable tie. Samples were placed in a rice bag, each also sealed with a cable tie and individually numbered with the sample numbers and destination written on the outside of each bag. Shipments of rice bags were flown to the Dawson City airport and stored in secure facilities at the Great River Air hangar, prior to pick-up by Kluane Freightways. Pallets with samples were covered with "shrink-wrap", then transported by truck either to the Aurora facility in Whitehorse or directly to the Whitehorse preparatory lab of Bureau Veritas. Alternatively, samples were shipped via Tintina Air from the Moosehorn Strip directly to the Whitehorse airport, where they were picked up by Aurora personnel and delivered to the Bureau Veritas facility.

At the prep lab, all samples underwent crushing so that 90% of the sample could pass through a 2 mm mesh, followed by pulverizing to obtain a 250-gram sample passing through a 200-mesh screen (Procedure Code PRP90-250). All samples underwent Aqua Regi digestion and ICP-ES analysis (code AQ300) providing analysis for Au, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, S, Hg, Tl, Ga, and Sc. All samples also underwent gold analysis by 50-gram fire assay (Procedure Code FA350).

Note: Assay values are still pending for the final 5 samples of DDH 2K17-05 and all of holes 2K17-06 through 2K17-12.

9 DISCUSSION AND CONCLUSIONS

9.1 PHASE 1 PROGRAM

Rock Sampling

Rock sampling confirmed the presence of two distinct settings of mineralization: high-grade mesothermal quartz veins typically exceeding 10cm in thickness, and epithermal quartz vein and stringer mineralization within altered granodiorite. The former is marked by the M-Vein as well as the fairly abundant float boulders of mesothermal quartz in the Kenyon Creek area and the centre of the H-Grid. Less abundant similar float boulders occur in the Great Bear Creek and Roo Gulch excavations.

Mesothermal float boulders with arsenical banding and rare visible gold are particularly abundant in the Kenyon Creek area, indicating mesothermal veining is the source of much of the placer gold in this area. However, no in-situ mesothermal veins of similar size occur on surface either in the placer workings or along the roadcut to the east, and none were intersected in drill core, suggesting the boulders were transported with colluvium from an uphill source to the east. Mesothermal quartz occurs in situ at the M-Zone along the ridgeline, indicating potential for the source area of this setting to extend farther to the east, into the Roo Gulch and Great Bear Creek watersheds.

The presence of fairly abundant mesothermal quartz float along the access road transecting the H-Grid indicates a proximal source. This hypothesis is supported by the absence of similar float to the west and east of the grid; the boulders are confined to a narrow zone of about 100m. The zone is roughly due north of the M-Zone area, indicating potential that the H-Zone float may represent a northern extension of the veining in the M-Zone area. This would be roughly parallel to north-south trending lineaments evidenced from regional aeromagnetic surveying and may indicate a zone of significant aerial extent from the M-Zone to the H-Zone areas comprising sheeted mesothermal quartz veins to 0.30m in width. Some zonation may exist, with an enrichment of zinc and silver noted in the H-Grid area compared to the M-Zone area.

The second vein setting includes the high-grade centimetre-scale vein sampled in 2016, returning 122.5 g/t Au across 1.8m from chip sampling. To date, this is the only high-grade value returned from sampling of this setting. However, several samples of limonitic, decrepitated granodiorite with quartz-manganese veining returned anomalous gold values, indicating other zones of epithermal mineralization may exist. Mineralization near the 2016 high-grade sample is proximal to fine-grained mafic dykes, which are predominantly north-south trending in the Kenyon Creek area. These dykes may be marking local lineaments, subparallel to the property to district-scale lineation. Although surface mapping shows that mineralization appears to be associated with these dykes, the sharp contacts with unaltered granodiorite within drill core indicate they may be post-mineralization.

Drilling to date has failed to return significant gold values, although weakly elevated values are associated with millimetre to centimetre-scale quartz-arsenopyrite veining and adjacent wallrock alteration. Although results are pending for Holes 2K17-06 and 2K17-07, assay results to date suggest epithermal mineralization and mesothermal veining are likely more abundant to the east of the Kenyon Creek placer.

A single float boulder sample in the H-Grid area, Sample # R950461 which returned a value of 4.857 g/t Au, indicates the presence of a third mineralogical setting, consisting of centimeter-scale quartz veins within altered and mineralized granodiorite. In contrast to typically decrepitated granodiorite, the host intrusive rock is moderately to strongly silicified with disseminated fine grained arsenical sulphides. Although this is the only example of this fabric found to date, the absence of glaciation indicates a proximal target warranting further exploration.

Metallic Screen Fire Assay Results

With the exception of two samples returning background gold values, all samples re-analyzed by Metallic Screen Fire Assay (MSFA) analysis returned values at or above those of “original” 50-gram fire assay analysis. This is true for both mesothermal and epithermal mineralization, including one sample of altered granodiorite with no veining noted. This indicates that a significant portion of total gold in both settings occur as coarse “nugget-style” gold, which is commonly excluded from typical sampling of the fine fraction only following sieving through an 80-mesh screen. Gold values by MSFA analysis versus 50-gram fire assay varied only slightly for the single sample with a lower MSFA value; these sets of results may be within the normal statistical deviation range of analysis.

Values therefore for both major settings under-estimate true gold content in mineralized rock in the 2K Gold property area. This is more pronounced for epithermal mineralization, indicating improved potential for lower-grade bulk-tonnage style mineralized zones.

Soil and Silt Sampling Results

Grid soil sampling returned numerous isolated high-grade gold values exceeding 100 ppb but did not identify any aerially extensive anomalies. This may be partly due to poor soil exposure in areas of large regolith-style boulders, and to thick soil cover. Still, a widespread bulk-tonnage style source is likely to generate a more consistent gold-in-soil geochemical anomaly. The anomalous values may be caused by local mesothermal quartz veins, either in-situ or as boulders transported downslope in colluvium.

An area of interest is marked by the extreme northwest corner of the Kate Grid, slightly east of the H-Grid. A value of 425 ppb Au occurs upslope of several elevated anomalous values to the east. This is caused partially by downslope dispersion, but also indicates potential for a significant source. At the H-Grid, a NW – SE trend weakly elevated gold values exceeding 0.020 g/t are associated with strongly elevated arsenic values exceeding 200 ppm, indicating potential for a NW – SE trending linear source of mineralization.

At the Kenyon Creek grid, two strongly anomalous gold-in-soil values were returned from the area adjacent to the right tributary of Kenyon Creek, where two anomalous gold values were also returned from rock sampling. No mineralized zones were identified in drill core, although numerous mafic dykes were intersected. The anomalous gold-in-soil values may have been transported in colluvium from an upslope source, although the anomalous gold-in-rock values may represent local minor sources.

One other area of interest occurs long the headwaters of Swamp and Soya creeks. Sparse outcrop along an old roadcut revealed the presence of mafic dykes within granodiorite but did not identify an applicable source. The source remains unexplained, due to the lack of outcrop identified elsewhere.

Silt sampling returned gold values of 0.050 g/t at the headwaters of the east fork of Kate Creek and of 0.095 g/t at the headwaters of Kenyon Creek. The catchment area of both extend to the ridgeline hosting the M-Zone, likely the source area of much of the mesothermal vein float. A gold-in-silt value of 0.367 g/t Au returned from Soya Creek may represent a separate source, as it is downstream of several lower-grade values. It may be related to the anomalous gold values returned from the southern end of the Kenyon Creek grid.

9.2 Results from Diamond Drilling

Diamond drilling at the Kenyon Creek placer workings failed to return significant gold-bearing intercepts, although areas of sheeted millimetre to centimetre-scale quartz+/- arsenopyrite veining were intersected, particularly in Holes 2K17-02b and 2K17-05. The lack of mesothermal vein intercepts in core indicates the abundant mesothermal vein float in the placer workings originated from an uphill source to the east. A single piece of mesothermal float from the right tributary indicates similar veining occurs to the north.

The highest gold value returned is 0.468 g/t Au with 0.8 g/t Ag across 0.9 metres, returned from a quartz-rich interval in Hole 2K17-01. This corresponds to the 2016 high-grade value from chip sampling and represents the extension of this at depth. This is the only moderately elevated value returned, indicating no other significant zones of auriferous epithermal mineralization were intersected in the Kenyon Creek area. Anomalous values from several samples of quartz-manganese veining within strongly limonitic

altered granodiorite in the roadcut uphill to the east indicates an increase in epithermal mineralization to the east, possibly in the same area as the mesothermal veins.

Note: Assay Values results are pending from Holes 2K17-06 through 09.

Holes 2K17-10 through 12 targeted the Great Bear Creek placer operations, focusing on an area where past rock sampling returned strongly anomalous gold values. Hole 2K17-10, drilled to the west, intersected a single mesothermal vein at a shallow depth, indicating this setting occurs here, but at a very low vein density. However, sheeted centimetre-scale epithermal quartz +/- sulphide veins occur at depth with chlorite and scorodite alteration. Hole 2K17-11, drilled to the east, did not intersect significant sheeted veining, although limonitic alteration occurs to a depth of about 42.0m. Abundant mafic dykes intersected at shallow depths may be marking a structural feature, potentially extending north-south parallel to Great Bear Creek. Hole 2K17-12, collared to the south and drilled to the west, also intersected sheeted veining to widths of 3cm at moderate depths. These are of similar fabric to the epithermal veins in Hole 2K17-10 and indicate they are likely of the same local sheeted vein system. The lateral extent of about 100m north-south indicates a sizable local feature, controlled by a north-south structure coincident with the Great Bear Creek watercourse. This zone may extend farther to the north and south along Great Bear Creek. Assay values are pending for these holes.

The main placer gold source appears to be thick overburden, particularly along the west bank, where hydraulic mining is successful in liberating placer gold. This observation suggests the veining at depth is not the source of placer gold in the creek.

9.3 CONCLUSIONS

The following conclusions may be made from results of the 2017 program:

- Rock sampling and prospecting, combined with previous exploration results, indicate that mesothermal banded quartz veins commonly host strongly anomalous gold values associated with arsenopyrite, stibnite, galena and locally sphalerite. Areas of greatest vein float density are: the Kenyon Creek placer workings, the M-Zone area along the ridgeline, and the roadside transecting the H-Grid.

- Although mesothermal float boulders are abundant in the Kenyon Creek area, no similar veining was found in outcrop or drill core, indicating an uphill source to the east.

- The source area of the mesothermal veins is proposed to be a kilometric-scale target along the ridgeline, including both flanks, extending from the M-Zone area north to at least the H-Grid area.

- One occurrence of high-grade epithermal veining occurring towards the southern margin of the Kenyon Creek placer was intersected at shallow depth in Hole 2K17-01. Other occurrences of centimetre-scale quartz-manganese veining along the roadcut to the east indicate potential for increased epithermal veining to the east. The mesothermal and epithermal settings may occur in the same area, improving its economic potential.

- A third auriferous setting comprising centimetre-scale quartz stockwork veining in mineralized granodiorite host rock was identified from a single float boulder in the H-Grid area. This represents another mineralogical setting in the 2K Gold property area.

- Metallic Screen Fire Assay (MSFA) analysis returned consistently higher gold values than original 50-gram fire assay analysis from property-wide sampling. Gold values from rock and potentially from drill core may underestimate true metal content. The percentage increase in values is higher for lower-grade epithermal mineralization.

- Two diamond drill holes targeting the Great Bear Creek placer operation intersected zones of sheeted epithermal quartz-sulphide (likely arsenopyrite) veining. The holes are spaced 100m apart, indicating potential for a north-south trending zone extending along the Great Bear Creek watercourse.

- Soil sampling did not reveal any sizable gold-in-soil anomalies, although numerous single station "spot" high values were returned. These may signify local mesothermal vein sources, either in-situ or transported, rather than a uniform bulk-tonnage target.

- Soil sampling did reveal an anomalous value at the northwest corner of the Kate grid, as well as two elevated values along a ridgeline sample to the north, providing some further evidence of the interpreted north-south trending lineament.

- A single anomalous gold value was returned from quartz veining within foliated biotite-granite north of the Moosehorn strip. This is roughly along strike to the north of the H-Grid samples.

- The results to date, including lack of anomalous Bi values and lack of evidence of intrusion-related features such as hornfelsing, indicate mineralization is of orogenic origin, occurring along district-scale north-south lineaments. These may represent deep crustal faults extending through the Dawson Range batholith. The interpreted area of mesothermal +/- epithermal veining may mark a district-scale lineament.

- The sheeted vein setting along Great Bear Creek is a separate target from the purported main lineament, indicating similar targets may occur elsewhere on the property.

10 RECOMMENDATIONS

10.1 RECOMMENDATIONS

Further work is recommended to focus on the north-south trend of mesothermal quartz veining extending from the M-Pit area to the H-Grid. This should consist of a series of east-west soil geochemical survey lines extending north from the M-Pit area. The line spacing should be about 400 metres, with a 50-metre station spacing. Prospecting is recommended for this area, as well as study of past assessment reports describing results of past exploration in this area. Lines should extend to the east to the easting equivalent of the western limit of the Kate Grid.

A combined ground magnetic – Very Low Frequency electromagnetic (VLF-EM) survey is recommended for the north-south extending ridgeline, extending from directly south of the M-Zone to just north of the H-Grid, utilizing a 100-metre line spacing oriented east-west. The magnetic survey would identify zones of magnetite destruction resulting from hydrothermal fluid movement, and the VLF-EM survey would identify conductive zones signifying faults or structural features. Surveying of this nature should take into account the possibility of mineralization along NE-SW trending Riedel shearing, indicated by the orientation of several streams in the Moosehorn Range.

A radiometric survey may also be useful to detect subtle changes in lithology or alteration, marked by varying degrees of gamma radiation resulting from radioactive decay within host rocks. This is excluded from the proposed budget for now.

This Magnetic – VLF-EM survey is recommended to include a second block extending east from, and contiguous with, the main proposed geophysical survey block to roughly 300m east of Great Bear Creek. The north-south extent of this block would be 1.0km, centered on Holes 2K17-10 and 2K17-11.

Prospecting and rock sampling along the Kate and Great Bear Creek drainages, as well as the un-named creeks to the north, are also recommended to determine the amount, if any, of mesothermal quartz veining. This will help to constrain the extent of the zone of mesothermal quartz veins by comparing the relative abundances of quartz vein float.

This program would be completed by a 5-person crew, comprising a project geologist, two soil geochemical technicians, and two geophysical technicians. The project would be fixed-wing supported, based from Whitehorse, Yukon, with additional support, if necessary, from Dawson City, Yukon. The project could be done over a 12-day period, including mobilization and de-mobilization, with the recommended time frame of late June to early July, to enable follow-up exploration in the same season, if warranted. Proposed expenditures stand at CDN$124,000.

Further diamond drilling is not recommended until results of these surface geophysical and geochemical surveys can be compiled.

10.2 RECOMMENDED BUDGET

Soil Sampling Program	$29,287.50
Magnetic-VLF Survey	$18,000.00
Prospecting and Mapping Program	$13,627.50
Program support and consumables	$20,720.00
Logistical Support	$19,150.00
Reporting	$12,000.00
Contingency (est. 10%)	$11,215.00
Total	**$124,000.00**

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APPENDIX 1

CERTIFICATE OF QUALIFICATIONS, CONSENT, DATE AND SIGNATURES

I, Carl Schulze, BSc, with business and residence addresses in Whitehorse, Yukon Territory, do hereby certify that:

1. I am a graduate of Lakehead University with a B.Sc. degree in Geology obtained in 1984.

2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (registration number 25393), Association of Professional Geoscientists of Ontario (registration no. 1966) and with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG, registration number L3359).

3. I have been employed in mineral exploration as a geologist since 1984, primarily on projects in the Yukon Territory, Northwest Territories, Nunavut, Alaska and British Columbia.

4. I supervised the work described in this report and wrote this report.

5. I have no interest, direct or indirect, nor do I hope to receive any interest, direct or indirect, from Eureka Resources Inc. or any of its properties.

Dated this 15th day of June, 2018 in Whitehorse, Yukon Territory.

Respectfully Submitted,

Carl Schulze

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Carl M. Schulze, BSc. P. Geo.

APPENDIX 2

STATEMENT OF 2017 EXPENDITURES

Statement of Expenditures, 2017 Program, 2K Property
Provenance Gold Corp

Activity	No. of units	Costs/unit	Cost
Diamond Drilling (First 150m/hole)	1685m	$72/m	$ 121,320.00
Diamond Drilling (>150m depth)	151m	$78/m	$ 11,778.00
Rock Samples	75	$ 39.16	$ 2,937.00
Soil Samples	1637	$ 33.33	$ 54,561.21
Silt Samples	50	$ 33.33	$ 1,666.50
Drill Core	317	$ 39.16	$ 12,413.72
Personnel: Project Manager	11	$ 800.00	$ 8,800.00
Personnel: Project Geologist	62	$ 675.00	$ 41,850.00
Personnel: Junior Geologists	57	$ 600.00	$ 34,200.00
Personnel: Technicians	127	$ 550.00	$ 69,850.00
Personnel: Camp Manager:	22	$ 550.00	$ 12,100.00
Personnel: Cook	33	$ 600.00	$ 19,800.00
		Total:	$ 391,276.43

APPENDIX 3

DIAMOND DRILL LOGS, CORE SAMPLE DESCRIPTIONS

Aurora Geosciences Ltd.

Cover Page, Diamond Drill Log

Project: 2K
Date: 12 AUG 2017
Client: Provenance Gold Corp
Page No. 1
Hole No: 2K-17-01
Logged By: AC & SG
Core Size: HQ

Easting (UTM):	**Northing (UTM):**	**Elevation (m):**	**E.O.H. (m):** 114m
Azimuth: 295	**Dip:** -60	**Date Started:** 11 AUG 2017	**Date Finished:** 13 AUG 2017
Down-hole Tests: Ezy Shots @ 9m, 30m, 64m & 114m			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)

Alt scale 1-3
1 = weak
2 = moderate
3 = Strong

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-01

Date: 12 AUG 2017

Page No. 1

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
2.60	16.45m	GRD	Decrepitated w, mod argillic alt & mod-strong limenite, pervasive. Small zones clay up to 40cm. Zone of silicified Qtz veining from 10.8 - 11.6m		1	2							
			*2.60m - 8.30m → M-C GRD Sand w/ minor clay lenses. Limenite low-mod. Manganese on frac surfaces.	N/A Rubble		2			2 LIM				
			*8.30m - 10.31m → C GRD Sand. Increased competency w/ depth Small zone v.alt GRD to clay-slightly more Competent from 8.66 - 7.23m Mod limenite variable, pervasive Argillic alt intense			3			2 LIM				
			*10.31 - 10.67m → clay rich seam w/ heavy limenite and manganese alt.						3 LIM				
			*10.67 - 11.60m → Competent series of silicified qtz veins w/ limenite Minor pitting. Fractured, possible fluid brecciation. Trace pyrite heavy limenite on frac. surfaces. Manganese present.		1				2 LIM 1		1%		
	dissem. patchy euhedral arseno pyrite		*11.60 - 13.66m → Decrepitated, moderate argillic alt, mod-low limenite. Minor manganese on frac surfaces - intermittent M-C grained.			2			2 LIM				
			*13.66 - 16.30m → competency increases limenite % decreases Mod argillic alt minor-mod clay, v. minor hem alt. Large decrepitated zone			2			1 LIM				

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance

Hole No: 2K-17-01

Date: 13 AUG 2017

Page No. 2

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
16.45	16.76	DIOR	Dark Grey mafic Porphyritic Intrusive w/ Euhedral Plag up to 3mm; Plag percentage increases towards Contact @ 16.76 Sharp contact perpendicular to core axis high angle 60-90°										
16.76	30.77	GRD	Light Grey - White Granodiorite subhedral Xtls mm to sub cm scale, manganese & limonite alteration on fracture surfaces moderate to very competent core minor argillic alteration intermittent throughout interval, minor gouge on fractures	Chaotic Qtz stringers throughout		1			1 limonite				
Possible mineralization mud decrepetation		X	18.0 - 19.24 increased Limonite alteration on fractures, decreased rock competency, mineralogy unchanged increasing clay at end of interval	Minor slicken lines		2			2 limonite				
		X	21.50 2 cm Qtz vein, pervasive Limonite alteration along fracture	Perpendicular to core axis		1			2 limonite	trace	—	—	—
			23.05 - Zone of increased alteration & decrepetation. presence of trace mineralization in altered zone, possibly fault zone or fluid pathway?										
			23.60-24.42 Hornblende alteration adjacent to fracture surfaces										
			24.42-27.0 increasing fracture network density at high angles to core axis. Lowest fracture angle is ~45°										

Aurora Geosciences Ltd.

Project: 2K Gold ~~EPSTO~~

Client: Provenance

Hole No: 2K-17-01

Date: 13 Aug 2017

Page No. 3

Logged By: SG & AC

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
		XX	27-30.77 - Shear zone		-	1	-	-	-				
			Surficial pitting. Majority joints										
			45° TCA. High frac freq zone										
			Quartz stringer present. Weak										
			slickensides on some frac surfaces										
			Minor poss hem. alt. Limonite + Manganese										
			increases w. depth becoming pervasive										
			clay + gossan present.										
30.77	31.77	M. Dike	V. dark brown v fine xtln						2 cm				
			matic dyke. heavily clay altered										
			& decalcified Mod Limonite +										
			manganese										
31.77	99.50	CHL ALT	Chlorite altered grd. c grained	fractured			2	1					
		GRD	Serp common on joint surfaces. xenoliths present	at <45° -									
			small zones of strong carbonate	to sub parallel									
			Mostly solid & competent										
		*	31.77 - 33.32m - Mostly competent,						1 cm				
			& fractured. Strong limonite confined to										
			joint surfaces + manganese										
			Minor clay. Qtz stringers present.										
			Minor chl. alt in bt										
		*	33.32 - 33.70m - orange brn-m. heavily										
			fractured zone of qtz stringers. Mod-										
			strong limonite possible arseno										
			mineralization.										
		*	34.45 - 35.81 Chlorite altered	fractures 45 - parallel	/	/	/	/	1 lim				
			GRD. intense fracturing brecciation? TCA						2 chl				
			fractures sub 45° To parallel TCA										
			fractures are zones for limonite										

-alteration. all fractures healed. competent core. intensity of chl increases until bottom of int.

stockwork calcite stringers @ 1mm in size present

zone of intense limonite = 20cm

hematite alt disseminated throughout int.

fracture density?

Aurora Geosciences Ltd.

Project: ZK Gold

Client: Provenance

Hole No: ZK-17-01

Date: 14 Aug 2017

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.77	99.50	✱	35.81–37.00 highly chl altered GRD Stockwork fractures	fractures predominat at Parallel & orthogonal					1chl				
			Predominant fracture orientations	TCA					0.1 Mn				
			perpendicular to each other, minor										
			limonite alt. on fracture surfaces										
			trace manganese on fracture surface										
			clay present in some fractures.										
		✱	37.00–37.30 heavily decrepetated						3 Rlm				
			GRD with intense limonite						3 Mn				
			& manganese alteration and						1 Hem				
			minor hematite weathering										
			Rubble zone										
		✱	37.30–38.28 GRD with	sub parallel					1clay				
			light to moderate fractures some	fracturing,					1Mn				
			clay filled moderate fracture	conjugate									
			density decreasing to end of int.	fractures present									
			Limonite alterations along fractures, intensity	~30° TCA									
			decreases to ends of intervals										
			minor preference to wash out along										
			fractures						2 Mn				
		✱	38.28–39.60 increased percentage						2 Mn				
			of broken core, core still competent										
			~~moderate~~ moderate fracture density										
			zone of GRD decrepetation @										
			↳ 39.00–39.10. obscured by limonite										
			alteration pervasive.										

Aurora Geosciences Ltd.

Project: 2K Gold

Client: Provenance

Hole No: 2K-17-01

Date: 14 Aug 2017

Page No. 5

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.77	99.50		39.60-42.0 refer to general unit descrip										
			42.00-43.66 decreased core competency, increased limonite alteration pervasive throughout core	Sub parallel fractures					1 Lim				
			43.66-43.96 fracture cluster at 15-30° TCA										
			43.96-44.56 - General descrip										
			44.56-44.60 small zone of tightly spaced fractures										
			44.60-45.15 General descrip										
			45.15-45.25 conjugate fracture with fracture sub parallel TCA <15°	<15° fracture with conjugate fractr									
			45.25-45.65 General Descrip										
			45.65-45.75 decrepitated GTZD with low to mod alt & minor Lim alt			1			1 Lim				
			47.00-47.10 fracture zone w/ lim alt on fract surfaces						1 Lim				
			47.40-47.50 similar to previous description - highly fractured minor Serp. on joint surface + Limonite & clay. Carb in joints					1					
			47.85-51.25m → hem? alt common - associated w Serp? hem alt confined to fract. few joint sets @ 40-60° TCA					1	1 Lim				
			chl & Lim. Carbonate in joints						1	1 Lim			

*51.25-51.58m - serpentine on joint surfaces, weak slickenlines. Limonite & minor manganese. Mod broken + some clay. Weak-Mod carb in joints.

Aurora Geosciences Ltd.

Project: 2K Gold

Client: PGC

Hole No: 2K-17-01

Date: 14 AUG 2017

Page No. 6

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.77	99.50		* 51.58 - 53.52m - Similar to previous unit. Carb in joints common. Gouge up to 1cm thick. Some clay. Pink/red hem? alt in few joints.					1					
			* 53.52 - 58.69m - Grain boundaries blurred, become sharper w/ depth. Rusty discolorations on joint surfaces. Red hem? alt + Serp confined to joints. Chl alt pervasive. Limonite present. Qtz vein w/ poss mineralization 2cm wide at 55.15m, thin chaotic jointing throughout. Calc stringers		1?			1	1	1 LIM	1%		
			* 58.69 - 58.87m fine grained at edges, possible vein, w/ carb veining up to 3mm thick. Limonite					2	1	LIM			
			* 58.87 - 61.10m - Refer to main description. C wkt grd granodiorite, competent & mostly solid. joint at low angle < 30° TCA w/ Carb & limonite					1	1	LIM			
			* 61.10 - 62.19m Serp on joint faces, gouge up to 5mm thick. parallel joint set over 40cm immediately above qtz vein. Joints at higher angle w/ depth. Carb veining appears brecciated.	joint set btwn 50-60° TCA				2	1	Serp			
			* 62.19 - 62.28 - Qtz veins 4cm & 3cm thick. Possible mineralization - Arsen & Pyr. Limonite & carb present	Perpendicular TCA				1	1	LIM	<1	1	

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Project: 2K

Client: PGC

Hole No: 2K-17-01

Date: 4 AUG 2017

Page No. 7

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.77	99.50		* 62.97 - 63.03m qtz vein w/ minor mineralization	Perpendicular TCA				1		2	<1		
			* 65.08 - 65.61m zone of increased frac frequency. Carb veins up to 5mm. Serp & carb on joint surfaces. Minor hem. alt. Competent					1					
			* 66.76 - 69.38m core becomes highly broken, reduced to rubble in some zones. Mod-strong chlorite alt gouge up to 1cm thick. Possible Fault zone? Competent core highly fractured, brecciated. Carb alt strongest in joints, pervasive, high %. Thin carb stringers. Weak slickenlines. V. Minor limonite				2	2	1 LIM				
			* 70.53 - 77.38m Brecciated, poss. mineralization in strongly brecciated zones. Carb veins up to 1cm thick. Gouge present. Heavy chlorite alt pervasive. Mafic xeno at 72.87m. Limonite present between 71.60 - 72.0m. Minor hem? alt confined to joints					2	1 LIM				
			* 78.89 - 79.50m same as above description. Serp + chl + carb					1					
			* 79.50 - 82.40m Solid, competent CRD. V. weak alt.										
			* 82.40 - 82.49m highly alt zone w/ trace mineralization. Chlorite. 4mm red (hem?) vein, joint w/ weak slickenlines at high angle.							1			
			82.49 - 88.72m Mostly solid, competent grd w/ minor Serp, chl & carb alt confined to joints. small carb stringers present up to 1mm thick.					1					

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Project: 2K

Client: PGC

Hole No: 2K-17-01

Date: 14 AUG 2017

Page No. 8

Logged By: SG/AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.77	99.50		* 88.72 - 90.29 m - Series of joints & chlor + carb veins up to 1.5 cm thick	Variable joints avg 40 - 60° TCA				1		2			
			Weak - Mod slickenlines. Serp & Carb infill common. Dk red hem on joint surfaces. Mineralization present on joint at 90.08 m (py)										
			* 90.29 - 91.95 m competent, Sol. d GRD - Small mafic xeno										
			* 91.95 - 99.50 m Brecciated zones up to 10cm wide					2					
			wk increased alt - serp + chl + carb minor hem. Gouge up to 5mm thick. Weak slickenlines. Core broken alternates betwn competent core & brecciated core. Hem on joint surfaces increases w/ depth.										
99.50	114.00 EOH	GRD	Weakly altered, grey, competent M-VC granodiorite. Mostly solid core. Alteration confined to joints. Dk red hem alt common on joint surfaces. Weak slickenlines. Chlorite + Serpentine common. Small mafic xenos present. Chlorite alt varies from weak - mod. Occasional v. small brecciated zones. Aspy & py @ end at interval, trace amounts					1	1 chl 1 Hem?	1	1		

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Cover Page, Diamond Drill Log

Project: 2K
Client: Provenance Gold Corp
Hole No: 2K-17-02a

Date: 16 Aug 2017
Page No. 1
Logged By: AC/SG
Core Size: HQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m): 120
Azimuth: 290	Dip: -45	Date Started: 13 Aug 2017	Date Finished: 14 Aug 2017
Down-hole Tests: Reflex Ezy Shots @ 18m, 69m, 111m			

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.22	120.00	GRD	*0.22-3.25 Decrepitated GRD rich in Limonite - no competency highly altered, minor clays.			1			3 Lim				
			*3.25-9.50m Decrepitated increase in argillic alt. weak-mod clay. manganese present. Highly altered.			3			2 Lim				
			*9.50-10.53 moderately decrepitated, intense fract. sub mm scale possible mineralizm within highly decrep zones. strong limonite alt pervasive throughout core.			2			2 Lim 1 Mg				
			*10.53-11.08 zone of intense arg, clay, mg alt, no coherence to core. rubble zone			3			2 Mg 1 Lim				

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-02a

Date: 16 Aug 2017

Page No. 2

Logged By: AC/SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
0.22	120.00	GRD	11.08 - 12.75 Moderate to strong decrepitation, intensely fractured strong lim alt associated w/ fractures. moderate surficial pitting on core surface zones of intense clay alteration up to 20cm						3 lim 3 clay				
			12.75 - 18.37 increased decrep. from previous interval. intense decrepetation an clay alt. zones throughout int. increased lim alt pervasiveness throughout cored int. introduction of minor chl alt near end of int. increasing Mg alt throughout int.						3 clay 2-3 lim 1 chl 1-2 lim				
			18.35 - 21 intensely fractd GRD w/ mod chl alteration in matrix minerals, no preferred fractr orientation (chaotic) low to mod lim alt constrained to fractrs.						2 chl 1-2 lim				
			21.00 - 22.00 strong decrepetation of GRD. large Rubble zone. 1 piece of intact core @ 13cm very strong argillic alt throughout int. increasing intensity of Mg alt on fractures etc and at int zones of clay @ 23cm decreasing chl alt throughout int. decreasing lim alt " " intul. intensely fractr			S			1 chl 2-3 Mg 1 lim				

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-2a

Date: 16 Aug 2017

Page No. 3

Logged By: AC/SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
0.22	120.00	GRD	27.00 – 28.90 increased competency @ cor. fracture intensity reduced from prev int. 4cm zone at intense lim alt @ end of int. mafic minerals throughout mod chl'td.						2chl				
			28.90 – 29.58 intense phyllalt w/ clay alt. Rubble zone. Surficial pitting & intense fracturing.						3Mn 2Lim				
			29.58 – 32.15 moderate sub parallel fracturing w/ conjugate fractrs, fractrs steepen TCA to sub perpendicular to end of int. increased fractr density to depth minor – mod chl alt & minor mg alt on fractr surfaces. presence of hematite alt						2Lim 2Chl 1Mn				
			32.15 – 39.63 V. intense fracturing possible shear zone due to presence of Rubble & gouge. moderate chlzn alt throughout. min. mod lim alt at top of int. coarse throughout rest, surface pitting becomes more prevelant @ around 32m along with highest fractr density fractrs have chaotic orientation trace hem staining.	chaotic fractr orientation					2Chl 1Mn 1Lim				
	alt lim increase @ bottom of int												

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-7a

Date: 16 Aug 2017

Page No. 4

Logged By: AC/SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
0.22	120.00	GRD	39.63 - 45.44 V. intense lime alt/pervasive. Shear structures similar to previous int. xeno present fracture density increases to depth, gouge & clay present						3 Lim 2 Chl 1 Mu				
			45.44 - 48.00 similar to prev int. Rubble zone	Rubble.					3 Lim 1 Mu 2 Chl				
			48.00 - 51.00 strong pervasive lime alt otherwise same as prev intv. (39.63 - 45.44						2 Lim 2 Chl 1 Mu				
			51.00 - 52.49m - Clay rich decrepitated zone high % limonite - pervasive minor Manganese						3 Lim 3 Clay				
			52.49 - 55.29m - DK yellow green, strongly altered VC. Top 30cm rich in clay. Likely pervasive limonite alt. Mostly competent, fractures increase frequency w/ depth thin blk veins present, possible mineralization						3 Lim				
			55.29 - 57.14m - Similar to previous subunit however highly fractured & broken possible mineralization. Minor gouge & weak Slickenlines. Some clay & Manganese Possible sphalerite? @ 56.45m						3 Lim				

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-02a

Date: 17 AUG 2017

Page No. 5

Logged By: AC/SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
0.22	120.00	GRD	57.14 - 59.77m - Strongly altered, mod fractured. Dk yw OR, minor chl increases w depth. Possible mineralization. high % limonite.						3 LIM 1 CHL				
			59.77 - 60.69m. Shear structure, brecciated, strong alteration. Limonite strongest at top, decreases w depth as chlorite increases alt strength w depth. brecciation strongest from 60.3-60.6m possible mineralization.						1 LIM 2 CHL				
			60.69 - 64.80m Strongly fractured w small zones of brecciation. Mod-Strong chl alt, pervasive. gouge present. minor? Limonite confined to joints. Mixture of solid & broken ground. Small shear structures.						2 CHL 1 LIM				
			64.80 - 70.53m Similar to previous unit, decrease in fracture frequency. possible mineralization. gouge up to 1cm thick. common thin carb stringers mm scale. Strong chl alt on joint surfaces, weak limonite.					1	2 CHL 1 LIM				
			70.53 - 75.0m Mod-Strong chl alt, pervasive. increase of carb stringers - up to 3mm thick. Mod serpentine confined to joints. Gouge up to 5mm thick. minor hem? alt. Mod fractured.					2	2 CHL 1 SERP				

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2K-17-02a

Date: 17 AUG 2017

Page No. 6

Logged By: AC/SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
0.22	120.00	GRD	75.0 - 82.95m - Similar to previous sub unit decrease in fractures. Strong chl in joints & weakly pervasive. Minor limonite low angle fractures. TCA increase in frequency w/ depth. Occassional carb stringer					1	2 CHL 1 LIM				
			82.95 - 88.0m Increased frac frequency on low angle. Strong chl alt on frac surfaces. ↳ sub parallel TCA chl infil up to 5mm thick, minor carb confined to joints. Slight brecciation 86.4 - 87m					1	2 CHL				
			88.0 - 94.14m - weak - mod chl alt carb common on joint surfaces. Minor hem joint angles variable - 30 - 50° TCA.					1	2 CHL 1 HEM				
			94.14 - 94.82 zone of V.C GRD, minor chl alt. Euhedral crystals present weak slickenlines.										
			94.82 - 98.15m - weak - mod chl alt, Shear zone at 96.40m Confined to joints						1 CHL				
			98.15 - 102m Mostly clean grd w/ weak chl alt confined to joints minor fracturing						1 CHL				
			102 - 120m Increase in chl alt, weakly pervasive, weak - mod in joints. Small zones of strong alt usually occur at joints, range in size from 5 - 10cm wide. Small brecciated zone from 102 - 102.4m. mod fractured, chl veins/fracs common. occasional thin carb stringers. trace Pyrite found in strongly altered zones → 105.5m & 116.95m					1	2 CHL 1				

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Cover Page, Diamond Drill Log

Project: 2K
Client: Provenance Gold Corp.
Hole No: 2K-17-026

Date: 18 AUG 2017
Page No. 1
Logged By: AC/SG

Core Size: HQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m): 107
Azimuth: 110	Dip: -50	Date Started: 14 AUG 2017	Date Finished: 15 AUG 2017
Down-hole Tests: Ezy Shots @ 20m, 71m & 107m			

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.26	5.40	GRD	intensely decrepetated GRD. v.strong linnik alt throughout rubble. minor-mod manganese throughout Rubble. zones of intense clay/clay alt up to 70cm	Rubble zone		2			3 kaol 1 Mn 2 clay				
5.40	7.86	GRD	strongly decrep. GRD w/ intense linnik alt. increased competency from prev int. zones of strongly clay altered core, highly fractured in chaotic orientations. minor-mod chlor of matic minerals, zones of clay alt up to 30cm, clay present on fracture surfaces			2			3 kaol 1 clay 1/3 chl				

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-28

Date: August 19th

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
9.86	12.5m	GRD	Extreme lime alt pervasive throughout core, zones of Mn alt, V clay present along joint sections of core altered completely to clay chaotic loose fractury throughout, minor argillic alt mod						3Lim				
									2Mn				
12.5	14.78	Dyke	dark grey matic dyke with sericitic / lime alt V on joint surfaces no dominant structures, small porphyritic matic minerals among fine grained matrix						1Lim				
									3Mn				
14.78	15.08	GRD	intense lime + Mn alt GRD, altered to clay abrupt stop at alt into next intv						3Lim				
14.78	20.87	GRD	Sharp contact with alt at prev. int ARG alt predominant mod - strong w/-alt sections of V. debrecciated core leaving only rubble <10cm throughout minor to moderate fracturing 60° TCA, small zones of minor surface pitting			2							

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-28

Date: 19th August 2017

Page No. 3

Logged By: SC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
20.87	167.00	GRD	20.87-24.90m Argillically alt'd (low-mod) GRD with reduced comp. Rubbly zone. sparse parallel TCA fractures associated conjugate fracture very minor lim alt associated with fractrs			2			1Lim				
			24.90m-26.22m moderately fractrd GRD chaotic orientation mod Mn alt on fractr surfaces. Small zones of rubble, low core recovery			1			2Mn				
			26.22m-26.60 small zone of Rubbly GRD with very strong Lim & Mn alt pervasive. 1mm alt clays on surface fractrs						3Lim 2Mn				
			26.60-28.92. GRD Rubble zone w/ mod to strong fracturing chaotic orientation. Limonite, alt on fract surfaces w/ minor Mn weathering. moderate ARGN alt			2			1Mn 1Lim				

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Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-23

Date: 19 August 2017

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
20.87	107.00	GRD	28.92-30.67 Rubble zone top of intv lineart with pyrite cubes (weathered)? 8cm zone v.is heavily Mn altered and has mod lime alt pervasive. densly fract'd min-mod Arg alt. rest of intvl. with high @ TCA fractrs w/ minor Lim alt. fractrs shallowing at end of intv.			2		1-3Lim	1%			
								1-2Mn					
		*	30.67-33.40m low angle <30° TCA fractured GRD with minor chl/zn at matrix minerals, minor fracture bound' lim & Mn alt minor arg alt throughout			1			1 Lim				
									1 chl				
									1 Mn				
		*	33.40m-36.00m Rubble zone with increased low angle fractr dens. in GRD + increasing chl/zn at matrix mins up to mod minor Lim alt constrained to fractr. low-Mod Mn alt. low Core comp.			1			1-2Mn				
									1 Lim				
									1-2chl				

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Project: 2L

Client: Provenance Gold Corp

Hole No: 2L-17-2B

Date: 19 Aug 2017

Page No. 5

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
20.87	107.00	GRD	36.00 - 38.28m increased core comp. with minor rubble zone & mod chtrn of matrix min. reduced			0			Chl 1 Mn				
		alt penetrates fracturing rock.	fracture density fractures ass. w/ minor alt lim & alt associated with blurred grain boundaries. Zones of increased Mn min proportions & grain sz.										
			38.28m - 39.85m increased pervasive lim alt along chl filled joints permeating rock up to 5cm from joint. minor Arg alt & min-mod Mn alt, fract. Possible AsFeS mineralization? trace stibnite.	fractures @ ~60° TCA		1			2 Mn	1% ?			
				chaotic fracts		2			1 Mn				
			39.85m - 40.17 Rubble zone with increased Arg alt & minor Mn alt on fractures chaotic fracture's										

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Project: 24 **Date:** 20 August 2017

Client: Provenance Gold Corp **Page No.** 6

Hole No: 24-17-23 **Logged By:** SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
20.87	107.00	GRD &	40.17 - 59.00 Competent GRD with few < TCA fractrs up to 60°, some joints filled with intense lime alt, alt minorly pervasive into c. rock, up to 4cm zone of strong fluid alt @ ~47.80m with carbonate present & mod - strong chl alt assoc w/ carbonate veins, chl alt most intense from 50.20 - 56.00 minor - mod hematitic alt associated w/ alteration zones chl alteration becomes much less much lighter in colour at bottom of interval.	veins & fractrs at few < TCA steepen to ~60° at end of int					1-2 chl 2-3 lime				
		&	59.00 - 65.00 minor lime alt GRD restricted to fractrs. minor ARG Alt. xenolith present. minor serpentine on minor rubble zone fractures @ 61.40m. fractures in mafic xenolith heavily hematite altered but not pervasively xeno.			1			5-1 chl 1 lime 1 serp				

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-2B

Date: 21 August 2017

Page No. 7

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
20.87		GRD	65.00 - 71.40m moderately fractured GRD with trace Chlzn along fractrs. Lim altd. clay along fractrs with minor arg alt. Fractrs >/60° TCA			1			0-1 chl				
			71.40 - 73.20 Predominantly a Rubble zone with increased fractr density. fractrs filled with chl altd. clay & mod chl alt. Zones of minor lim alt. Veins enriched in Aspyrite @ 71.60m						1 lim 2 chl	2%			
			73.20 - 107.00 EOH minorly Jointed GRD joints >45° TCA low fractr density some joints contain Qtz veins with minor Carbonate veining post Qtz emplacement. V. minor chlzn at top of int. none throughout rest of int.	Fractrs & joints >45° TCA	2			1		2%	2%	1% sph	
Qtz vein depths:		74.30 80.00 86.90 90.80 94.14	Qtz veins and large silicification haloes up to 12cm associated with zones of py Aspy sph in alteration zones. sphl xtls up to 0.5cm Hydrothermal veins present. py & Aspy sub mm xtls										

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Cover Page, Diamond Drill Log

Project: 2K
Client: Provenance Gold Corp
Hole No: 2K-17-03

Date: 21 AUG 2017
Page No. 1
Logged By: SG
Core Size: HQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m): 111m
Azimuth: 90	Dip: -45	Date Started: 15 AUG 2017	Date Finished: 17 AUG 2017
Down-hole Tests: Ezy shots @ 15m & 108m			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
4.5	6.40	GRD Rubble	Rubble zone with			1			1Mn				
			very low competency.						2Lim				
			intensly clay altered &						3Clay				
			mod lim alt pervasive										
			in core. minor ARG alt										
			Mn alt zones at										
6.40	7.75	GRD Rubble	intensly decrepetated GRD			1?			1-2Mn				
			with pervasive low-mod						1-2Lim				
			Mn & Lim alt. possible										
			zone of ARG alt 15cm										
			long?										
7.75	8.27	GRD Rubble	intensly clay altered zone			3			3Lim				
			with mod to strong lim						1Mn				
			& ARG alt pervasive						3Clay				
			throughout core. core has										
			no competency, zones										
			of minor Mn alt										

Aurora Geosciences Ltd.

Project: ZK-

Client: Provenance Gold Corp

Hole No: ZK-17-03

Date: 21 August 2017

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
8.27	10.60	Rubble zone	Completely decrepetated core. V. coarse sand. 1 zone of clay 12cm long. ARG alt present mainly to mod lim alt			2			1-2 lim				
10.60	12.80	GRD	intensly decrepetated, enough comp to hold shape. crumbles in hand. crumbles to v.c. sand. minor to mod ARG alt. minor lim alt.			1-2			1 lim				
12.80	13.5	Rubble zone	Completely decrep core v. coarse sand, small zones of clay. minor - mod Mn lim & ARG alt			1-2			1-2 lim				
13.5	16.15	GRD	intensly decrep. highly clay altered zone of clay up to 4 cm strong ARG alt zones of strong Mn alt. minor lim alt throughout int.			3			1 lim 3 Mn				
16.15	17.25	Dyke	decrepetated fine grained mafic dyke. lacks apparent structure. minor lim alt on surface of core.						1 lim				

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-03

Date: 22 August 2017

Page No. 3

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
17.25	19.30	GRD	highly alt GRD strong chl & lim alt pervasive throughout core. moderate surface pitting. 1 fract w/ hematite staining. Clay alt zone 3cm wide minor ARG Alt? at 1% min			1?			2-3% chl 2-3% lim				
19.30	22.90	GRD	decreased chl alt & decreased lim alt. intensely fractd. retains competency zones of M- alt on fract surfaces	chaotic fract orientation					1% chl 1% lim				
22.90	24.00	GRD	increased fract intensity & chl alteration at Mt min. zones of pervasive hematite staining zones of mod decrep. 30cm. minor lim alt	" " " "					1% lim 2% chl 1% Hem				
24.00	31.40	Rubble zone	intensly decrepitated zone of clay, 10cm competency mod lim alt. zones of minor Mt alt. zones of intact chl & lim alt core. zones of min lim alt within Rubble zone. zone of minor ARG alt?			1?			1% Hem 1% chl 1% Mt				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-03

Date: 22 August 2017

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
31.40	34.05	GRD	moderately fractd & chlzd core. With zones of decrepitated GRD with no core competency and elim alt throughout int. zones of minor Mn alt, coarse hematite alt visible in competent sections of core.	Chaotic fractr orientation					? elim 2chl 1fem				
34.05	38.00	GRD	Mod chl altered GRD with pervasive minor elim alt. minor hematite staining "eyes"? Fractrs >45° TCA with jointing steepening through interval to sub perpendicular.						1-2chl 1hem				
38.00	43.90	GRD	Moderately pervasive chl alt with pervasive elim alt concentrated @ fractrs, moderately fractd with chl & elim clasts in some fractrs. hematite alt specs pervasive in core.	general fractr orientation is 90° TCA					3elim 2chl 1hem				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-03

Date: August 22nd

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
			light green										
43.90	49.20	ALT GRD	heavily chloratized GRD? with	strongly fract'd					2 clay				
			strong clay alteration throughout	filled with Jdays					3 chl				
			20% of pervasive minor lim	chaotic orientation					1 Hem				
			alteration; presence of hematite										
			specks, possible serpentine on fract'r										
			surfaces. Gradational top contact over										
			30 cm wet										
49.20	50.30	Dyke	Dark grey fine grained matic	massive					1 lim				
			dyke ~~(bottom)~~ with alt on fract'r										
			surfaces, primarily unaltered										
			sharp contact at top & bottom										
			of interval										
50.30	61.78	GRD	v. minorly chlzd GRD with	joints ~~45~~ TCA					1 lim				
			Pervasive minor limonite						1 chl				
			limonite clays on some fract'r						1-2 hem				
			surfaces, alteration pervasion										
			at fract'r surfaces up to 3 cm,										
			strong chlzn alt at contact										
			with dyke at top of interval										
			Gradational with highly lim alt										
			zone over 4 cm at bottom of int										
			Qtz veins up to 1.5 cm										
			increased hematite staining towards										
			BOI (Bottom of interval) minor										
			calcite in qtz veins/fractures.										
		calcite	associated with lim alt?										

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-03

Date: August 23

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
61.78	63.10	GRD	highly fractd GRD with		1			1	2lim	2%	2%		
			pervasive strong lim/moderate						1-2cm				
			chl alt. Zone of increased						1-2cm				
			Hematite alt spec density.										
			Zones of clay/gouge? 17cm										
			wide. Quartz and calcite veins										
			present qtz up to 2cm & calcite										
			up to .75cm. Zones of silicic alt										
			at BOI contains aspy & py minor										
			zone is 12cm wide. subhedral										
			to euhedral Aspy xtls										
63.10	74.0	GRD	GRD with zones of silica? alt	fractures @ high	2?				1 chl	2%	2%		
			surrounding fractures pervasive into	& TCA @					0-1lim				
			core up to 10cm. Zones of	>45°									
			alt contain Aspy & Py in										
			alt halo. fractures. minor										
			chl in alt zones. Sporadic xenoliths										
			with chl alt up to 4cm in diameter										
		*	66.38-66.62 silic? alt zone										
			breccia with chl alt infil as well										
			as calcite infill, mod-py. completely										
			healed.										

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Project: 24. -

Client: Provenance Gold Corp

Hole No: 24-17-03

Date: Aug 23 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
74.00	74.42	GRD	increased mafic minerals						1Hem				
			vast majority are euhedral xtls										
			up to 1cm & increased xtl size										
			from previous interval. minor										
			hematite on fractrs										
74.42	80.00	GRD	GRD with zones of minor silica	fractrs below									
			alt around fractr surfaces up	46° TCA									
			to 8.0cm pervasive into core.										
			V minor lim @ BOI										
		*	78.25-78.5 strong silica & moderate		2-3?				2chl	2%	2%		
			chl alt surrounding 2cm qz						0-1lim?				
			vein with calcite inclusions &										
			mineralized with AsPy & Py										
80.00	82.16	GRD	moderately chl'zd along fractr/joints						2lim				
			~~&~~ strong lim alteration on fractrd						1-2chl				
			joints.										
		*	81.82-82.16 zone of intense					1	3lim				
			lim alteration associated w/						1-2chl				
			calcite veins up to 2cm										
			chl clay associated with sub zone										

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Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-03

Date: Aug 23 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
82.16	84.00	GRD	minorly fractrd GRD fractrs						2chl				
			exhibit mod chlzn halos around						1-2hem				
			fractrs up to 2cm with hematite										
			weathering limited to hematite										
			fractrs										
84.00	89.90	GRD	GRD with low fractr density	Variable					1chl				
			fractrs associated w/ minor	fractr orientation	1?				1hem				
			sil alt? & minor chlzn										
			trace hematite weathering on										
			fractr surfaces										
89.90	90.25	GRD	moderate chl alteration						2chl				
			with moderate - strong fractr density						1hem				
			zones of minor sil alt 65-80° cl										
			fractr surfaces. minor hematite										
			specks										
91.25	93.45	GRD	low fractr density coherent					0.5					
			core, trace carbonate on										
			fractr surfaces. trace Hem&chl						0.5chl				
			alt on fractr surfaces.						0.5Hm				
		✱	91.80 - Qtz vein 2cm thick										
93.45	99.55	GRD	zones of moderate to strong	fractrs >45°					2hem				
			chl alteration confined						2chl				
			to fractrs. 4cm of alteration										
			halos on larger alt zones										
			up to 25cm, mod hematite										
			alt present in sub parallel TCA										
			fractrs										

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17

Date: August 23rd

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
99.55	111.00	GRD	GRD with qlt joints containing	shallow to						1	1		
	EOH		Aspy mineralization up to	mod ∠ joints									
			10 cm zones associated with										
			minor chl alteration										

TCSNAMB
C C

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Cover Page, Diamond Drill Log

Project: 2K
Client: Provenance Gold Corp
Hole No: 2K-17-04

Date: August 24
Page No. 1
Logged By: SG

Core Size: NQ

Easting (UTM): 553318	**Northing (UTM):** 6971829	**Elevation (m):** 1086	**E.O.H. (m):** 201
Azimuth: 270	**Dip:** -45	**Date Started:**	**Date Finished:**
Down-hole Tests: Ezy Shots at 27m, 155m & 201m			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.18	11.00	Rubble Zone	completely decomp. GRD with zones of clay upto 15 cm intact core has no competency. Rubble represents JV coarse sand to granules. core breaks apart under hand pressure (friable). mod-strong lim alt throughout. mod-strong arg alt?			2-3?			2 lim				
11.00	16.00	GRD	increased competency of core. still strongly decrepetated, decreased lim alt. minor to moderate chl alteration as mafic minerals moderate ARG alt? zones of intense fracturing upto 40cm. minor hematite alt speckling throughout core	fracture orientation in TCT. Joints are 45-90° TCA		2?			1 lim 2 chl 1 Hem				

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-04

Date: August 24

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
16.00	18.00	GRD	GRD with increased fractr density and increasing clim Salt from mod → strong To BOI. Hem associated w/ fractr network, mod chl alt throughout intv. minor Hem alt Specules throughout.	chaotic fractr orientation					2-3 2cm 2chl 1 Hem				
18.00	21.88	Rubble zone	intensely fractd GRD with moderate chl alt & minor hematite specules throughout. trace Mag alt						2chl 1chl 0-1 Mag				
		☆	19.90-20.10m fine grained mafic dyke surrounded by intensely fractd rock.										
21.88	30.00	GRD	Moderately fractd GRD with pervasive chl alteration & chl. clay on some fractr surfaces, & small zones up to 10 cm with limonite alt in fractrs & minor moderate hematite alt specules throughout intvl.						1chl 1-2 Hem 1cm				
		☆	27.60-27.70, chloritic alt clay zone Rubble surrounding clay zone.						2chl				

CENAM

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-04

Date: August 24th 2017

Page No. 3

Logged By: SCS

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
30.00	33.00	GRD	Moderately fractrd GRD	chaotic fractr					1-2ch				
			with mid-mod chl2a of	orientation					2Mn				
			matic minerals, minor hemat, in						1Hem				
			on fractr surfaces, moderate						0-1Bln				
			Mn alt on fractr surfaces										
			trace lim alt on fractr surfaces										
33.00	37.40	GRD	strong to intensely fractrd						3ch				
			GRD with strong pervasive chl						3Hem				
			alteration & zones of strong						2Mn				
			lim alt associated with										
	minor carbonate in fractr		certain fractrs. Zones of										
			strong-intense hem alt speckles										
			intermittent within interval										
			hematite speckles could be										
			'spar introduction?										
		★	33.28-34.01 strongly Mn alt						3Mn				
			GRD with strong chl alteration						3Chl				
		★	37.00-37.15 zone of strong										
			pervasive hem alt or 'spar										
			introduction?										
		★	35.70-36.20 V. Strongly chl						3Chl				
			altered GRD with intense						2Mn				
			fracturing (breccia?) moderate										
			Mn alt										

CSNAM

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-04

Date: August 24th 2017

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
37.00	39.40	GRD	Strongly fractd GRD						3Hem				
			with strong lim alt on						2-3chl				
			on joint surfaces moderate						1 Hem				
			-strong chl alteration pervasive										
			but strongest on fractr surfaces										
			minor hematite specules.										
39.40	41.62m	GRD	moderately fractrd GRD						2-3Hem				
			with moderate to strong Hematite						1-2chl				
			specules throughout core.						2clay				
			minor to moderate chl										
			pervasive throughout core &										
			zones of moderate chl & Lim										
			alt clay. 1cm Qtz vein?										
			@ 40.10m										
41.62	43.12m	GRD	moderately fractrd GRD w/		1?				2Hem				
			moderate Hematite specules						3chl				
			Zone of strong chl alt with										
			strong fracturing 30cm long										
			possibly silicified?										
43.12	44.22	GRD	moderate-strong fractrd GRD						3chl				
			with ~~matt~~ strong pervasive chl						3Lim				
			alteration with zones of strong						1clay				
			lim surrounding ~~fract~~ fractes										
			up to 5cm (minor chl & lim										
			clay at BOI.										

C3NAM

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-04

Date: August 24th 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
44.22	51.00	GRD	minor-mod fractrd GRD						1chl				
			with minor chl alteration pervasive		1?			1					
			mod to strong chl clay						1clay				
			along fractured zones of silicif.										
			surrounding a few fractrs. some										
			minor calcite veins with										
			minor carbonate on fractr surfaces.										
			increasing clay content towards										
			BOI.										
51.00	68.28	GRD	minorly fractrd GRD with	Joints >45°	1?			1	2chl	trace			
			zones of joints at moderately	TCA				0-1 Rim					
			chl altn. 4cm Qtz vein @										
			54m. small zones of silic up to										
			2cm around joints. minor										
			carbonate on fractrs. minor increase										
			of pervasive limonite to BOI										
			as well as a minor fractr/joint										
			density increases. pyrite mineralization										
			in silicific? zones.										
68.28	69.28	GRD	moderately to strongly fractrd	chaotic fractr	1?				3chl				
			GRD with strong dark green	orientation					2sericite?				
			chlzn with minor clay on										
			a few fractrs @ BOI, minor-mod										
			silicification and chl alt? serpentine										
			on fractr surfaces?										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-04

Date: August 25th

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
69.28	70.93	GRD	Moderately fractd GRD with mod chl & hematite alteration pervasive throughout interval minor clay on some joints						2 chl 2 Hem				
70.93	72.92	GRD	strongly fractd GRD with strong pervasive chl, minor clay on some joints. minor-mod carbonate throughout minor hematite speckles @ TOI & BOI. minor Aspy mineralization?	chaotic orientation of fractrs				1-2	Schl 1clay	trace?	trace?		
72.92	75.17	GRD	min-mod fractd GRD w/ min chl alt, on fractrs. min Hem alt pervasive in core	fractrs & >80° TCA					1chl 1Hem				
75.17	78.00	GRD	Strong-intensely Fractd GRD with strong chl alteration zones of chl & sil alteration up to 20cm, 2cm Qtz vein @ 76.10m. possible fault/shear zone. with zones of brecciation moderate hematite speckles pervasive throughout 77.75-76.0 zone of silicification with mineralization Aspy disseminated throughout strongly fractd	zones of chaotic shear fractrs & brecciation	(-2?)				3chl 2Hem	1%	1%		

CSNAM

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-04

Date: August 25 2017

Page No. 7

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
77.00	80.06	GRD	mod - strongly fractured GRD	stringers / fractures				1	1clay				
			with min-mod pervasive	have high angle					1Hem				
			limonite & minor pervasive	TCA					1clay				
		zones of	calcite stringers associated										
			w/ minor clay zones, minor										
			chl throughout into										
			increasing fracture density @ BOI										
			with minor increase in limonite										
			& clay zone at last 10cm										
					1-2%				2clay				
80.06	83.40	GRD	high angle (>60°) moderately						1Hem				
			fractured GRD with zones						0-1Jar				
			of moderate chl/sili alteration										
			surrounding certain joints/fractures										
			alt. penetrates up to ~4 cm										
			into the Rock, minor hematite										
			specules throughout int.										
			& minor limonite on a few										
			fractures										
83.40	85.25	GRD	Increased fracture density (mod-strong)						1clay				
			with zones of clay & with						1Hem				
			chl alteration, less alt increase						2chl				
			@ BOI associated w/ fracture						1Jar				
			density increase, minor hem alt										
			specules associated w/ alt										
		fracture	minor carbonate stringers										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold corp

Hole No: 24-17-04

Date: August 26 2017

Page No. 8

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
85.25	87.86	GRD? ALT(GRD)?	intensly fractd & clay altered GRD with a bright pistachio green/mint colour. Carbonate clay/silt & clay in fractes. moderate - strong hematite alt speckles throughout. Intrusive at strong alt. throughout. Clay possibly Arg? 87.81-87.86 Rubble zone Shear zone? good recovery, highly fractd		1	3		2	2-3chl 2 Hem 3clay 1Bio?				
87.86	88.86	GRD	strongly fractd GRD w/ strong lim O/alt w/ minor Hem throughout competent core Calcite stockworks veinlets. minor pervasive chlorite?	chaotic fracing					3Bio 1chl 1calcite 1Hem				
88.86	93.00	GRD	8800 shear structr? 60° TCA strongly fractd GRD with zones of Intr clay alteration and clay on fracts/joint surfaces clay is a mint green colour. carbonate stockwork veinlets throughout int. moderate chl alteration & minor Hem mod lim alt throughout core int. minor Hematite O/at					2	2chl 1-2Hem 1Hem				
		*	89.0-89.50 Clay Rich Rubble zone										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp.

Hole No: 24-17-04

Date: August 26 2017

Page No. 1

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
93.00	95.00	GRD	strong to intensely fractured GRD with high density carbonate stockwork (veinlets etc. moderate limonite alteration pervasive minor to moderate chl alt'n & associated chl alt clay on fracture surfaces ranging from dark green to mint green. Local hematite specks.	stockwork calcite veinlets				1	2 kaol 1-2 chl 1 Hem				
95.00	96.72	Rubble Zone	See above description. Rubble zone, more clay alteration & mod-strong lim alt on fracture surfaces					1	2-3 Kaol				
96.72	98.10	GRD	strongly fractured GRD with stockwork calcite veins. mod chl alt & mod lim alt on fractured surfaces, mod hem alt specks throughout						2 chl 2 Kaol 1 Hem				
98.10	100.10	GRD	Strongly fractured GRD with zones of clay alt & stockwork veins of carbonate? Dolo? moderate chl alt & minor Hematite specked alt. mint green clay on some fracs 99.20-99.55 intense stockwork veining with dolo? infill 1:22 only on pervasive alt at vein. mint green clay					3?	2 chl 1 Kaol				

C.S/AM

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-04

Date: August 26 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
100.10	108.00	GRD	Mod-Str fractured GRD with minor lim clay & alt on fract surfaces. minor Hem alt & carb veinlets infilling some fractures. Zones of minor chl clay on fract surfaces fract intensity increases to BOI	joints 60° TCA shallowing To BOI					1 Hem 1 lim				
108.00	110.17	ALT GRD	intensely fractured GRD w/ strong lim alt & moderate-strong chl alteration, calcite veinlet stockwork present & moderate Hematite alt speckles minor chl clay on fract surfaces					1	3 Hem 2 Chl				
110.17	110.78	ALT GRD	Pink moderately fractured ALT GRD w/ intense hematite alt & mint green clay on fractures int. appears to be silicified? Unsure could be felsic dyke mod		1				3 Hem				
110.78	111.34	ALT GRD	strongly fractured GRD w/ strong lim alt & moderate chl alt on mafic min. moderate Hem alt speckles pervasive. minor carbonate on fract surfaces					1	Chl 2 Hem				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-04

Date: August 27 2017

Page No. 11

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
111.34	112.40	ALT GRD	Pink - moderately fractured ALT GRD		2-3?				Hem				
			with intense pervasive hematite						2-Sch	1?			
			alteration mint green clay zone										
			@ TOC, entire interval appears										
			to be silicified? fine grained										
			rock ie felsic dyke?										
112.40	118.00	GRD	Moderate to strongly fractrd					2	1-2cm				
			GRD with carbonate infill						2cm				
			veins up to 0.5cm Some veins										
			exhibit mod-strong alteration										
			pervasive minor hematite specks										
			weathering.										
		*	115.37-115.50 zone of ALT GRD/		2-3?				3-4cm				
			felsic dyke. pink fine grained mineraly										
			fractrd zone with intense										
			Hematite alt										
118.00	120.45	GRD	Moderately-strongly fractrd GRD					2	2-4cm				
			with pervasive/strong limonite						1 cm				
			alteration w/ minor (chl) alt										
			of matic min. mod hematite alt										
			specks pervasive. Fractrs										
			infilled with carbonate, veinlets										
			up to 2mm					1	1 Hem				
120.45	125.16	GRD	Moderately fractrd GRD with	fractrs orientation					2-3cm				
			limonite salt on fractr surface	very but generaly									
			with minor carbonate on fractrs.	30|65° TCA									
			Minor Hematite specks pervasive										

zones of strong alt associated w/ elevated carbonate infill

Aurora Geosciences Ltd.

Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-04

Date: August 2~~8~~ 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
125.16	126.30	GRD	mod fract GRD with mod pervasive limonite alt. minor green clay on joint surfaces. minor Hem speckles alt.						2lim				
126.30	128.25	GRD	mod-strongly fract GRD with minor carb infil & minor lim alt on fract surfaces. minor hem speckles alt pervasive					1	1clm 1Hem				
128.25	130.86	GRD	Strong. intensly fract GRD with carbonate infil & mod limonite alteration on fract surfaces ~~zones of~~ minor chl alt. chl alt predominantly on fract surfaces. minor clay on fract surface. mod Hematite speckle alt throughout int.	chaotic orientation				1	2lim 1chl 1Hem				
130.86	133.28	GRD	mod fract GRD w/ carbonate stockwork veinlets & minor pervasive lim & hem alt. v minor chl alt of mat min? ~~zones~~ zones at joints with minor clay alt on joint surfaces.	Stockwork veinlets w/ chaotic orientation				1	1clm 1Hem 0-1chl				

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Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-04

Date: August 27 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
133.28	134.83	Alt GRD	Gradational contact over 46cm at Top contact (TC) strong-intensely fractured Alt GRD with strong hematite & chl alt. fractures exhibit hairline green clays, carbonate & stockwork veins throughout interval. Zone of silicification @ 134.32 - 134.74m trace py mineralization? in surficial pits of silic zone. Sharp Bottom contact (BC)	chaotic fracturing	2			1	3chl 3Hem	trace?			
134.83	136.17	GRD	Sharp TC. moderately fractured GRD with minor chl-hem alt in fractures. minor chl alt also present on fract surfaces, minor pervasive Hem speckle alt. Sharp BC.						1-2 Hem 1chl 1Hem				
					1	2-3		1	1-2 Hem 2 chl				
136.17	145.96	Alt GRD	Sharp TC. strong to intensely fractured Alt GRD with Qtz & carbonate stockwork veinlets. pervasive mod-strong Hem alt throughout strongest in veinlets/fractures. Mod - strong ARG alt throughout, pervasive mod Chl alt with chl alt clay along zones at fracture surfaces.										

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Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-04

Date: August 27 2017

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Logged By: SCy

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
145.96	146.417	Rubble	See above description										
		Zone	136.17-145.96, same unit										
			but rubbly										
146.42	148.73	Alt GRD	See above description										
			136.17-145.96										
		☆	147.35-147.43 zone of										
			increased hematite alteration										
			to strong hematite alt.										
148.73	154.77	Alt GRD	Sharp TC, intensly fractrd	General 30° TCA				1	3 Sch				
			& strongly chl, talc Alt GRD	shear fabric					3 Hem				
			intense pervasive lim alt						2 Hem				
			& pervasive strong chl alt.										
			mod-strong hem talc zones of										
			minor effervescence.										
			Sharp BC										
154.77	156.08	Alt GRD	Sharp TC, mod-strong fractrd					1	3 Hem				
			Alt GRD with strong pervasive						2 Chl				
			lim alt and mod chl alt						2 Hem				
			strongest along fract planes.										
			moderate Hem & specular alt. minor carb										
			Sharp BC										
156.08	201.00	GRD	Sharp TC, weathered medium	Joints 25° TCA									
	EOH		grained GRD, interspersed										
			Chlorite zones at dark green										
			chl alteration along and around										
			veins/joints, pervasive 5cm										
			from source.										

☆ 170.90 - 171.23 Qtz vein with pyrite mineralization minor Hematite alteration throughout sharp contact top and bottom. minor chl alteration present

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-04

Date: August 27 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
156.00	201.00	GRDR	174.97-175.22 zone of					1	3Chl				
	EOH		strong chl alt in int. II						1-2Hem				
			cross cutting calcite emplacement										
			minor to mod Hem alt throughout										
		X	181.20-181.60 moderate to						2-3Chl	1			
			strong zone of chl alteration										
			with 0 minor-trace pyrite mineralization										
		X	181.66-188.30 ~ intermittent										
			minor pervasive lim. alt										
		X	192.80-193.10 zone of			1			2Chl				
			moderate chl alteration &						2Hem				
			mod Hem alt & minor						1Hem				
			Hem & ARG alt.						1				
					2				2Chl	1			
		X	197.15-197.35 zone of										
			mod chl & silicification										
			minor py mineralization										
			EOH										

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Cover Page, Diamond Drill Log

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-05

Date: August 29 2017

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Logged By: SG

Core Size: NQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.10	7.35	Rubble Zone	intensely decrepitated GRD with zones of mild core competency strong Mn alteration on fract surfaces & strong ARG alt pervasive moderate - strong pervasive lim alt. Zones of clay alteration			3			3 Mn 2-3 Lim 1-2 clay				
7.35	9.5	GRD	moderately decrep. GRD with mod-strong surface pitting zones of intense limonite alt. Zones of silicification? mod-strong Mn alt on fract surfaces		1?	2			2-3 Lim 2-3 Mn				

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-05

Date: Augst 29 2017

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Logged By: SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration Silica	Alteration Argillic	Alteration Phyllic	Alteration Carb	Alteration Other	Mineralization Py (%)	Mineralization Arseno (%)	Mineralization Other 1(%)	Mineralization Other 2 (%)
9.5	14.00	GRD	mod-mod fractrd GRD with		2,3?	1			Sl.m				
			with recurrid intermittent										
			zones of strong - intense										
			limonite and silica alteration										
			zones up to 11 cm. Qtz stringers										
			/veins within 1.5m alt zones										
			minor pervasive ARG throughout										
			most interval.										
14.00	16.90	GRD	moderately - strongly fractrd						1 Mn				
			GRD with minor() surficial oxidation						1 Lm				
			fractrs contain minor Mn & minor()										
			lim alt										
16.90	18.55	Rubble	Zone of Rubble with small		1?				1 Lim				
		Zone	zones of lim & Mn alteration						1 MN				
			clay alteration throughout						1 clay				
			possible minor silicification										
18.55	21.36	GRD	See previous Description										
			(4.5 - 14.00m)										
21.36	23.10	GRD	moderately fractrd GRD with mod							1 Lm			
			lim alteration assoc with joints							1 Mn			
			also minor Mn alt associated as well										
			to mod										

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-05

Date: August 29 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
23.10	24.79	GRD	Minorly fract GRD w/ intense lim alteration pervasive throughout. Qtz remains unaltered. Qtz stringers @ present minor vugs in Qtz stringers 3mm wide. no core pieces longer than 13cm. could be broken by larger fractrs						3 Lim				
24.79	29.00	GRD	minorly fract GRD with minor lim alt on fractr. minor Mn alt on fractr surfaces	Joints @ 60° TCA					1 Mn 1 Lim				
29.00	29.47	GRD	Jointed GRD with minor ARG alt	Joints @ 60° TCA		1							
29.47	37.72	GRD	Jointed GRD some joints exhibit minor to moderate lim alt & minor Mn alt		1				1 Mn 1 Lim				
		*	32.90 - 33.10 Qtz vein exhibiting silica alt in small area around vein?										
37.72	38.64	GRD	Mn fract GRD with fractrs strong limonite and silica alteration pervasive into rock up to 4cm		?				3 Lim				

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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-05

Date: August 29 2017

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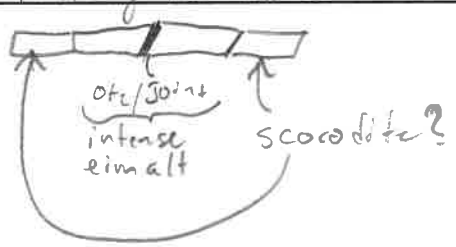
Logged By: SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
38.64	41.36m	GRD	Jointed GRD	Joints >60° TCA									
41.36	41.72	GRD	Jointed GRD with silicification up to 2cm from joint surface. v. minor lim alteration	Joints ~70° TCA	1-2?				1-2cm				
41.72	44.90	GRD	Minorly fract'd GRD with one fract'r having dark green chl alt? @ 44.40 m Shallowly dipping joints to depth to 45° TCA.						chl?				
									1 Mn				
44.90	46.37	Rubble Zone	Rubble zone with minor-mod clay on fract'r surfaces, minor lim & Mn on fract'r surfaces.						1 lim				
46.37	57.90	GRD	minor-moderate fract'd GRD w/ recurring intermittent zones of strong-intense limonite & silica alt'n surrounding joints/fractures. Zones of scorodite? alt'n penetrating into cracks. up to 2cm zones of lim thin scorodite alt'n show minor Hematite specular alt'n. Qtz veinlets throughout. small zones of strong Mn alt'n	30-60° TCA					1 lim 2-3 scor? 1 Mn				



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Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-05

Date: August 30 2017

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Logged By: SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Alteration: Argillic	Alteration: Phyllic	Alteration: Carb	Alteration: Other	Mineralization: Py (%)	Mineralization: Arseno (%)	Mineralization: Other 1(%)	Mineralization: Other 2 (%)
57.40	58.17	GRD	moderately fractured GRD						1Lim				
		Rubb?	fractures sub parallel										
			& TcA minor Mn alt on										
			fracture surfaces minor lim										
			alt as well										
58.17	59.95	GRD	GRD with v. minor lim						1Lim				
			& scord/chl alt on joint surfaces										
59.95	66.46	GRD	Moderately jointed GRD with						2Lim				
		pervasive	moderate to strong lim alt						1Scord				
			on joint surfaces & constrained										
		up to 2cm	to joint moderate to strong										
			scord alt radiating fine										
			lim altd joint zones at 0-2										
			stringers? minor carbonate										
			in joint ~~zones~~ alt zones.										
66.46	68.13	GRD	~~moderately~~ moderately jointed GRD						1Lim				
			with minor pervasive lim						1mc				
			~~stringers~~ stringers through intv. v. minor										
			Mn on fract surfaces										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-05

Date: August 30 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
68.13	78.17	GRD	See above Description					1	3 lim				
			46.37 - 57.40						3 Scar				
		✱	~~68~~.62 - 68.72 stock										
			work qtz veins cross cutting										
			strongly lim altd GRD, with										
			minor carbonate on fractures										
78.17	81.14	GRD	Minorly fract'd GRD w/					1	2Scar				
			fracs filled with carbonate										
			& pervasive scorodite up to										
			2cm from mod fracs										
81.14	87.72	GRD	minorly jointed GRD, joints		1?				1-2 Lim				
			exhibit mod lim alt transitional						1-2 Scor				
			to surface pervasive scorodite										
			alt up to 4cm into enrock										
			zones of pegmatite or silicification										
			zone										
		✱	81.17 - 81.33 light pink to							1%			
			white pegmatite? minor										
			pyrite present on mineral boundaries										
		✱	82.03 - 82.19 white ~~Fzd~~							1%	1%		
			Qtz zone, vein? pegmatite?										
			py & Aspy on fract surfaces										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-05

Date: August 30 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
87.72	91.25	GRD	v. minorly fract GRD. Zones		1	0.5							
			dev. minor silicification ? zones										
			of trace Arg alt around 87.90m										
91.25	92.62	GRD	v. minorly fract GRD with			2			2 Scor				
			? zones of moderate to										
			strong Arg & scord alt										
			surrounding fractures or joints										
			minor to strong lim alt										
			on fract surfaces.										
92.62	103.11	GRD	Unaltered GRD with few						1 Scor				
			fractures some exhibit v. minor										
			scord alt on surfaces of fractures.										
			Texture @ 98.10										
		★	98.75 – 98.90 Zone of 3										
			minorly scord altd fractures										
			scord pervasive up to 1cm										
103.11	110.92		Minorly fract/jointed GRD	joints 70 TCA°				1	1Lin				
			joints exhibit mod to strong						2 Scor				
			scord. fract/joints have minor										
		Qtzt	carbonate infill. minor lim										
			alt?										

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-05

Date: August 31 2017

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Logged By: SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
110.92	114.08	GRD	coherent GRD with few joints. joints have trace amounts of lim & scord alt passing to lam in c. rock						trace scord trace lim				
114.08	117.27	GRD	Minorly Jointed GRD. Scord alt around joints up to 4cm into c.rock, scord alt is mod to strong, moderate carbonate present in alt zones					1	2-3% scord				
117.27	119.27	GRD	Competent GRD with few joints & fractures, no major alterations										
119.27	126.42	GRD	Moderately jointed GRD, mod to strong scord alt around joint surfaces, some zones of lim alt in scord alt halos? moderate carbonate present in alt zones.					2	3-5% scord 1% lim				
126.42	139.87	GRD	Moderate to strongly fractured GRD w/ minor pervasive lim throughout minor scord/alt on fracture surfaces 139.0-139.08 zone of moderate limalt & minor scord/alt/clay altered, minor fine speckle alt	General fracture trend = 30°TCA					1-2% lim 1% clay 1% hem				
		minor > rare on fracs											
		HA											

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-05

Date: August 31 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
139.87	140.48	GRD	Mod jointed GRD with minor fine & fleck speckle alt minor carb in alt zone					1	1Lim				
140.48	142.66	Alt GRD	Strong - intensely fractured Alt GRD with 1 zone of strong clay alt between 141.45 - 141.72. strong to intense seard alt throughout moderate fleck speckles throughout moderate ARG alt at cm's of interval. Qtz & calcite stringer veins throughout clay on fractrs. Mod to strong fine alt throughout.			2		1	3 clay 3 scar 2 hem 3 Lim				
142.60	146.16	Alt GRD	Mod to strongly fractured Alt GRD with intermittent zones of GRD, fractrs contain mod to strong fine alt & mod seard alt pervasive zones of strong ARG alt. Mod Hematite speckle alt throughout			3			2-3 Lim 2 hem				

Aurora Geosciences Ltd.

Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-05

Date: August 31 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
146.16	148.00	Alt GRD	strong - intensely fractured Alt GRD with (strong) to intense pervasive & sooted throughout. zones of strong ARG alt mod Hem alt throughout. Qtz & carbonate infilled fractures. zone of carbonate?			3		1	3Lim				
148.00	151.14	Alt GRD	see above description (142.60 - 146.16)	low angle veins 75° TCA infilled w/ chl & Qtz					1Stor				
151.14	155.00	GRD	min-mod jointed GRD. Joints have minor sooted alt pervasive into c.rock up to 1 cm	most joints > 80° TCA									

Aurora Geosciences Ltd.

Cover Page, Diamond Drill Log

Project: 24 **Date:** September 1st 2017

Client: Provenance Gold Corp **Page No.** 1

Hole No: 24-17-06 **Logged By:** SG **Core Size:** NQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
2.96m	10.76	Rubble zone	intensely decrep GRD with 3 strong to intense qtz vn sets of coarse sand, 'core' incompetent & crumbles in hand to coarse sand						3Mn				
10.76	12.09	GRD	incompetent GRD that crumbles under hand pressure, ARG alt no qtz vn alt minor Mn alt on fract surfaces, coarse sand zone in last 20cm			1			1Mn				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-06

Date: September 1st 2017

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
12.04	15.00	GRD	intensly fractrd incompetent GRD core that crumbles int coarse sand under hand pressure zone of clay alt at 20cm. Rubbly sections zones of minor ARG alt, strong -> intense lim alt throughout.			1			3lim				
15.00	17.30	GRD	intensly fractrd GRD with mod to intense lim alt pervasive throughout core. small Rubble c/clay zones present. possible minor 1cm speckle alt.						3lim 1Hem?				
17.30	18.18	GRD	intensly lim alt'd GRD moderate clay alt throughout small 10cm clay zone @ 17.50. core crumbles under hand pressure.						3lim 2clay				
18.18	20.72	GRD	intensly fractrd GRD with strong to intens lim alt pervasive throughout. small clay zones of 10cm present	chaotic fractr orientation					3lim				

Aurora Geosciences Ltd.

Project: 24 **Date:** September 2nd

Client: Provenance Gold Corp **Page No.** 3

Hole No: 24-17-06 **Logged By:** SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
20.22	21.75	GRD	strongly fractrd GRD with pervasive mod lim alt. minor chl? alt of matic minerals. min surface pitting from preferential weathering	chaotic fractr orientation					1chl 2lim				
21.75	23.82	Rubble Zone	highly decrep. GRD with mod Mn alt on fractr surfaces, minor clay on some fractrs, minor ARG alt. minor lim alt pervasive.	Rubble		1			2Mn 1clay 1lim				
23.82	25.53	GRD	Mod to strongly fractrd GRD with 1min lim alt & mod chl alt of mafic mins. pitting in fractrs due to preferential weathering, mod Mn alt on fractr surfaces	predominant fractrs are sub parallel TCA					1lim 2chl 2Mn				
25.53	26.06	Rubble Zone	Mod lim alt'd rubble zone						2lim 2Mn				
26.06	29.06	GRD	Mod to strongly fractrd GRD with zones of wk min lim alt & min chl alt at mafic min, intvl becomes more rubbly @ BOT						1lim 1chl				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-06

Date: September 2nd

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
29.06	31.75	Mafic Dyke	Fine grained black mafic dyke with minor fracture/jointing joints have FeOx alt on fractr surfaces. clay/Rubble zone @ BOI with strong loss of recovery						1 lim				
31.75	35.00	GRD	Mod fractd GRD with minor lim on fractr surfaces mod small zones of pervasive min lim alt around few joints & fractrs.	General joint surfaces 60° TCA					1-2 lim				
35.00	37.93	GRD	Strong - intensly fractrd GRD with intermittent zones of strong lim alt surrounding fractr clusters. TOI has pervasive mod lim alt, minor clay on fractr surfaces					2-3 lim	3 lim				
37.93	38.17	GRD	intensly lim altd GRD with surficial Mn alt on fractrs. zones of mod clay alt						3 lim 2 Mn				
38.17	39.45	GRD	Minorly fractrd GRD. predominantly unaltered, min pervl. lim alt @ BOI (erosional contact										

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-06

Date: September 2nd

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
39.45	41.88	GRD	strong > intensely fractd		1			1-	3Mn				
			GRD with zones of intermittent					2-	3Lim				
			intense perv lim alt with										
			mod lim alt between. Zone										
			of strong Mn alt on fract										
			surfaces. possible Sili zones?										
41.88	44.77	GRD	mod fractd GRD with intermittent		17	1			9Lim				
			zones of min-strong lim										
			alt. possible sili zones?										
			lim restricted to zones										
			around joints pervasive up to										
			10 cm. Minor ARG alt										
			throughout										
44.77	46.21	GRD	predominantly unaltered			1			1Lim				
			minorly jointed GRD with										
			minor ARG alt throughout										
			small zones of minor lim alt										
46.21	47.09	GRD	Mod Fractd GRD with	chaotic fract	1				1-2Lim				
			pervasive minor-mod lim	orientation					1Mn				
			alt throughout, minor										
			Mn alt on fract surfaces										
			10 cm sili zone @ TOI										

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-06

Date: Sept 22nd

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
47.09	47.92	GRD	GRD with trace pervasive lim alt. minerly fractrs						0-1 lim				
47.92	49.40	GRD	strong - intensly fractrd GRD with moderate - up to intense lim alt pervasive in core. lim successions fractr network. possible Qtz vein @ 49 m? min to mod Mn alt fractr surfaces						2-3 lim 1-2 Mn				
49.40	53.94	GRD	moderately fractrd GRD with mod lim alt restricted to fractr surface zones of ARG alt up to 13cm 2 small zones of strong lim alt around fractr. 52.10 - 52.20 qtz vein with strong lim alt and minor scord alt halo minor Hem specular alt	sub parallel fractr other fractrs 60-70 TCA		1			2 lim 1 scd 1 Hem				
			53.10 - 53.36 core of strong lim alt & surrounding strong ARG alt			3			3 lim				
53.94	56.35	GRD	mod fractrd GRD predominantly lim altd, minor Hem alt in some fractr surfaces						1 Hem				

TCSAMBC

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-06

Date: Sept 3 2017

Page No. 7

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
56.35	62.77	GRD	minorly jointed GRD with						2lin	trace	trace		
			moderate surficial lim alt						1-2chl				
			on fracture surfaces min -						1-2ser?				
			mod chl/sericite alt halos around										
			some joints. trace lim alt										
			throughout int. Szone alt										
			Aspy & Py min in trace Quant										
			alt / BOI										
62.77	70.15	GRD	Massive GRD with less						1lin?				
			joints & fctrs. predominantly										
			unalted. possible trace lim										
			alt due to slight pinkness										
			Alkali feldspar?										
			4cm Qtz vein @ BOI										
70.15	75.00	GRD	minorly fractured/jointed GRD			2-3			2chl				
			with mod chl alt restricted										
			to fctrs & joints and penetrating										
			c. rock up to 3cm										
			Bones of mod to strong										
			ARG alt										
		X	70.15-70.36 Zone of			3		1	3chl				
			strong chl & ARG alt & minor										
			clay alt minor carbonate										
			on fctr surfaces										
75.00	79.13	GRD	unaltered massive GRD										

Aurora Geosciences Ltd.

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-06

Date: Sept 3rd 2017

Page No. 8

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
79.13	81.36	GRD	Mod fractd/jointd GRD						1-2% chl				
			with minor to mod chl						1 Hem				
			alt at joints & fractrs up to										
			5cm. Zone at mint green										
			chl clay, minor Hem										
			alt on fractr surfaces										
81.36	84.34	GRD	~~Fractured~~ Mindly fractd GRD	fractrs joint									
			unaltered	35-60° TCA									
		*	82.94-82.99 Qtz vein with Py Min							1%			
84.34	88.57	GRD	Moderately fractd/jointed GRD						1 Hem				
			with zones of minor chl						1 chl?				
			alt pervasive around fractrs.										
			some joints have chl infill										
			minor hem staining on fractr										
			surfaces										
88.57	90.54	GRD	Predominantly unaltered GRD						trace chl				
			trace chl & hem alt on few						trace hem				
			fractr surfaces.										
90.54	94.52	GRD	min-mod fractd GRD with zones					1	1 chl				
			of minor chl alt pervasive; no										
			fractr associations; minor carbonate										
			infill in one fractr zone @ BOI										
94.52	96.48	GRD	Predominantly unaltered GRD										

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-06

Date: Sept 3rd 2017

Page No. 9

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
96.48	100.68	GRD	Moderately fractd GRD			2		17	Chl				
			with intermittent zones of						Hem				
			mod to strong chl alt &										
			mod ARG alt'n some clay										
			on fractr surfaces, minor hem alt										
			zones of minor pervasive chl & carbonate										
			infill on fracture fractrs										
		☆	97.77-97.84 light pink pegmatite?										
100.68	105.00	GRD	Predominantly unaltered GRD										
			possible fracd lim?										
EOH				EOH									

Aurora Geosciences Ltd.

Cover Page, Diamond Drill Log

Project: 24 **Date:** Sept 4th 2017

Client: Provenance Gold Corp **Page No.** 1

Hole No: 24-17-07 **Logged By:** SG **Core Size:** NQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.45	18.5	Rubble Zone	intensly decomp. GRD with strong to intense lim throughout zones of reduced lim alt intensity. Zones of incompetent core with severe surface pitting, mod Mn alt on fract surfaces. Zones of v. coarse sand core crumbles under hand pressure possible org alt						3 lim 2 Mn				
			8.00-10.20m reduced lim alt intensity & possible increased ARG alt. Incompetent core										
			17.10-18.5 minorly comp core with severe surface pitting										
			15.50-16.10 zone of competent chl alt core minorly intensly fract						chl				

TECSNAMB

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-07

Date: Sept 4 2017

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
18.50	19.75	GRD	Strongly fractd GRD with pervasive minor to mod chl alt possible minor lim alt?						1-2chl 1 lim				
19.75	23.86	GRD	Strong - intensly fractd GRD with lim alt on fractr surfaces & zones of increased lim alt intensity. mod - strong Mn alt on fractr surfaces						2-3Mn 2 lim				
			* 20.20 - 21.00 intensly fractd GRD with min - mod surface pitting. mod chl alt & mod pervasive lim alt						2chl				
23.86	35.55	GRD	moderately fractd GRD with mod to strong chl alt with strongest chl alt as fractr infill. minor lim alt throughout Mod Mn alt on fractr surfaces. zones of minor Hem alt on fractr surfaces	predominant fractr orientation is sub parallel				trace	2-3chl 1 lim				
		*	28.87 - 29. minor zone of rubble & mod lim alt.						2 lim				

TCSNAMB
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Aurora Geosciences Ltd.

Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-07

Date: Sept 4 2017

Page No. 3

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
35.55	36.90	GRD	Strongly intensely fractd GRD with mod pervasive chl throughout, mod lim alt on fractr surfaces. Zone of intense lim alt. 2 small rubble zones 10 cm long. VG seen at drilling but lill but. @ 36m.						2chl	1%	2%	Gold trace?	
								2-3%	lim				
36.90	39.28	GRD	Mod fractd GRD with pervasive mod chl alt throughout, minor lim alt on fractr surfaces & minor - Mod Mn alt on fractr surfaces						2chl				
									1lim				
									2Mn				
			37.34 - 37.78 Mn & lim alt'd on fractr surfaces Rubble zone										
39.28	42.61	GRD	Strongly fractd GRD with pervasive mod - strong chl alt. trace lim alt? 0 small zones of hematite veins?	Fractr predom. 45°+to A					2-3chl				
									0-1lim?				
42.61	45.61	Rubble zone	Rubbly GRD with minor to mod chl alt pervasive minor Mn alt on fractr surface						1Mn				
									1-2chl				

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-07

Date: Sept 4

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
45.61	47.33	GRD	min - mod fractd GRD					1	1-2chl				
			with min - mod pervasive						0-1 lim				
			chl alt. trace - minor pervasive										
			lim alt? minor carbonate										
			infill in fractrs										
47.33	49.60	GRD	Strongly fractd GRD with	Fractrs 45°, TCA	1?			1?	2chl				
			pervasive mod chl alt & min						1 Hem				
			Hematite alt veins/fractrs						1 Mn				
			minor lim alt on fractr surface										
			min - Mod Mn alt on fractr										
			surface. zones of silicification										
			@ BOT between 3-6cm in										
			width										
49.60	52.72	GRD	strongly fractd GRD with mod	Sub parallel				1	2chl				
			chl alt pervasive. Hematite	fractrs					1 Hem?				
			veins? present on sub parallel						1 lim				
			fractrs minor lim alt	6cm offset at									
			throughout, minor clay on	chl alt vein along									
			fractd surfs. minor carb	fractr. Destral?									
			present.										
52.72	56.00	GRD	Jointed mod fractd GRD w/ pers. min		1?				1chl				
			chl alt. min lim alt on fractr						1 Hem				
			surfs. min Hem alt on fractr surf.						1 lim				
			Zone of strong chl alt in fractr										
			clustr @ 55.25m. possi. zone										
			of sili alt.?										

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-07

Date: Sept 4th

Page No. 5

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
56.00	58.78	GRD	Mod fract'd GRD w/ small Rubbly zones. Mod perv. chl alt. minor-mod lim/chl clay on fractr surfaces in Rubble zones. min-perv. lim alt. chl alt strongest in fractrs. some Hem speckle alt on fractrs	fractrs subparallel - 30° TCA					2chl 1-2lim 1Hem				
58.78	62.46	GRD	Min-Mod fractr/jointed GRD w/ mod perv chl alt & minor perv lim alt						2chl 1lim				
62.46	64.46	GRD	Mod fract'd/jointed GRD with mod-strong chl alt concentrated in fractrs. minor Hem speckle alt zones. minor carb infill in fractrs. Zone of minor chl altd clay on fractr surfaces					1	2-3chl 1Hem				
64.46	65.22	GRD	See above descrip (58.78-62.46) zones of large euhedral mafic vfls. zones up to 15cm										
65.22	70.33	GRD	Mod to strongly fract'd GRD with mod-strong perv alt throughout chl alt most intense within fractrs, small pink feld zones present zones of clay on fractr surfaces. trace Hem speckle alt throughout.	predominantly low & TCA					2-3chl 0-1 Hem				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-07

Date: Sept 5 2017

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
70.33	72.03	DEG	~~Brec~~ Fractional contact over 3cm										
			Bright pink mod fractd										
			peg? with minor stibnite inclusion?										
			possible chl infill in fractrs?										
72.03	79.85	GRD	Mod fractrd GRD with mod	Chaotic orientation	1				2chl				
			chl alt. in fractrs										
			Sili alt zones on										
			fractrs up to 8cm										
79.85	86.12	GRD	Mod - strongly fractrd GRD	~60° TCA down	1				2-3chl	1	1		
			with mod to strong pervs.	to subparallel					1Hem				
			chl alt. Hematite veins?										
			in fractrs. fractr trace varying										
			shear movement @ 81 38. small										
			zones of sili alt with										
			low percentage Aspy & Py										
			alt										
86.12	96.49	GRD	min-mod fractrd GRD with mod	Zones of 70°	1				2chl	1	1		
			chl & Hem alt in fractrs. Zone	TCA & zone					2Hem				
			of sili alt 6cm wide. Py & Aspy	of sub parallel									
			min in low %.										
96.49	100.46	GRD	Predominantly unaltered GRD		1				0.1chl				
			with minor sili zones along										
			joints trace chl alt on a fractr.										

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-07

Date: Sept 5 2017

Page No. 7

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
101.46	106.54	GRD	Mod-strongly fractrd GRD	low & TCA fractrs					1 Hem				
			with minor Hem-alt in fractrs						1 Chl				
			& min chl alt minerly disseminated										
			around fractrs										
106.54	107.83	GRD	Strongly fractrd GRD with large	no general orientation					3 Chl				
			zones of chl + minor Hem alt						3 Carb?				
			& veins up to 1cm, possible										
			silicification? minor qtz veins										
									1 Hem				
107.83	108.61	GRD	Bottom weathered GRD -										
			moderate fractrs infilled w/ Hem										
			veins										
108.61	111.27	GRD	Mineralized fractrd GRD predominantly						1 Hem				
			fractrd GRD with minor Hem										
			fractrs										
111.27	115.86	GRD	Mineralized fractrd GRD with		1-2%				1 Hem				
			minor Hem veins. 2 silic zones						0-1 Chl				
			@ TOI up to 10cm wide, possible										
			Hem-tan bands to qtz (increasing										
			trace chl on fractrs @ BOI										
115.26	118.25	GRD	Predominantly weathered GRD										

Aurora Geosciences Ltd.

Project: 2k

Client: Prosperity Gold Corp

Hole No: 2k-17-07

Date: Sept 5 2017

Page No. 8

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
118.25	123.90	GRD	Min-mod fractd GRD with minor chl+hem alt on fractr surfaces. minor chl clay on fractr surfaces.	low angle ~25° Tan. fractr X cut xenolith.					1chl 1Hem 1clay				
123.90	125.10	GRD	min fractd GRD with min chl on fractrs & sili alt zones up to 9cm trace mineralization in sili zones		1				1chl	trace	trace		
125.10	129.50	GRD	mod fractd GRD w/ chl alt pervasive and strongest in fractrs. minor Py in veins nearest lodge / 3cm			1			2-3chl 1Hem	1%			
	126.00		Qtz veins minor Hem alt in veins - minor ARG alt										
		*	126 - 126.15 Qtz vein w/ chl alt on edge of vein minor Py										
		*	126.80 - 126.90 zone of increased mafic mineral concentration xtls euhedral in shape										
129.50	129.20	GRD	Strongly fractd GRD with strong chl alt in fractrs + mod pervasive chl alt					2-3chl					

Aurora Geosciences Ltd.

Project: 2k

Client: Provenance Gold Corp

Hole No: 2k-17-07

Date: Sept 6 2017

Page No. 9

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
129.20	130.66	GRD	min. fract GRD with min sili zone? trace chl clt in fract.		1				Chl				
130.66	137.00	GRD	Predominantly unaltered GRD with minor fracturing xenoliths present										
137.00	138.00	GRD	mod fract GRD with mod to strong sili zone. ARG/sericite in sili zone. Qtz vein in sili zone		2-3	1?							
138.00	147.80	GRD	mod fract GRD. Predominantly unaltd. minor chl alt'd in fractrs						Chl				
147.80	148.20	GRD	Zone of mod to strong sili/chl alt. minor Hem alt in fractrs. strongly fractd	Fractrs Perpendicular to CA	2-3				2% Chl 1% Hem				
148.20	150.80	GRD	Predominantly unaltd GRD minorly jointed										
150.80	151.75	GRD	Mod fractd GRD w/ mod pervasive chl alt. chl alt strongest in fractrs.						2% Chl				

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-07

Date: Sept 7 2017

Page No. 10

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
154.75	155.42	GRD	mod to strongly fractrd GRD						2chl				
			w/ mod chl alt. in						1chl 1Hem				
			fractrs w/ strong Hem alt veins										
			the centre. 0 minor Qtz										
			stringers associated w/ chl/Hem										
			veins										
155.42	161.00	GRD	min-mod fractrd GRD w/	45-65° TCA @					1chl				
			minor chl infill in fractr	TOT					1Hem				
			small zones of hem vein alt	Subparalled @ BOT									
161.00	161.38	Rubble Zone	~~Fract~~ Rubbly GRD w/ low angle						1chl				
			fractrs & min chl alt										
161.38	163.76	GRD	~~min~~ min fractrd GRD w/		3				2Sericite?		2-3%		
			zones of strong sili alt &										
			surrounding 4cm qtz veins										
			& mod sili zones surrounding										
			fractrs. 3cm sili zones?										
			Arseno min in Qtz veins								1?		
			Sili Zones up to 50cm		1								
163.76	172.14	GRD	min fractrd GRD w/ small		1				1chl				
			zones of sili up to 4 cm										
			around joints & sili zone										
			around Qtz vein @ 169.40 up to										
			10 cm minor chl alt fm										
			subparallel TCA fractrd. possible										
			Arspy ~~mit~~ mit in sili zones										

Aurora Geosciences Ltd.

Project: ZK

Client: Provenance

Hole No: ZK-17-07

Date: Sept 7 2017

Page No. 11

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
172.14	180.10	GRD	minorly fractd GRD. Predom.						①Hem				
			unaltd GRD. ~~trace~~ trace hem alt										
			in fractrs at small zones.										
		☆	175.00-177 - trace lim alt?						0-①lim?				
			↑ perv alt										
180.10	181.00	GRD	Predom unaltd GRD small										
			shear zone @ 180.10 w/										
			hem alt veins										
181.00	185.20	GRD	min jointed predom ~~unaltd~~ ↑ slt GRD		1					2?	2?		
			w/ minor sili alt zones										
			on joints perv. up to 10cm										
			into crack ~~in~~ Aspy t										
			Py min in small sili zones										
185.20	191.46	GRD	Predom unaltd GRD										
191.46	192.70	GRD	mod fractd GRD w/ mod perv						2 lim				
			lim alt? fractrs contain						+2chl				
			min-mod chl±Hem alt						1-2 Hem				
			one showing at Qtz stringer										
192.70	197.40	GRD	Predominantly unaltd GRD		1					tr	1%?		
		☆	196.12-196.32 Sili zone w/										
			minor Aspy min?.										

Aurora Geosciences Ltd.

Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-07

Date: Sept 7

Page No. 12

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
197.40	199.70	GRD	Min - Mod fractd GRD with min chl fchem alt constrained to fractrs						Chl Hem				
199.70	203.00	GRD	Predom unaltd GRD small felsic dyke @ 200.50.										

Aurora Geosciences Ltd.

Cover Page, Diamond Drill Log

Project: 2K
Client: Provenance Gold Corp
Hole No: 2K-17-08

Date: 07 Sep 2017
Page No. 1
Logged By: AC
Core Size: HQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m): 171 m
Azimuth:	Dip:	Date Started: 27 Aug 2017	Date Finished: 29 Aug 2017
Down-hole Tests: Ezy Shots @			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
3.0	30.60	GRD	-3.0-14.15m - Mod-strong decrepitated Strongly fractured, reduced to rubble in zones. Argillic alt, lim & Clay. Common surficial pitting in competent pieces.			3			2 LIM				
			-14.15-17.58m - Increase in competency, similar to above description			2			2 LIM				
			-17.58-19.10m - Minor surficial pitting, mostly competent. Mod fractured, weak-mod alt. Mod-strong lim in joints. Small RZ at 18.56m			2			2 LIM				
			-19.10-21.65m - Mod fractured patchy argillic alt, decrease in lim alt. Small zones of increased alt			1			1 LIM				
			-21.65-30.60m - Mod-Strongly fractured. Small zones pervasive lim alt adjacent to joints up to 20cm wide - silicified at 23.60m. Fractured pegmatite vein/dyke? 8cm wide at 24.50m w/ mod chl alt adjacent to contact > dk grn. Patchy weak hem on dyke. 2cm lim + clay gouge at 24.83m lim common on joint surfaces		1				2 LIM 1 CHL 1 HEM				

Aurora Geosciences Ltd.

Project: 2K

Client: PGC

Hole No: 2K-17-08

Date: 07 Sep 2017

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Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
3.00	30.60	GRD	+21.65-30.60m (cntd) Alt, silicified zone		1				2 LIM				
			from 27.86-28.30m w/ qtz vein 7cm						1 CHL				
			wide & poss. mineralization - increased										
			fracturing in this zone. Lim alt decreases										
			towards lower contact										
30.60	32.30	DIORITE	Series of small mafic dykes + CR.	Variable contact	1			1	2 LIM	1	1		
		+ GRD	Dykes strongly fractured, strong lim alt	angles btwn					1 clay				
			at joints - RZ btwn 31.75 - 32.05m - minor	45 - 60°									
			clay. Sharp contacts. Calc stringers & infil										
			on joint surfaces. Qtz vein w/ mineralization										
			strong lim alt & clay at lower contact w/										
			dyke - pyr & arseno present. CR between										
			dykes strongly alt. 11cm, 3cm & 70cm respectively										
		18 cm	Silicified zone immediately below last dyke.		2								
32.30	37.32	GRD	Strongly fractured, mod° lim alt commonly in						2 LIM				
		32.30 → 35.40	joints, some surficial pitting. Alt & frac										
			frequency decreases w/ depth. 32.5-32.65m										
			some silicification, poss mineralization, strong										
			lim.										
			+ 35.40-37.32m Mod fractured, small felsic		1				1 LIM				
			pegi veins w/ minor patchy hem alt. Silicified						1 CHL				
			zones w/ possible sacroidite alt. Some qtz						1 HEM				
			stringers. Possible mineralization in silicified zone										
37.32	39.30	DIORITE	Series of small mafic dykes 22cm, 4cm, 102cm	Variable				1	2 LIM				
		+ GRD	& 1cm wide respectively, with CR in between.	contact angles									
			Mod - Strongly fractured, rubble zone from	btwn 50-80°									
			38.35-38.53m w/ strong lim alt & clay.										
			Brecciated vein in CR w/ CHL alt. Calc										
			stringers common in dykes										

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Project: 2K

Client: PGC

Hole No: 2K-17-08

Date: 07 Sep 2017

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Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
39.30	40.08	GRD	Mod lim confined to joints, carb stringers, Mod fractured, weak pervasive chl.					1	1 LIM 1 CHL				
40.08	42.45	DIORITE	Highly fractured, reduced to rubble in zones w/ minor clay. Carb stringers common. Slickenlines on joint surfaces. Weak lim alt at contacts. Sharp contacts ~ 50° TCA	~ 50° TCA				1	1 LIM				
42.45		GRD	-42.45-47.90m Mod fractured, decreasing w/ depth. Weak-mod lim alt, mostly confined to joints. Carb stringers common in top 2m. Small alt zones associated w/ joints & commonly w/ lim up to 2cm wide.										
	•		-47.90-64.40m Weak-mod fractured, felsic peg? veins/dykes? up to 40cm wide at 50.94m. Large alt zones w/ possible scorodite & lim & likely mineralization → 30cm at 48.25m - silicified - possible arsenic. Mostly unaltered GRD w/ avg 40cm peg dykes. Mineralization present in peg dykes - Possible stibnite - fibrous blade minerals. 1 to 1% pyr from 52.0-52.10m ~ 3% oxidation in peg 63.6-64.0m		1				1 CHL	2	1	1 Stibnite?
			-64.40m-69.0m Small alt zones increase frequency. Alt zones silicified, possible scorodite. Zones avg btwn 2-10cm wide. 1cm felsic veins present. Weak-mod fract. Some mineralization in alt zones.		1				1 CHL				
			-69.0-70.65 Mod-strongly fractured, 50cm peg dyke w/ weak patchy hem alt & mineralization. Minor carb stringers. Common 3-4cm wide felsic veins.			1		1	1 HEM 1 LIM 2 CHL	1			

Possible arseno in alt zones at 69.10m. Weak-mod argillic alt, minor lim. Possible scorodite

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Project: 2K

Client: PGC

Hole No: 2K-17-08

Date: 08 Sep 2017

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Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
42.45	79.65	GRD	70.65-79.65: Increased frequency, small		1			1	1 CHL	1	1		
			alt zones, avg 10cm up to 30cm. Alt zones						1 LIM				
			commonly adjacent to joints, silicified &										
			mineralized, possible scorodite. Occassional										
			disseminated pyr through CR. 5cm qtz vein	w/in alt zone									
			at 73.30m w/ scor. Weak lim confined to										
			joints-not common. Mod fractured, occassional										
			Carb stringers. V. minor clay on joint surfaces										
79.65	84.53	DIORITE	Strongly fractured, common carb veins	upper contact ~30°				1					
			& stringers up to 5mm wide. Minor Fe	lower contact ~ 80°									
			staining. Slickenlines present	TCA									
84.53	87.90	GRD +	Mod fractured, weak-mod alt. Small zones		1				1 CHL	1			
		DIORITE	silicified chl, possible scor. alt w/ stringers	upper & lower					1 SCOR				
			w/in & mineralization. 3cm qtz vein w/	contacts ~ 45° TCA					1 LIM				
			mineralization at 85.35m, minor lim +										
			clay on joint surface. Strong zone of alt from										
			85.2-85.55m. 10cm matic dyke w/										
			sharp contacts from 85.68-85.81m.										
			Pos. arsen in alt zones. Small 2cm felsic vein.										
87.90		GRD +	87.90-114.5m Mostly clean GRD, small,		1	1			1 LIM	1			
			weakly silicified zones. Weak patchy argillic						1 SCOR				
			alt. Thin joints/veins w/ scor alt &						1 CHL				
			mineralization, increase frequency w/ depth										
			Minor weak lim confined to joints										
			Weakly fractured, small zones of increased										
			frac. frequency. Rare felsic veins - 3mm wide										
			frequent alt zones up to 25cm wide										
			6hm 108-111m. Weak slickenlines on										
			some joint surfaces.										
			M-C grained, massive										

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Project: 2K

Client: PGC

Hole No: 2K-17-08

Date: 08 Sep 2017

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Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
87.90	138.86	GRD	-114.50m-119.20m f-M+C grained, weakly fractured, banded 3rd on cm scale, conc. matic minerals in random orientations. Small alt zones up to 1cm wide adjacent to some joints. V. minor argillic alt mostly clean.										
			-119.20-123.0m Similar to above description, increase frequency & size of alt zones. 5mm qtz vein in alt zone at 120m. Minor carb infil on joint surfaces. Weak lim/Fe staining on some joints. typical alt zone 5-15cm		1	1		1	kaol	1	<1		
			-123.0-127.25m M-C grained, massive GRD. Weak-mod fractured. 1cm qtz+carb vein w/in strong 40cm alt zone at 125m. alt zone silicified w/ scorod mineralization. Weak alt on joints		2			1	1 Scor 1 CHL	1	1		
			-127.25-131.70m Mod-strong fractured, large alt zones w/ scorod mineralization, common qtz veins up to 1cm, silicified. Weak argillic alt, possible potassic alt at 127.87m. 5cm peg dyke w/ v. minor patchy hem alt at 128.25m. V. minor clay infil on joint surfaces, weak Fe staining. Occassional carb stringers. qtz+carb vein at 127.60m		2	1		1	1 Scor 1 CHL	2	1		
			-131.70m-137.40m - Similar to previous description, large felsic dykes present (peg?) avg 50cm wide. Exsolution present at 133.20m. Disseminated pyr in GR, mostly present in alt zones. Qtz veins up to 5mm present w/in alt zone		2				1 Scor	2			
			-137.40-138.86m Mod fractured, mod altered 10cm pervasive alt immediately above lower contact. Heavily fractured-slightly brecciated from 137.70-137.90m & 138.60-138.86m. Minor carb infil on alt joint surfaces		1			1	1 CHL 1 Scor	2			

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Project: 2k

Client: PGC

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Date: 08 Sep 2017

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
138.86	140.92	DIORITE	Mod fractured. Conspicuous carb veining - stringers/veins up to 4mm wide. Common slickenlines on frac surfaces. Sharp contacts ~perpendicular TCA	~75° TCA contacts				2					
140.92	145.20	GRD	Mod-strong alt. Mod-strong fractured, pervasive dk grn chl?, carb stringers. Some argillic alt and clay present. Strong slickenlines on frac surfaces. Few hematized veins towards lower contact. Soap? on joints-dk grn, soapy texture. Slightly brecciated in small zones. Weak patchy hem alt. Small silicified alt zones w/ possible mineralization.		1			1	2 CHL 1 HEM				
145.20	145.96	DIORITE + GRD	2 small mafic dykes w/ alt CK between 1cm & 40cm wide respectively. Baked/altered margins, contacts deformed - reaction? w/ surrounding CK? 1" is 1cm vein w/ dyke material connects 2 dykes. Strong alt immediately above 2nd dyke, mint grn in colour - chl? Carb stringers present in 2nd dyke	both contacts at 2nd dyke ~ perpendicular TCA ~70° Upper contact ~ 45°				1	2CHL				
145.96	171.00	GRD	~145.96 - 153.10m Mod alt, mod-strong fractured. Carb+clay stringers present + veins up to 5cm wide. Small brecciated zones/shear structures btwn 148.6 - 151m. Upper contact strongly altered & brecciated. Small silicified alt zones w/ qtz veins & mineralization at 147.92m - possible arseno. Slickenlines present. ~153.10m - 158.65m Mod alt, mod fractured, mod patchy hem alt. Small brecciated/shear structures btwn 153.40 - 154.40m, strong slickenlines present. Carb stringers + veins, weak clay. Small silicified alt zone ~1cm wide at 155.1m w/ possible scor alt & 157.77 - 157.93m Hem alt decreases w/ depth from 156.3m		1	2		2	2CHL	1			
						1		1	2 HEM 2 CHL	1			

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Project: 2K

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Date: 09 Sep 2017

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Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
145.96	171.00	GRD	-158.65-163.60m Mod altered, Mod fractured. Ara & hem alt increases, clay veins. Minor shear structures - fractures ~ parallel TCA			2			2Hem	1			
	EOH								2CHL				
			-163.60-166.43m Strongly alt, Strongly fractured, Strong ara alt, weak-mod patchy hem alt, Strong Chl clay gouge present, clay common. Fault zone? Shear structures from 164-164.60m & 165.50-166.20m			3			3CHL	1	<1		
									2Hem				
			5cm weakly silicified alt zone w/ 3mm qtz vein at 166.25m - mineralized w/ diss. arseno										
			-166.43-169.0m Mod alt, mod-strongly fractured, Small brecciated zone from 167.2-167.5m. Weak-mod patchy hem alt. Carb stringers present. Shear structure w/ strong ara alt at 168.45m			2		1	1 HEM				
									2CHL				
			-169.0-171.0m EOH - Mod-strongly alt, Strongly fractured. Carb stringers & infil on joint surfaces. Strong pervasive ara & chl alt w/ weak patchy hem alt. Small shear structures & slightly brecciated zones			3		1	3CHL				
									1 HEM				

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Cover Page, Diamond Drill Log

Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-09

Date: Sept 8

Page No. 1

Logged By: SG

Core Size: NQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
3.5	6.5	GRD	Mod decrep GRD						1 Mn				
			with mod→strong lim						1 Chl?				
			alt pervasive, min										
			Mn alt on fract										
			surface. possible										
			Chl alt of mafic mins.										
									1 Mn				
6.5	12.58	Rubble	mod - intensely decrep GRD										
		Zone	with zones of decrep										
			GRD into coarse sand										
			min Mn alt on fract										
			surfaces, core crumbles										
			in hand										
12.58	21.27	GRD	min to mod fract GRD						2 Lim				
			with zones of mod to						1 Mn				
			strong decrep GRD.										
			mod (lim alt brown/tan										
			minor Mn alt. on fract										
			surfaces. minor surface										
			pitting										

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Project: 24 Date: Sept 8

Client: Provenance Gold Corp Page No. 2

Hole No: 24-17-09 Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
21.27	24.70	Dyke	min fract'd Dyke with mod to strong lim alt on fract surfaces massive Dyke texture.						2-3Lim				
24.70	25.90		mod-> strong fract'd GRD with low() matic mineral %. min Mn alt on fract surfaces min lim alt on fractrs.						1Mn 1Lim				
25.90	31.40	GRD	min fract'd predominantly unalt'd GRD with zones of trace perv lim alt. lim alt strongest on fract surfaces.						0.5Lim				
31.40	32.00	GRD	min fract'd GRD with small sili zone @ TOI w/ ~~minor~~ increased pyr %? & ~~sl Hb~~ Zone of smaller grained mins compared to surrounding		1								
32.00	36.00	GRD	min fract'd GRD with min lim alt on fract surfaces A small zone of chl alt? interval predominantly unalt'd							1Lim 1Chl?			
36.00	37.00	GRD	min-mod fract'd GRD with zones of trace sili alt around joints, possible trace chl alt around joints?		0.5					1Chl?			

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-09

Date: Sept 8

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
37.00	38.25	GRD	Predom unaltd GRD										
38.25	41.55	GRD	min fract GRD with zones of mod-strong Sili & lim alt on few joints zone of min perv lim alt 10 cm in size @ 38.45m		1-2				1-2Lim				
41.55	55.43	GRD	Predom unaltered GRD w/ few fractrs w/ trace lim alt						0.5Lim				
55.43	56.09	DYKE	Black fine grained Dyke unaltered										
56.09	58.19	GRD	Predom unaltered GRD										
58.19	59.10	Dyke	light pink massive Felsic dyke with disseminated stibnite & min fracturing										Stib?
59.10	60.20	GRD	Predom unaltd GRD possible trace Sili alt?										
60.20	65.10	GRD	Predom unaltd GRD, min surficial lim alt on fract surfaces, possible small zone of sili? @ 63.00m core minorly fract/jointed ~~minor~~ small Qtz stringers @ 62.00m		1?				1-2Lim				

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-09

Date: Sept 9

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
65.10	68.15	GRD	Predom unaltd GRD										
68.15	70.48	GRD/ ± Dyke	light pinkish mod fractd ± massive Dyke w/ min chl alt? disseminated Stibnite intermittent w/ unaltd GRD.						1Chl				1Stib
70.48	71.15	GRD	min-mod fractd GRD w/ min chl clay on fract surfaces & possible 30cm zone of sili alt? ABOI =zone of sili alt more fractd than rest of intvl		1?				1Chl				
71.15	74.57	mfc Dyke	Massive Black mfc Dyke.										
74.57	83.86	GRD	predom unaltd GRD										
		&	TOI (74.57) 25cm possible sili zone		1								
		&	01m trace chl on ~~fract~~ joint surface										
83.86	86.00	M.Dyke	Massive Black mfc Dyke, unaltd										
86.00	87.96	BGRD	min fractd GRD w/ min chl alt in fracts possible minor sili zone @ contact @ BOI		1				1Chl				

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Project: 24 **Date:** Sept 9

Client: Provenance Gold Corp **Page No.** 5

Hole No: 24-17-09 **Logged By:** SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
87.98	90.73	m Dyke	Massive unaltd Mfc Blck Dyke increased rubbly/sss @ BOI 2 or 40cm ✓										
90.73	95.41	GRD	predom unaltd GRD										
			90.73 possible 10 cm sili alt zone		1								
95.41	99.00 EOH	GRD	min jointed GRD w/ 1cm pervasive mod alt halos around some joint surfaces						ICh1				
			95.45-95.70 felsic margin light pink Dyke ~~stor~~ minor disseminated stibnite & minor pervasive chl?						ICh2				1 Stib
			EOH										

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Cover Page, Diamond Drill Log

Project: 24

Client: Provenance

Hole No: 24-17-10

Date: Sept 9th

Page No. 1

Logged By: SG

Core Size: ND

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.01	8.55	Rubble zone	Overburden										
8.55	10.86	Rubble zone	Intensly decrep GRD with strong pervasive lim alt, zones of strong ARG alt, core crumbles in hand to coarse sand			3			3lim				
10.86	12.94	Rubble zone / GRD	mod to strongly Pictd GRD with strong lim alt associated with joints permeating into C rock up to 3cm scaod alt around lim alt seam into c rock Banded Qtz vein @ 12.65m						3lim 1scad				

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-10

Date: Sept 10/14

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
12.94	15.18	GRD	mod - strongly fract'd GRD						3 lim				
			with strong lim alt on joints						1 ch				
			permeating into C.rock up to						1 sericite				
			6cm chl/sericite? alt around						1 clay				
			lim. Zoneal lim clay on						1 Mn				
			joint fractures. Zone of Mn										
			alt w/ lim alt. min										
			Qtz stringers @ 15m										
15.18	16.20	GRD	mod fract'd GRD with			1?			2 chl				
			pervasive mod chl alt throughout						3 lim				
			strong lim alt on fracture surfaces						1 clay				
			min clay on fracture surfaces						1 sericite?				
			slicken sides? Serpentine? on fracture										
			surface? Qtz veins?										
16.20	18.06	Rubble	strongly lim alt'd Rubble zone						3 lim				
			mod (-) Mn alt in zones						1 Mn				
			mod clay s/t in Rubble, Qtz						2 clay				
			stringers in Rubble? comp 1% @ 80°										
		X	16.90-17.10 intact core						1 hem				
			w/ hem speckle alt. strong lim						3 lim				
			alt in fractures										

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-10

Date: Sept 10th

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
18.00	~~20.50~~	GRD	Mod - strong fract-frc GRD	chaotic					2hem				
	19.50		w/ mod fg hem alt speckles						2-3 lim				
			throughout. Qtz stockwork						1 clay				
			veinlets @ TOI. mod - strong										
			lim alt on fract surfaces										
		min	lim clay on fract surfaces.										
		X	18.80-19.96 - felsic dyke?										
			mod fract										
19.50													
	23.64	GRD	min-mod fract GRD with	chaotic	2				2clay		2%		
			lim clay altd Rubble zone						1-2lim				
			@ TOI intermittent pegl felsic						1hem				
			in GRD min-mod lim alt on						1-2clay				
			fract surfaces with zone of										
			v.lim alt clay. 2cm Qtz-Banded										
			vein present w/ Aspy min										
			assoc. silicified halo in c.rock.										
			minor hem veins present										
			intensity of lim alt on										
			joint/fract surfaces ↑										
			towards BOI. Qtz infilled										
			fractrs throughout interval.										
			min-mod pervasive chl alt										
			at mafic minerals.										
23.64	24.40	f. Dyke	strongly fract dyke w/ min-mod	chaotic					1-2lim				
			lim alt on fract/joint surfaces										
			stibnite present										

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-10

Date: Sept 10

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
24.40	30.10	GRD	mod fractrd GRD with pervasive min clay alt. Qtz veins up to 1cm present intermittently with silici alt permeating into c. rock upto 6cm. Py & Aspy min present in the alt zone mod hem speckled alt throughout. Small zones of silica present up to 8cm. mod to strong lim alt & clay present on some joint surfaces. hem veins present throughout int.		1-2				1chl 2hem 2-3lim 2clay	1	1		
30.10	34.44	GRD	mod-highly fractrd GRD with strong pervasive lim alt focused around joints. clay gouge common. Stockwork Qtz veins present						3lim 1clay				
34.44	35.41	PEG?	large grained strongly fractrd mod to strong bleached alt? pyrite present. moderate-mod lim alt present on joints Rubbly @ BOI.						2-3sericite 1-2lim	1			
35.41	35.96	GRD	min fractrd GRD min perv lim alt						1lim				

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Project: 24

Client: Provenance Gold Corp

Hole No: 24-17-10

Date: Sept 10th

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
35.96	37.06	f dyke	light pink-white mod fract'd f dyke with min lim alt on fract surfaces. stibnite present?						1 lim				
37.06	42.00	GRD	min-mod fract'd GRD lim & clay alt on fract surfaces hem speckle alt throughout. 4cm Qtz vein @ ~40cm with mod perv chl alt 20cm permeating down hole. 10cm f dyke present @ ~39.90						2 lim 2 clay 1 hem 2 chl				
42.00	55.00	GRD	mod fract'd GRD with mod-strong pervasive chl & patchy / strong hem speckle alt. zones of lim alt on joints & associated permeating lim alt up to 20cm in core. minor clay in few joints * 42.10. 1.5cm Qtz vein w/ py minzn. * 46.3-52.8 shear structures. 60° TCA with gouge small zones of ~1a dyke stringer?						2-3 chl 3 hem 1 lim 1 clay	1?			

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Project: RK

Client: Provenance Gold Corp

Hole No: RK-17-10

Date: Sept 10th

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
55.00	57.83	GRD	min-mod fractd GRD w/ mod		2?				2chl				
			perv. chl. alt., mod lim alt on						2 lim				
			joint surface & associated						2-3 hem				
			S.I.? alt permeating c. rock										
			10 cm. patchy mod - strong										
			hem speckle alt. ~~brecciated~~										
			Qtz stringer @ 57.09m		1				1?				
			surrounding sacord? alt.										
			57.25 brecciated? or chl overprinted f. dyke						1chl				
57.83	61.55	GRD	mod fractd GRD w/						3hem				
			strong pervasive hem speckle										
			alt throughout & hem										
			veins common associated										
			w/ Qtz infill?										
			61.48 strong chl altd mafic						3chl				
			rich dyke?										
61.55	63.27	GRD	mod fractd GRD w/ min-mod						1-2chl				
			~~hem~~ perv. chl alt., felsic dyke						2hem				
			ped? @ 62.18 - 62.35 part										
			Qtz dyke offset by fract/joint										
			chl alt/ xenolith? ~~not~~ sent by										
			perv. mod hem speckle alt										
			common										

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Project: [illegible]

Client: [illegible]

Hole No: [illegible]

Date: Sept 10

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
63.27	68.18	GRD	[illegible] fractured GRD w/						1-2chl				
			zones of Qtz stockwork common						2hem				
			as Qtz infillings at						1clay				
			fracture @ 63.85m										
			min to mod pervasive alt										
			throughout several zones										
			of bleached speckled alt										
			generally associated w/ fracture										
			zones, minor clay on some										
			fractures										
		*	65.25 - minor L. Dyke w/										
			St. units										
68.18	72.00	GRD	minorly fractured GRD w/		2				3hem				
			zones of strong hem & chl						3chl				
			alt around select joint/fracture						1musc				
			Quartz stringers present in										
			alt zones up to 1cm. @ 70m										
			banded Qtz hem. small zones										
			of min hem speckled alt										
			Sil zone @ 71.80m. 10cm wide										
			hem veins present										
72.00	74.42	GRD	v fine-fine grained black/Dark grey	high α Tcr3	3				1chl				
			mod-strongly fractured. joints exhibit										
			slickensided) penetrating into surrounding										
			rock up to 12 cm. Mineralization present										
			in alt zones. looks similar to a										
			qtz vein? in alt zones. minor zones										
			of chl alt along fractures?										
			Sharp top contact & Gradational										
			Bottom contact over 20 cm										
			Dyke?										

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-10

Date: Sept 10th

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
74.42	79.04	GRD	mod fract GRD with min →		2				1-2 chl	1%	2%		
			min perv chl alt. Qtz veins						1 serp?				
			associated w/ jointing, percolating						2 sericite?				
			silicification around Qtz veins						1 hem				
			up to 6cm — Aspy & Py min present										
			Qtz infill in small fractrs & possible										
			Serp in a small zone of fractrs?										
			possible zone of ~~sericite~~ @ ~ 76.66										
			10 cm wide around sil/alt joint										
			mins Hem alt on fractr surface										
			@ BOI										
79.04	80.32	GRD	min fractrd GRD w/ the min						1 chl				
			chl alt pervasive, chl infil						1 clay				
			in 20° ~~fracture~~ TCA fracture?						1 hem				
			minor clay in 20° fractr. Parallel										
			TCA fractr has minor hem alt										
			on surface w/ minor hem										
			speckle alt throughout										
80.32	81.26	GRD	Green mod-strong fractrd GRD	chaotic	2?				2-3 chl			1% sphl	
			w/ mod-strong pervasive chl						1 Hem				
			alt. Qtz veins present, possible										
		mod	Sil: alt around Qtz veins										
		alt'n	xenolith present possible Sphlt										
			in Qtz vein @ 81 m Hem										
			speckle alt present near BOI										

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Project: 24 **Date:** Sept 11

Client: Provenance Gold Corp **Page No.** 4

Hole No: 24-17-10 **Logged By:** SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
81.26	89.00	GRD	min-mod fractd GRD w/		1				2chl				
			zones mod chl alt zone @						2Hem				
			86.80 – 87.15 m.										
			1cm f. dykes common w/ 10cm										
			f. dyke @ 86.50, zones										
			of mod Hem speckle alt common										
			Qtz veins up to 0.5cm present										
			6cm silt alt zone @ 85.30m										
89.00	92.94	GRD	mod fractd GRD w/ local		2?				2chl				
			mod chl alt zones upt to						1hem				
			85cm w/ Qtz stringers										
			and associated silic alt penetrating										
			into rock up to 7cm										
			possible min fin silic zones										
			minor hem veining throughout										
			minor hem speckle alt										
			@ TOI										
92.94	99.17	GRD	min fractd GRD 1-60cm						1chl				
			f. dykes common possible						1Lim?				
			minor perv chl zones? Qtz										
			veinlets common (no silt zones)										
		*	94.23, 94.83 f. dyke Assoc.										
			w/ min fractng mod % of										
			matic min within										
			small chl altd veinlets present										
			Lim alt?										

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-10

Date: Sept 11

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
91.17	103.24	GRD	mod fractr GRD w/ strng chl alt zone @ TOT with smaller possible scord (mod)? Qtz veins present throughout w/o assoc sil zone. dyke up to 7cm common sil zones are perpendicular TCA minor hem alt veins present		1?				3chl 2° scord				
103.24	105.00	GRD	Strongly fractr GRD with pervasive mod chl alt min - mod clay present in fractrs/seams. clay is chl & hem altd / Qtz veinlets present w/ minor pervl 4chl dyke present @ TOT						2chl 1-2clay/ 2hem				
105.00	106.80	GRD	min fractd GRD w/ minor 1hem veinlets & 1cm dyke @ TOT & hem veinlets have some Qtz infill minor chl altd wnlets @ BOT						1hem 1chl				

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-10

Date: Sept 11

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
106.80	109.63	GRD	mod - strongly fractd GRD		1	1			1-3chl				
			w/ pervasive minor chl alt						2clay				
			throughout & strongr chl alt						1hem				
			zone @ TOI over 30cm.										
			fractrs have mod clay that										
			is either chl or hem altd										
			minor hem speckle alt zones										
			@ 109m small ARG alt zone										
			Qtz veins present throughout										
			w/ 5cm pervasive sili alt. & dykes										
			up to 6cm common										
109.63	113.35	GRD	mod fractd GRD w/ min perv.					1	1chl				
			chl alt around hem & chl altd						1hem				
			veinlets. Zones of minor										
			hem speckle alt. & Dykes										
			up to 13 cm present. Minor										
			carb infill present in fractrs										
113.35	114.45	GRD	strongly fractd GRD with mod		1				2-3chl				
			to strong chl alt. Qtz stringers										
			present w/ minor Assoc pervasive										
			sili alt up to 3cm. & dykes										
			@ 114.20 m minor assoc chl alt										
			at contacts w/ dykes.										
						1		1	1hem				
114.45	116.35	GRD	min fractd GRD w/ zones of Qz										
			stringers minor ARG alt throughout?										
			~~min hem~~ min hem veins present										

no other predom alt.

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-10

Date: Sept 11

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
116.33	120.66	GRD	mod -> strongly fract'd GRD w/		2				2-3chl				
			mod -> string chl/scord alt zones						2-3sericd?				
			1cm qtz common in alt zones						2Hem				
			mod hem veins present.										
			mod sili alt zones present in int.										
120.66	123.17	GRD	min-mod fract'd GRD w/						1Hem				
			minor perv hem speckle alt										
			hem veinlets common min hem										
			on fract surfaces										
123.17	123.80	GRD	strongly fract'd GRD						3chl				
			w/ 5cm clay zone at						3chl				
			BOF. strongly chl'd throughout						1Hem				
			probably shear zone.										
			minor hem										
123.80	126.43	GRD	See above descrip.										
			(120.66-123.17)										
			qtz stringer present										
126.43	131.83	GRD	Mod fract'd GRD w/ common		3				2-3sericd				
			f. dykes up to 2cm ± predominant						1Hem				
			strong sili/scord alt zones										
			surrounding qtz veins (1cm)										
			 qtz stockwork										
			sili scord veins present										
			as well as										
			hem vein stockwork. minor xln silt										
			present										

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Project: ZC

Client: Provenance Gold Corp

Hole No: ZC-17-10

Date: Sept 12 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
131.83	137.10	GRD	mod fractd GRD w/ common		3	2?			Kch	1	2?		
			Stg sili alt zones around Qtz						Hem				
			veins up to 10 cm. Qtz veins										
			2cm common. Zones of										
			mod chl alt associated w/										
			↑ fracture density. ↑ dykes present										
			hem veinlets common. ↓ zone										
			of ARG alt @ 136m associated										
			w/ scord? alt. Aspy Min common										
			in Qtz veins & sili alt zones										
137.10	143.76	GRD	Mod-Strongly fractd GRD with						Ichl				
			large zones lacking mafics,						Hem				
			zones of min chl/(Scord?										
			pervasive										
			Qtz veinlet stockwork common										
			min hem speckle alt chl/scord alt										
			appears to be strongest on fracts										
143.76	146.30	GRD	mod fractd GRD w/ Qtz	70° fracture	1?	1?			2 Kch				
			veins at 2cm common. surrounded										
			by mod → strng chl alt										
			& min-mod ARG alt										
			Qtz veins appear to be banded										
			chl pervasive in crack up to										
			12cm from Qtz vein focal point										
			probable sili overprinted by chl										
			& minzn?										

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Project: 2K

Client: Provenance Gold Corp

Hole No: 2K-17-10

Date: Sept 12 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
146.30	151.00	GRD	predom unaltd GRD w/ min jointing / fracturing. hem veinlets common										
151.00	155.60	GRD	min - mod Pictrd GRD w/ alt zones around Qtz veins up to 1cm ~~chl~~ most strong chl alt penetrates each up to 14cm. Qtz veins have minor Py min, ~~Ap~~ minor ARG alt present in alt zones GRD not in alt zones is unaltered			1			2-3ch	1			
155.60	162.00	GRD	min Pictrd GRD with common ± dykes up to 14cm w/ large xtl Qtz. pegs? hematite veins contact on minor chl on ~~border~~ at ± dyke/peg? @ 161.60m contact						1hem 1chl				
162.00	165.85	GRD	min Pictrd GRD w/ zones of mod to strong sil: sericite/chl alt around joints perp TCA sil/sericite zones penetrate each up to 7cm minor hematite veinlets present		2-3				2-3ser 2-3chl 1hem				

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Project: ZK

Client: Provenance Gold Corp

Hole No: ZK-17-10

Date: Sept 12

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
165.85	168.00	GRD	min fractured GRD w/ Qtz						1-4%				
			veinlets present w/ mod-strong						2-3%				
			chl alt penetrating cracks										
			up to 4cm. minor hem										
			veinlets present ~~throughout~~										
			~~in Pmdac~~										
			1 dyke at 1cm @ 167.20										
168.00	174.00	GRD	Predom unaltered GRD										
	Gold												

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Cover Page, Diamond Drill Log

Project: 2K
Client: PGC
Hole No: 2K-17-11

Date: 10 Sep 2017
Page No. 1
Logged By: AC / SG
Core Size: HQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth: 085	Dip: -50	Date Started: 03 Sep 2017	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.80	7.00	OVB	Overburden.										
7.00	16.90	GRD	- 7.00-13.0m Strongly			3			3 LIM				
			decrepitated, strong pervasive										
			arg & lim alt. Reduced to										
			visible in small zones, clay										
			present in RQD's. Becomes										
			more competent w/ depth										
			- 13.00-16.90m Competency			2			1 HEM				
			increases, Mod-strong alt and						3 LIM				
			strongly fractured. Shear zone										
			w/ clay gouge from 15.40-15.65m										
			Strong lim alt confined to joints										
			& adjacent ck, weak patchy										
			hem alt, manganese present										
			on joint surfaces										
16.90	19.20	DIORITE	Sharp upper contact,	Sharp upper contact ~45° TCA					2 LIM				
			strongly altered lower										
			contact, both broken. Mafic										
			Dyke, strongly fractured										
			mod-strong lim alt confined										
			to joints, pervasive alt over										
			10cm at contacts.										

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Project: 24-

Client: Provenance Gold Corp

Hole No: 24-17-11

Date: 10 Sep 2017

Page No. 2

Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
19.20	22.85	GRD	- 19.20 - 19.70m Strongly alt, Strongly fractured, reduced to rubble - clay rich in rubble zone - Shear zone immediately below dyke			3			3 LIM				
			- 19.70 - 22.25m Mod altered, Mod-Strongly fractured. Strong lim alt at joints, permeates up to 1cm into adjacent ERK. ± small mafic xenos present - poss. dyke? at 21.05-21.25m			2			2 LIM				
			Small 9cm rubble zone w/ strong qtz + lim pervasive alt. Small shear structures present.										
			- 22.25 - 22.85m Strongly fractured, Increased pervasive alt, Surficial pitting immediately above lower contact - shear structure			3			3 LIM				
22.85	23.63	DIORITE	- Strongly fractured, mod-strongly alt mafic dyke. Sharp, broken upper & lower contacts. Strong lim alt confined to joints, minor clay on frac surfaces. Pervasive alt in lower 15cm						3 LIM				
23.63	26.00	GRD	Possible large shear structure between mafic dykes? Strong pervasive alt, strongly fractured, reduced to large rubble zone w/ few small competent pieces. Surficial pitting present in competent core. Small qtz veins 5mm wide at 24.50m. Common clay on joints & in fills			3			3 LIM				
26.00	29.07	DIORITE	Strongly fractured mafic dyke w/ strong lim alt confined to joints. Sharp upper & lower contacts. Slightly brecciated upper contact at high angles perpendicular to TCA.	lower Contact ~60° TCA Upper Contact ~75° TCA					2 LIM				

Aurora Geosciences Ltd.

Project: 2K

Client: PGC

Hole No: 2K-17-11

Date: 11 Sep 2017

Page No. 3

Logged By: AC

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
29.07	33.15	GRD	~29.07-31.65m Strongly alt, Strongly fractured, possible later shear zone? Common surficial pitting throughout. Clay rich. Small mafic dyke at 31.45m red stnd to rubble in small zones.			3			3LIM				
			~31.65-33.15 m Increased competency, Mod-Strongly fractured. Strong lim alt at joints						2LIM				
33.15	41.87	GRD	Mod fractured/jointed GRD w/ mod to strong lim alt on joints and fractrs. alt is strongest in fract/joints lim alt penetrates c.rock up to 2cm. min to mod clay on fractrs. fractures common up to 8cm. Qtz stringers present no associated alt zone. specific zones of minor hem alt.						2-3LIM 1-2clay 1HEM				
			34.45-34.55 clay gouge zone										

Aurora Geosciences Ltd.

Project: 24

Client: PGL

Hole No: 24-17-11

Date: 13 Sept 2017

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Logged By: SG

Footage From	Footage To	Lithology	Description, including sub-units	Structural Measurements	Alteration: Silica	Argillic	Phyllic	Carb	Other	Mineralization: Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
41.87	51.30	GRD	Mod fractd GRD w/ mod hematite alt on fract surfaces minor zones of lim alt around few fractrs. hem veinlets common. 2cm fdykes present						2hem 1lim				
		✱	46.15 – 48.42, strongly fractrd mafic barren GRD w/ strong lim alt on fractrs						3lim				
51.30	61.00	GRD	Mod → strongly fractrd GRD w/ Qtz veins common infilling fractrs. fdykes common up to 10cm. mod → strong lim alt in small zones around few joints. zones of mod chl infilling fractrs. minor hem speckle alt present.						2-3lim 1hem				
		✱	59.00 10 cm Coarse grained Peg? light pink, minor scarp?						1rock?				
		✱	58.10 Fracing leading to brecciation w/ Qtz infill no Valt.										

Aurora Geosciences Ltd.

Project: ZK

Client: PGC

Hole No: ZK-17-11

Date: 13 Sept 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
61.00	63.00	GRD	min-mod fractd GRD						2ch				
			w/ mod perv. chl around						2clay				
			fdykes. chl penetrates										
			into crack up to 25cm										
			mod kaol alt on fract										
			surfaces. Qtz veinlets rare.										
			chl alt mafic xenolith present										
63.00	67.80	GRD	min fractd GRD w/ min			1			1clay				
			kaol alt on fract surfs						1hem				
			min hem veinlets present										
			40cm zone of min ARG alt										
			at 64m. Qtz veinlets present										
			but rare.										
67.80	69.50	GRD	23cm fmafic poor fdyke						1clay				
			w/ min kaol alt applied @						1hem				
			TOI. min-mod fractd										
			w/ min hem alt veins &										
			on fracts										
69.50	71.19	fdyke	mod fractd fdyke w/										
			zone of GRD between 70.02→70.35										
			fdyke have zones of large xtl										
			may be Pcy? no preferred alt.										

Aurora Geosciences Ltd.

Project: ZK

Client: PGC

Hole No: ZK-17-11

Date: 13 Sept 2017

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
71.17	76.84	GRD	Mod-strong fractd GRD w/ Qtz veins common Predominantly dcrp TCA. Rhyolites present up to 20cm wide here. Speckle alt present + minor loc alt on fractr/joint surfaces.						1%vn 1%im				
		X	73.47-75.16 Strongly fractd rhyolite to brecciated? possibly silicified. mod-strong im on fractr surfaces		1?				2%im				
76.84	84.65	GRD	min fractd (altD) w/ min-mod 1%vn alt on fractr surfaces. Rhyolites up to 20cm common. Qtz stringers present but rare. zone of min 1%vn Speckle alt present, chl alt veno present						1-2%vn				
		X	81.50-81.70 Qtz vein 10cm wide w/ surrounding silic alt Arsenopyrite present, strong fracturing in vein (brecciation?)								1		

Aurora Geosciences Ltd.

Project: ZK

Client: PGC

Hole No: ZK-17-11

Date: 13 Sept 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
84.65	87.00	GRD	Mod fractrd GRD w/ min to mod pervasive chl alt w/ 1cm alt zones altd to clay on few joints. minor hem speckle alt throughout. min 1cm alt on fracts. 20 cm Fdyke @ BOI.						1-2chl 1clay 1hem 1lim				
87.00	88.70	GRD	strongly fractrd GRD w/ smooth strong pervasive chl alt. mod-strong clay alt on fracts & joints. Strong lim alt on fracts w/ clay minor Qtz stringers throughout						2-3chl 2-3clay 3lim 1clay				
88.70	90.30	GRD	min fractrd GRD w/ mod pervv chl alt w/ strongest chl alt on fracts. Qtz veins present w/ mod to strong lim alt penetrating up to 1cm in a rock.						2chl 2-3lim				
90.30	93.00	GRD 7cm	min fractrd GRD w/ min-mod lim alt on fractr surfaces. F dykes present. minor hem veinlets throughout. Qtz stringers @ BOI						1-2lim 1hem				

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Project: ZK

Client: PGL

Hole No: ZK-17-11

Date: 13 Sept 2017

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Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
93.00	94.69	GRD	min-mod fctrd GRD w/ min fine alt on fctrs. Qtz stringers common (veinlets)						1 clay				
94.69	95.27	GRD	strongly fctrd GRD w/ mod-strongly ~~silica~~ pervasive silicification. Qtz stringers throughout minzn throughout. min-mod chl alt in silt zone		2-3				1-2 chl	1%	1%		
95.27	97.00	GRD	Poddom unaltd GRD fragments common up to 5 cm. Small zones of minor silicification around fctrs		1								
97.00	100.66	GRD	Mod-strongly fctrd GRD w/ mod pervasive chl alt & ~~pyritic~~ pyr sections (ftkyln? Peag? RFW) minor clay on fctr surfaces chl alt veinlets present						2 chl 1 clay				

Aurora Geosciences Ltd.

Project: ZK

Client: PGC

Hole No: ZK-17-11

Date: 13 Sept 2017

Page No. 9

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
100.66	105.73	GRD	min - mod fractd GRD w/ common Qtz infill in fractrs (veinlets) small zones of chl alt present @ 101.51m. fdyke/ pegmatites common in Bottom half of intv up to ~40cm						Ichl				
105.73	108.58m	GRD	mod fractd GRD w/ common hem veinlets throughout. fdykes present up to 2cm. small chl alt zone around fractr cluster present @ 107.06m						Ihem Ichl				
108.58	111.37	fdyke	sharp TC white mod - strongly fractd fdyke / Peg? w/ zone of min fdtd GRD Py ± Asp minzn throughout entire interval on fractrs. possible minor chlzn of white dyke? sharp bottom contact. RFW		2				Ichl	1	1		
111.37	115.00	GRD	min fractd GRD w/ zone of Qtz stringers @ 60° TCA w/ associated minor silli alt. 2cm fdyke present, trace chl & ARG alt @ BOI. minor hem veinlets present.		1	1			Ichl Ihem				

Aurora Geosciences Ltd.

Project: 2K

Client: PGC

Hole No: 2K-17-11

Date: 13 Sept 2017

Page No. 10

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
115.00	117.87	fdylte	~~fdylte~~ mod - strongly fractrd						hem			sph	
			fdylte w/ small zones						ser?				
			of GRD w/ minor qtz veinlets						chl				
			& minhem veinlets fdylte										
			have small zones of minor										
	pistachio	grn	Scord alt? on and around fracs,										
			fractrs, sphalerite present										
			in Qtz veins w/in fdylte										
			minor chl alt around VBC										
			at last fdylte										
									chl				
117.87	119.58	GRD	min fractrd/jointed GRD w/						hem				
			common hem veinlets and										
			finer pervchl alt surrounding										
			some fractrs. Qtz veinlets										
			present										
119.58	123.00	GRD	Mod fractrd GRD w/ zones						clay				
			min chl alt near fctrs, zones						chl				
			of clay in fctrs. Sm fdylte										
			presents. Qtz veins/stockwork										
			Pattern common @ BOI										
123.00	124.47	fdylte	fine grained light pink fdylte						+2hem				
			w/ mod - strong fracturing & minor										
			- mod hem speckled alt throughout										

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Project: 24

Client: PGL

Hole No: 24-17-11

Date: 13 Sept

Page No. 11

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
124.47	179.33	GRD	mod fractrd GRD w/ common						Ilm				
EOH			hem veinlets & mod hem										
			speckle ct., Qtz veinlets										
			common. mfc xenos present										

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Cover Page, Diamond Drill Log

Project: ZK
Client: PGC
Hole No: ZK-17-12

Date: Sept 14 2017
Page No. 1
Logged By: SG
Core Size: NQ

Easting (UTM):	Northing (UTM):	Elevation (m):	E.O.H. (m):
Azimuth:	Dip:	Date Started:	Date Finished:
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1 (%)	Other 2 (%)
0.5	6.46	OVB	Rubble zone over burden										
6.46	7.23	GRD	Mod-Strongly fractd GRD w/ mod to strong lim on fractrs & V mod clay at fractrs						2-3 lim 2 clay				
7.23	8.70	Rubble Zone	Rubble zone w/ strong pervasive lim & clay alteration						3 lim 3 clay				
8.70	(10.5)	GRD	Strongly fractd GRD w/ strong pervasive lim alt. & Trace banded Qtz veins common zones of mod - strong clay alt mod Mn alt @ TOI		1-2?				3 lim 2-3 clay 2 Mn				

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: Sept 14

Page No. 2

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
10.50	13.11	GRD/ Rubble Zone	Strongly fractd GRD w/ Stronger pervasive lim alt zones of strong lim clay alt, minor chlor alt of mfc. naturally 0.5cm Qtz veins present w/ minor sil alt zone penetrating crack up to 2cm?		1				3lim 3clay 1chl				
13.11	14.87	Rubble Zone	mangnite clay lim & Mn altered Rubble zone, intensly decrepetate core						3Mn 3lim 3clay				
14.87	18.00	mfc Dyke	Black fine grained mafic Dyke w/ sharp T+B Contact mod - strongly lim alt'd w/ mod clay zones on fractrs min Mn alt ? on fractrs ? hem veinlets present						2-3Blim 2clay 1Mn 1hem				
18.00	20.37	GRD	mod fractd GRD w/ mfc mineral concentration Banding, (Xenos?) 1cm Dyke present. lim to mod lim alt on fractr surfaces, mod hem speckle alt throughout int. Zones of strong lim alt present						2hem 20% at 3lim 3Blim				
20.37	25.85	Rubble Zone	large Rubble zone w/ intensly decptn GRD displaying strong pervasive lim, Mn, clay alt throughout, small zones of competent rock are strongly fractd w/ Qtz infill (strong) alt'd		1				3Mn 3clay				

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: 14 sept 2017

Page No. 3

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
26.85	27.50	GRD	strongly fract'd GRD w/		1?				3lim				
			20% at strong lim-clay						3.1cly				
			alt on fractrs. Qtz veins common						2mem				
			mod mem speckle alt throughout.										
			Possible sil zones? Mem										
			veinlets present										
27.50	29.21	GRD	mod-strongly fract'd GRD w/	subparallel TCA					2mem				
			5-8% 1.0 Amfc dykes present	Qtz stringer					2lim				
			no bigger than 16cm mod										
			mem speckle alt throughout.										
			Qtz stringers present at										
			20cm - subparallel TCA. mod										
			lim on fractr surfaces										
29.21	35.24	GRD	mod fract'd GRD w/ strong		2	3			1sericite				
			ARG alt on many fractr						1lim				
			surfaces. zones not sericite						1mem				
			sil: alt surrounding banded						2clay				
			Qtz veins. Small zones										
			of minor lim alt on fractr										
			surfaces common.										
			min mem speckle alt throughout										
		Schist	Rubble zone @ BOI w/										
			moderate ARG & lim clay on										
			fractr surfaces										

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: 14 sept 2017

Page No. 4

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
35.24	36.50	GRD	min Fractured GRD w/ minor kln alt on fractures w/ zones grading into clast upto 0.5cm? Qz						1 kln				
			36.04-36.21 mfc dyke w/ sharp TR L BC fine grained.										
36.50	38.25	GRD	Mod Fract GRD w/ min-mod pervasive chl alt & zones of mod kln alt on fract surfaces. Zones w/ kln alt also display mod ARG alt. min hem speckle alt throughout Hem veins present			2			1-2chl 2 kln 1 hem				
38.25	42.05	GRD	mod Fract GRD w/ mod to strong perv. chl alt strong kln alt on fract/ joint surfaces. kln alt assoc. w/ mod to strong clay alt. 1 dyke common throughout upto 15cm Qtz veinlets common mfc xenoliths common.		1				2-3chl 3 kln 2-3 clay				

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Project: 24 **Date:** 14 sept 2017

Client: PGC **Page No.** 5

Hole No: 24-17-12 **Logged By:** SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
42.05	44.14	GRD	strongly fractd GRD w/ strong clay chl alt pervasive. Rubbly @ TOI Qtz vein/veinlets common w/ surrounding scord/silic alt zones up to 2cm. 1 dykes present small zones of strong lim alt on joints/fracts	+2					3chl 3clay 1-2 scord				
44.14	47.43	GRD	mod → strongly fractd GRD w/ ~~strong~~ mod → strong pervs chl alt throughout w/ zones of strong clay/scord alt around joints. zones of strong SiRG alt assoc w/ clay zones mod hem alt on some fracts small zones of ~~lim~~ min lim alt on fract surfaces. min hem speckle alt throughout			3			2-3chl 3scord 3clay 2hem 1dyke				
47.43	49.80	GRD	mod-strongly fractd GRD w/ mod pervy chl alt. mod clay on fracts. minor lim alt in some clay xcut fract/dyke present? Zone becomes rubbly in last meter. Zone of hem alt? EOH 50						2chl 2clay 1lim 1hem?				

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: 14 Sept 2017

Page No. 6

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
49.80	51.00	GRD	min fractrd GRD w/ min lim						1lim				
			on some fractrs & minor hem						1hem				
			on fractr surfaces,										
			minor hem speckles throughout										
51.00	53.48	GRD	Mod fractrd GRD w/ strong		1				3chl				
			scord/chl zones around joints/						3scord				
			w/ mod ~~clay~~ lim alt clay alt						2lim				
			core at alt zones. minor Mn alt						2clay				
			on fract surfs minor pervasive						1Mn				
			chl throughout. Silicification										
			zone @ UBOI 6cm. Qtz										
			stringers common										
53.48	66.30	GR	v.strongly Altd strongly fractrd		2-3	1-2%			3chl				
			GRD. Mod ~~strong~~ strongly pervasive						2lim				
			chl alt throughout w/						2clay				
			mod lim clay on some joint/fractrs.						2-3hem				
			zones of mod - strong hem										
			alt up to 40cm arounds 58m.										
			fdykes & Qtz veins up to										
			2cm common Qtz veinlets										
			v. common. Qtz veins surrounded										
			by sil alt zones up to 7cm.										
			20cm at ARG alt around										
			fau joints & penetrate into										
			Crosth once closer to BOI										

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: Sept 15

Page No. 7

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
66.30	67.75	GRD	Strongly fract'd GRD ~/			2			3chl				
			strong pervasive chl alt ~/						1-2% hem				
			mod pervasive ARG alt						2clay				
			w/ zones of min-mod						2 hem				
			pervasive hem alt										
			mod clay on fractrs small										
			zones of mod hem alt.										
67.75	89.45	GRD	Strongly fract'd GRD ~/		2-3			1?	3chl	1%	1%		
			strong perv chl/sericite? pistachio						3sericite				
			green alt throughout. common						1 Hem				
			Qtz stringers. 0 Qtz veins						2clay				
			common sl banded (mesothermal)										
			@ 74 & 78.6m & 72.5, 1cm										
			Qtz vein w/ min @ 77.8. Aspy/py										
			in vein and assoc Si. alt zone.										
			larger Qtz veins 21 cm have assoc										
			sil. alt zones up to 10cm?.										
			Dykes up to 60 cm common										
			possibly Pegs? or heavily fract'd										
			mod clay common throughout on										
			fractrs and in small zones, up										
			to 5cm brecciated zone										
			@ 81.20m. hem veins present										
			minor carb in fractrs @ BOI										

Aurora Geosciences Ltd.

Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: Sept 15

Page No. 8

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
84.45	89.20	GRD	mod fractd GRD w/ zones		1	2			3chl				
			of strong pervasive chl alt						2lim				
			around Qtz filled fractrs/						1 Hem				
			Joints, ~~fract~~ clay mod										
			lim & core of chl alt										
			zones. hem veins v. common										
			minor hemspecks alt throughout										
			mod ARG in alt zones										
89.20	94.25	GRD	strongly fractd GRD w/		1	2			3lim				
			strong lim alt on fractr						2chl/ser				
			surfaces w/ minor penetration						2sericite				
			into rock up to 4cm.						1serp?				
			Qtz veins common up to										
			2cm. mod perv chl throughout										
			sericite?										
			small zones of mod ARG										
			alt. slicken lines present										
			serpentine in fractr?										
94.25	96.56	GRD	mod -> strongly fractd GRD w/						2-3chl				
			mod -> strong perv chl. mod						2 lim				
			lim alt on fractrs surfaces.						1 Hem				
			Qtz veinlets common. hem						1 clay				
			veinlets common minor										
			clay on some fractrs, small										
			pegz/sulphide @ 95.30m										

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Project: ZK **Date:** Sept 15

Client: PGC **Page No.** 9

Hole No: ZK-17-12 **Logged By:** SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
96.56	109.74	GRD	min-mod fractd GRD w/		2				2chl				
		v.	common felsites/pegs up to						2sericite				
			70cm. mod chl/sericite						2 silica				
			associated w/ felsite contacts.						2clay				
			mod-lim alt clay on						1hem				
			some fractrs throughout										
			Qtz veins common throughout										
			Qtz veins up to 1.5cm.										
			Zones of unaltd GRD w/										
			minor hem veins. Sili alt										
			zones associated w/ Qtz										
			stringers. Sili zones up to										
			6cm										
109.74	113.55	GRD	mod-strongly fractd GRD w/			2-3		1	2-3chl				
			mod-strong pervv chl alt.						2-3clay				
			strongest near fctrs. v. common						1 silica				
			Qtz stringers predominantly						1hem				
			subparallel TCA w/ minor rand.										
			mod-strong clay on fractrs										
			hem veins present assoc. w/										
			Qtz stringers. ~~zones of~~ mod										
			-strong ARG alt thru strong										
			chl alt zones. min fine clay										
			on few fractrs. min hem speckle										
			alt @ BOI										

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Project: ZK

Client: PGC

Hole No: ZK-17-12

Date: Sept 16

Page No. 10

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
113.55	116.79	GRD	mod fract'd GRD w/ common						1 hem				
			Qtz stringer. large Qtz vein/zone?										
			@ 114.50 - 0114.86 m - strongly										
			fract'd, 2 vein styles present.										
			+/- minor										
			hem speckled alt throughout										
116.79	124.00	GRD	min fract'd GRD w/		1				+2 hem				
			common hem veins. small										
			zones of sili surrounding										
			Qtz stringers. wbx veins present										
			zones of minor-mod										
			hem speckled alt										
124.00	129.57	GRD	Predom unalt'd GRD										
129.57	131.50	GRD	min fract'd GRD w/ small		1				1 hem				
			sili alt zones up to 8cm around										
			fract's, + dykes present										
			minor hem alt on fract surfaces										
131.50	132.84	GRD	mod. strongly fract'd GRD w/						2-3 clay				
			pervasive phyllic alt strongest						2 hem				
			around dyke contacts.						1 clay				
			mod hem alt on fracts.										
			minor clay alt throughout										
			hem veins present										

Aurora Geosciences Ltd.

Project: 24

Client: PGC

Hole No: 24-17-12

Date: Sept 16

Page No. 11

Logged By: SG

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Arseno (%)	Other 1(%)	Other 2 (%)
132.84	142.00	GRD	min fretted fredom unalt'd		1								
			GRD w/ 2 small sili ~~alt~~ zones										
			around minor Qtz veins. fdykes										
			upto 10 cm v.common										
142.00	148.00	GRD	min-mod fretted GRD w/		B				1hem				
			common Qtz stringers &										
			hem veins. strongly sili altd										
			zones around Qtz veins										
			possible pervasive sil alt?										
			fdykes common. min hem										
			specular alt present										
148.00	151.49	GRD	~~fredom~~ min fetred GRD						1hem				
			w/ few hem veins & rare						1sil				
			~~sili~~ sili alt zones up to 1cm.										
			minor hem on fractures										
151.49	153.00	GRD	min-mod fretted GRD w/		1sil				1chl				
	EOH		pervasive min chl/sili + alt						1hem				
			minor hem veins. Qtz stringers										
			common.										
			EOH										

Drill Sampling Interval and Results Sheet: DDH 2K17-01

2K Project, Provenance Gold Corp

							Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
							Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
							Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
							MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments	Sample	Type																																		
2K17-01	PGC	1995501	3.00	5.00	2.00	Sand	1995501	Drill Core	2.05	3	<1	4	8	58	1.1	2	7	674	2.56	118	12	22	<0.5	<3	<3	40	0.27	0.063	29	3	0.51	420	0.103	<20	1.34	0.05	0.63	<2	<0.05	<1	<5	<5	<5
2K17-01		1995502	5.00	7.00	2.00	Sand	1995502	Drill Core	3.05	3	<1	2	<3	56	<0.3	1	6	624	2.47	69	12	26	<0.5	<3	<3	40	0.34	0.066	30	2	0.56	379	0.136	<20	1.34	0.08	0.63	<2	<0.05	<1	<5	<5	<5
2K17-01		1995503	7.00	8.30	1.30	Sand	1995503	Drill Core	1.99	2	<1	5	5	53	0.3	2	6	757	2.53	84	12	29	<0.5	<3	<3	39	0.35	0.065	32	2	0.53	429	0.115	<20	1.39	0.08	0.57	<2	<0.05	<1	<5	<5	<5
2K17-01		1995504	8.30	10.31	2.01	Sand and clay	1995504	Drill Core	5.01	3	<1	3	6	49	<0.3	1	6	755	2.42	119	12	24	<0.5	<3	<3	33	0.28	0.061	32	2	0.35	365	0.031	<20	1.12	0.04	0.41	<2	<0.05	<1	<5	<5	<5
2K17-01		1995505	10.31	10.67	0.36	Clay	1995505	Drill Core	0.84	5	<1	5	17	58	<0.3	1	6	862	2.36	203	11	20	<0.5	<3	<3	31	0.25	0.061	27	2	0.25	340	0.017	<20	0.92	0.03	0.36	<2	<0.05	<1	<5	<5	<5
2K17-01		1995506	10.67	11.60	0.93	Silicified quartz	1995506	Drill Core	2.55	468	<1	14	98	63	0.8	2	4	1023	1.7	215	7	6	0.6	<3	<3	15	0.1	0.042	20	1	0.03	299	<0.001	<20	0.36	0.02	0.24	<2	<0.05	<1	<5	<5	<5
2K17-01		1995507	11.60	13.66	2.06	Sand	1995507	Drill Core	4.53	2	<1	4	9	55	<0.3	2	6	635	2.55	154	9	26	<0.5	<3	<3	36	0.31	0.063	25	2	0.5	370	0.081	<20	1.3	0.06	0.57	<2	<0.05	<1	<5	<5	5
2K17-01		1995508	13.66	15.66	2.00	Sand and clay	1995508	Drill Core	4.54	46	<1	4	5	53	<0.3	2	6	596	2.59	98	11	30	<0.5	<3	<3	38	0.36	0.063	27	2	0.6	374	0.119	<20	1.38	0.08	0.65	<2	<0.05	<1	<5	<5	<5
2K17-01		1995509	15.66	16.45	0.79	Granodiorite	1995509	Drill Core	1.04	<2	<1	3	5	56	<0.3	2	7	619	2.64	47	12	31	<0.5	<3	<3	43	0.39	0.065	28	3	0.65	418	0.137	<20	1.4	0.11	0.68	<2	<0.05	<1	<5	<5	<5
2K17-01		1995510	16.45	16.76	0.31	Mafic dyke	1995510	Drill Core	1.13	<2	<1	29	<3	78	<0.3	6	12	820	3.9	31	6	38	<0.5	<3	<3	75	0.64	0.101	17	6	1.1	580	0.218	<20	2.17	0.12	1.03	<2	<0.05	<1	<5	5	11
2K17-01		1995511	16.76	18.76	2.00	Granodiorite	1995511	Drill Core	4.84	<2	<1	5	6	51	<0.3	2	7	691	2.53	46	10	26	<0.5	<3	<3	38	0.32	0.064	26	1	0.57	402	0.085	<20	1.3	0.06	0.55	<2	<0.05	<1	<5	<5	<5
2K17-01		1995512	18.76	20.76	2.00		1995512	Drill Core	4.47	<2	<1	8	<3	56	<0.3	2	7	614	2.81	34	11	29	<0.5	<3	<3	45	0.35	0.07	28	3	0.67	446	0.12	<20	1.45	0.08	0.68	<2	<0.05	<1	<5	<5	6
2K17-01		1995513	20.76	22.76	2.00		1995513	Drill Core	4.44	3	<1	5	3	55	<0.3	2	6	573	2.61	53	11	30	<0.5	<3	<3	41	0.35	0.065	26	3	0.62	444	0.106	<20	1.38	0.1	0.57	<2	<0.05	<1	<5	<5	5
2K17-01		1995514	22.76	24.10	1.34		1995514	Drill Core	3.03	<2	<1	8	<3	55	<0.3	2	6	653	2.81	21	13	33	<0.5	<3	<3	45	0.37	0.067	32	2	0.68	465	0.12	<20	1.49	0.13	0.63	<2	<0.05	<1	<5	<5	6
2K17-01		1995515	24.10	26.10	2.00		1995515	Drill Core	6.75	<2	<1	3	<3	54	<0.3	2	6	634	2.73	7	10	35	<0.5	<3	<3	48	0.42	0.066	24	3	0.73	520	0.159	<20	1.5	0.16	0.76	<2	<0.05	<1	<5	<5	5
2K17-01		1995516	26.10	27.00	0.90		1995516	Drill Core	2.94	<2	<1	7	3	50	<0.3	2	6	550	2.66	47	10	34	<0.5	<3	<3	43	0.4	0.065	25	2	0.64	471	0.134	<20	1.46	0.13	0.66	<2	<0.05	<1	<5	<5	6
2K17-01		1995517	27.00	29.00	2.00		1995517	Drill Core	5.06	<2	<1	5	6	59	<0.3	2	7	555	2.77	51	12	25	<0.5	<3	<3	39	0.33	0.07	29	3	0.64	381	0.079	<20	1.45	0.06	0.55	<2	<0.05	<1	<5	<5	5
2K17-01		1995518	29.00	30.77	1.77		1995518	Drill Core	4.56	<2	<1	6	7	51	<0.3	2	8	560	2.56	118	11	25	<0.5	<3	<3	32	0.32	0.067	30	3	0.49	338	0.042	<20	1.28	0.05	0.45	<2	<0.05	<1	<5	<5	<5
2K17-01		1995519	30.77	31.77	1.00		1995519	Drill Core	3	2	1	4	11	50	1.2	1	6	1402	2.52	246	11	22	<0.5	<3	<3	28	0.29	0.063	30	2	0.34	431	0.015	<20	1.09	0.03	0.39	2	<0.05	<1	<5	<5	<5
2K17-01		1995520	31.77	33.32	1.55		1995520	Drill Core	2.73	<2	<1	3	<3	49	<0.3	1	6	587	2.62	24	12	32	<0.5	<3	<3	43	0.45	0.064	29	3	0.69	418	0.125	<20	1.38	0.11	0.61	<2	<0.05	<1	<5	<5	<5
2K17-01		1995521	31.77	33.22	1.45	Duplicate of #1995520	1995521	Drill Core	2.72	<2	<1	2	4	56	<0.3	2	6	591	2.61	25	11	32	<0.5	<3	<3	44	0.46	0.064	26	2	0.7	414	0.125	<20	1.4	0.11	0.62	<2	<0.05	<1	<5	<5	<5
2K17-01		1995522			0.00	Standard: CDN-GS-3M	1995522	Rock Pulp	0.13	3134	5	464	>10000	2327	93.5	15	13	1908	5.4	178	<2	43	27.7	74	<3	51	0.85	0.072	5	23	0.87	196	0.096	<20	1.47	0.12	0.4	<2	1.49	<1	<5	<5	<5
2K17-01		1995523			0.00	Blank	1995523	Rock	1.55	6	<1	<1	26	9	<0.3	2	<1	86	0.14	5	<2	288	<0.5	3	<3	15	19.41	0.008	2	2	11.44	20	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
2K17-01		1995524	33.32	33.70	0.38		1995524	Drill Core	0.95	51	<1	18	11	53	<0.3	2	6	756	2.39	1068	12	15	<0.5	<3	<3	23	0.25	0.064	28	1	0.27	419	0.033	<20	0.82	0.04	0.41	<2	<0.05	<1	<5	<5	<5
2K17-01		1995525	33.70	34.45	0.75		1995525	Drill Core	2.62	<2	<1	1	3	48	<0.3	1	6	597	2.54	14	13	30	<0.5	<3	<3	43	0.44	0.064	29	2	0.72	367	0.152	<20	1.29	0.1	0.56	<2	<0.05	<1	<5	<5	<5
2K17-01		1995526	34.45	35.81	1.36		1995526	Drill Core	4.67	9	<1	3	10	47	<0.3	1	6	544	2.4	40	11	65	<0.5	<3	<3	21	1.31	0.061	27	2	0.47	615	0.016	<20	1.04	0.04	0.36	<2	<0.05	<1	<5	<5	<5
2K17-01		1995527	35.81	37.00	1.19		1995527	Drill Core	4.73	<2	<1	2	3	48	<0.3	1	6	581	2.53	10	10	34	<0.5	<3	<3	41	0.48	0.062	24	2	0.71	429	0.13	<20	1.39	0.12	0.67	<2	<0.05	<1	<5	<5	<5
2K17-01		1995528	37.00	37.30	0.30		1995528	Drill Core	1.07	<2	<1	3	7	52	<0.3	1	6	695	2.64	170	12	26	<0.5	<3	<3	29	0.33	0.067	31	2	0.39	328	0.03	<20	1.17	0.06	0.44	<2	<0.05	<1	<5	<5	<5
2K17-01		1995529	37.30	38.28	0.98		1995529	Drill Core	3.55	<2	<1	6	5	54	0.6	2	7	689	2.79	18	11	31	<0.5	<3	<3	41	0.4	0.067	28	2	0.71	429	0.089	<20	1.5	0.12	0.6	<2	<0.05	<1	<5	<5	6
2K17-01		1995530	38.28	39.60	1.32		1995530	Drill Core	3.47	<2	<1	3	7	51	<0.3	2	7	536	2.43	59	11	21	<0.5	<3	<3	31	0.31	0.066	30	2	0.53	325	0.049	<20	1.24	0.05	0.46	<2	<0.05	<1	<5	<5	<5
2K17-01		1995531	39.6	41.66	2.06		1995531	Drill Core	7.59	<2	<1	2	6	52	<0.3	2	7	628	2.69	7	11	41	<0.5	<3	<3	45	0.6	0.065	28	3	0.76	461	0.121	<20	1.49	0.12	0.69	<2	<0.05	<1	<5	<5	5
2K17-01		1995532	41.66	43.66	2.00		1995532	Drill Core	6.24	<2	<1	2	5	51	<0.3	2	6	653	2.55	33	11	34	<0.5	<3	<3	35	0.51	0.063	26	3	0.66	315	0.057	<20	1.32	0.08	0.47	<2	<0.05	<1	<5	<5	<5
2K17-01		1995533	43.66	45.66	2.00		1995533	Drill Core	6.54	<2	<1	3	<3	49	<0.3	1	6	567	2.55	10	11	35	<0.5	<3	<3	44	0.44	0.063	25	3	0.7	436	0.149	<20	1.43	0.15	0.72	<2	<0.05	<1	<5	<5	<5
2K17-01		1995534	45.66	47.66	2.00		1995534	Drill Core	7.31	2	<1	3	6	56	<0.3	2	6	662	2.56	10	11	55	<0.5	<3	<3	43	0.86	0.062	26	2	0.73	401	0.107	<20	1.43	0.12	0.62	<2	<0.05	<1	<5	<5	<5
2K17-01		1995535	47.66	49.66	2.00		1995535	Drill Core	8.53	<2	<1	2	3	51	<0.3	2	6	661	2.54	<2	11	52	<0.5	<3	<3	42	0.88	0.063	27	3	0.76	342	0.099	<20	1.38	0.11	0.55	<2	<0.05	<1	<5	<5	<5
2K17-01		1995536	49.66	51.66	2.00		1995536	Drill Core	8.19	<2	<1	5	4	55	<0.3	2	6	728	2.59	2	11	53	<0.5	<3	<3	44	0.97	0.066	29	4	0.82	413	0.096	<20	1.35	0.08	0.55	<2	<0.05	<1	<5	<5	<5
2K17-01		1995537	51.66	53.66	2.00		1995537	Drill Core	3.08	<2	<1	3	4	52	<0.3	2	6	646	2.42	<2	12	49	<0.5	<3	<3	40	0.88	0.062	29	5	0.75	343	0.093	<20	1.26	0.08	0.54	<2	<0.05	<1	<5	<5	<5
2K17-01		1995538	51.66	53.66	2.00	Duplicate of 1995537	1995538	Drill Core	3.31	2	<1	7	5	54	<0.3	2	6	686	2.55	<2	9	53	<0.5	<3	<3	43	0.94	0.064	24	6	0.79	358	0.098	<20	1.35	0.08	0.56	<2	<0.05	<1	<5	<5	5
2K17-01		1995539			0.00	Standard: CDN-GS-3M	1995539	Rock Pulp	0.13	3036	5	462	>10000	2313	95.5	15	13	1964	5.26	177	<2	45	28.3	72	<3	52	0.88	0.073	7	24	0.9	200	0.098	<20	1.51	0.11	0.41	2	1.55	<1	<5	<5	<5
2K17-01		1995540			0.00	Blank	1995540	Drill Core	0.89	5	<1	3	8	12	<0.3	3	<1	86	0.15	4	<2	287	<0.5	<3	<3	15	20.42	0.01	2	4	10.09	19	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
2K17-01		1995541	53.66	55.66	2.00		1995541	Drill Core	7.95	3	<1	5	6	54	<0.3	2	7	676	2.47	9	11	70	<0.5	<3	<3	36	1.37	0.065	25	5	0.74	250	0.046	<20	1.22	0.06	0.36	<2	<0.05	<1	<5	7	<5
2K17-01		1995542	55.66	57.66	2.00		1995542	Drill Core	7.17	<2	<1	3	6	52	<0.3	2	6	642	2.48	15	11	53	<0.5	<3	<3	40	0.96	0.062	26	6	0.76	371	0.073	<20	1.25	0.07	0.43	<2	<0.05	<1	<5	<5	<5
2K17-01		1995543	57.66	58.59	0.93		1995543	Drill Core	3.58	<2	<1	4	4	52	<0.3	2	6	669	2.45	10	12	47	<0.5	<3	<3	43	0.88	0.062	25	5	0.77	415	0.105	<20	1.27	0.09	0.52	<2	<0.05	<1	<5	<5	<5
2K17-01		1995544	58.59	58.97	0.38	Mineralized zone	1995544	Drill Core	1.93	47	<1	8	12	45	<0.3	2	6	726	2.33	1389	10	79	<0.5	<3	<3	29	1.55	0.059	23	6	0.6	247	0.048	<20	0.98	0.06	0.37	<2	0.24	<1	<5	<5	<5
2K17-01		1995545	58.97	60.97	2.00		1995545	Drill Core	7.19	<2	<1	4	5	50	<0.3	2	5	606	2.42	4	11	41	<0.5	<3	<3	43	0.73	0.061	25	5	0.72	354	0.128	<20	1.26	0.11	0.55	<2	<0.05	<1	<5	<5	<5
2K17-01		1995546	60.97	61.67	0.70		1995546	Drill Core	2.71	<2	<1	5	8	51	<0.3	2	6	663	2.36	7	11	60	<0.5	<3	<3	34	1.28	0.061	27	5	0.76	262	0.037	<20	1.14	0.04	0.27	<2	<0.05	<1	<5	5	<5
2K17-01		1995547	61.67	62.43	0.76		1995547	Drill Core	3.1	9	<1	6	19	53	<0.3	2	6	730	2.53	382	12	59	<0.5	<3	<3	40	1.17	0.063	27	6	0.78	284	0.063	<20	1.25	0.07	0.39	<2	<0.05	<1	<5	5	<5
2K17-01		1995548	62.43	62.82	0.39		1995548	Drill Core	1.67	<2	<1	6	5	56	<0.3	2	6	674	2.62	4	11	42	<0.5	<3	<3	48	0.73	0.066	25	6	0.8	430	0.146	<20	1.35	0.1	0.6	<2	<0.05	<1	<5	<5	5
2K17-01		1995549	62.82	63.23	0.41		1995549	Drill Core	1.62	<2	<1	3	5	49	<0.3	2	6	622	2.45	4	14	45	<0.5	<3	<3	43	0.92	0.065	29	5	0.72	381	0.135	<20	1.25	0.09	0.62	<2	<0.05	<1	<5	<5	<5
2K17-01		1995550	63.23	65.23	2.00		1995550	Drill Core	7.95	<2	<1	5	4	53	<0.3	2	6	660	2.61	3	13	46	<0.5	<3	<3	48	0.77	0.064	29	6	0.76	423	0.162	<20	1.39	0.13	0.63	<2	<0.05	<1	<5	<5	<5
2K17-01		1995551	65.23	67.23	2.00		1995551	Drill Core	7.44	<2	<1	4	5	54	<0.3	2	6	675	2.64	3	13	43	<0.5	<3	<3	46	0.98	0.065	28	5	0.8	327	0.13	<20	1.3	0.09	0.47	<2	<0.05	<1	<5	<5	<5
2K17-01		1995552	67.23	69.23	2.00		1995552	Drill Core	7.74	<2	<1	5	8	55	<0.3	2	6	708	2.52	7	11	67	<0.5	<3	<3	36	1.63	0.066	26	4	0.78	157	0.092	<20	1.23	0.05	0.25	<2	<0.05	<1	<5	<5	<5
2K17-01		1995553	69.23	71.23	2.00		1995553	Drill Core	7.24	2	<1	4	6	53	<0.3	2	6	647	2.53	<2	12	45	<0.5	<3	<3	41	1	0.064	31	5	0.75	287	0.1	<20	1.25	0.09	0.46	<2	<0.05	<1	<5	<5	<5
2K17-01		1995554	71.23	73.23	2.00		1995554	Drill Core	7.91	<2	<1	7	11	52	<0.3	2	7	824	2.48	5	11	104	<0.5	<3	<3	31	2.27	0.065	30	5	0.75	165	0.027	<20	1.23	0.04	0.28	<2	<0.05	<1	<5	6	<5
2K17-01		1995555	73.23	75.23	2.00		1995555	Drill Core	6.77	<2	<1	3	9	52	<0.3	2	6	692	2.43	<2	10	66	<0.5	<3	<3	32	1.34	0.063	27	6	0.76	177	0.049	<20	1.19	0.05	0.3	<2	<0.05	<1	<5	6	<5
2K17-01		1995556	75.23	77.23	2.00		1995556	Drill Core	8.29	<2	<1	4	9	50	<0.3	2	6	718	2.31	2	12	80	<0.5	<3	<3	30	1.63	0.06	30	6	0.72	140	0.044	<20	1.15	0.05	0.26	<2	<0.05	<1	<5	6	<5
2K17-01		1995557	77.23	79.23	2.00		1995557	Drill Core	4	<2	<1	5	6	54	<0.3	2	6	690	2.57	<2	11	52	<0.5	<3	<3	43	1.01	0.065	26	5	0.78	320	0.124	<20	1.29	0.08	0.49	<2	<0.05	<1	<5	<5	<5
2K17-01		1995558	77.23	79.23	2.00	Duplicate of 1995557	1995558	Drill Core	4.29	<2	<1	5	5	51	<0.3	2	6	661	2.41	<2	10	49	<0.5	<3	<3	42	0.98	0.064	26	6	0.74	314	0.123	<20	1.22	0.08	0.5	<2	<0.05	<1	<5	<5	<5
2K17-01		1995559			0.00	Standard: CDN-GS-3M	1995559	Rock Pulp	0.14	3374	5	484	>10000	2378	96.1	16	13	2031	5.42	183	<2	45	29.3	72	<3	54	0.88	0.075	7	25	0.92	205	0.102	<20	1.55	0.12	0.42	<2	1.55	<1	<5	<5	<5
2K17-01		1995560			0.00	Blank	1995560	Drill Core	0.79	5	<1	3	<3	12	<0.3	3	<1	87	0.15	4	<2	281	<0.5	<3	<3	15	19.62	0.01	2	4	10.1	21	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
2K17-01		1995561	79.23	81.23	2.00		1995561	Drill Core	7.5	2	<1	4	5	56	<0.3	2	6	670	2.65	<2	11	42	<0.5	<3	<3	48	0.67	0.069	28	6	0.8	406	0.171	<20	1.39	0.12	0.72	<2	<0.05	<1	<5	<5	<5
2K17-01		1995562	81.23	83.23	2.00		1995562	Drill Core	8.1	4	<1	5	5	55	<0.3	2	6	704	2.71	2	12	49	<0.5	<3	<3	48	0.87	0.07	28	6	0.81	410	0.155	<20	1.41	0.12	0.7	<2	<0.05	<1	<5	<5	<5
2K17-01		1995563	83.23	85.23	2.00		1995563	Drill Core	8.14	<2	<1	4	5	54	<0.3	2	6	665	2.57	<2	13	42	<0.5	<3	<3	47	0.72	0.065	26	6	0.79	364	0.158	<20	1.34	0.12	0.63	<2	<0.05	<1	<5	<5	<5
2K17-01		1995564	85.23	87.23	2.00		1995564	Drill Core	8.29	<2	<1	4	4	56	<0.3	2	6	689	2.58	2	12	46	<0.5	<3	<3	45	0.8	0.065	27	4	0.82	301	0.139	<20	1.33	0.09	0.55	<2	<0.05	<1	<5	<5	<5
2K17-01		1995565	87.23	88.53	1.30		1995565	Drill Core	5.17	<2	<1	3	4	56	<0.3	2	6	699	2.64	<2	11	43	<0.5	<3	<3	48	0.69	0.066	28	6	0.82	416	0.156	<20	1.41	0.12	0.73	<2	<0.05	<1	<5	<5	<5
2K17-01		1995566	88.53	90.27	1.74		1995566	Drill Core	6.71	<2	<1	11	5	51	<0.3	2	6	693	2.42	3	12	58	<0.5	<3	<3	40	1.12	0.06	25	5	0.75	242	0.131	<20	1.2	0.08	0.36	<2	<0.05	<1	<5	<5	5
2K17-01		1995567	90.27	92.27	2.00		1995567	Drill Core	7.76	<2	<1	4	6	53	<0.3	2	6	653	2.49	<2	10	52	<0.5	<3	<3	43	0.9	0.064	26	5	0.76	370	0.143	<20	1.31	0.1	0.59	<2	<0.05	<1	<5	<5	<5
2K17-01		1995568	92.27	94.27	2.00		1995568	Drill Core	8.21	<2	<1	6	5	54	<0.3	2	6	657	2.49	<2	13	47	<0.5	<3	<3	42	0.84	0.065	28	5	0.78	468	0.121	<20	1.3	0.1	0.53	<2	<0.05	<1	<5	<5	<5
2K17-01		1995569	94.27	96.27	2.00		1995569	Drill Core	7.72	<2	<1	5	7	53	<0.3	2	6	732	2.5	<2	11	83	<0.5	<3	<3	37	1.41	0.063	28	5	0.78	254	0.07	<20	1.25	0.07	0.34	<2	<0.05	<1	<5	<5	<5
2K17-01		1995570	96.27	98.27	2.00		1995570	Drill Core	7.77	<2	<1	4	6	56	<0.3	2	6	795	2.61	<2	13	74	<0.5	<3	<3	42	1.46	0.066	31	6	0.85	230	0.084	<20	1.28	0.07	0.32	<2	<0.05	<1	<5	<5	5
2K17-01		1995571	98.27	100.27	2.00		1995571	Drill Core	7.63	<2	<1	4	6	54	<0.3	2	6	748	2.55	<2	11	59	<0.5	<3	<3	40	1.24	0.064	27	5	0.82	185	0.089	<20	1.26	0.07	0.

Drill Sampling Interval Sheet, DDH 2K17-02a

2K Project, Provenance Gold Corp.

							Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
							Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
							Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
							MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments	Sample	Type																																		
2K17-2A	PGC	1995579	3.5	5.5	2.00		1995579	Drill Core	3.87	<2	<1	5	7	50	<0.3	2	5	657	2.18	100	10	25	<0.5	<3	<3	28	0.38	0.057	23	4	0.45	300	0.033	<20	1.07	0.05	0.29	<2	<0.05	<1	<5	<5	<5
		1995580	3.5	5.5	2.00	Duplicate	1995580	Drill Core	3.46	<2	<1	4	8	53	<0.3	2	6	714	2.25	123	12	26	<0.5	<3	<3	29	0.34	0.063	30	3	0.43	360	0.024	<20	1.13	0.05	0.33	<2	<0.05	<1	<5	<5	<5
		1995581			0.00	Std: CDN-GS-3M	1995581	Rock Pulp	0.13	3319	5	463	>10000	2305	95.6	15	13	1988	5.28	179	<2	45	28.9	70	<3	52	0.86	0.073	6	25	0.9	202	0.1	<20	1.53	0.12	0.41	2	1.52	<1	<5	<5	<5
		1995582			0.00	Blank	1995582	Drill Core	1.16	5	<1	2	6	12	<0.3	3	<1	86	0.14	4	<2	281	<0.5	<3	<3	15	19.63	0.01	2	5	10	20	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
		1995583	5.5	7.5	2.00		1995583	Drill Core	6.04	<2	<1	5	7	53	0.3	2	6	695	2.28	127	12	28	<0.5	<3	<3	31	0.35	0.061	29	3	0.45	413	0.026	<20	1.15	0.06	0.33	<2	<0.05	<1	<5	<5	<5
		1995584	7.5	9.5	2.00		1995584	Drill Core	6.73	2	<1	3	10	51	<0.3	2	6	664	2.14	124	12	26	<0.5	<3	<3	24	0.33	0.061	29	3	0.4	336	0.01	<20	1.07	0.04	0.29	<2	<0.05	<1	<5	<5	<5
		1995585	9.5	10.53	1.03		1995585	Drill Core	5.55	<2	<1	5	9	50	<0.3	2	5	630	2.17	80	12	25	<0.5	<3	<3	24	0.31	0.06	28	3	0.44	369	0.013	<20	1.11	0.04	0.27	<2	<0.05	<1	<5	<5	<5
		1995586	10.53	11.08	0.55		1995586	Drill Core	1.52	<2	<1	4	11	52	<0.3	2	6	891	2.2	80	14	26	<0.5	<3	<3	22	0.32	0.061	36	3	0.45	380	0.009	<20	1.14	0.03	0.26	<2	<0.05	<1	<5	<5	<5
		1995587	11.08	12.75	1.67		1995587	Drill Core	7.89	<2	<1	4	9	51	<0.3	2	6	562	2.15	73	14	26	<0.5	<3	<3	25	0.32	0.06	30	3	0.45	374	0.011	<20	1.12	0.04	0.23	<2	<0.05	<1	<5	<5	<5
		1995588	12.75	14.75	2.00		1995588	Drill Core	7.1	<2	<1	3	10	48	<0.3	2	5	592	2.06	56	13	26	<0.5	<3	<3	21	0.31	0.056	27	3	0.41	364	0.005	<20	1.06	0.04	0.22	<2	<0.05	<1	<5	<5	<5
		1995589	14.75	16.75	2.00		1995589	Drill Core	4.42	<2	<1	4	11	58	<0.3	2	6	556	2.13	46	13	26	<0.5	<3	<3	21	0.3	0.058	30	3	0.44	379	0.005	<20	1.14	0.04	0.24	<2	<0.05	<1	<5	<5	<5
		1995590	16.75	18.37	1.62		1995590	Drill Core	4.32	<2	<1	4	11	57	<0.3	2	6	726	2.15	41	13	25	<0.5	<3	<3	22	0.3	0.061	31	3	0.49	360	0.004	<20	1.19	0.04	0.24	<2	<0.05	<1	<5	<5	<5
		1995591	18.37	19.5	1.13		1995591	Drill Core	4.35	<2	<1	3	11	55	<0.3	2	6	695	2.33	15	14	18	<0.5	<3	<3	25	0.24	0.062	31	4	0.63	246	0.004	<20	1.22	0.04	0.22	<2	<0.05	<1	<5	5	<5
		1995592	19.5	21	1.50		1995592	Drill Core	5.45	<2	<1	4	10	51	<0.3	2	6	644	2.22	10	13	20	<0.5	<3	<3	25	0.23	0.057	30	4	0.59	287	0.004	<20	1.18	0.05	0.22	<2	<0.05	<1	<5	5	<5
		1995593	21	23	2.00		1995593	Drill Core	7.5	3	<1	5	10	52	<0.3	2	6	591	2.14	40	13	24	<0.5	<3	<3	23	0.3	0.061	33	3	0.47	289	0.003	<20	1.09	0.03	0.2	<2	<0.05	<1	<5	7	<5
		1995594	23	25	2.00		1995594	Drill Core	5.8	<2	<1	5	7	50	<0.3	2	6	561	2.21	36	12	27	<0.5	<3	<3	25	0.32	0.058	27	4	0.46	367	0.007	<20	1.15	0.05	0.23	<2	<0.05	<1	<5	<5	<5
		1995595	25	27	2.00		1995595	Drill Core	4.73	<2	<1	4	6	50	<0.3	2	6	591	2.23	24	13	28	<0.5	<3	<3	28	0.33	0.059	28	3	0.51	342	0.01	<20	1.13	0.07	0.17	<2	<0.05	<1	<5	6	<5
		1995596	27	28.9	1.90		1995596	Drill Core	7.2	<2	<1	4	6	52	<0.3	2	6	626	2.45	17	12	29	<0.5	<3	<3	37	0.36	0.061	27	4	0.63	386	0.054	<20	1.23	0.09	0.28	<2	<0.05	<1	<5	<5	<5
		1995597	28.9	29.58	0.68		1995597	Drill Core	0.9	7	<1	11	41	51	<0.3	2	6	658	2.3	50	11	26	<0.5	<3	<3	30	0.32	0.06	29	3	0.53	310	0.015	<20	1.1	0.06	0.18	<2	<0.05	<1	<5	<5	<5
		1995598	28.9	29.58	0.68	Duplicate	1995598	Drill Core	0.78	5	<1	11	26	47	<0.3	2	6	740	2.18	78	11	24	<0.5	<3	<3	28	0.31	0.06	28	3	0.51	316	0.014	<20	1.04	0.05	0.18	<2	<0.05	<1	<5	<5	<5
		1995599			0.00	Std: CDN-GS-3M	1995599	Rock Pulp	0.12	3065	5	463	>10000	2312	94.5	15	13	1987	5.25	179	<2	45	28.4	68	<3	52	0.89	0.073	6	25	0.91	201	0.1	<20	1.52	0.12	0.41	6	1.54	<1	<5	<5	<5
		1995600			0.00	Blank	1995600	Drill Core	1.01	5	<1	3	7	12	<0.3	3	<1	87	0.15	4	<2	288	<0.5	<3	<3	15	20.9	0.01	2	4	10.38	20	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
		1995601	29.58	31.58	2.00		1995601	Drill Core	7.3	<2	<1	4	5	51	<0.3	2	6	659	2.39	6	12	27	<0.5	<3	<3	36	0.34	0.06	30	4	0.64	392	0.06	<20	1.21	0.08	0.3	<2	<0.05	<1	<5	<5	<5
		1995602	31.58	32.15	0.57		1995602	Drill Core	2.34	<2	<1	3	4	50	<0.3	2	6	555	2.35	2	12	27	<0.5	<3	<3	39	0.35	0.058	27	4	0.7	382	0.082	<20	1.24	0.1	0.42	<2	<0.05	<1	<5	<5	<5
		1995603	32.15	34.15	2.00		1995603	Drill Core	4.58	<2	<1	5	11	51	<0.3	2	6	650	2.36	19	14	23	<0.5	<3	<3	25	0.3	0.062	34	3	0.59	327	0.01	<20	1.23	0.04	0.27	<2	<0.05	<1	<5	<5	<5
		1995604	34.15	36.15	2.00		1995604	Drill Core	6.73	<2	<1	6	7	51	<0.3	2	6	605	2.3	8	13	22	<0.5	<3	<3	26	0.26	0.061	28	3	0.64	320	0.015	<20	1.23	0.06	0.26	<2	<0.05	<1	<5	<5	<5
		1995605	36.15	38.15	2.00		1995605	Drill Core	6.12	7	<1	5	10	51	<0.3	2	6	639	2.35	7	11	23	<0.5	<3	<3	24	0.32	0.062	29	3	0.65	252	0.009	<20	1.23	0.05	0.24	<2	<0.05	<1	<5	6	<5
		1995606	38.15	39.63	1.48		1995606	Drill Core	3.59	<2	<1	3	12	51	<0.3	2	6	809	2.32	9	12	73	<0.5	<3	<3	19	1.36	0.063	30	3	0.58	202	0.003	<20	1.21	0.03	0.27	<2	<0.05	<1	<5	<5	<5
		1995607	39.63	41.63	2.00		1995607	Drill Core	7.54	<2	<1	5	11	47	<0.3	2	6	774	2.15	4	12	90	<0.5	<3	<3	18	1.65	0.06	31	3	0.54	193	0.003	<20	1.13	0.03	0.26	<2	<0.05	<1	<5	<5	<5
		1995608	41.63	43.63	2.00		1995608	Drill Core	5.92	<2	<1	10	13	54	<0.3	2	7	820	2.48	2	11	149	<0.5	<3	<3	25	2.42	0.071	31	3	0.67	214	0.005	<20	1.28	0.03	0.27	<2	<0.05	<1	<5	6	5
		1995609	42.62	45.44	2.82		1995609	Drill Core	7.12	6	<1	4	15	42	<0.3	2	5	759	2	5	12	140	<0.5	<3	<3	12	2.23	0.059	30	2	0.45	178	0.001	<20	1.08	0.02	0.28	<2	<0.05	<1	<5	<5	<5
		1995610	45.44	47	1.56		1995610	Drill Core	4.12	<2	<1	4	12	47	<0.3	2	6	578	2.2	10	13	46	<0.5	<3	<3	17	0.71	0.061	33	2	0.52	268	0.004	<20	1.14	0.03	0.26	<2	<0.05	<1	<5	<5	<5
		1995611	47	48	1.00		1995611	Drill Core	1.18	<2	<1	4	12	45	<0.3	2	6	583	2.15	8	11	59	<0.5	<3	<3	16	1.05	0.06	28	2	0.52	240	0.004	<20	1.11	0.03	0.24	<2	<0.05	<1	<5	<5	<5
		1995612	48	50	2.00		1995612	Drill Core	6.61	<2	<1	3	11	45	<0.3	2	5	581	2.06	3	12	78	<0.5	<3	<3	18	1.6	0.055	29	3	0.59	177	0.006	<20	1.14	0.03	0.25	<2	<0.05	<1	<5	<5	<5
		1995613	50	51	1.00		1995613	Drill Core	3.23	<2	<1	4	12	52	<0.3	2	6	649	2.32	11	12	66	<0.5	<3	<3	17	1.37	0.061	31	2	0.64	218	0.004	<20	1.28	0.02	0.26	<2	<0.05	<1	<5	<5	<5
		1995614	51	52.47	1.47		1995614	Drill Core	3.21	2	<1	3	16	67	<0.3	2	7	961	2.45	102	12	28	<0.5	<3	<3	13	0.36	0.06	33	2	0.6	294	<0.001	<20	1.51	0.01	0.36	<2	<0.05	<1	<5	6	<5
		1995615	52.47	54.47	2.00		1995615	Drill Core	6.72	<2	<1	2	11	38	<0.3	1	4	671	1.62	18	10	94	<0.5	<3	<3	9	1.84	0.048	24	4	0.32	592	<0.001	<20	0.88	0.02	0.28	<2	<0.05	<1	<5	<5	<5
		1995616	54.47	55.28	0.81		1995616	Drill Core	3.29	<2	<1	2	10	42	<0.3	1	4	664	1.81	10	10	152	<0.5	<3	<3	10	2.53	0.047	24	6	0.36	2632	<0.001	<20	0.97	0.02	0.29	<2	0.06	<1	<5	<5	<5
		1995617	55.28	57.14	1.86		1995617	Drill Core	5.76	<2	<1	2	10	49	<0.3	2	5	561	2.11	59	11	94	<0.5	<3	<3	17	1.81	0.055	28	5	0.43	515	0.003	<20	1.1	0.04	0.29	<2	<0.05	<1	<5	<5	<5
		1995618	57.14	59.14	2.00		1995618	Drill Core	7.49	3	<1	3	10	46	<0.3	2	5	626	2.02	19	11	125	<0.5	<3	<3	13	2.27	0.054	28	6	0.38	930	<0.001	<20	1.02	0.03	0.29	<2	<0.05	<1	<5	<5	<5
		1995619	59.14	59.7	0.56		1995619	Drill Core	1.14	13	<1	5	15	48	<0.3	2	5	658	2.11	59	13	107	<0.5	<3	<3	11	1.89	0.055	28	4	0.4	208	0.001	<20	1.02	0.02	0.27	<2	0.09	<1	<5	<5	<5
		1995620	59.14	59.7	0.56	Duplicate	1995620	Drill Core	1.2	21	<1	6	15	47	0.6	2	5	623	2.22	137	13	100	<0.5	<3	<3	12	1.75	0.058	25	4	0.36	318	0.001	<20	0.93	0.02	0.27	<2	0.44	<1	<5	<5	<5
		1995621			0.00	Std: CDN-GS-3M	1995621	Rock Pulp	0.12	660	6	70	120	179	78.1	9	1	1304	1.06	6	4	301	1.5	4	<3	4	8.61	0.003	7	14	0.05	130	0.001	<20	0.39	<0.01	0.2	<2	0.18	<1	<5	<5	<5
		1995622			0.00	Blank	1995622	Drill Core	0.95	5	<1	3	6	13	<0.3	3	<1	90	0.16	5	<2	290	<0.5	<3	<3	16	20.54	0.012	2	4	10.43	23	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
		1995623	59.7	61.7	2.00		1995623	Drill Core	8.12	<2	<1	3	9	46	<0.3	2	5	733	2.2	8	9	113	<0.5	<3	<3	20	2.08	0.053	26	7	0.55	209	0.007	<20	1.09	0.04	0.25	<2	<0.05	<1	<5	<5	<5
		1995624	61.7	63	1.30		1995624	Drill Core	5.21	<2	<1	4	10	46	<0.3	2	5	671	2.13	<2	12	96	<0.5	<3	<3	22	1.79	0.053	28	7	0.58	172	0.007	<20	1.09	0.05	0.25	<2	<0.05	<1	<5	<5	<5
		1995625	63	64.76	1.76		1995625	Drill Core	6.48	<2	<1	3	7	47	<0.3	2	5	642	2.16	<2	11	66	<0.5	<3	<3	28	1.33	0.052	25	8	0.64	275	0.039	<20	1.1	0.06	0.23	<2	<0.05	<1	<5	<5	<5
		1995626	64.76	66.76	2.00		1995626	Drill Core	7.7	<2	<1	4	7	51	<0.3	2	6	714	2.32	<2	11	70	<0.5	<3	<3	31	1.37	0.057	26	10	0.69	284	0.05	<20	1.2	0.07	0.28	<2	<0.05	<1	<5	7	<5
		1995627	66.76	68.76	2.00		1995627	Drill Core	7.62	<2	<1	3	8	50	<0.3	2	5	665	2.3	4	12	53	<0.5	<3	<3	34	1.16	0.056	26	7	0.69	314	0.089	<20	1.16	0.07	0.21	<2	<0.05	<1	<5	<5	<5
		1995628	68.76	70.5	1.74		1995628	Drill Core	6.74	9	<1	6	8	47	<0.3	2	5	697	2.27	6	11	66	<0.5	<3	<3	31	1.49	0.056	26	6	0.66	289	0.068	<20	1.17	0.06	0.23	<2	<0.05	<1	<5	5	<5
		1995629	70.5	72.5	2.00		1995629	Drill Core	7.17	<2	<1	3	7	49	<0.3	2	6	765	2.28	<2	12	76	<0.5	<3	<3	31	1.52	0.057	27	7	0.71	257	0.061	<20	1.18	0.07	0.23	<2	<0.05	<1	<5	7	<5
		1995630	72.5	74.5	2.00		1995630	Drill Core	7.67	<2	<1	3	6	50	<0.3	2	6	688	2.31	3	11	59	<0.5	<3	<3	35	1.13	0.057	25	7	0.71	253	0.082	<20	1.16	0.07	0.21	<2	<0.05	<1	<5	<5	<5
		1995631	74.5	75	0.50		1995631	Drill Core	2.14	<2	<1	4	7	51	<0.3	2	6	738	2.37	4	10	75	<0.5	<3	<3	35	1.44	0.058	25	7	0.7	223	0.067	<20	1.17	0.07	0.23	<2	<0.05	<1	<5	<5	<5
		1995632	75	77	2.00		1995632	Drill Core	8.29	<2	<1	3	6	52	<0.3	2	6	707	2.4	4	11	63	<0.5	<3	<3	37	1.22	0.057	26	7	0.71	245	0.112	<20	1.19	0.08	0.21	<2	<0.05	<1	<5	<5	5
		1995633	77	79	2.00		1995633	Drill Core	7.13	<2	<1	2	7	50	<0.3	2	5	699	2.27	4	12	66	<0.5	<3	<3	35	1.29	0.056	24	6	0.69	259	0.111	<20	1.16	0.07	0.22	<2	<0.05	<1	<5	<5	<5
		1995634	79	81	2.00		1995634	Drill Core	8.72	<2	2	4	9	48	<0.3	2	5	697	2.26	3	12	74	<0.5	<3	<3	31	1.48	0.056	25	7	0.66	180	0.081	<20	1.11	0.05	0.22	<2	<0.05	<1	<5	<5	<5
		1995635	81	82.94	1.94		1995635	Drill Core	8.14	<2	<1	3	7	49	<0.3	2	5	673	2.29	3	11	58	<0.5	<3	<3	37	1.12	0.056	27	6	0.7	242	0.108	<20	1.13	0.07	0.23	<2	<0.05	<1	<5	<5	<5
		1995636	82.94	84.94	2.00		1995636	Drill Core	8.5	<2	<1	3	7	50	<0.3	2	6	657	2.3	3	10	59	<0.5	<3	<3	36	1.12	0.057	25	6	0.71	206	0.098	<20	1.16	0.08	0.21	<2	<0.05	<1	<5	<5	<5
		1995637	84.94	86.94	2.00		1995637	Drill Core	3.89	<2	<1	4	7	47	<0.3	2	5	696	2.24	3	11	75	<0.5	<3	<3	32	1.48	0.056	24	7	0.66	180	0.07	<20	1.14	0.06	0.23	<2	<0.05	<1	<5	<5	<5
		1995638	84.94	86.94	2.00	Duplicate	1995638	Drill Core	3.46	<2	<1	5	7	48	<0.3	2	5	678	2.29	3	13	70	<0.5	<3	<3	33	1.44	0.056	29	5	0.68	190	0.076	<20	1.13	0.06	0.23	<2	<0.05	<1	<5	<5	<5
		1995639			0.00	Std: CDN-GS-3M	1995639	Rock Pulp	0.12	703	5	69	118	179	75.9	9	1	1305	1.06	6	4	301	1.5	4	<3	3	8.67	0.003	7	15	0.04	127	0.001	<20	0.39	<0.01	0.2	<2	0.18	<1	<5	<5	<5
		1995640			0.00	Blank	1995640	Rock	0.93	6	<1	4	6	12	<0.3	3	<1	87	0.15	4	<2	283	<0.5	<3	<3	15	20.18	0.011	2	7	10.11	20	0.002	<20	0.11	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
		1995641	86.94	88	1.06		1995641	Drill Core	4.4	<2	30	12	7	49	<0.3	2	5	691	2.2	3	12	70	<0.5	<3	<3	30	1.51	0.054	24	3	0.66	153	0.074	<20	1.09	0.05	0.22	<2	<0.05	<1	<5	<5	<5
		1995642	88	90	2.00		1995642	Drill Core	7.76	<2	7	7	8	52	<0.3	2	5	680	2.32	4	13	59	<0.5	<3	<3	35	1.27	0.057	25	5	0.69	186	0.126	<20	1.11	0.06	0.2	<2	<0.05	<1	<5	<5	<5
		1995643	90	92	2.00		1995643	Drill Core	7.46	<2	<1	5	5	48	<0.3	2	5	646	2.34	2	13	59	<0.5	<3	<3	34	1.1	0.057	25	2	0.7	211	0.097	<20	1.16	0.07	0.28	<2	<0.05	<1	<5	<5	<5
		1995644	92	94.14	2.14		1995644	Drill Core	8.1	<2	<1	4	6	50	<0.3	2	5	704	2.44	3	12	58	<0.5	<3	<3	38	1.23	0.059	26	4	0.72	218	0.139	<20	1.16	0.07	0.22	<2	<0.05	<1	<5	<5	5
		1995645	94.14	94.83	0.69		1995645	Drill Core	2.51	<2	<1	5	9	63	<0.3	2	7	936	2.99	5	13	65	<0.5	<3	<3	53	1.62	0.074	30	3	0.97	167	0.155	<20	1.31	0.04	0.16	<2	<0.05	<1	<5	<5	11
		1995646	94.83	96.83	2.00		1995646	Drill Core	7.98	<2	<1	3	6	47	<0.3	2	5	662	2.27	2	12	60	<0.5	<3	<3	34	1.14	0.057	25	2	0.69	192	0.099	<20	1.12	0.06	0.26	<2	<0.05	<1	<5	<5	<5
		1995647	96.83	98.2	1.37		1995647	Drill Core	5.07	<2	<1	4	5	50	<0.3	1	5	690	2.46	<2	13	57	<0.5	<3	<3	38	1.05	0.061	28	4	0.73	290	0.118	<20	1.19	0.08	0.37	<2	<0.05	<1	<5	<5	5
		1995648	102	104	2.00		1995648	Drill Core	7.64	6	<1	4	8	52	<0.3	2	6	682	2.44	17	13	56	<0.5	<3	<3	37	1.35	0.062	27	3	0.75	157	0.121	<20	1.14	0.05	0.23	<2	<0.05	<1	<5	<5	6
		1995649	104	106	2.00		1995649	Drill Core	7.78	4	<1	6	12	65	<0.3	2	5	660	2.33	4	11	58	<0.5	<3	<3	36	1.22	0.058	25	4	0.72	133	0.133	<20	1.12	0.06	0.19	<2	<0.05	<1	<5	<5	<5
		1995650	106	108	2.00		1995650	Drill Core	6.97	<2	<1	4	6	52	<0.3	2	6	684	2.48	2	12	46	<0.5	<3	<3	43	1.07	0.063	27	3	0.77	218	0.149	<20	1.18	0.08	0.33	<2	<0.05	<1	<5	<5	<5
		1995651	108	110	2.00		1995651	Drill Core	8.25	<2	<1	4	7	52	<0.3	2	6	669	2.45	3	10	50	<0.5	<3	<3	41	1.09	0.06	24	4	0.75	178	0.137	<20	1.16	0.08	0.27	<2	<0.05	<1	<5	<5	<5
		1995652	110	112	2.00		1995652	Drill Core	7.74	<2	<1	4	6	52	<0.3	2	6	709	2.53	3	11	50	<0.5	<3	<3	42	1.12	0.061	25	4	0.77	190	0.15	<20	1.2	0.08	0.24	<2	<0.05	<1	<5	<5	<5
		1995653	112

Drill Sampling Interval Sheet, DDH 2K17-02b

2K Project, Provenance Gold Corp

							Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
							Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc		
							Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM	PPM	
							MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5		
DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments	Sample	Type																																				
2K17-2B	PGC	1995657	3.5	5.25	1.75		1995657	Drill Core	3.28	<2	<1	4	6	53	<0.3	2	5	589	2.28	135	11	27	<0.5	<3	<3	33	0.34	0.062	25	3	0.49	395	0.068	<20	1.24	0.07	0.45	<2	<0.05	<1	<5	<5	<5		
		1995658	3.5	5.25	1.75	Duplicate	1995658	Drill Core	3.21	<2	<1	4	7	53	<0.3	2	6	660	2.25	147	13	26	<0.5	<3	<3	32	0.33	0.063	28	2	0.47	389	0.057	<20	1.22	0.06	0.42	<2	<0.05	<1	<5	<5	<5		
		1995659				Standard	1995659	Rock Pulp	0.12	802	5	71	118	181	79.4	9	1	1320	1.11	6	5	303	1.6	4	<3	4	8.59	0.003	7	16	0.05	132	0.001	<20	0.41	<0.01	0.21	<2	0.19	<1	<5	<5	<5		
		1995660				Blank	1995660	Rock	1.11	8	<1	2	6	12	<0.3	3	<1	87	0.14	4	<2	286	<0.5	<3	<3	14	19.78	0.01	2	7	10.02	20	0.002	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
		1995661	5.25	7.25	2.00		1995661	Drill Core	6.99	<2	<1	4	12	44	<0.3	2	5	761	2.11	215	14	17	<0.5	<3	<3	18	0.26	0.065	33	2	0.15	243	0.003	<20	0.66	0.02	0.28	<2	<0.05	<1	<5	<5	<5		
		1995662	7.25	9.25	2.00		1995662	Drill Core	6.69	2	<1	3	13	44	<0.3	1	5	712	2.1	93	14	17	<0.5	<3	<3	14	0.24	0.06	32	2	0.18	266	0.002	<20	0.65	0.02	0.25	<2	<0.05	<1	<5	<5	<5		
		1995663	9.25	9.83	0.58		1995663	Drill Core	2.66	<2	<1	4	12	50	0.4	2	6	652	2.31	87	13	18	<0.5	<3	<3	19	0.27	0.062	30	2	0.24	329	0.008	<20	0.79	0.03	0.28	<2	<0.05	<1	<5	<5	<5		
		1995664	9.83	11.83	2.00		1995664	Drill Core	6.38	<2	<1	2	13	37	<0.3	1	6	766	2.14	149	12	16	<0.5	<3	<3	10	0.23	0.063	30	2	0.07	290	<0.001	<20	0.47	0.01	0.26	<2	<0.05	<1	<5	<5	<5		
		1995665	11.83	12.55	0.72	Dyke	1995665	Drill Core	3.52	3	<1	2	13	55	<0.3	2	7	993	3.22	289	11	20	<0.5	<3	<3	15	0.27	0.06	27	3	0.17	350	<0.001	<20	0.68	0.01	0.28	<2	<0.05	<1	<5	<5	<5		
		1995666	12.55	13.8	1.25		1995666	Drill Core	3.65	<2	<1	29	6	99	<0.3	53	28	1136	5.34	127	<2	133	<0.5	<3	<3	67	1.7	0.245	30	66	1.46	522	0.168	<20	2.37	0.23	0.19	<2	<0.05	<1	<5	<5	8		
		1995667	13.8	14.24	0.44		1995667	Drill Core	1.32	3	<1	5	7	49	<0.3	4	6	637	2.85	188	12	37	<0.5	<3	<3	32	0.45	0.066	31	4	0.81	423	0.051	<20	1.51	0.06	0.42	<2	<0.05	<1	<5	<5	5		
		1995668	14.24	16.24	2.00		1995668	Drill Core	6.17	<2	<1	6	4	53	<0.3	2	6	607	2.55	56	11	33	<0.5	<3	<3	44	0.44	0.064	25	4	0.68	409	0.17	<20	1.33	0.1	0.68	<2	<0.05	<1	<5	<5	<5		
		1995669	16.24	18.24	2.00		1995669	Drill Core	4.06	<2	<1	5	4	51	<0.3	2	6	613	2.52	45	11	31	<0.5	<3	<3	44	0.42	0.066	25	3	0.7	438	0.17	<20	1.3	0.1	0.68	<2	<0.05	<1	<5	<5	<5		
		1995670	18.24	21	2.76		1995670	Drill Core	2.69	2	<1	6	5	56	<0.3	2	6	740	2.77	54	13	33	<0.5	<3	<3	48	0.45	0.068	31	3	0.72	442	0.174	<20	1.32	0.08	0.52	<2	<0.05	<1	<5	<5	7		
		1995671	21	23	2.00		1995671	Drill Core	5.76	<2	<1	4	3	54	<0.3	2	6	671	2.73	31	12	31	<0.5	<3	<3	45	0.42	0.068	27	4	0.75	445	0.135	<20	1.38	0.09	0.61	<2	<0.05	<1	<5	<5	5		
		1995672	23	24.88	1.88		1995672	Drill Core	6.34	<2	<1	7	<3	52	0.4	2	7	575	2.63	36	12	29	<0.5	<3	<3	45	0.39	0.065	25	5	0.69	439	0.14	<20	1.33	0.11	0.65	<2	<0.05	<1	<5	<5	<5		
		1995673	24.88	26.28	1.40		1995673	Drill Core	3.61	<2	<1	4	4	52	<0.3	2	7	673	2.68	81	14	29	<0.5	<3	<3	43	0.37	0.067	31	5	0.66	393	0.075	<20	1.35	0.09	0.42	<2	<0.05	<1	<5	<5	5		
		1995674	26.28	26.6	0.32		1995674	Drill Core	1.38	<2	<1	5	9	43	<0.3	1	5	395	2.13	168	12	21	<0.5	<3	<3	20	0.3	0.066	29	3	0.31	234	0.013	<20	0.99	0.04	0.36	<2	<0.05	<1	<5	<5	<5		
		1995675	26.6	28.78	2.18		1995675	Drill Core	7.76	<2	<1	4	3	49	0.3	2	7	563	2.49	15	12	26	<0.5	<3	<3	42	0.38	0.063	25	6	0.69	378	0.122	<20	1.28	0.09	0.6	<2	<0.05	<1	<5	<5	<5		
		1995676	28.78	30.66	1.88		1995676	Drill Core	2.88	2	<1	6	3	45	<0.3	2	6	538	2.41	64	11	25	<0.5	<3	<3	39	0.34	0.063	25	5	0.62	399	0.105	<20	1.22	0.08	0.56	<2	<0.05	<1	<5	<5	<5		
		1995678	28.78	30.66	1.88	Duplicate	1995678	Drill Core	2.95	2	<1	6	4	47	<0.3	2	7	584	2.5	84	12	25	<0.5	<3	3	40	0.34	0.065	25	5	0.61	401	0.099	<20	1.23	0.08	0.56	<2	<0.05	<1	<5	<5	<5		
		1995679				Standard	1995679	Rock Pulp	0.12	713	6	62	117	174	74.2	9	1	1242	1.04	6	5	287	1.7	4	<3	3	8.01	0.001	7	14	0.04	123	0.001	<20	0.38	<0.01	0.2	<2	0.18	<1	<5	<5	<5		
		1995680				Blank	1995680	Rock	1.28	6	<1	2	9	11	<0.3	3	<1	89	0.15	4	<2	273	<0.5	<3	<3	15	19.1	0.008	2	3	10.33	20	0.002	<20	0.1	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
		1995681	30.66	32.66	2.00		1995681	Drill Core	7.08	<2	<1	3	<3	50	<0.3	2	7	555	2.5	18	11	28	<0.5	<3	<3	44	0.37	0.063	24	6	0.67	424	0.136	<20	1.32	0.11	0.67	<2	<0.05	<1	<5	<5	<5		
		1995682	32.66	33.47	0.81		1995682	Drill Core	3.03	<2	<1	4	4	61	<0.3	2	8	662	2.97	62	11	27	<0.5	<3	<3	51	0.36	0.069	24	5	0.77	432	0.119	<20	1.49	0.09	0.65	<2	<0.05	<1	<5	<5	8		
		1995683	33.47	35.66	2.19		1995683	Drill Core	6.14	<2	<1	4	4	53	<0.3	2	7	572	2.51	68	14	24	<0.5	<3	<3	40	0.33	0.065	29	4	0.66	400	0.097	<20	1.3	0.07	0.57	<2	<0.05	<1	<5	<5	<5		
		1995684	35.66	37.66	2.00		1995684	Drill Core	5.25	<2	<1	4	<3	54	<0.3	2	7	628	2.65	8	13	34	<0.5	<3	<3	44	0.53	0.068	26	5	0.76	370	0.121	<20	1.36	0.1	0.59	<2	<0.05	<1	<5	<5	<5		
		1995685	37.66	39.57	1.91		1995685	Drill Core	6.32	<2	<1	4	4	52	<0.3	2	7	670	2.55	15	13	39	<0.5	<3	<3	38	0.6	0.063	27	5	0.67	356	0.081	<20	1.29	0.09	0.53	<2	<0.05	<1	<5	<5	<5		
		1995686	39.57	40.2	0.63		1995686	Drill Core	2.08	<2	<1	6	5	51	<0.3	2	6	613	2.48	62	13	25	<0.5	<3	<3	37	0.34	0.064	27	5	0.62	417	0.069	<20	1.26	0.06	0.5	<2	<0.05	<1	<5	<5	<5		
		1995687	40.2	42.2	2.00		1995687	Drill Core	9.01	<2	<1	3	3	50	<0.3	2	7	639	2.5	3	12	43	<0.5	<3	<3	42	0.74	0.063	25	6	0.69	382	0.119	<20	1.28	0.1	0.64	<2	<0.05	<1	<5	<5	<5		
		1995688	42.2	44.2	2.00		1995688	Drill Core	6.42	<2	<1	4	<3	51	<0.3	2	7	596	2.6	16	12	29	<0.5	<3	<3	42	0.39	0.064	24	5	0.69	396	0.106	<20	1.35	0.1	0.62	<2	<0.05	<1	<5	<5	<5		
		1995689	44.2	46.2	2.00		1995689	Drill Core	8.05	<2	<1	4	5	53	<0.3	2	7	650	2.61	4	13	47	<0.5	<3	<3	45	0.77	0.066	27	6	0.73	422	0.123	<20	1.38	0.11	0.66	<2	<0.05	<1	<5	<5	5		
		1995690	46.2	48.2	2.00		1995690	Drill Core	7.64	<2	<1	5	7	50	<0.3	2	6	681	2.43	<2	14	94	<0.5	<3	<3	33	1.56	0.065	29	6	0.64	350	0.054	<20	1.23	0.05	0.45	<2	<0.05	<1	<5	<5	<5		
		1995691	48.2	50.2	2.00		1995691	Drill Core	6.92	<2	<1	3	<3	52	<0.3	2	7	642	2.55	<2	13	52	<0.5	<3	3	43	0.88	0.064	27	7	0.73	387	0.124	<20	1.32	0.09	0.64	<2	<0.05	<1	<5	<5	<5		
		1995692	50.2	52.06	1.86		1995692	Drill Core	7.46	<2	<1	3	6	50	<0.3	2	6	654	2.44	6	13	78	<0.5	<3	<3	32	1.52	0.065	28	5	0.62	685	0.07	<20	1.14	0.05	0.51	<2	<0.05	<1	<5	<5	<5		
		1995693	52.06	53.23	1.17		1995693	Drill Core	4.22	<2	<1	4	8	50	<0.3	2	6	615	2.31	5	13	103	<0.5	<3	<3	21	1.75	0.063	28	4	0.54	3048	0.024	<20	1.06	0.02	0.39	<2	0.07	<1	<5	<5	<5		
		1995694	53.23	54.89	1.66		1995694	Drill Core	6.3	<2	<1	3	<3	48	<0.3	2	7	639	2.45	3	11	62	<0.5	<3	<3	38	1.06	0.061	24	6	0.68	427	0.111	<20	1.25	0.08	0.64	<2	<0.05	<1	<5	<5	<5		
		1995695	54.89	56.64	1.75		1995695	Drill Core	6.74	<2	<1	6	<3	48	<0.3	2	6	626	2.39	7	13	58	<0.5	<3	<3	35	1.16	0.06	29	6	0.57	360	0.084	<20	1.13	0.06	0.54	<2	<0.05	<1	<5	<5	<5		
		1995696	56.64	58	1.36		1995696	Drill Core	5.44	<2	<1	5	<3	50	<0.3	2	7	682	2.49	<2	13	74	<0.5	<3	<3	36	1.28	0.064	27	6	0.67	359	0.089	<20	1.14	0.06	0.61	<2	<0.05	<1	<5	<5	<5		
		1995697	58	59	1.00		1995697	Drill Core	1.84	<2	<1	7	6	37	<0.3	1	5	827	2.07	18	13	117	<0.5	<3	<3	16	2.29	0.061	27	3	0.64	538	0.017	<20	0.64	0.02	0.37	<2	<0.05	<1	<5	<5	<5		
		1995698	58	59	1.00	Duplicate	1995698	Drill Core	1.89	<2	<1	7	9	35	<0.3	1	5	821	2.11	33	14	97	<0.5	<3	<3	16	2.04	0.06	29	3	0.55	413	0.015	<20	0.65	0.03	0.39	<2	<0.05	<1	<5	<5	<5		
		1995699				Standard	1995699	Rock Pulp	0.12	718	5	66	116	174	82.5	9	1	1255	1.05	6	5	288	1.7	4	<3	3	8.07	0.001	7	14	0.04	124	0.001	<20	0.37	<0.01	0.2	<2	0.18	<1	<5	<5	<5		
		1995700				Blank	1995700	Rock	0.95	5	<1	3	6	10	<0.3	3	<1	91	0.15	4	<2	281	<0.5	4	<3	16	19.72	0.007	2	4	10.75	22	0.002	<20	0.1	<0.01	0.01	<2	<0.05	<1	<5	<5	<5		
		1995701	59	61	2.00		1995701	Drill Core	7.72	<2	<1	11	<3	63	<0.3	2	9	788	3.14	8	11	56	<0.5	<3	<3	54	1.07	0.076	23	7	0.89	678	0.15	<20	1.64	0.1	0.82	<2	<0.05	<1	<5	<5	8		
		1995702	61	63	2.00		1995702	Drill Core	7.67	<2	<1	4	<3	49	<0.3	2	7	596	2.42	3	12	39	<0.5	<3	<3	43	0.66	0.063	23	7	0.67	462	0.146	<20	1.27	0.11	0.67	<2	<0.05	<1	<5	<5	<5		
		1995703	63	65	2.00		1995703	Drill Core	7.82	<2	<1	4	<3	47	<0.3	2	6	619	2.42	3	12	47	<0.5	<3	<3	42	0.85	0.059	25	7	0.69	392	0.129	<20	1.29	0.11	0.67	<2	<0.05	<1	<5	<5	<5		
		1995704	65	67	2.00		1995704	Drill Core	8.5	<2	<1	4	4	49	<0.3	2	7	626	2.56	3	13	44	<0.5	<3	<3	46	0.74	0.063	25	7	0.73	445	0.15	<20	1.37	0.13	0.72	<2	<0.05	<1	<5	<5	<5		
		1995705	67	69	2.00		1995705	Drill Core	7.48	<2	<1	4	<3	47	<0.3	2	7	592	2.46	4	13	35	<0.5	<3	<3	44	0.7	0.061	26	6	0.68	388	0.152	<20	1.26	0.11	0.67	<2	<0.05	<1	<5	<5	<5		
		1995706	69	69.84	0.84		1995706	Drill Core	3.62	<2	<1	4	<3	48	<0.3	2	6	649	2.42	16	14	44	<0.5	<3	<3	42	1.05	0.061	29	6	0.69	364	0.111	<20	1.22	0.08	0.54	<2	<0.05	<1	<5	<5	<5		
		1995707	69.84	71.4	1.56		1995707	Drill Core	5.43	<2	<1	7	<3	49	<0.3	2	6	628	2.47	16	13	42	<0.5	<3	<3	41	0.9	0.062	25	6	0.72	392	0.107	<20	1.34	0.09	0.63	<2	<0.05	<1	<5	<5	<5		
		1995708	71.4	73.2	1.80		1995708	Drill Core	6.6	51	<1	5	6	51	<0.3	2	7	719	2.68	1326	14	79	<0.5	<3	<3	36	1.58	0.063	28	7	0.69	244	0.058	<20	1.29	0.06	0.43	<2	0.1	<1	<5	<5	<5		
		1995709	73.2	74.81	1.61		1995709	Drill Core	6.52	47	<1	8	11	46	<0.3	2	6	740	2.34	1017	9	79	<0.5	<3	<3	31	1.52	0.059	21	4	0.6	260	0.057	<20	1.12	0.06	0.46	<2	0.19	<1	<5	<5	<5		
		1995710	79.58	80.65	1.07		1995710	Drill Core	4.54	20	<1	8	81	326	0.5	2	6	710	2.36	2008	10	69	8	<3	<3	33	1.3	0.062	20	4	0.62	291	0.09	<20	1.07	0.07	0.58	<2	0.21	<1	<5	<5	<5		
		1995711	80.65	81.26	0.61		1995711	Drill Core	2.71	30	<1	4	4	50	<0.3	2	6	629	2.46	8	12	43	<0.5	<3	<3	42	0.83	0.064	26	5	0.68	370	0.144	<20	1.29	0.1	0.78	<2	0.07	<1	<5	<5	<5		
		1995712	86.9	88.18	1.28		1995712	Drill Core	5.44	6	<1	5	7	52	<0.3	2	6	633	2.56	64	9	33	<0.5	<3	<3	45	0.69	0.066	22	5	0.72	362	0.151	<20	1.3	0.1	0.73	<2	<0.05	<1	<5	<5	<5		
		1995713	89.68	90.9	1.22		1995713	Drill Core	4.93	<2	<1	6	3	49	<0.3	2	6	569	2.35	4	11	30	<0.5	<3	<3	41	0.55	0.059	22	5	0.65	347	0.158	<20	1.28	0.12	0.7	<2	<0.05	<1	<5	<5	<5		
		1995714	93.27	94.63	1.36		1995714	Drill Core	3.44	<2	<1	6	<3	50	<0.3	2	6	584	2.41	3	10	35	<0.5	<3	<3	41	0.64	0.06	23	5	0.65	328	0.135	<20	1.24	0.12	0.67	<2	<0.05	<1	<5	<5	<5		
		1995715	102.68	104	1.32		1995715	Drill Core	5.52	9	<1	5	9	50	<0.3	2	5	620	2.16	378	9	48	<0.5	<3	<3	32	1.04	0.061	21	5	0.59	269	0.088	<20	1.07	0.07	0.49	<2	<0.05	<1	<5	<5	<5		
		1995716	105	107	2.00		1995716	Drill Core	8.24	<2	<1	10	<3	58	<0.3	2	7	719	2.71	3	10	39	<0.5	<3	<3	49	0.64	0.068	25	4	0.78	462	0.175	<20	1.44	0.13	0.83	<2	<0.05	<1	<5	<5	<5		

Drill Sampling Interval Sheet: DDH 2K17-03

2K Gold Project, Provenance Gold Corp

							Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
							Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
							Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
							MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments	Sample	Type																																			
2K17	PGC	1995717	4.5	6.4	1.90		1995717	Drill Core	3.16	3	<1	4	14	45	<0.3	2	5	671	1.97	44	12	19	<0.5	<3	<3	20	0.27	0.053	25	3	0.34	341	0.013	<20	1	0.02	0.27	<2	<0.05	<1	<5	<5	<5
		1995718	4.5	6.4	1.90	Duplicate	1995718	Drill Core	3.54	3	1	4	15	45	0.3	2	5	668	1.98	45	12	19	<0.5	<3	<3	19	0.26	0.053	26	3	0.32	346	0.011	<20	1	0.02	0.28	<2	<0.05	<1	<5	<5	<5
		1995719			0.00	Standard	1995719	Rock Pulp	0.12	719	6	66	121	176	76.7	9	1	1239	1.01	7	4	294	1.6	6	<3	3	7.99	0.002	7	14	0.04	124	0.001	<20	0.37	<0.01	0.2	<2	0.19	<1	<5	<5	<5
		1995720			0.00	Blank	1995720	Rock	0.58	5	<1	10	12	14	<0.3	3	<1	94	0.16	4	<2	290	0.5	<3	<3	16	19.03	0.008	2	3	11.06	23	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
		1995721	6.4	7.75	1.35		1995721	Drill Core	4.48	5	<1	4	14	47	<0.3	2	5	673	1.98	35	13	19	<0.5	<3	<3	19	0.25	0.053	27	3	0.32	365	0.016	<20	0.94	0.03	0.29	<2	<0.05	<1	<5	<5	<5
		1995722	7.75	8.55	0.80		1995722	Drill Core	2.44	6	1	3	17	44	<0.3	1	4	573	1.95	49	13	20	<0.5	<3	<3	16	0.28	0.053	29	2	0.3	289	0.003	<20	0.98	0.02	0.25	<2	<0.05	<1	<5	<5	<5
		1995723	8.55	10.5	1.95		1995723	Drill Core	3.17	<2	<1	2	18	43	<0.3	1	4	654	1.84	57	13	19	<0.5	<3	<3	18	0.26	0.052	26	3	0.3	313	0.006	<20	0.89	0.03	0.24	<2	<0.05	<1	<5	<5	<5
		1995724	10.5	12	1.50		1995724	Drill Core	6.03	<2	<1	4	16	46	<0.3	2	5	774	1.94	60	11	20	<0.5	<3	<3	20	0.27	0.052	24	3	0.35	329	0.005	<20	0.92	0.03	0.21	<2	<0.05	<1	<5	<5	<5
		1995725	12	12.82	0.82		1995725	Drill Core	3.55	<2	<1	3	16	47	<0.3	2	5	626	2.03	57	13	22	<0.5	<3	<3	20	0.28	0.056	28	3	0.35	332	0.007	<20	1.02	0.03	0.23	<2	<0.05	<1	<5	<5	<5
		1995726	12.82	13.5	0.68		1995726	Drill Core	1.26	<2	1	3	18	46	<0.3	2	5	830	1.78	37	11	21	<0.5	<3	<3	16	0.28	0.049	25	2	0.35	309	0.003	<20	0.97	0.02	0.22	<2	<0.05	<1	<5	<5	<5
		1995727	13.5	15.5	2.00		1995727	Drill Core	7.77	<2	<1	9	14	58	0.6	10	8	674	2.73	38	11	28	<0.5	<3	<3	32	0.4	0.087	28	21	0.62	364	0.005	<20	1.6	0.03	0.31	<2	<0.05	<1	<5	<5	<5
		1995728	15.5	16.15	0.65		1995728	Drill Core	2.63	<2	<1	4	11	50	<0.3	5	6	754	2.25	81	13	27	<0.5	<3	<3	25	0.33	0.059	31	8	0.5	398	0.003	<20	1.25	0.03	0.22	<2	<0.05	<1	<5	<5	<5
		1995729	6.15	17.27	11.12		1995729	Drill Core	2.7	<2	<1	24	3	100	<0.3	50	26	930	6.79	101	3	71	<0.5	<3	<3	109	1.15	0.265	40	100	1.84	750	0.009	<20	3.55	0.03	0.19	<2	<0.05	<1	<5	10	9
		1995730	17.27	19.27	2.00		1995730	Drill Core	5.19	<2	<1	7	13	44	<0.3	2	5	677	1.84	9	11	87	<0.5	<3	<3	16	1.62	0.049	25	3	0.49	188	0.001	<20	1.05	0.02	0.22	<2	<0.05	<1	<5	<5	<5
		1995731	19.27	21.27	2.00		1995731	Drill Core	6.38	<2	<1	5	8	50	<0.3	2	6	700	2.21	5	12	16	<0.5	<3	<3	26	0.23	0.055	27	3	0.64	316	0.003	<20	1.08	0.04	0.13	<2	<0.05	<1	<5	<5	<5
		1995732	21.27	22.9	1.63		1995732	Drill Core	4.45	<2	<1	13	12	51	<0.3	2	6	648	2.21	13	12	19	<0.5	<3	<3	26	0.24	0.055	25	3	0.56	318	0.003	<20	1.07	0.05	0.14	<2	<0.05	<1	<5	<5	<5
		1995733	22.9	24	1.10		1995733	Drill Core	3.71	<2	<1	3	12	49	<0.3	2	5	584	2.07	32	13	21	<0.5	<3	<3	18	0.28	0.06	31	3	0.4	314	0.002	<20	1.06	0.02	0.23	<2	<0.05	<1	<5	<5	<5
		1995734	24	26	2.00		1995734	Drill Core	5.07	<2	<1	4	9	49	<0.3	2	5	552	2.02	27	11	21	<0.5	<3	<3	19	0.26	0.056	27	2	0.45	328	0.004	<20	1.06	0.04	0.19	<2	<0.05	<1	<5	<5	<5
		1995735	26	28	2.00		1995735	Drill Core	4.41	<2	<1	4	8	50	<0.3	2	6	612	2.24	12	12	18	<0.5	<3	<3	23	0.23	0.057	27	3	0.55	248	0.002	<20	1.06	0.04	0.14	<2	<0.05	<1	<5	<5	<5
		1995736	28	30	2.00		1995736	Drill Core	2.29	<2	<1	3	12	49	<0.3	2	5	790	2.01	23	14	20	<0.5	<3	<3	19	0.26	0.057	32	3	0.44	306	0.002	<20	1.05	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995737	30	31.39	1.39		1995737	Drill Core	2.01	3	<1	4	13	50	<0.3	2	5	624	2.1	20	12	19	<0.5	<3	<3	20	0.25	0.057	27	3	0.46	267	0.004	<20	1.1	0.03	0.21	<2	<0.05	<1	<5	<5	<5
		1995738	30	31.39	1.39	Duplicate	1995738	Drill Core	1.85	5	1	4	12	47	0.3	2	5	681	2	24	12	19	<0.5	<3	<3	19	0.25	0.056	27	3	0.43	276	0.003	<20	1.07	0.03	0.22	<2	<0.05	<1	<5	<5	<5
		1995739			0.00	Standard	1995739	Rock Pulp	0.12	732	5	65	121	177	78.9	10	1	1239	1.03	7	4	294	1.6	5	<3	4	8.13	0.002	7	14	0.04	126	0.001	<20	0.38	<0.01	0.21	<2	0.2	<1	<5	<5	<5
		1995740			0.00	Blank	1995740	Rock	0.38	5	<1	3	9	12	<0.3	3	<1	92	0.15	4	<2	287	<0.5	5	<3	15	18.97	0.007	2	3	11.09	22	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
		1995741	33.39	34.05	0.66		1995741	Drill Core	1.83	<2	<1	4	13	47	<0.3	1	5	595	1.98	10	14	24	<0.5	<3	<3	11	0.49	0.054	31	2	0.43	148	0.002	<20	1.06	0.01	0.24	<2	<0.05	<1	<5	<5	<5
		1995742	34.05	36.05	2.00		1995742	Drill Core	7.19	<2	<1	3	7	46	<0.3	2	5	644	2.07	10	11	53	<0.5	<3	<3	23	1.35	0.05	24	3	0.58	170	0.008	<20	1.02	0.04	0.16	<2	<0.05	<1	<5	<5	<5
		1995743	36.05	38.05	2.00		1995743	Drill Core	7.49	<2	<1	3	6	47	<0.3	2	6	640	2.15	9	13	50	<0.5	<3	<3	25	1.09	0.056	26	3	0.6	185	0.011	<20	1.06	0.04	0.19	<2	<0.05	<1	<5	<5	<5
		1995744	38.05	40.05	2.00		1995744	Drill Core	7.55	<2	<1	3	10	48	<0.3	2	5	658	2.16	12	11	72	<0.5	<3	<3	22	1.55	0.055	25	3	0.54	203	0.009	<20	1.1	0.04	0.24	<2	<0.05	<1	<5	<5	<5
		1995745	40.05	42.05	2.00		1995745	Drill Core	6.63	<2	<1	2	13	44	<0.3	2	5	610	1.93	4	12	112	<0.5	<3	<3	16	1.95	0.052	28	3	0.4	300	0.003	<20	0.72	0.03	0.24	<2	<0.05	<1	<5	<5	<5
		1995746	42.05	43.83	1.78		1995746	Drill Core	6.63	3	<1	3	14	43	<0.3	1	5	699	1.94	3	11	144	<0.5	<3	<3	12	2.48	0.056	26	2	0.4	491	0.002	<20	0.44	0.03	0.27	<2	<0.05	<1	<5	<5	<5
		1995747	43.83	45.83	2.00		1995747	Drill Core	6.15	13	14	8	14	40	0.8	1	6	633	1.86	2	11	146	<0.5	<3	<3	8	2.56	0.054	24	2	0.5	1351	<0.001	<20	0.36	0.01	0.27	<2	0.15	<1	<5	<5	<5
		1995748	45.83	47.83	2.00		1995748	Drill Core	7.45	2	<1	3	16	41	<0.3	2	5	677	1.95	3	11	167	<0.5	<3	<3	13	2.82	0.056	27	1	0.93	1404	<0.001	<20	0.38	0.01	0.26	<2	<0.05	<1	<5	<5	<5
		1995749	47.83	49.18	1.35		1995749	Drill Core	5.52	<2	7	9	12	49	<0.3	3	6	733	2.4	5	11	136	<0.5	<3	<3	19	2.53	0.061	28	3	0.87	384	<0.001	<20	0.55	0.03	0.26	<2	<0.05	<1	<5	<5	<5
		1995750	49.18	50.24	1.06		1995750	Drill Core	4.19	3	<1	27	4	90	<0.3	52	27	959	5.12	91	<2	199	<0.5	<3	<3	63	2.81	0.23	29	64	1.83	239	0.136	<20	2.08	0.27	0.21	<2	0.08	<1	<5	<5	6
		1995751	50.24	52.24	2.00		1995751	Drill Core	7.8	<2	<1	6	5	54	<0.3	2	7	667	2.72	7	11	52	<0.5	<3	<3	41	1.1	0.069	27	3	0.81	337	0.081	<20	1.32	0.08	0.42	<2	<0.05	<1	<5	5	<5
		1995752	52.24	54.24	2.00		1995752	Drill Core	7.92	<2	<1	4	4	51	<0.3	2	6	613	2.57	3	11	49	<0.5	<3	<3	43	0.89	0.063	25	4	0.68	440	0.136	<20	1.27	0.11	0.58	<2	<0.05	<1	<5	<5	<5
		1995753	31.39	33.39	2.00		1995753	Drill Core	7.35	<2	<1	2	9	50	<0.3	2	6	586	2.24	7	14	19	<0.5	<3	<3	23	0.25	0.058	31	3	0.54	244	0.005	<20	1.11	0.04	0.2	<2	<0.05	<1	<5	<5	<5
		1995754	54.24	56.24	2.00		1995754	Drill Core	7.59	<2	<1	8	5	52	<0.3	2	7	669	2.64	3	13	61	<0.5	<3	<3	43	1.01	0.064	30	4	0.73	380	0.118	<20	1.35	0.11	0.54	<2	<0.05	<1	<5	<5	<5
		1995755	56.24	58.24	2.00		1995755	Drill Core	7.44	3	<1	5	5	51	<0.3	2	6	617	2.54	4	12	67	<0.5	<3	<3	39	1.02	0.064	29	4	0.68	366	0.1	<20	1.26	0.09	0.54	<2	<0.05	<1	<5	<5	<5
		1995756	58.24	60.24	2.00		1995756	Drill Core	7.99	<2	<1	5	6	51	<0.3	2	6	635	2.52	9	12	65	<0.5	<3	<3	39	1.13	0.063	26	3	0.68	359	0.106	<20	1.23	0.09	0.57	<2	<0.05	<1	<5	<5	<5
		1995757	60.24	61.72	1.48		1995757	Drill Core	3.08	<2	<1	4	3	52	<0.3	2	6	656	2.57	<2	12	72	<0.5	<3	<3	40	0.99	0.064	27	3	0.72	370	0.11	<20	1.2	0.1	0.52	<2	<0.05	<1	<5	<5	<5
		1995758	60.24	61.72	1.48	Duplicate	1995758	Drill Core	2.93	<2	<1	4	5	53	<0.3	2	6	666	2.58	<2	12	72	<0.5	<3	<3	40	1.02	0.066	28	3	0.72	390	0.109	<20	1.17	0.09	0.51	<2	<0.05	<1	<5	<5	<5
		1995759			0.00	Standard	1995759	Rock Pulp	0.12	770	5	63	116	176	77	9	1	1242	1.02	6	5	295	1.6	4	<3	3	8.16	0.001	7	13	0.04	126	0.001	<20	0.36	<0.01	0.2	2	0.17	<1	<5	<5	<5
		1995760			0.00	Blank	1995760	Rock	1.02	6	<1	4	10	12	<0.3	3	<1	90	0.15	4	<2	293	0.5	<3	<3	16	19.6	0.008	2	3	11.35	21	0.003	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
		1995761	61.72	63.13	1.41		1995761	Drill Core	4.52	10	<1	5	19	49	<0.3	2	5	821	2.27	778	13	172	<0.5	<3	<3	17	2.71	0.064	27	2	0.65	411	0.006	<20	0.5	0.03	0.31	<2	0.08	<1	<5	<5	<5
		1995762	63.13	65.13	2.00		1995762	Drill Core	7.85	6	<1	8	<3	51	<0.3	2	6	715	2.64	43	12	66	<0.5	<3	<3	45	1.15	0.063	27	4	0.74	391	0.112	<20	1.36	0.11	0.61	<2	0.06	<1	<5	<5	5
		1995763	65.13	67.13	2.00		1995763	Drill Core	8.03	18	<1	13	5	56	<0.3	2	7	732	2.68	230	11	62	<0.5	<3	<3	45	1.3	0.065	26	4	0.74	389	0.115	<20	1.36	0.1	0.64	<2	0.07	<1	<5	<5	<5
		1995764	67.13	69.13	2.00		1995764	Drill Core	8.11	<2	<1	6	5	58	<0.3	2	7	792	3.01	6	12	63	<0.5	<3	<3	52	1.28	0.07	30	4	0.86	399	0.105	<20	1.42	0.1	0.52	<2	<0.05	<1	<5	<5	6
		1995765	69.13	71.13	2.00		1995765	Drill Core	8.02	6	<1	5	12	60	<0.3	2	6	661	2.66	10	10	52	<0.5	<3	<3	46	0.91	0.062	24	4	0.74	390	0.119	<20	1.42	0.12	0.64	<2	<0.05	<1	<5	<5	5
		1995766	71.13	73.13	2.00		1995766	Drill Core	7.76	<2	<1	6	5	52	<0.3	2	6	676	2.65	4	12	50	<0.5	<3	<3	45	0.94	0.064	26	4	0.75	374	0.134	<20	1.37	0.12	0.64	<2	<0.05	<1	<5	<5	<5
		1995767	73.13	73.9	0.77		1995767	Drill Core	3.02	<2	<1	3	4	52	<0.3	2	7	668	2.68	5	12	53	<0.5	<3	<3	46	0.91	0.065	29	4	0.74	408	0.138	<20	1.32	0.11	0.65	<2	<0.05	<1	<5	<5	<5
		1995768	73.9	74.45	0.55		1995768	Drill Core	1.88	<2	<1	8	<3	64	<0.3	3	8	850	3.21	3	14	47	<0.5	<3	<3	58	1.08	0.088	35	5	0.98	524	0.156	<20	1.45	0.07	0.72	<2	<0.05	<1	<5	<5	8
		1995769	74.45	76.45	2.00		1995769	Drill Core	8.16	<2	<1	4	4	52	<0.3	2	6	670	2.63	4	11	47	<0.5	<3	<3	45	0.96	0.065	25	4	0.74	390	0.143	<20	1.28	0.1	0.62	<2	<0.05	<1	<5	<5	<5
		1995770	76.45	78.45	2.00		1995770	Drill Core	7.26	9	<1	6	7	55	<0.3	2	7	690	2.68	321	12	51	<0.5	<3	<3	45	0.98	0.066	27	3	0.73	395	0.137	<20	1.26	0.1	0.62	<2	0.06	<1	<5	<5	<5
		1995771	78.45	80	1.55		1995771	Drill Core	6.55	69	<1	7	43	63	<0.3	2	7	773	2.67	2507	11	78	<0.5	<3	<3	37	1.46	0.066	26	4	0.71	316	0.075	<20	1.24	0.08	0.52	<2	0.18	<1	<5	<5	<5
		1995772	80	81.35	1.35		1995772	Drill Core	3.79	<2	<1	4	5	53	<0.3	2	7	682	2.55	6	12	64	<0.5	<3	<3	40	1.03	0.064	26	4	0.68	362	0.104	<20	1.18	0.1	0.61	<2	<0.05	<1	<5	<5	5
		1995773	81.35	82.16	0.81		1995773	Drill Core	2.96	3	<1	5	16	54	<0.3	2	6	890	2.62	208	12	200	<0.5	<3	<3	41	3.01	0.064	28	4	0.79	330	0.084	<20	1.09	0.06	0.57	<2	<0.05	<1	<5	<5	5
		1995774	82.16	84.1	1.94		1995774	Drill Core	6.14	8	<1	5	8	56	<0.3	2	7	738	2.76	397	12	63	<0.5	<3	<3	45	1.18	0.066	26	4	0.76	344	0.102	<20	1.35	0.1	0.61	<2	<0.05	<1	<5	<5	6
		1995775	84.1	86.1	2.00		1995775	Drill Core	8.17	<2	<1	6	4	55	<0.3	2	7	645	2.77	3	10	42	<0.5	<3	3	48	0.84	0.069	24	4	0.74	403	0.156	<20	1.36	0.12	0.68	<2	<0.05	<1	<5	<5	<5
		1995776	86.1	88.1	2.00		1995776	Drill Core	8.62	<2	<1	4	4	49	<0.3	2	5	600	2.62	2	10	35	<0.5	<3	<3	44	0.78	0.063	23	6	0.71	370	0.159	<20	1.25	0.11	0.64	<2	<0.05	<1	<5	<5	<5
		1995777	88.1	89.85	1.75		1995777	Drill Core	2.96	<2	<1	6	5	49	<0.3	2	5	600	2.65	4	8	36	<0.5	<3	<3	43	0.73	0.061	22	6	0.68	374	0.149	<20	1.22	0.1	0.63	<2	<0.05	<1	<5	<5	<5
		1995778	88.1	89.85	1.75	Duplicate	1995778	Drill Core	2.87	<2	<1	7	4	49	<0.3	2	5	601	2.63	<2	12	35	<0.5	<3	<3	44	0.72	0.064	27	6	0.72	389	0.152	<20	1.23	0.1	0.65	<2	<0.05	<1	<5	<5	<5
		1995779			0.00	Standard	1995779	Rock Pulp	0.12	708	5	69	120	180	79.5	9	1	1263	1.08	6	4	296	1.5	3	<3	4	8.62	0.003	7	14	0.04	128	0.001	<20	0.36	<0.01	0.19	<2	0.19	<1	<5	<5	<5
		1995780			0.00	Blank	1995780	Rock	0.83	6	<1	2	7	11	<0.3	3	<1	87	0.15	4	<2	295	<0.5	<3	<3	16	21.61	0.01	2	4	10.86	20	0.002	<20	0.11	0.04	0.06	<2	<0.05	<1	<5	<5	<5
		1995781	89.85	91.25	1.40		1995781	Drill Core	5.42	<2	<1	10	7	52	<0.3	2	6	684	2.62	<2	11	62	<0.5	<3	<3	33	1.58	0.064	27	6	0.71	176	0.041	<20	1.22	0.05	0.33	<2	<0.05	<1	<5	<5	<5
		1995782	91.25	92.74	1.49		1995782	Drill Core	5.8	<2	<1	4	5	46	<0.3	2	5	604	2.61	<2	13	41	<0.5	<3	<3	41	0.8	0.059	25	6	0.68	344	0.127	<20	1.22	0.11	0.57	<2	<0.05	<1	<5	<5	<5
		1995783	92.74	93.44	0.70		1995783	Drill Core	3.69	<2	<1	4	4	47	<0.3	2	5	602	2.49	<2	7	35	<0.5	<3	<3	41	0.83	0.06	18	6	0.69	334	0.129	<20	1.13	0.08	0.56	<2	<0.05	<1	<5	<5	<5
		1995784	93.44	97.44	4.00		1995784	Drill Core	7.86	<2	<1	4	6	49	<0.3	2	5	649	2.78	2	13	44	<0.5	<3	<3	45	0.89	0.064	27	7	0.73	393	0.159	<20	1.31	0.12	0.64	<2	<0.05	<1	<5	<5	<5
		1995785	95.44	97.44	2.00		1995785	Drill Core	8.27	5	<1	4	5	50	<0.3	2	5	623	2.7	<2	11	36	<0.5	<3	<3	47	0.73	0.067	27	6	0.74	451	0.186	<20	1.33	0.11	0.77	<2	<0.05	<1	<5	<5	<5
		1995786	97.44	98.6	1.16		1995786	Drill Core	4.38	<2	<1	3	4	50	<0.3	2	5	654	2.84	<2	10	40	<0.5	<3	<3	47	0.83	0.066	27	7	0.75	419	0.173	<20	1.36	0.13	0.72	<2	<0.05	<1	<5	<5	<5
		1995787	98.6	99.55	0.95		1995787	Drill Core	3.89	<2	<1	4	5	49	<0.3	2	5	677	2.71	4	10	46	<0.5	<3	<3	47	0.98	0.065	27	6	0.78	373	0.169	<20	1.33	0.1	0.73	<2	<0.05	<1	<5	<5	<5
		1995788	104.05	105	0.95		1995788	Drill Core	3.01	12	<1	5	18	61	<0.3	2	5	771	2.69	1230	11	69	<0.5	<3	<3	36	1.63	0.063	25	6	0.7	172	0.1	<20	1.14	0.06	0.3	<2	0.11	<1	<5	<5	<5
		1995789	109.15	111	1.85		1995789	Drill Core	7.2	18	<1	5	13	62	<0.3	2	5	672	2.66	722	11	47	<0.5	<3	<3	42	0.97	0.065	25	6	0.7	350	0.14	<20	1.28	0.1	0.64	<2	0.12	<1	<5	<5	<5

Drill Sampling Interval Sheet: DDH 2K17-04

2K Gold Project, Provenance Gold Corp

								Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
								Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
								Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
								MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments	Sample	Type																																			
2K17	PGC	1995790	3.00	5.00	2.00		1995790	Drill Core	4.14	<2	<1	5	12	43	<0.3	2	4	669	2.31	46	13	19	<0.5	<3	<3	26	0.26	0.053	25	5	0.35	396	0.038	<20	0.99	0.06	0.32	<2	<0.05	<1	<5	<5	<5
		1995791	5.00	7.00	2.00		1995791	Drill Core	6.64	<2	<1	5	12	42	<0.3	2	5	701	2.02	39	13	17	<0.5	<3	<3	23	0.24	0.051	24	4	0.34	374	0.024	<20	0.91	0.04	0.27	<2	<0.05	<1	<5	<5	<5
		1995792	7.00	9.00	2.00		1995792	Drill Core	8.57	5	<1	3	15	38	<0.3	2	4	544	1.99	39	15	16	<0.5	<3	<3	16	0.23	0.048	26	4	0.28	282	0.009	<20	0.84	0.03	0.26	<2	<0.05	<1	<5	<5	<5
		1995793	9.00	11.00	2.00		1995793	Drill Core	7.32	4	<1	3	14	41	<0.3	2	5	638	2.13	56	13	17	<0.5	<3	<3	19	0.25	0.049	24	4	0.34	316	0.019	<20	0.95	0.03	0.29	<2	<0.05	<1	<5	<5	<5
		1995794	11.00	13.00	2.00		1995794	Drill Core	5.1	21	<1	3	25	46	<0.3	2	4	598	1.94	108	13	14	<0.5	<3	<3	18	0.21	0.047	23	4	0.33	283	0.02	<20	0.85	0.04	0.26	<2	<0.05	<1	<5	<5	<5
		1995795	13.00	14.65	1.65		1995795	Drill Core	5.88	<2	<1	4	11	42	<0.3	2	4	547	2.05	9	12	15	<0.5	<3	<3	24	0.22	0.046	21	4	0.47	280	0.034	<20	0.94	0.04	0.29	<2	<0.05	<1	<5	<5	<5
		1995796	14.65	16.00	1.35		1995796	Drill Core	4.91	<2	<1	2	12	43	<0.3	2	5	600	2.2	8	13	15	<0.5	<3	<3	25	0.23	0.047	22	5	0.51	289	0.033	<20	1	0.04	0.31	<2	<0.05	<1	<5	<5	<5
		1995797	16.00	18.00	2.00		1995797	Drill Core	3.53	3	<1	5	15	44	<0.3	2	5	507	2.16	15	13	15	<0.5	<3	<3	22	0.21	0.048	24	4	0.48	232	0.02	<20	0.99	0.03	0.25	<2	<0.05	<1	<5	<5	<5
		1995798	16.00	18.00	2.00	Duplicate	1995798	Drill Core	3.38	3	<1	4	14	43	<0.3	2	5	551	2.24	17	12	17	<0.5	<3	<3	22	0.24	0.047	23	4	0.46	249	0.021	<20	0.98	0.04	0.26	<2	<0.05	<1	<5	<5	<5
		1995799			0.00	Standard	1995799	Rock Pulp	0.13	619	5	70	120	181	82.1	9	1	1296	1.08	6	3	308	1.5	3	<3	4	8.7	0.003	7	15	0.04	129	0.001	<20	0.39	<0.01	0.21	<2	0.19	<1	<5	<5	<5
		1995800			0.00	Blank	1995800	Rock	0.17	4	<1	1	3	13	<0.3	3	<1	92	0.16	3	<2	282	<0.5	<3	<3	15	20.14	0.015	2	2	10.86	16	0.001	<20	0.08	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
		1995801	18.00	20.12	2.12		1995801	Drill Core	3.53	<2	<1	13	16	55	<0.3	46	13	881	3.19	14	10	75	<0.5	<3	<3	36	0.91	0.081	26	54	1.26	204	0.035	<20	1.6	0.04	0.22	<2	<0.05	<1	<5	8	6
		1995802	20.12	21.88	1.76		1995802	Drill Core	4.5	<2	<1	2	13	40	<0.3	2	5	528	2.05	5	11	14	<0.5	<3	<3	24	0.2	0.046	21	3	0.52	228	0.032	<20	0.96	0.04	0.26	<2	<0.05	<1	<5	6	<5
		1995803	21.88	23.88	2.00		1995803	Drill Core	7.32	<2	<1	1	13	39	<0.3	2	4	586	2.1	6	13	37	<0.5	<3	<3	23	0.68	0.045	24	5	0.5	213	0.026	<20	0.95	0.05	0.26	<2	<0.05	<1	<5	5	<5
		1995804	23.88	25.88	2.00		1995804	Drill Core	7.1	<2	<1	3	13	39	<0.3	2	4	576	1.98	3	13	75	<0.5	<3	<3	22	1.47	0.044	24	6	0.49	176	0.02	<20	0.93	0.04	0.23	<2	<0.05	<1	<5	<5	<5
		1995805	25.88	27.00	1.12		1995805	Drill Core	3.52	<2	<1	4	13	38	<0.3	2	4	619	1.85	4	13	80	<0.5	<3	<3	20	1.59	0.043	24	5	0.48	145	0.013	<20	0.88	0.04	0.21	<2	<0.05	<1	<5	<5	<5
		1995806	27.00	28.85	1.85		1995806	Drill Core	5.92	<2	<1	3	15	39	<0.3	1	4	615	1.95	8	13	59	<0.5	<3	<3	21	1.17	0.045	27	5	0.5	154	0.017	<20	0.91	0.04	0.22	<2	<0.05	<1	<5	<5	<5
		1995807	28.85	30.00	1.15		1995807	Drill Core	4.03	<2	<1	2	8	40	<0.3	2	4	563	2.06	<2	13	30	<0.5	<3	<3	28	0.58	0.045	22	4	0.52	273	0.063	<20	0.94	0.06	0.33	<2	<0.05	<1	<5	<5	<5
		1995808	30.00	31.79	1.79		1995808	Drill Core	5.94	<2	<1	1	9	40	<0.3	2	4	533	2.11	3	13	17	<0.5	<3	<3	27	0.27	0.047	22	5	0.49	284	0.056	<20	0.94	0.06	0.33	<2	<0.05	<1	<5	<5	<5
		1995809	31.79	33.00	1.21		1995809	Drill Core	4.46	<2	<1	3	9	40	<0.3	2	4	535	2.02	4	13	14	<0.5	<3	<3	27	0.2	0.045	23	1	0.49	300	0.055	<20	0.94	0.04	0.36	<2	<0.05	<1	<5	<5	<5
		1995810	33.00	35.00	2.00		1995810	Drill Core	6.31	11	<1	2	54	49	<0.3	1	4	558	1.99	54	11	39	<0.5	<3	<3	15	0.73	0.043	22	2	0.37	168	0.01	<20	0.89	0.02	0.26	<2	<0.05	<1	<5	<5	<5
		1995811	35.00	36.00	1.00		1995811	Drill Core	3	<2	<1	2	13	36	<0.3	1	4	556	1.97	4	12	75	<0.5	<3	<3	17	1.33	0.042	21	2	0.45	159	0.015	<20	0.99	0.02	0.28	<2	<0.05	<1	<5	<5	<5
		1995812	36.00	37.40	1.40		1995812	Drill Core	3.81	2	<1	1	12	32	<0.3	1	4	586	1.89	12	12	52	<0.5	<3	<3	16	0.85	0.045	26	3	0.38	184	0.015	<20	0.91	0.02	0.3	<2	<0.05	<1	<5	<5	<5
		1995813	37.40	39.50	2.10		1995813	Drill Core	7.82	3	<1	2	16	30	<0.3	1	4	636	1.75	40	12	116	<0.5	<3	<3	10	2.11	0.043	20	1	0.33	134	0.004	<20	0.83	<0.01	0.24	<2	0.14	<1	<5	<5	<5
		1995814	39.50	41.60	2.10		1995814	Drill Core	7.25	<2	<1	2	12	40	<0.3	2	4	598	2.13	5	10	75	<0.5	<3	<3	23	1.26	0.044	21	3	0.49	284	0.042	<20	1.02	0.03	0.39	<2	<0.05	<1	<5	<5	<5
		1995815	41.60	43.11	1.51		1995815	Drill Core	5.26	4	<1	3	17	45	<0.3	1	4	572	2.05	13	12	90	<0.5	<3	<3	17	1.64	0.047	21	2	0.44	250	0.023	<20	0.98	0.03	0.33	<2	0.06	<1	<5	<5	<5
		1995816	43.11	44.22	1.11		1995816	Drill Core	4.23	19	<1	2	19	38	<0.3	1	4	663	1.9	16	11	133	<0.5	<3	<3	9	2.5	0.043	21	2	0.35	135	0.004	<20	0.85	0.01	0.24	<2	0.09	<1	<5	<5	<5
		1995817	44.22	46.22	2.00		1995817	Drill Core	3.96	6	<1	3	12	39	<0.3	2	4	682	1.97	157	10	105	<0.5	<3	<3	20	1.81	0.043	21	2	0.47	198	0.025	<20	0.91	0.03	0.27	<2	<0.05	<1	<5	<5	<5
		1995818	44.22	46.22	2.00	Duplicate	1995818	Drill Core	4.12	4	<1	1	12	37	<0.3	1	4	633	1.94	98	9	92	<0.5	<3	<3	20	1.62	0.042	19	3	0.45	203	0.027	<20	0.85	0.03	0.27	<2	<0.05	<1	<5	<5	<5
		1995819				Standard	1995819	Rock Pulp	0.12	740	5	70	120	177	77.4	9	1	1273	1.08	6	3	304	1.5	3	<3	4	8.42	0.003	7	14	0.04	129	0.001	<20	0.38	<0.01	0.21	<2	0.18	<1	<5	<5	<5
		1995820				Blank	1995820	Rock	0.73	6	<1	2	7	11	<0.3	3	<1	85	0.15	4	<2	294	<0.5	<3	<3	16	20.05	0.01	2	4	10.53	22	0.002	<20	0.09	0.01	0.03	<2	<0.05	<1	<5	<5	<5
		1995821	46.22	48.22	2.00		1995821	Drill Core	5.6	<2	<1	1	12	39	<0.3	2	4	609	2.05	<2	12	85	<0.5	<3	<3	22	1.46	0.044	26	3	0.48	213	0.026	<20	0.92	0.04	0.27	<2	<0.05	<1	<5	<5	<5
		1995822	48.22	49.30	1.08		1995822	Drill Core	4.16	<2	<1	2	9	42	<0.3	2	4	547	2.05	<2	10	54	<0.5	<3	<3	24	1.04	0.047	20	3	0.52	244	0.037	<20	0.95	0.04	0.3	<2	<0.05	<1	<5	<5	<5
		1995823	49.30	51.00	1.70		1995823	Drill Core	3.27	<2	<1	1	13	41	<0.3	2	5	688	2.08	<2	14	104	<0.5	<3	<3	20	1.84	0.048	26	3	0.48	175	0.016	<20	0.95	0.03	0.25	<2	<0.05	<1	<5	<5	<5
		1995824	51.00	53.00	2.00		1995824	Rock	7.26	3	<1	1	8	45	<0.3	2	5	614	2.03	5	10	43	<0.5	<3	<3	29	0.94	0.047	19	5	0.57	289	0.066	<20	0.99	0.07	0.33	<2	<0.05	<1	<5	<5	<5
		1995825	53.00	55.00	2.00		1995825	Rock	8.66	<2	1	2	9	40	<0.3	2	4	558	1.83	<2	13	44	<0.5	<3	<3	25	0.88	0.042	21	5	0.5	254	0.051	<20	0.91	0.06	0.3	<2	<0.05	<1	<5	<5	<5
		1995826	55.00	57.00	2.00		1995826	Rock	7.86	5	<1	5	11	39	<0.3	2	5	627	1.9	89	12	86	<0.5	<3	<3	19	1.6	0.046	22	5	0.49	177	0.013	<20	0.94	0.04	0.24	<2	0.06	<1	<5	<5	<5
		1995827	57.00	59.00	2.00		1995827	Rock	7.45	<2	<1	1	9	42	<0.3	2	4	654	1.95	<2	12	74	<0.5	<3	<3	27	1.3	0.045	23	5	0.52	265	0.058	<20	0.97	0.06	0.33	<2	<0.05	<1	<5	<5	<5
		1995828	59.00	61.00	2.00		1995828	Rock	7.77	<2	<1	1	8	45	<0.3	2	5	618	2.07	<2	12	46	<0.5	<3	<3	31	0.89	0.048	22	5	0.58	305	0.072	<20	1.03	0.08	0.35	<2	<0.05	<1	<5	<5	<5
		1995829	61.00	63.00	2.00		1995829	Rock	7	<2	<1	2	8	43	<0.3	2	5	587	1.97	<2	11	49	<0.5	<3	<3	27	1	0.046	21	5	0.54	244	0.042	<20	0.96	0.07	0.28	<2	<0.05	<1	<5	<5	<5
		1995830	63.00	65.00	2.00		1995830	Rock	7.23	<2	<1	2	9	46	<0.3	2	5	659	2.13	<2	12	60	<0.5	<3	<3	28	1.19	0.051	22	4	0.6	293	0.04	<20	1.03	0.06	0.29	<2	<0.05	<1	<5	<5	<5
		1995831	65.00	67.00	2.00		1995831	Rock	7.83	<2	<1	3	9	43	<0.3	2	5	599	1.95	<2	13	47	<0.5	<3	<3	27	0.95	0.047	23	3	0.55	254	0.048	<20	0.97	0.06	0.31	<2	<0.05	<1	<5	<5	<5
		1995832	67.00	68.28	1.28		1995832	Rock	4.71	<2	<1	1	10	39	<0.3	2	5	593	1.99	<2	12	59	<0.5	<3	<3	24	1.09	0.046	22	5	0.57	243	0.031	<20	0.97	0.05	0.29	<2	<0.05	<1	<5	<5	<5
		1995833	68.28	69.28	1.00		1995833	Rock	4.14	<2	<1	<1	12	34	<0.3	2	4	576	1.78	<2	12	79	<0.5	<3	<3	18	1.75	0.047	22	3	0.46	199	0.026	<20	0.94	0.04	0.32	<2	<0.05	<1	<5	<5	<5
		1995834	69.28	70.93	1.65		1995834	Rock	6.11	<2	<1	1	10	38	<0.3	2	4	622	1.97	<2	12	73	<0.5	<3	<3	25	1.25	0.046	23	3	0.55	251	0.039	<20	1	0.05	0.31	<2	<0.05	<1	<5	<5	<5
		1995835	70.93	72.92	1.99		1995835	Rock	7.59	13	<1	1	8	40	<0.3	2	5	577	2.04	<2	11	59	<0.5	<3	<3	28	0.99	0.048	20	3	0.53	298	0.069	<20	1.02	0.07	0.42	<2	<0.05	<1	<5	<5	<5
		1995836	72.92	73.81	0.89		1995836	Rock	2.85	<2	<1	1	8	41	<0.3	2	5	599	2.06	<2	12	61	<0.5	<3	<3	28	0.99	0.048	20	4	0.54	311	0.072	<20	1.06	0.07	0.42	<2	<0.05	<1	<5	<5	<5
		1995837	73.81	75.17	1.36		1995837	Rock	2.66	<2	<1	1	8	43	<0.3	2	4	595	2.04	<2	13	62	<0.5	<3	<3	28	0.92	0.047	22	4	0.56	342	0.067	<20	1.04	0.07	0.42	<2	<0.05	<1	<5	<5	<5
		1995838	73.81	75.17	1.36	Duplicate	1995838	Rock	2.67	<2	<1	1	8	44	<0.3	2	5	600	2.06	<2	13	58	<0.5	<3	<3	30	0.86	0.048	23	5	0.56	377	0.072	<20	1.07	0.07	0.43	<2	<0.05	<1	<5	<5	<5
		1995839				Standard	1995839	Rock Pulp	0.12	810	5	69	123	182	76	10	1	1337	1.09	7	3	306	1.5	4	<3	4	8.8	0.003	8	15	0.05	131	0.001	<20	0.4	<0.01	0.22	<2	0.18	<1	<5	<5	<5
		1995840				Blank	1995840	Rock	0.29	8	<1	3	7	11	<0.3	3	<1	90	0.15	4	<2	294	<0.5	<3	<3	16	20.96	0.011	2	4	10.5	21	0.002	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
		1995841	75.17	76.43	1.26		1995841	Rock	4.33	46	<1	3	57	47	<0.3	1	4	789	1.75	403	13	161	<0.5	<3	<3	13	2.34	0.045	24	3	0.4	153	0.005	<20	0.9	0.02	0.25	<2	0.14	<1	<5	<5	<5
		1995842	76.43	78.00	1.57		1995842	Rock	5.56	3	<1	1	13	40	<0.3	1	4	653	1.8	7	13	105	<0.5	<3	<3	20	1.65	0.046	25	2	0.49	198	0.02	<20	0.92	0.03	0.27	<2	<0.05	<1	<5	<5	<5
		1995843	78.00	80.06	2.06		1995843	Rock	6.74	<2	<1	1	11	44	<0.3	2	5	653	1.99	<2	13	95	<0.5	<3	<3	25	1.37	0.047	25	4	0.58	249	0.029	<20	1.03	0.04	0.3	<2	<0.05	<1	<5	<5	<5
		1995844	80.06	82.06	2.00		1995844	Rock	7.82	2	<1	2	9	46	<0.3	2	5	669	2.11	<2	13	78	<0.5	<3	<3	28	1.28	0.05	23	5	0.57	311	0.052	<20	1.09	0.07	0.38	<2	<0.05	<1	<5	<5	<5
		1995845	82.06	83.40	1.34		1995845	Rock	5.53	<2	<1	1	9	47	<0.3	2	5	655	2.12	<2	13	83	<0.5	<3	<3	27	1.2	0.051	24	2	0.59	286	0.044	<20	1.07	0.05	0.34	<2	<0.05	<1	<5	<5	<5
		1995846	83.40	85.25	1.85		1995846	Rock	5.8	<2	<1	1	10	42	<0.3	2	5	580	1.96	<2	14	91	<0.5	<3	<3	23	1.18	0.049	25	4	0.52	219	0.026	<20	1.01	0.04	0.29	<2	<0.05	<1	<5	<5	<5
		1995847	85.25	86.75	1.50		1995847	Rock	5	<2	<1	1	16	24	<0.3	1	3	732	1.44	<2	14	159	<0.5	<3	<3	7	2.76	0.046	26	1	0.37	126	<0.001	<20	0.41	0.02	0.27	<2	<0.05	<1	<5	<5	<5
		1995848	86.75	87.86	1.11		1995848	Rock	4.52	<2	<1	2	20	31	<0.3	<1	4	805	1.6	<2	12	193	<0.5	<3	<3	9	3.09	0.042	24	<1	0.69	225	0.001	<20	0.37	0.02	0.24	<2	<0.05	<1	<5	<5	<5
		1995849	87.86	88.86	1.00		1995849	Rock	2.87	<2	<1	2	14	37	<0.3	1	4	1012	1.71	<2	12	204	<0.5	<3	<3	13	3.85	0.043	23	2	0.48	181	0.007	<20	0.56	0.02	0.22	<2	<0.05	<1	<5	<5	<5
		1995850	88.86	90.86	2.00		1995850	Rock	6.93	<2	<1	1	13	38	<0.3	1	4	796	1.75	<2	13	159	<0.5	<3	<3	15	2.45	0.044	26	3	0.45	211	0.008	<20	0.68	0.02	0.21	<2	<0.05	<1	<5	<5	<5
		1995851	90.86	93.00	2.14		1995851	Rock	7.79	<2	<1	1	9	38	<0.3	2	4	616	1.79	<2	12	110	<0.5	<3	<3	18	1.63	0.046	23	3	0.44	211	0.019	<20	0.73	0.03	0.23	<2	<0.05	<1	<5	<5	<5
		1995852	93.00	95.00	2.00		1995852	Rock	7.29	<2	<1	<1	12	40	<0.3	2	4	624	1.89	<2	12	116	<0.5	<3	<3	15	1.87	0.05	24	3	0.4	184	0.01	<20	0.6	0.02	0.24	<2	<0.05	<1	<5	<5	<5
		1995853	95.00	96.72	1.72		1995853	Rock	5.72	<2	<1	3	13	38	<0.3	2	4	542	1.63	<2	12	108	<0.5	<3	<3	13	1.39	0.046	23	4	0.44	214	0.005	<20	0.38	0.03	0.21	<2	<0.05	<1	<5	<5	<5
		1995854	96.72	98.10	1.38		1995854	Rock	4.52	<2	<1	2	9	39	<0.3	1	5	674	1.9	<2	12	112	<0.5	<3	<3	19	1.8	0.05	24	4	0.4	251	0.017	<20	0.55	0.04	0.31	<2	<0.05	<1	<5	<5	<5
		1995855	98.10	100.10	2.00		1995855	Rock	7.27	<2	<1	1	23	35	<0.3	1	4	842	1.71	<2	10	212	<0.5	<3	<3	14	3.62	0.044	21	3	0.65	211	0.005	<20	0.39	0.03	0.24	<2	<0.05	<1	<5	<5	<5
		1995856	100.10	102.10	2.00		1995856	Rock	7.52	<2	<1	1	6	44	<0.3	2	5	605	2.07	<2	14	60	<0.5	<3	<3	32	0.87	0.049	25	4	0.54	392	0.071	<20	0.94	0.09	0.42	<2	<0.05	<1	<5	<5	<5
		1995857	102.10	104.10	2.00		1995857	Rock	4.06	<2	<1	2	7	43	<0.3	2	5	609	2.03	<2	13	66	<0.5	<3	<3	29	0.96	0.048	25	4	0.54	328	0.049	<20	0.91	0.07	0.34	<2	<0.05	<1	<5	<5	<5
		1995858	102.10	104.10	2.00	Duplicate	1995858	Rock	3.68	<2	<1	1	5	45	<0.3	2	5	650	2.08	<2	14	76	<0.5	<3	<3	29	1.14	0.05	25	4	0.56	326	0.043	<20	0.9	0.06	0.32	<2	<0.05	<1	<5	<5	<5
		1995859				Standard	1995859	Rock Pulp	0.16	760	5	66	119	178	76.9	10	1	1252	1.02	6	5	297	1.7	5	<3	4	8.04	0.002	7	14	0.04	123	0.001	<20	0.37	<0.01	0.2	<2	0.19	<1	<5	<5	<5
		1995860				Blank	1995860	Rock	0.29	4	<1	1	<3	14	<0.3	3	<1	100	0.17	3	<2	289	<0.5	<3	<3	16	18.77	0.012	2	3	11.65	20	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
		1995861	104.10	106.10	2.00		1995861	Rock	7.17	<2	<1	2	5	43	<0.3	2	5	632	1.97	<2	13	86	<0.5	<3	<3	25	1.25	0.049	26	4	0.51	310	0.036	<20	0.73	0.05	0.32	<2	<0.05	<1	<5	<5	<5
		1995862	106.10	108.00	1.90		1995862	Rock	6.6	<2	<1	2	9	47	<0.3	2	5	672	2.13	<2	13	84	<0.5	<3	<3	28	1.22	0.052	24	4	0.54	347	0.045	<20	0.86	0.06	0.35	<2	<0.05	<1	<5	<5	<5
		1995863	108.00	110.17	2.17		1995863	Rock	7.89	<2	<1	2	21	33	<0.3	1	4	796	1.65	<2	12	179	<0.5	<3	<3	11	3.15	0.05	26	2	0.5	123	0.001	<20	0.36	0.03	0.25	<2	<0.05	<1	<5	<5	<5
		1995864	110.17	110.78	0.61		1995864	Rock	1.81	5	<1	2	22	13	<0.3	1	2	597	0.78	4	16	153	<0.5	<3	<3	3	2.74	0.005	6	2	0.46	59	<0.001	<20	0.17	0.03	0.13	<2	<0.05	<1	<5	<5	<5
		1995865	110.78	111.34	0.56		1995865	Rock	2.3	<2	<1	1	11	31	<0.3	1	3	578	1.5	2	13	130	<0.5	<3	<3	8	2.07	0.05	24	3	0.34	129	0.001	<20	0.34	0.02	0.25	<2	<0.05	<1	<5	<5	<5
		1995866	111.34	112.40	1.06		1995866	Rock	3.47	<2	5	2	15	8	<0.3	<1	<1	308	0.5	<2	16	79	<0.5	<3	<3	2	1.34	<0.001	3	2	0.12	39	<0.001	<20	0.15	0.04	0.11	<2	<0.05	<1	<5	<5	<5
		1995867	112.40	114.40	2.00		1995867	Rock	7.52	<2	<1	2	10	44	<0.3	2	5	590	2.02	<2	12	68	<0.5	<3	<3	27	0.99	0.05	24	4	0.52	320	0.044	<20	0.8	0.06	0.35	<2	<0.05	<1	<5	<5	<5
		1995868	114.40	116.40	2.00		1995868	Rock	7.56	5	<1	1	11	43	<0.3	2	5	629	1.92	<2	14	88	<0.5	<3	<3	22	1.33	0.047	25	3	0.47	258	0.024	<20	0.67	0.05	0.28	<2	<0.05	<1	<5	<5	<5

		1995869	116.40	118.00	1.60		1995869	Rock	5.4	<2	<1	<1	8	39	<0.3	2	4	640	1.76	<2	13	116	<0.5	<3	<3	21	1.5	0.043	25	3	0.49	255	0.028	<20	0.58	0.05	0.29	<2	<0.05	<1	<5	<5	<5
		1995870	118.00	119.80	1.80		1995870	Rock	6.29	<2	<1	<1	14	35	<0.3	1	4	686	1.64	4	12	153	<0.5	<3	<3	13	2.47	0.043	23	3	0.42	151	0.004	<20	0.33	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995871	119.80	120.45	0.65		1995871	Rock	2.72	4	<1	2	17	39	<0.3	2	5	805	1.73	10	12	178	<0.5	<3	<3	16	2.66	0.046	25	3	0.41	164	0.003	<20	0.33	0.03	0.21	<2	<0.05	<1	<5	<5	<5
		1995872	120.45	122.45	2.00		1995872	Rock	7.1	<2	<1	2	12	41	<0.3	1	4	695	1.82	<2	12	149	<0.5	<3	<3	19	1.9	0.046	25	3	0.6	242	0.015	<20	0.43	0.03	0.25	<2	<0.05	<1	<5	<5	<5
		1995873	122.45	124.45	2.00		1995873	Rock	7.33	<2	<1	2	11	44	<0.3	2	5	677	1.91	<2	14	105	<0.5	<3	<3	22	1.51	0.049	29	3	0.48	256	0.024	<20	0.56	0.04	0.27	<2	<0.05	<1	<5	<5	<5
		1995874	124.45	125.16	0.71		1995874	Rock	2.99	<2	<1	1	11	43	<0.3	2	5	589	1.98	<2	14	100	<0.5	<3	4	19	1.36	0.05	28	3	0.46	221	0.013	<20	0.46	0.04	0.25	<2	<0.05	<1	<5	<5	<5
		1995875	125.16	126.30	1.14		1995875	Rock	3.27	<2	<1	4	13	41	<0.3	1	4	696	1.83	<2	12	144	<0.5	<3	<3	15	2.1	0.049	24	2	0.44	159	0.004	<20	0.31	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995876	126.30	128.25	1.95		1995876	Rock	7.31	<2	<1	2	14	42	<0.3	2	4	677	1.93	<2	12	115	<0.5	<3	<3	19	1.78	0.047	28	3	0.48	219	0.014	<20	0.45	0.04	0.22	<2	<0.05	<1	<5	<5	<5
		1995877	128.25	130.25	2.00		1995877	Rock	3.59	<2	<1	3	11	40	<0.3	1	4	740	1.88	<2	12	167	<0.5	<3	<3	16	2.16	0.046	25	3	0.58	166	0.002	<20	0.3	0.03	0.18	<2	<0.05	<1	<5	<5	<5
		1995878	128.25	130.25	2.00	Duplicate	1995878	Rock	3.72	<2	<1	3	13	40	<0.3	2	4	672	1.88	<2	12	150	<0.5	<3	<3	17	1.88	0.048	26	3	0.55	178	0.002	<20	0.34	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995879				Standard	1995879	Rock Pulp	0.13	702	6	67	122	184	81.3	10	1	1262	1.04	5	4	298	1.6	5	<3	4	8.15	0.001	7	14	0.04	125	0.001	<20	0.39	<0.01	0.21	<2	0.19	<1	<5	<5	<5
		1995880				Blank	1995880	Rock	0.41	4	<1	1	3	14	<0.3	4	<1	100	0.16	<2	<2	298	0.5	<3	<3	16	19.53	0.011	2	3	12.12	16	0.001	<20	0.09	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
		1995881	130.25	130.86	0.61		1995881	Rock	2.59	2	<1	11	16	37	<0.3	1	5	759	1.9	<2	12	156	<0.5	<3	<3	15	2.44	0.049	24	2	0.52	204	0.002	<20	0.33	0.03	0.22	<2	0.07	<1	<5	<5	<5
		1995882	130.86	132.23	1.37		1995882	Rock	4.47	<2	<1	2	12	43	<0.3	1	5	615	1.79	<2	13	100	<0.5	<3	<3	17	1.54	0.048	25	3	0.38	213	0.007	<20	0.36	0.03	0.21	<2	<0.05	<1	<5	<5	<5
		1995883	132.23	133.28	1.05		1995883	Rock	4.51	2	<1	5	13	44	<0.3	1	5	581	1.83	<2	13	93	<0.5	<3	<3	18	1.41	0.048	26	3	0.39	232	0.009	<20	0.39	0.04	0.21	<2	<0.05	<1	<5	<5	<5
		1995884	133.28	134.83	1.55		1995884	Rock	5.41	<2	3	7	18	32	<0.3	1	4	746	1.48	<2	13	153	<0.5	<3	<3	13	2.47	0.033	19	3	0.44	185	0.002	<20	0.27	0.03	0.17	<2	<0.05	<1	<5	<5	<5
		1995885	134.83	136.17	1.34		1995885	Rock	5.33	<2	<1	2	10	43	<0.3	2	4	575	1.83	<2	14	87	<0.5	<3	<3	19	1.27	0.046	27	3	0.39	213	0.01	<20	0.39	0.04	0.2	<2	<0.05	<1	<5	<5	<5
		1995886	136.17	138.17	2.00		1995886	Rock	7.51	<2	<1	<1	11	38	<0.3	1	4	649	1.71	<2	11	136	<0.5	<3	<3	15	2.14	0.045	23	3	0.46	138	0.002	<20	0.29	0.03	0.18	<2	<0.05	<1	<5	<5	<5
		1995887	138.17	140.17	2.00		1995887	Rock	7.72	<2	<1	1	16	37	<0.3	1	4	657	1.63	<2	10	152	<0.5	<3	<3	15	2.54	0.046	22	2	0.44	119	0.001	<20	0.28	0.03	0.18	<2	<0.05	<1	<5	<5	<5
		1995888	140.17	142.17	2.00		1995888	Rock	7.33	<2	1	9	20	40	<0.3	2	4	686	1.83	<2	10	145	<0.5	<3	<3	16	2.22	0.049	23	3	0.48	139	0.002	<20	0.32	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995889	142.17	144.17	2.00		1995889	Rock	7.46	<2	<1	2	12	36	<0.3	2	4	693	1.69	<2	12	138	<0.5	<3	<3	14	2.41	0.044	26	2	0.39	108	0.001	<20	0.29	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995890	144.17	145.96	1.79		1995890	Rock	6.55	<2	<1	2	14	37	<0.3	2	4	629	1.77	<2	12	129	<0.5	<3	3	14	2.17	0.047	21	2	0.39	113	0.001	<20	0.3	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995891	145.96	146.47	0.51		1995891	Rock	1.71	<2	<1	1	15	36	<0.3	1	4	580	1.69	<2	12	129	<0.5	<3	<3	14	2.14	0.047	23	2	0.37	95	<0.001	<20	0.24	0.03	0.18	<2	<0.05	<1	<5	<5	<5
		1995892	146.47	147.55	1.08		1995892	Rock	3.47	<2	<1	4	14	33	<0.3	1	4	580	1.53	<2	12	150	<0.5	<3	<3	13	2.44	0.042	21	2	0.36	110	0.001	<20	0.26	0.02	0.18	<2	<0.05	<1	<5	<5	<5
		1995893	147.55	148.73	1.18		1995893	Rock	4.4	<2	<1	3	18	34	<0.3	1	4	604	1.69	<2	13	147	<0.5	<3	<3	15	2.35	0.045	25	3	0.43	118	0.001	<20	0.32	0.03	0.2	<2	<0.05	<1	<5	<5	<5
		1995894	148.73	150.73	2.00		1995894	Rock	6.86	<2	<1	4	23	36	<0.3	1	4	865	1.75	<2	11	203	<0.5	<3	<3	14	3.17	0.042	23	2	0.65	109	<0.001	<20	0.32	0.02	0.19	<2	<0.05	<1	<5	<5	<5
		1995895	150.73	152.73	2.00		1995895	Rock	7.09	20	<1	7	26	35	<0.3	1	4	875	1.68	6	10	222	<0.5	<3	<3	13	3.73	0.044	21	2	0.62	116	<0.001	<20	0.29	0.02	0.21	<2	0.08	<1	<5	<5	<5
		1995896	152.73	154.77	2.04		1995896	Rock	5.81	3	<1	3	21	39	<0.3	1	4	744	1.8	<2	11	165	<0.5	<3	<3	14	2.65	0.045	23	2	0.55	187	<0.001	<20	0.3	0.03	0.19	<2	<0.05	<1	<5	<5	<5
		1995897	154.77	156.08	1.31		1995897	Rock	2.69	21	<1	6	20	32	<0.3	1	5	678	1.69	42	10	142	<0.5	<3	<3	9	2.23	0.045	18	2	0.42	324	<0.001	<20	0.3	0.03	0.23	<2	0.14	<1	<5	<5	<5
		1995898	154.77	156.08	1.31	Duplicate	1995898	Rock	2.56	66	<1	7	20	35	<0.3	1	5	715	1.79	50	10	153	<0.5	<3	<3	10	2.41	0.047	18	2	0.43	344	0.001	<20	0.31	0.03	0.23	<2	0.14	<1	<5	<5	<5
		1995899				Standard	1995899	Rock Pulp	0.13	724	5	67	124	178	76	10	1	1246	1.02	6	4	295	1.5	<3	6	4	8.11	0.002	7	14	0.04	129	0.001	<20	0.37	<0.01	0.21	<2	0.19	<1	<5	<5	<5
		1995900				Blank	1995900	Rock	0.33	9	<1	1	5	13	<0.3	3	<1	97	0.16	2	<2	284	<0.5	<3	<3	15	18.64	0.012	2	3	11.53	18	0.001	<20	0.1	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
		1995901	156.08	158.08	2.00		1995901	Rock	8.09	<2	<1	3	6	43	<0.3	2	5	558	2.1	<2	11	29	<0.5	<3	<3	36	0.48	0.05	21	4	0.53	431	0.151	<20	1.07	0.11	0.59	<2	<0.05	<1	<5	<5	<5
		1995902	170.47	171.41	0.94		1995902	Rock	3.85	3	<1	4	7	29	<0.3	<1	3	426	1.48	<2	12	23	<0.5	<3	<3	22	0.45	0.03	12	4	0.34	234	0.071	<20	0.7	0.08	0.33	<2	<0.05	<1	<5	<5	<5
		1995903	174.42	175.34	0.92		1995903	Rock	3.29	4	<1	<1	12	48	<0.3	2	5	770	2.35	2	10	62	<0.5	<3	<3	30	1.62	0.054	21	4	0.62	248	0.055	<20	1.1	0.05	0.38	<2	<0.05	<1	<5	<5	<5
		1995904	180.88	181.74	0.86		1995904	Rock	3.35	<2	<1	1	8	47	<0.3	1	5	664	2.22	5	13	47	<0.5	<3	<3	31	1.19	0.053	26	4	0.56	311	0.078	<20	1.06	0.07	0.42	<2	<0.05	<1	<5	<5	<5
		1995905	192.24	193.75	1.51		1995905	Rock	5.74	<2	<1	1	6	45	<0.3	2	5	643	2.08	<2	12	46	<0.5	<3	<3	30	1.09	0.048	22	4	0.54	242	0.058	<20	0.97	0.07	0.31	<2	<0.05	<1	<5	<5	<5
		1995906	195.53	196.22	0.69		1995906	Rock	2.33	230	<1	4	11	43	<0.3	2	5	666	2.19	13	12	43	<0.5	<3	<3	30	1	0.049	21	4	0.56	291	0.07	<20	1	0.08	0.34	<2	0.12	<1	<5	<5	<5
		1995907	197.00	198.00	1.00		1995907	Rock	4.37	112	<1	2	10	49	<0.3	2	5	598	2.09	692	13	38	<0.5	<3	<3	31	0.83	0.047	22	4	0.51	327	0.1	<20	1.01	0.09	0.45	<2	0.07	<1	<5	<5	<5

Drill Sampling Interval Sheet: DDH 2K17-05

2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17	PGC	1995908	1.5	3.5	2.00	
		1995909	3.5	5.5	2.00	
		1995910	5.5	7.35	1.85	
		1995911	7.35	9.5	2.15	
		1995912	9.5	11.5	2.00	
		1995913	11.5	12.78	1.28	
		1995914	12.78	14	1.22	
		1995915	14	16	2.00	
		1995916	16	16.9	0.90	
		1995917	16.9	18.55	1.65	
		1995918	16.9	18.55	1.65	Duplicate
		1995919			0.00	Standard
		1995920			0.00	Blank
		1995921	18.55	20	1.45	
		1995922	20	21.36	1.36	
		1995923	21.36	23.1	1.74	
		1995924	23.1	24.79	1.69	
		1995925	24.79	26.79	2.00	
		1995926	26.79	29	2.21	
		1995927	29	29.47	0.47	
		1995928	29.47	31.47	2.00	
		1995929	31.47	33.47	2.00	
		1995930	33.47	35.47	2.00	
		1995931	35.47	37.72	2.25	
		1995932	37.72	38.64	0.92	
		1995933	38.64	40.64	2.00	
		1995934	40.64	41.36	0.72	
		1995935	41.36	41.72	0.36	
		1995936	41.72	43.72	2.00	
		1995937	43.72	44.9	1.18	
		1995938	43.72	44.9	1.18	Duplicate
		1995939			0.00	Standard
		1995940			0.00	Blank
		1995941	44.9	46.37	1.47	
		1995942	46.37	48.37	2.00	
		1995943	48.37	50.37	2.00	
		1995944	50.37	52.37	2.00	
		1995945	52.37	54.37	2.00	
		1995946	54.37	56.37	2.00	
		1995947	56.37	57.4	1.03	
		1995948	57.4	58.2	0.80	
		1995949	58.2	59.96	1.76	
		1995950	59.96	61.96	2.00	
		1995951	61.96	63.96	2.00	
		1995952	63.96	65.33	1.37	
		1995953	65.33	66.46	1.13	
		1995954	66.46	68.13	1.67	
		1995955	68.13	70.13	2.00	
		1995956	70.13	72.13	2.00	
		1995957	72.13	74.13	2.00	
		1995958	72.13	74.13	2.00	Duplicate
		1995959			0.00	Standard
		1995960			0.00	Blank
		1995961	74.13	76.13	2.00	
		1995962	76.3	78.13	1.83	
		1995963	78.13	80	1.87	
		1995964	80	81.16	1.16	
		1995965	81.16	83.16	2.00	
		1995966	83.16	85.19	2.03	
		1995967	85.19	86.16	0.97	
		1995968	86.16	87.72	1.56	
		1995969	91.25	92.62	1.37	
		1995970	103.11	105.11	2.00	
		1995971	105.11	107.11	2.00	
		1995972	107.11	107.9	0.79	
		1995973	109.87	110.9	1.03	
		1995974	113	114.23	1.23	
		1995975	115.59	117.27	1.68	
		1995976	119.25	121.25	2.00	
		1995977	121.25	123.25	2.00	
		1995978	121.25	123.25	2.00	Duplicate
		1995979			0.00	Standard
		1995980			0.00	Blank
		1995981	123.25	125.25	2.00	
		1995982	125.25	126.45	1.20	
		1995983	128.75	131.75	3.00	
		1995984	131.75	133.75	2.00	
		1995985	133.75	135.75	2.00	
		1995986	135.75	137.75	2.00	
		1995987	137.75	139.87	2.12	
		1995988	139.87	140.48	0.61	
		1995989	140.48	142.6	2.12	
		1995990	142.6	144.6	2.00	
		1995991	144.6	146.16	1.56	
		1995992	146.16	148	1.84	
		1995993	148	150	2.00	
		1995994	150	151.14	1.14	
		1995995	151.14	153.14	2.00	
		1995996	153.14	155	1.86	

Sample	Type	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA550
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
		Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM	GM/T
		MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
1995908	Rock	6.79	12	<1	4	14	44	<0.3	3	4	595	1.83	79	13	15	<0.5	<3	6	24	0.22	0.048	21	4	0.32	259	0.031	<20	0.93	0.04	0.28	<2	<0.05	<1	<5	<5	<5	
1995909	Rock	8.38	2	<1	2	9	44	<0.3	3	5	690	1.94	50	13	17	<0.5	<3	<3	28	0.25	0.048	22	4	0.38	306	0.053	<20	0.99	0.05	0.32	<2	<0.05	<1	<5	<5	<5	
1995910	Rock	6.46	6	<1	3	12	44	<0.3	2	4	687	1.91	65	13	15	<0.5	<3	<3	27	0.22	0.047	20	3	0.35	334	0.054	<20	0.98	0.05	0.37	<2	<0.05	<1	<5	<5	<5	
1995911	Rock	6.28	7	<1	3	20	39	<0.3	2	4	640	1.82	76	12	14	<0.5	<3	<3	24	0.24	0.045	20	4	0.32	298	0.06	<20	0.83	0.05	0.35	<2	<0.05	<1	<5	<5	<5	
1995912	Rock	6.51	5	<1	2	9	38	<0.3	2	4	605	1.83	35	12	20	<0.5	<3	<3	21	0.4	0.044	20	3	0.28	283	0.055	<20	0.73	0.05	0.37	<2	<0.05	<1	<5	<5	<5	
1995913	Rock	4.13	<2	<1	1	7	40	<0.3	1	4	552	1.85	16	12	15	<0.5	<3	<3	26	0.27	0.044	20	3	0.35	299	0.092	<20	0.85	0.07	0.41	<2	<0.05	<1	<5	<5	<5	
1995914	Rock	3.91	6	1	3	11	39	<0.3	2	4	855	1.93	136	13	9	<0.5	<3	<3	10	0.15	0.045	24	3	0.06	238	0.002	<20	0.42	<0.01	0.24	<2	<0.05	<1	<5	<5	<5	
1995915	Rock	4.93	2	<1	2	7	41	<0.3	1	4	523	1.8	30	13	16	<0.5	<3	4	27	0.35	0.043	20	3	0.37	244	0.101	<20	0.85	0.06	0.29	<2	<0.05	<1	<5	<5	<5	
1995916	Rock	3.06	<2	<1	1	8	41	<0.3	2	4	535	1.88	11	14	16	<0.5	<3	<3	29	0.45	0.045	22	4	0.4	210	0.117	<20	0.89	0.06	0.24	<2	<0.05	<1	<5	<5	<5	
1995917	Rock	1.73	32	<1	3	16	38	<0.3	2	4	732	1.72	218	13	12	<0.5	<3	4	15	0.18	0.047	22	3	0.19	276	0.019	<20	0.63	0.03	0.28	<2	<0.05	<1	<5	<5	<5	
1995918	Rock	1.81	34	<1	2	11	42	<0.3	1	4	616	1.83	160	13	13	<0.5	<3	<3	20	0.2	0.047	20	3	0.28	288	0.03	<20	0.77	0.04	0.31	<2	<0.05	<1	<5	<5	<5	
1995919	Rock Pulp	0.13	>10000	36	98	1458	201	4.6	43	15	511	3.46	>10000	2	40	0.8	<3	6	10	1.72	0.021	3	25	0.5	14	<0.001	<20	0.3	0.01	0.07	<2	0.87	<1	<5	<5	<5	15.1
1995920	Rock	0.18	5	<1	1	5	12	<0.3	3	<1	100	0.16	4	<2	286	0.5	<3	<3	16	20.2	0.011	2	3	11.34	15	0.002	<20	0.09	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	
1995921	Rock	5.23	<2	<1	2	6	37	<0.3	1	4	568	1.98	16	16	24	<0.5	<3	<3	24	0.5	0.045	23	3	0.33	273	0.077	<20	0.82	0.06	0.44	<2	<0.05	<1	<5	<5	<5	
1995922	Rock	3.08	18	<1	2	19	35	<0.3	1	3	577	1.76	69	15	15	<0.5	<3	<3	12	0.44	0.044	23	3	0.14	218	0.01	<20	0.48	0.02	0.26	<2	<0.05	<1	<5	<5	<5	
1995923	Rock	6.49	<2	<1	2	6	39	<0.3	1	4	547	1.96	10	14	18	<0.5	<3	<3	26	0.31	0.046	21	3	0.36	292	0.079	<20	0.88	0.07	0.39	<2	<0.05	<1	<5	<5	<5	
1995924	Rock	3.41	6	<1	2	16	37	<0.3	1	4	831	1.88	91	13	9	<0.5	<3	<3	10	0.16	0.049	25	2	0.09	242	0.005	<20	0.41	0.01	0.24	<2	<0.05	<1	<5	<5	<5	
1995925	Rock	6.45	<2	<1	2	7	40	<0.3	2	5	533	1.99	6	15	19	<0.5	<3	<3	31	0.39	0.046	24	4	0.43	284	0.116	<20	0.98	0.08	0.42	<2	<0.05	<1	<5	<5	<5	
1995926	Rock	6.03	<2	<1	1	7	40	<0.3	1	5	542	1.99	4	12	19	<0.5	<3	<3	32	0.37	0.045	19	4	0.47	328	0.132	<20	0.99	0.09	0.5	<2	<0.05	<1	<5	<5	<5	
1995927	Rock	1.43	<2	<1	3	6	40	<0.3	2	5	586	2.02	13	14	18	<0.5	<3	<3	29	0.32	0.047	23	4	0.45	312	0.101	<20	0.97	0.07	0.41	<2	<0.05	<1	<5	<5	<5	
1995928	Rock	7.04	10	<1	3	13	40	<0.3	1	5	601	2.05	88	12	18	<0.5	<3	<3	32	0.35	0.047	20	3	0.49	346	0.121	<20	0.98	0.08	0.48	<2	<0.05	<1	<5	<5	<5	
1995929	Rock	7.03	<2	<1	3	6	41	<0.3	2	5	609	2.09	8	14	23	<0.5	<3	<3	33	0.45	0.046	23	5	0.49	364	0.136	<20	1.07	0.1	0.53	<2	<0.05	<1	<5	<5	<5	
1995930	Rock	5.58	<2	<1	1	6	41	<0.3	1	5	578	2.02	5	16	19	<0.5	<3	<3	33	0.4	0.048	23	3	0.49	338	0.134	<20	0.99	0.08	0.51	<2	<0.05	<1	<5	<5	<5	
1995931	Rock	8.3	<2	<1	2	4	41	<0.3	1	5	568	2.02	7	13	21	<0.5	<3	<3	32	0.4	0.046	19	4	0.48	334	0.132	<20	1.01	0.1	0.52	<2	<0.05	<1	<5	<5	<5	
1995932	Rock	3.58	4	<1	2	7	41	<0.3	1	5	614	2	42	13	21	<0.5	<3	<3	29	0.57	0.047	23	4	0.44	294	0.106	<20	0.92	0.07	0.44	<2	<0.05	<1	<5	<5	<5	
1995933	Drill Core	6.91	<2	<1	<1	7	42	<0.3	1	4	617	2.24	3	13	27	<0.5	<3	<3	34	0.45	0.047	22	4	0.52	388	0.148	<20	1.13	0.12	0.62	<2	<0.05	<1	<5	<5	<5	
1995934	Drill Core	2.69	<2	<1	1	5	45	<0.3	2	5	619	2.22	<2	15	30	<0.5	<3	<3	35	0.55	0.047	24	4	0.51	380	0.146	<20	1.13	0.13	0.58	<2	<0.05	<1	<5	<5	<5	
1995935	Drill Core	2.61	3	<1	1	8	43	<0.3	1	4	626	2.15	7	14	25	<0.5	<3	<3	31	0.35	0.046	23	3	0.49	342	0.105	<20	1.09	0.12	0.49	<2	<0.05	<1	<5	<5	<5	
1995936	Drill Core	5.99	<2	<1	1	7	42	<0.3	1	4	612	2.2	3	12	30	<0.5	<3	<3	34	0.46	0.047	21	4	0.51	402	0.148	<20	1.15	0.14	0.6	<2	<0.05	1	<5	<5	<5	
1995937	Drill Core	2.3	<2	<1	1	6	39	<0.3	2	4	594	2.14	4	11	30	<0.5	<3	<3	34	0.46	0.047	21	3	0.5	369	0.124	<20	1.12	0.13	0.53	<2	<0.05	<1	<5	<5	<5	
1995938	Drill Core	2.35	<2	<1	1	6	39	<0.3	1	4	583	2.12	3	11	30	<0.5	<3	<3	33	0.46	0.046	21	4	0.51	357	0.126	<20	1.11	0.13	0.52	<2	<0.05	<1	<5	<5	<5	
1995939	Rock Pulp	0.12	>10000	39	106	1505	208	4.6	47	16	548	3.67	>10000	3	43	1.2	<3	19	11	1.83	0.022	4	26	0.53	15	<0.001	<20	0.33	0.01	0.08	<2	0.93	<1	<5	<5	<5	14.2
1995940	Silica	0.34	4	<1	1	8	13	<0.3	3	<1	99	0.16	22	<2	296	0.5	<3	<3	16	19.08	0.012	2	2	11.98	21	0.002	<20	0.1	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	
1995941	Drill Core	4.6	3	<1	4	12	40	<0.3	1	5	584	2.04	47	14	18	<0.5	<3	<3	24	0.23	0.047	21	3	0.44	277	0.035	<20	1.05	0.07	0.37	<2	<0.05	<1	<5	<5	<5	
1995942	Drill Core	7.33	20	<1	3	11	37	<0.3	1	4	640	2	330	14	54	<0.5	<3	<3	22	1.06	0.047	23	3	0.42	244	0.057	<20	0.91	0.06	0.44	<2	0.08	<1	<5	<5	<5	
1995943	Drill Core	6.72	15	<1	1	8	36	<0.3	1	4	666	2.09	87	13	52	<0.5	<3	<3	22	0.9	0.046	21	3	0.41	267	0.052	<20	0.92	0.07	0.46	<2	0.05	<1	<5	<5	<5	
1995944	Drill Core	7.17	11	<1	1	12	40	<0.3	1	4	667	2.16	30	12	65	<0.5	<3	<3	24	1.07	0.048	22	3	0.45	272	0.069	<20	0.92	0.07	0.45	<2	0.09	<1	<5	<5	<5	
1995945	Drill Core	6.96	<2	<1	2	6	42	<0.3	1	4	654	2.24	16	14	47	<0.5	<3	<3	30	0.76	0.047	23	3	0.46	353	0.097	<20	1.1	0.12	0.57	<2	<0.05	<1	<5	<5	<5	
1995946	Drill Core	6.65	<2	<1	2	10	43	<0.3	1	4	659	2.15	5	13	51	<0.5	<3	<3	28	0.84	0.047	21	3	0.49	323	0.068	<20	1.09	0.09	0.51	<2	<0.05	<1	<5	<5	<5	
1995947	Drill Core	3.56	<2	<1	1	16	40	<0.3	<1	4	584	2	5	13	55	<0.5	<3	<3	24	0.96	0.044	23	3	0.4	313	0.053	<20	1.1	0.1	0.48	<2	<0.05	<1	5	<5	<5	
1995948	Drill Core	2.42	<2	<1	5	7	49	<0.3	2	6	674	2.48	5	12	28	<0.5	<3	<3	37	0.47	0.056	20	4	0.64	435	0.099	<20	1.31	0.13	0.52	<2	<0.05	<1	<5	<5	<5	
1995949	Drill Core	5.8	<2	<1	<1	8	43	<0.3	2	5	631	2.23	<2	13	39	<0.5	<3	<3	35	0.61	0.048	23	3	0.55	425	0.142	<20	1.28	0.17	0.61	<2	<0.05	<1	<5	<5	<5	
1995950	Drill Core	7.08	<2	<1	1	7	43	<0.3	1	4	627	2.16	3	12	49	<0.5	<3	<3	30	0.88	0.047	22	4	0.51	357	0.105	<20	1.16	0.12	0.5	<2	<0.05	<1	<5	<5	<5	
1995951	Drill Core	6.45	<2	<1	<1	12	43	<0.3	1	4	594	2.12	<2	13	41	<0.5	<3	<3	30	0.85	0.047	24	3	0.5	309	0.104	<20	1.14	0.12	0.44	<2	<0.05	<1	5	<5	<5	
1995952	Drill Core	4.8	5	<1	<1	9	44	<0.3	1	5	604	2.17	<2	12	37	<0.5	<3	<3	34	0.6	0.048	22	3	0.51	404	0.139	<20	1.22	0.16	0.62	<2	<0.05	<1	<5	<5	<5	
1995953	Drill Core	3.63	<2	<1	<1	6	43	<0.3	2	4	608	2.14	<2	13	41	<0.5	<3	<3	31	0.73	0.046	21	3	0.5	346	0.118	<20	1.14	0.13	0.51	<2	<0.05	<1	<5	<5	<5	
1995954	Drill Core	5.62	<2	<1	1	6	45	<0.3	1	4	597	2.19	2	13	32	<0.5	<3	<3	33	0.64	0.048	21	3	0.53	341	0.129	<20	1.2	0.13	0.47	<2	<0.05	<1	<5	<5	<5	
1995955	Drill Core	6.56	19	<1	3	18	44	0.5	1	5	881	2.2	174	11	104	<0.5	<3	<3	12	2.15	0.048	20	2	0.42	161	0.009	<20	0.67	0.03	0.38	<2	0.18	<1	<5	<5	<5	
1995956	Drill Core	6.77	5	<1	3	8	41	<0.3	1	4	663	2.21	38	12	69	<0.5	<3	<3	24	1.33	0.046	20	3	0.5	277	0.069	<20	0.98	0.09	0.47	<2	<0.05	<1	<5	<5	<5	
1995957	Drill Core	3.31	<2	<1	3	10	39	<0.3	1	4	601	2.02	19	14	56	<0.5	<3	<3	24	1.21	0.044	24	2	0.45	270	0.077	<20	0.9	0.07	0.49	<2	0.06	<1	<5	<5	<5	
1995958	Drill Core	3.02	<2	<1	2	8	41	<0.3	1	4	693	2.18	27	13	58	<0.5	<3	<3	25	1.22	0.046	23	3	0.47	297	0.083	<20	0.95	0.09	0.51	<2	<0.05	<1	<5	<5	<5	
1995959	Rock Pulp	0.12	>10000	38	106	1526	211	4.6	46	16	541	3.66	>10000	3	43	1	3	14	11	1.84	0.023	4	25	0.52	15	<0.001	<20	0.33	0.01	0.08	<2	0.93	<1	<5	<5	<5	14.7
1995960	Silica	0.34	4	<1	1	8	13	<0.3	3	<1	97	0.16	21	<2	297	<0.5	4	<3	15	19.39	0.013	2	3	12.01	16	0.002	<20	0.1	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	
1995961	Drill Core	6.61	<2	<1	11	7	35	<0.3	1	4	589	2.13	16	13	50	<0.5	<3	<3	24	0.98	0.045	24	3	0.42	270	0.053	<20	1.02	0.09	0.44	<2	0.08	<1	<5	<5	<5	
1995962	Drill Core	6.58	2	<1	<1	8	42	<0.3	1	4	616	2.17	9	12	53	<0.5	<3	<3	28	0.93	0.045	22	3	0.5	316	0.1	<20	1.1	0.12	0.53	<2	<0.05	<1	<5	<5	<5	
1995963	Drill Core	6.16	<2	<1	1	9	39	<0.3	1	4	609	2.05	4	11	52	<0.5	<3	<3	27	0.97	0.044	19	3	0.46	293	0.091	<20	1.09	0.11	0.47	<2	<0.05	<1	<5	<5	<5	
1995964	Drill Core	4.08	<2	<1	<1	5	41	<0.3	1	4	585	2.17	<2	12	38	<0.5	<3	<3	32	0.64	0.045	21	3	0.51	363	0.133	<20	1.17	0.14	0.57	<2	<0.05	<1	<5	<5	<5	
1995965	Drill Core	7.03	<2	17	10	6	33	<0.3	1	4	495	1.92	<2	14	36	<0.5	<3	<3	27	0.57	0.038	21	3	0.43	336	0.111	<20	1.11	0.15	0.55	<2	0.06	<1	<5	<5	<5	
1995966	Drill Core	6.44	3	<1	3	3	40	<0.3	2	5	552	2.01	8	15	36	<0.5	<3	<3	30	0.64	0.044	22	2	0.47	341	0.117	<20	1.01	0.1	0.54	<2	<0.05	<1	<5	<5	<5	
1995967	Drill Core	3.01	<2	<1	1	4	41	<0.3	2	5	556	2.1	<2	12	29	<0.5	<3	<3	34	0.51	0.045	20	2	0.5	386	0.144	<20	1.13	0.13	0.63	<2	<0.05	<1	<5	<5	<5	
1995968	Drill Core	5.84	2	<1	2	5	39	<0.3	2	5	564	1.98	17	12	41	<0.5	<3	<3	29	0.72	0.043	18	2	0.46	336	0.115	<20	1.04	0.12	0.55	<2	<0.05	<1	<5	<5	<5	
1995969	Drill Core	5.16	5	<1	4	5	41	<0.3	1	5	600	2.15	57	17	48	<0.5	<3	<3	28	1.06	0.046	24	2	0.47	289	0.097	<20	1.03	0.09	0.48	<2	0.06	<1	<5	<5	<5	
1995970	Drill Core	7.32	14	<1	2	8	38	<0.3	2	4	570	2.01	181	14	56	<0.5	<3	<3	27	0.94	0.045	21	1	0.46	291	0.095	<20	0.94	0.09	0.52	<2	<0.05	<1	<5	<5	<5	
1995971	Drill Core	7.18	3	<1	5	6	42	<0.3	1	5	573	2.12	2	15	36	<0.5	<3	<3	31	0.64	0.047	24	2	0.48	337	0.124	<20	1.05	0.12	0.58	<2	<0.05	<1	<5	<5	<5	
1995972	Drill Core	2.9	<2	<1	10	5	41	<0.3	1	5	553	2	<2	13	33	<0.5	<3	<3	30	0.61	0.046	21	2	0.45	311	0.119	<20	1.01	0.11	0.51	<2	<0.05	<1	<5	<5	<5	
1995973	Drill Core	3.63	<2	<1	1	9	39	<0.3	1	5	578	2.06	<2	14	44	<0.5	<3	<3	29	0.75	0.047	22	2	0.46	343	0.114	<20	1.05	0.11	0.57	<2	<0.05	<1	<5	<5	<5	
1995974	Drill Core	4.42	<2	<1	2	5	38	<0.3	1	4	527	2	<2	15	33	<0.5	<3	<3	30	0.53	0.044	23	2	0.46	337	0.13	<20	1.07	0.13	0.59	<2	<0.05	<1	<5	<5	<5	
1995975	Drill Core	5.93	18	<1	2	7	39	<0.3	1	4	559	2.07	75	15	36	<0.5	<3	<3	30	0.69	0.047	25	2	0.45	341	0.121	<20	1.03	0.11	0.54	<2	<0.05	<1	<5	<5	<5	
1995976	Drill Core	6.15	<2	<1	1	8	44	<0.3	1	4	608	2.01	<2	14	51	<0.5	<3	<3	27	1.02	0.046	24	2	0.48	258	0.069	<20	0.98	0.07	0.36	<2	<0.05	<1	<5	<5	<5	
1995977	Drill Core	3.36	21	<1	2	7	40	<0.3	1	5	568	2.07	<2	14	46	<0.5	<3	<3	28	0.83	0.047	25	2	0.49	316	0.074	<20	1.04	0.09	0.45	<2	<0.05	<1	<5	<5	<5	
1995978	Drill Core	3.54	4	<1	2	7	40	<0.3	1	5	620	2.02	<2	15	57	<0.5	<3	<3	28	1.08	0.047	25	2	0.49	296	0.064

Drill Sampling Interval Sheet: DDH 2K17-06

2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17	PGC	1995997	4.5	6.5	2.00	
		1995998	4.5	6.5	2.00	Duplicate
		1995999			0.00	Standard
		1996000			0.00	Blank
		1996501	6.5	8.5	2.00	
		1996502	8.5	9.5	1.00	
		1996503	9.5	10.76	1.26	
		1996504	10.76	12.04	1.28	
		1996505	12.04	14.04	2.00	
		1996506	14.04	15	0.96	
		1996507	15	16.5	1.50	
		1996508	16.5	17.3	0.80	
		1996509	17.3	18.18	0.88	
		1996510	18.18	19.5	1.32	
		1996511	19.5	20.72	1.22	
		1996512	20.72	21.75	1.03	
		1996513	21.75	23.82	2.07	
		1996514	23.82	25.53	1.71	
		1996515	25.53	26.06	0.53	
		1996516	26.06	28.06	2.00	
		1996517	28.06	29.06	1.00	
		1996518	28.06	29.06	1.00	Duplicate
		1996519			0.00	Standard
		1996520			0.00	Blank
		1996521	29.06	31.75	2.69	
		1996522	31.75	33.75	2.00	
		1996523	33.75	35	1.25	
		1996524	35	36	1.00	
		1996525	36	36.93	0.93	
		1996526	36.93	38.17	1.24	
		1996527	38.17	39.45	1.28	
		1996528	39.45	40.5	1.05	
		1996529	40.5	41.88	1.38	
		1996530	41.88	43.88	2.00	
		1996531	43.88	44.77	0.89	
		1996532	44.77	46.21	1.44	
		1996533	46.21	47.09	0.88	
		1996534	47.92	49.92	2.00	
		1996535	49.92	51.92	2.00	

		1996536	51.92	53.94	2.02	
		1996537	56.35	58.76	2.41	
		1996538	56.35	58.76	2.41	Duplicate
		1996539				Standard
		1996540				Blank
		1996541	58.76	60.76	2.00	
		1996542	60.76	62.77	2.01	
		1996543	70.13	72.13	2.00	
		1996544	72.13	74.13	2.00	
		1996545	74.13	75	0.87	
		1996546	79.13	81.37	2.24	
		1996547	84.36	86.36	2.00	
		1996548	86.36	88.57	2.21	
		1996549	88.57	90.54	1.97	
		1996550	90.54	92.45	1.91	
		1996551	92.45	94.51	2.06	
		1996552	96.48	98.48	2.00	
		1996553	98.48	100.68	2.20	
		1996554	62.77	63.78	1.01	

Drill Sampling Interval Sheet: DDH 2K17-07

2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2k17-06	PGC	1996555	3.5	5.5	2	
		1996556	5.5	7.5	2	
		1996557	7.5	9.5	2	
		1996558	7.5	9.5	2	Duplicate
		1996559			0	Standard
		1996560			0	Blank
		1996561	9.5	11.5	2	
		1996562	11.5	13.5	2	
		1996563	13.5	15.5	2	
		1996564	15.5	17.5	2	
		1996565	17.5	18.5	1	
		1996566	18.5	19.75	1.25	
		1996567	19.75	21.75	2	
		1996568	21.75	23.86	2.11	
		1996569	23.86	25.86	2	
		1996570	25.86	27.86	2	
		1996571	27.86	29.86	2	
		1996572	29.86	31.86	2	
		1996573	31.86	33.86	2	
		1996574	33.86	35.55	1.69	
		1996575	35.55	36.9	1.35	
		1996576	36.9	38	1.1	
		1996577	38	39.28	1.28	
		1996578	38	39.28	1.28	Duplicate
		1996579			0	Standard
		1996580			0	Blank
		1996581	39.28	41.28	2	
		1996582	41.28	42.61	1.33	
		1996583	42.61	44.61	2	
		1996584	44.61	45.61	1	
		1996585	45.61	47.33	1.72	
		1996586	47.33	48.5	1.17	
		1996587	48.5	49.6	1.1	
		1996588	49.6	51.6	2	
		1996589	51.6	52.72	1.12	
		1996590	52.72	54.72	2	
		1996591	54.72	56	1.28	
		1996592	56	57	1	
		1996593	57	58.78	1.78	

		1996594	58.78	60.78	2	
		1996595	60.78	62.46	1.68	
		1996596	62.46	64.46	2	
		1996597	64.46	65.22	0.76	
		1996598	64.46	65.22	0.76	Duplicate
		1996599			0	Standard
		1996600			0	Blank
		1996601	65.22	67.22	2	
		1996602	67.22	69.22	2	
		1996603	69.22	70.32	1.1	
		1996604	70.32	72.03	1.71	
		1996605	72.03	74.03	2	
		1996606	73.74	76.03	2.29	
		1996607	75.45	78.03	2.58	
		1996608	78.03	78.85	0.82	
		1996609	78.85	80.85	2	
		1996610	80.85	82.85	2	
		1996611	82.85	84.85	2	
		1996612	84.85	86.12	1.27	
		1996613	86.12	88.12	2	
		1996614	88.12	90.12	2	
		1996615	90.12	92.12	2	
		1996616	92.12	94.12	2	
		1996617	94.12	95.12	1	
		1996618	94.12	95.12	1	Duplicate
		1996619			0	Standard
		1996620			0	Blank
		1996621	95.12	96.49	1.37	
		1996622	96.49	98.49	2	
		1996623	98.49	100.46	1.97	
		1996624	100.46	102.46	2	
		1996625	102.46	104.46	2	
		1996626	104.46	106.54	2.08	
		1996627	106.54	107.83	1.29	
		1996628	107.83	108.61	0.78	
		1996629	108.61	110	1.39	
		1996630	111.27	113.27	2	
		1996631	113.27	114.5	1.23	
		1996632	114.5	115.86	1.36	
		1996633			0	
		1996634	117.5	118.25	0.75	
		1996635	118.25	120.25	2	
		1996636	120.25	122	1.75	
		1996637	122	122.9	0.9	
		1996638	122.9	124	1.1	
		1996639	124	125.1	1.1	
		1996640	125.1	127.1	2	

		1996641	127.1	129.2	2.1	
		1996642	129.2	130.66	1.46	
		1996643	147.8	148.2	0.4	
		1996644	150.8	151.75	0.95	
		1996645	151.75	153.75	2	
		1996646	153.75	155.42	1.67	
		1996647	137	138	1	
		1996648	137	138	1	Duplicate
		1996649				Standard
		1996650				Blank
		1996664	155.42	157.42	2	
		1996665	157.42	159.42	2	
		1996666	159.42	161	1.58	
		1996667	161.38	163.76	2.38	
		1996668	163.76	165.76	2	
		1996669	165.76	167.76	2	
		1996670	167.76	169.7	1.94	
		1996671	171.7	172.16	0.46	
		1996672	172.16	174.15	1.99	
		1996673	174.15	176.15	2	
		1996674	176.15	177.15	1	
		1996675	179	180.1	1.1	
		1996676	180.1	181	0.9	
		1996677	181	183	2	
		1996678	183	185.19	2.19	
		1996679	191.46	192.71	1.25	
		1996680	196	196.59	0.59	
		1996681	197.33	199	1.67	
		1996682	199	201	2	
		1996683	201	203	2	
		1996684	201	203	2	Duplicate
		1996685				Standard
		1996686				Blank

Sample Interval Sheet: 2K17 -08
2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17-08	PGC	1996651	3	5	2.00	
		1996652	5	7	2.00	
		1996653	7	9	2.00	
		1996654	9	11	2.00	
		1996655	11	13	2.00	
		1996656	13	14.15	1.15	
		1996657	14.15	16.15	2.00	
		1996658	16.15	17.58	1.43	
		1996659	17.58	19.1	1.52	
		1996660	19.1	21.1	2.00	
		1996661	21.1	23.1	2.00	
		1996662	23.1	25.1	2.00	
		1996663	25.1	27.1	2.00	
		1996688	27.1	29.1	2.00	
		1996689	29.1	30.6	1.50	
		1996690	30.6	32.3	1.70	
		1996691	32.3	34	1.70	
		1996692	34	35.4	1.40	
		1996693	35.4	37.32	1.92	
		1996694	37.32	39.3	1.98	
		1996695	39.3	40.08	0.78	
		1996696	40.08	42.45	2.37	
		1996697	40.08	42.45	2.37	Duplicate
		1996698			0.00	Standard
		1996699			0.00	Blank
		1996700	42.45	44.45	2.00	
		1996701	44.45	46.45	2.00	
		1996702	46.45	47.9	1.45	
		1996703	47.9	49.9	2.00	
		1996704	49.9	51.9	2.00	
		1996726	51.9	53.9	2.00	
		1996727	53.9	55.9	2.00	
		1996728	55.9	57.1	1.20	
		1996729	62.13	64.13	2.00	
		1996730	66.4	68	1.60	
		1996731	68	69	1.00	
		1996732	69	70.65	1.65	
		1996733	70.65	72.65	2.00	
		1996734	72.65	74.65	2.00	
		1996735	74.65	76.65	2.00	
		1996736	76.65	78.65	2.00	
		1996737	78.65	79.65	1.00	
		1996738	78.65	79.65	1.00	Duplicate

		1996739			0.00	Standard
		1996740			0.00	Blank
		1996741	79.65	81.65	2.00	Diorite Dyke
		1996742	81.65	83	1.35	
		1996743	83	84.53	1.53	
		1996744	84.53	86	1.47	
		1996745	86	87.9	1.90	
		1996746	87.9	90	2.10	
		1996747	91.6	93.45	1.85	
		1996748	94.4	96.45	2.05	
		1996749	100	102	2.00	
		1996750	102	104	2.00	
		1996760	104	106	2.00	
		1996761	104	106	2.00	Duplicate
		1996762			0.00	Standard
		1996763			0.00	Blank
		1996764	106	108	2.00	
		1996765	108	110	2.00	
		1996766	110	112	2.00	
		1996767	117.2	119.2	2.00	
		1996768	119.2	121.2	2.00	
		1996769	121.2	123	1.80	
		1996770	123	125	2.00	
		1996771	125	127.25	2.25	
		1996772	127.25	129.25	2.00	
		1996773	129.25	131.25	2.00	
		1996782	131.25	132	0.75	
		1996783	132	134	2.00	
		1996784	134	136	2.00	
		1996785	136	137.4	1.40	
		1996786	137.4	138.86	1.46	
		1996787	138.86	140.92	2.06	
		1996788	140.92	142.92	2.00	
		1996789	142.92	144.15	1.23	
		1996790	144.15	145.2	1.05	
		1996791	145.2	146	0.80	
		1996792	146	148	2.00	
		1996793	148	150	2.00	
		1996794	150	152	2.00	
		1996795	152	153.1	1.10	
		1996796	153.1	155.1	2.00	
		1996797	155.1	157.1	2.00	
		1996798	155.1	157.1	2.00	Duplicate
		1996799			0.00	Standard
		1996800			0.00	Blank
		1996826	157.1	158.63	1.53	
		1996827	158.63	160.63	2.00	

		1996828	160.63	162.63	2.00	
		1996829	162.63	163.6	0.97	
		1996830	163.6	165.6	2.00	
		1996831	165.6	166.43	0.83	
		1996832	166.43	168	1.57	
		1996833	168	169	1.00	
		1996834	169	171	2.00	

Sample Interval Sheet: 2K17 -09
2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17-09	PGC	1996705	3.5	5.5	2.00	
		1996706	5.5	6.5	1.00	
		1996707	6.5	8.5	2.00	
		1996708	8.5	10.5	2.00	
		1996709	10.5	12.5	2.00	
		1996710	12.5	14.27	1.77	
		1996711	14.27	16.27	2.00	
		1996712	16.27	18.27	2.00	
		1996713	18.27	20.27	2.00	
		1996714	20.27	21.27	1.00	
		1996715	21.27	23.27	2.00	
		1996716	23.27	24.7	1.43	
		1996717	24.7	25.9	1.20	
		1996718	29.9	31.42	1.52	
		1996719	31.42	32	0.58	
		1996720	36	37	1.00	
		1996721	38.28	40.2	1.92	
		1996722	40.2	41.55	1.35	
		1996723	40.2	41.55	1.35	Duplicate
		1996724				Standard
		1996725				Blank
		1966751	55	56.35	1.35	
		1966752	57.1	59.1	2.00	
		1966753	60.14	62.14	2.00	
		1966754	62.14	63.74	1.60	
		1966755	68.14	69.14	1.00	
		1966756	69.14	70.47	1.33	
		1966757	70.47	72.47	2.00	
		1966758	72.47	73.51	1.04	
		1966759	73.51	75.9	2.39	
		1996774	83.72	85	1.28	
		1996775	85	86.45	1.45	
		1996776	87	89	2.00	
		1996777	89	91	2.00	
		1996778	95.2	97.46	2.26	
		1996779	95.2	97.46	2.26	Duplicate
		1996780				Standard
		1996781				Blank

Sample Interval Sheet: 2K17 -10
2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17-10	PGC	1996801	8.55	10	1.45	
		1996802	10	10.86	0.86	
		1996803	10.86	12.94	2.08	
		1996804	12.94	14	1.06	
		1996805	14	15.18	1.18	
		1996806	15.18	16.2	1.02	
		1996807	16.2	18	1.80	
		1996808	18	19.5	1.50	
		1996809	19.5	21.5	2.00	
		1996810	21.5	23.64	2.14	
		1996811	23.64	24.4	0.76	
		1996812	24.4	26.4	2.00	
		1996813	26.4	28.4	2.00	
		1996814	28.4	30.1	1.70	
		1996815	30.1	32.1	2.00	
		1996816	32.1	34.1	2.00	
		1996817	34.1	35.41	1.31	
		1996818	34.1	35.41	1.31	Duplicate
		1996819				Standard
		1996820				Blank
		1996821	35.41	35.96	0.55	
		1996822	35.96	37.06	1.10	
		1996823	37.06	39.06	2.00	
		1996824	39.06	41.06	2.00	
		1996825	41.06	42	0.94	
		1996835	42	44	2.00	
		1996836	44	46	2.00	
		1996837	46	48	2.00	
		1996838	46	48	2.00	Duplicate
		1996839				Standard
		1996840				Blank
		1996841	48	50	2.00	
		1996842	50	52	2.00	
		1996843	52	54	2.00	
		1996844	54	55	1.00	
		1996845	55	57	2.00	
		1996846	57	57.83	0.83	
		1996847	57.83	59.83	2.00	
		1996848	59.83	61.55	1.72	
		1996849	61.55	63.27	1.72	
		1996850	63.27	65.27	2.00	
		1996851	65.27	67.27	2.00	

		1996852	67.27	68.18	0.91	
		1996853	68.18	70.18	2.00	
		1996854	70.18	72	1.82	
		1996855	72	73	1.00	
		1996856	73	74.42	1.42	
		1996857	74.42	76.42	2.00	
		1996858	74.42	76.42	2.00	Duplicate
		1996859				Standard
		1996860				Blank
		1996861	76.42	78	1.58	
		1996862	78	79.04	1.04	
		1996863	79.04	80.32	1.28	
		1996886	80.32	81.26	0.94	
		1996887	81.26	83.26	2.00	
		1996888	83.26	85.26	2.00	
		1996889	85.26	87.26	2.00	
		1996890	87.26	89	1.74	
		1996891	89	91	2.00	
		1996892	91	92.94	1.94	
		1996893	92.94	94.94	2.00	
		1996894	94.94	96.94	2.00	
		1996895	96.94	98	1.06	
		1996896	98	99.17	1.17	
		1996897	99.17	101.17	2.00	
		1996898	99.17	101.17	2.00	Duplicate
		1996899				Standard
		1996900				Blank
		1996901	101.17	103.24	2.07	
		1996902	103.24	105	1.76	
		1996903	105	106.8	1.80	
		1996904	106.8	108.8	2.00	
		1996905	108.8	109.63	0.83	
		1996906	109.63	111.63	2.00	
		1996907	111.63	113.35	1.72	
		1996908	113.35	114.45	1.10	
		1996909	114.45	116.33	1.88	
		1996910	116.33	118.33	2.00	
		1996911	118.33	120.33	2.00	
		1996912	120.33	121.48	1.15	
		1996913	121.48	123.17	1.69	
		1996914	123.17	123.8	0.63	
		1996915	123.8	125	1.20	
		1996916	125	126.43	1.43	
		1996917	126.43	128.43	2.00	
		1996918	126.43	128.43	2.00	Duplicate
		1996919				Standard
		1996920				Blank

		1996921	128.43	130.43	2.00	
		1996922	130.43	131.83	1.40	
		1996923	131.83	133.83	2.00	
		1996924	133.83	135.83	2.00	
		1996925	135.83	137.1	1.27	
		1996926	137.1	139.1	2.00	
		1996927	139.1	141.1	2.00	
		1996928	141.1	142	0.90	
		1996929	142	143.76	1.76	
		1996930	143.76	145	1.24	
		1996931	145	146.3	1.30	
		1996932	151	153	2.00	
		1996933	154.45	155.6	1.15	
		1996934	155.6	157.6	2.00	
		1996935	157.6	159	1.40	
		1996936	159	160	1.00	
		1996937	160	162	2.00	
		1996938	160	162	2.00	Duplicate
		1996939				Standard
		1996940				Blank
		1996941	162	163.24	1.24	
		1996942	165.85	167.85	2.00	

Sample Interval Sheet: 2K17 -11
2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17-11	PGC	1996864	7	9	2.00	
		1996865	9	11	2.00	
		1996866	11	13	2.00	
		1996867	13	15	2.00	
		1996868	15	16.9	1.90	
		1996869	16.9	18	1.10	
		1996870	18	19.2	1.20	
		1996871	19.2	19.7	0.50	
		1996872	19.7	21	1.30	
		1996873	21	22.25	1.25	
		1996874	22.25	22.85	0.60	
		1996875	22.85	23.63	0.78	
		1996876	23.63	25	1.37	
		1996877	25	26	1.00	
		1996878	26	28	2.00	
		1996879	26	28	2.00	Duplicate
		1996880			0.00	Standard
		1996881			0.00	Blank
		1996882	28	29.07	1.07	
		1996883	29.07	30.12	1.05	
		1996884	30.12	31.65	1.53	
		1996885	31.65	33.65	2.00	
		1996943	33.65	35.65	2.00	
		1996944	35.65	37.65	2.00	
		1996945	37.65	39	1.35	
		1996946	39	41	2.00	
		1996947	41	41.87	0.87	
		1996948	41.87	43.87	2.00	
		1996949	43.87	45.87	2.00	
		1996950	45.87	47.87	2.00	
		1996951	47.87	49.87	2.00	
		1996952	49.87	51.3	1.43	
		1996953	51.3	53.3	2.00	
		1996954	53.3	55.3	2.00	
		1996955	55.3	57.3	2.00	
		1996956	57.3	59	1.70	
		1996957	59	61	2.00	
		1996958	59	61	2.00	Duplicate
		1996959			0.00	Standard
		1996960			0.00	Blank
		1996961	61	63	2.00	
		1996962	63	65	2.00	

		1996963	65	66	1.00	
		1996964	66	67.8	1.80	
		1996965	67.8	69.5	1.70	
		1996966	69.5	71.19	1.69	
		1996967	71.19	73.19	2.00	
		1996968	73.19	75.19	2.00	
		1996969	75.19	76.84	1.65	
		1996970	76.84	78.84	2.00	
		1996971	78.84	80.84	2.00	
		1996972	80.84	82.86	2.02	
		1996973	82.86	84.65	1.79	
		1996974	84.65	86	1.35	
		1996975	86	87	1.00	
		1996976	87	88.7	1.70	
		1996977	88.7	90.3	1.60	
		1996978	88.7	90.3	1.60	Duplicate
		1996979			0.00	Standard
		1996980			0.00	Blank
		1996981	90.3	92	1.70	
		1996982	92	93	1.00	
		1996983	93	94.69	1.69	
		1996984	94.69	95.27	0.58	
		1996985	95.27	97	1.73	
		1996986	97	99	2.00	
		1996987	99	100.66	1.66	
		1996988	100.66	102.66	2.00	
		1996989	102.66	104	1.34	
		1996990	104	105.73	1.73	
		1996991	105.73	107	1.27	
		1996992	107	108.58	1.58	
		1996993	108.58	110.58	2.00	
		1996994	110.58	111.37	0.79	
		1996995	111.37	113	1.63	
		1996996	113	115	2.00	
		1996997	115	116	1.00	
		1996998	115	116	1.00	Duplicate
		1996999				Standard
		1997000				Blank

Sample Interval Sheet: 2K17 -12
2K Gold Project, Provenance Gold Corp

DDH ID	Prefix	Sample No.	From (m)	To (m)	Interval (m)	Comments
2K17-12	PGC	1995009	1.5	3.5	2.00	
		1995010	3.5	5.5	2.00	
		1995011	5.5	6.46	0.96	
		1995012	6.46	7.23	0.77	
		1995013	7.23	8.7	1.47	
		1995014	8.7	10.5	1.80	
		1995015	10.5	12	1.50	
		1995016	12	13.11	1.11	
		1995017	13.11	14.87	1.76	
		1995018	13.11	14.87	1.76	Duplicate
		1995019			0.00	Standard
		1995020			0.00	Blank
		1995021	14.87	16	1.13	
		1995022	16	18	2.00	
		1995023	18	19	1.00	
		1995024	19	20.37	1.37	
		1995025	20.37	22.37	2.00	
		1995026	22.37	24	1.63	
		1995027	24	25.85	1.85	
		1995028	25.85	27.5	1.65	
		1995029	27.5	29.21	1.71	
		1995030	29.21	31.21	2.00	
		1995031	31.21	33.21	2.00	
		1995032	33.21	35.24	2.03	
		1995033	35.24	36.5	1.26	
		1995034	36.5	38.25	1.75	
		1995035	38.25	40.25	2.00	
		1995036	40.25	42.25	2.00	
		1995037	42.25	44.14	1.89	
		1995038	42.25	44.14	1.89	Duplicate
		1995039			0.00	Standard
		1995040			0.00	Blank
		1995041	44.14	46	1.86	
		1995042	46	47.43	1.43	
		1995043	47.43	48.5	1.07	
		1995044	48.5	49.8	1.30	
		1995045	49.8	51	1.20	
		1995046	51	52	1.00	
		1995047	52	53.48	1.48	
		1995048	53.48	55	1.52	
		1995049	55	57	2.00	
		1995050	57	59	2.00	

		1995051	59	61	2.00	
		1995052	61	63	2.00	
		1995053	63	65	2.00	
		1995054	65	66.3	1.30	
		1995055	66.3	67.75	1.45	
		1995056	67.75	69	1.25	
		1995057	69	71	2.00	
		1995058	69	71	2.00	Duplicate
		1995059			0.00	Standard
		1995060			0.00	Blank
		1995061	71	73	2.00	
		1995062	73	75	2.00	
		1995063	75	77	2.00	
		1995064	77	79	2.00	
		1995065	79	81	2.00	
		1995066	81	83	2.00	
		1995067	83	84.45	1.45	
		1995068	84.45	86	1.55	
		1995069	86	88	2.00	
		1995070	88	89.2	1.20	
		1995071	89.2	91	1.80	
		1995072	91	93	2.00	
		1995073	93	94.25	1.25	
		1995074	94.25	96.56	2.31	
		1995075	96.56	98	1.44	
		1995076	98	100	2.00	
		1995077	100	102	2.00	
		1995078	100	102	2.00	Duplicate
		1995079			0.00	Standard
		1995080			0.00	Blank
		1995081	102	103	1.00	
		1995082	103	104.9	1.90	
		1995083	104.9	106	1.10	
		1995084	106	108	2.00	
		1995085	108	109.74	1.74	
		1995086	109.74	111.74	2.00	
		1995087	111.74	113.55	1.81	
		1995088	113.55	115	1.45	
		1995089	115	116.79	1.79	
		1995090	116.79	118	1.21	
		1995091	118	120	2.00	
		1995092	120	122	2.00	
		1995093	122	124	2.00	
		1995094	129.57	131.3	1.73	
		1995095	131.3	133	1.70	
		1995096	133	134	1.00	
		1995097	134	135	1.00	

		1995098	134	135	1.00	Duplicate
		1995099			0.00	Standard
		1995100			0.00	Blank
		1995101	138	140	2.00	
		1995102	142	144	2.00	
		1995103	144	146	2.00	
		1995104	146	148	2.00	
		1995105	150.2	151.49	1.29	
		1995106	151.49	152.75	1.26	

APPENDIX 4

ROCK, SOIL AND SILT SAMPLE DESCRIPTIONS

Rock Sample Descriptions, 2017 Program, 2K Gold Project

Sample No.	Easting	Northing	Zone	Sample Type	Width (m)	Sample	Formation	Lithology	Modifier	Colour	Carbonate	Silicification	Alteration 1	Alt 2	Other Alt	Mineral 1	Amt (%)	Minl 2	Amt (%)	Other Min	Amt (%)	Date	Sampler	Comments
	(Nad 83)	(Nad 83)				Description					Presence													
RB22601	503053	6991805	7	CGr		Bedrock	mKw	Qz Vein	cockscomb	brown/black			A1	Mang3	L2-3							Jn 13	CS	Strong manganese along selvages
RB22602	503065	6991628	7	CGr		Bedrock	mKw	Qz Vein	cockscomb	brown/black				Mang3	L2-3							Jn 14	CS	Small veins to 3 cm
RB22603	503061	6991636	7	Chip	1.7	Bedrock	mKw	Gdiorite	sheared	tan-buff			A2-3	Mang3	L2							Jn 14	CS	New trench near 2016 high-grade sample
RB22604	503058	6991662	7	Chip	1.0	Bedrock	mKw	Gdiorite	Gouge	tan			A2		L2-3	Py tr						Jn 14	CS	Trench bedrock; med-coarse grained gdiorite
RB22605	503066	6991665	7	CGr		Tr. "push"	mKw	Gdiorite	fractured	tan		S1	A1		L2-3							Jn 14	CS	Strongly microfractured
RB22606	503150	6991722	7	CGr		Tr. "push"	mKw	Gdiorite	fractured	tan			A1	Mang2	L2							Jn 14	CS	Microfractured
RB22607	503061	6991778	7	Chip	0.35	Outcrop		Fel Dyke	fine banding	tan		S1	A1-2									Jn 14	CS	Within 15-20m wide zone of limonitic decrep gdiorite
RB22608	503056	6991814	7	Chip	0.7	Trench wall	mKw	Qz Vein	Sheeted	brown/black				Mang3								Jn 14	CS	Several nearly flat-lying veins
RB22609	503067	6991840	7	Chip	1.2	Trench wall	mKw	Gdiorite	decrepitated	tan			Ph3			Scor?	tr					Jn 14	CS	Fractured and decrepitated
RB22610	503040	6991650	7	Grab		Float		Qz Vein	fractured	white-grey						As	2	Sb	<1	VG	tr	Jn 14	CS	Also, <1% Galena
RB22611	503043	6991695	7	Chip	1.5	Bedrock	mKw	Gdiorite	gouge	tan			A2-3		L3							Jn 14	CS	Decrepitated
RB22614	503078	6991643	7	CGr		Trench wall		Qz-Carb Vn	Cockscomb	white-grey	C1				L1							Jn 15	CS	Ankeritic; in strongly altered granodiorite
RB22615	503038	6991651	7	Grab		Prox Float		Qz Vein	fractured	white						Sb	3	Sph	<1	As >1		Jn 15	CS	Clotty sphalerite, trace galena also
RB22616	503292	6991837	7	CGr		Rcrop	mKw	Gdiorite	veined	tan		S1			L2-3							Jn 16	CS	Rubblecrop in trench; cm-scale vuggy qz veins
RB22617	503294	6001847	7	CGr		Rcrop	mKw	Gdiorite	fractured	tan-brown		S1	Ph3	Mang1-2	L2-3							Jn 16	CS	Rubblecrop in trench; locally veined
RB22618	503295	6991848	7	SCGr		Rcrop		Qz Vein	vuggy	tan		S1-2	Ph2-3		L3							Jn 16	CS	Rubblecrop in trench; veins to 1.5 cm
RB22619	503294	6991849	7	CGr		Rcrop	mKw	Gdiorite	veined	tan-brown		S1	Ph3		L2-3							Jn 16	CS	Rubblecrop in trench; cm-scale veins
RB22620	503303	6991942	7	SCGr		Rcrop		Qz Vein	Banded	Grey-white					L1	As	5					Jn 16	CS	2 pieces, clotty and fracture-controlled arsenopyrite
RB22621	503296	6991852	7	CGr		Rcrop	mKw	Gdiorite	veined	tan		S1	Ph3			scor	wk					Jn 16	CS	Rubblecrop in trench; Vuggy quartz veins
RB22622	503312	6992038	7	Chip	2.0	Trench wall	mKw	Gdiorite	decrepitated	tan			A1-2	Ph3	L3							Jn 16	CS	Rubblecrop in trench
RFE5667960	504263	6995077	7	Grab		Prox. Float		Qz Vein	Banded sulphides	white-grey												Jn 14	AR	Foliated qtz boulder with aspy, py and Fe-oxide staining
RFE5667961	504263	6995077	7	Grab		Prox. Float		Qz Vein	fractured	white												Jn 14	AR	Massive qtz boulder with aspy and py
RFE5667962	504263	6995077	7	Grab		Prox. Float		Qz Vein	Clotty sulphides	white												Jn 14	AR	Banded qtz boulder with aspy, gn and Fe-oxide alteration
RF5667965	505701	6993421	7	Comp. Grab		Float		Gdiorite	Altered	tan					L3	Hematite	weak					17-Jun-17	NB	Penetrativ Fe-oxide alteration (Limonite?)
RF5667966	505694	6993415	7	Grab		Float		Qz Vein		white			Csil?	Epidote		Py						17-Jun-17	NB	Weathered f.gr Py, diopside envelope and minor garnet?
RB5667967	505567	6993435	7	Grab		Bedrock		Qz Vein					bleaching		L2							19-Jun-17	NB	5cm qtz vein with minor bleaching of host rock
RB5667968	505531	6993422	7	Grab		Bedrock		Qz Vein	Coarse grained				Chl/ ser?			Stibnite	<1					19-Jun-17	NB	Minor coarse flakes (Chl/ser?), minor stibnite needles
RB5667969	505491	6993404	7	Comp. Grab		Bedrock		Gdiorite	Decrepitated	tan		S1	A2-3	Ph1	L3	Mang	weak					19-Jun-17	NB	Intensely depricated, fractured, pervasively altered granodiorite
RF5667970	505494	6993348	7	Grab		Float		Qz Vein	Coarse grained							Pyrite						19-Jun-17	NB	Weathered pyrite (other sulphides?) on surface
RB5667971	505534	6993419	7	Grab		Bedrock		Gdiorite	decrepitated				A1									19-Jun-17	NB	Ppartially depricated, possible clay alteration along fractures
RF5667972	505576	6993420	7	Comp. Grab		Float		Gdiorite	Fissile	tan					L2							19-Jun-17	NB	limonite altered diorite v. fissle similar to o/c
RF5667973	505571	6993424	7	Grab		Float		Qz Vein	Vuggy							Py	5					19-Jun-17	NB	Vuggy qtz-biotite vein, weathered sulphides in biotite gdiorite
RF5667975	503105	6990187	7	Grab		Float		Gdiorite	fine-grained	grey-green		S1-2				Py	<1					20-Jun-17	NB	Fine grained silicified rock
RF5667981	503398	6990441	7	Grab		Float		Gdiorite				S1-2				Py		Arseno		Mang	weak	20-Jun-17	NB	Silicified rock, euhedral <.5mm py + f. g. clusters of aspy (?)
RF5667983	503445	6990476	7	Comp. Grab		Float		Gdiorite							L2	Mang	weak					20-Jun-17	NB	Limonitically altered granodiorite fragments some Mn-alt
RB5667984	502569	6991985	7	Grab		Bedrock		Qz Vein						Ph2?		Aspy						21-Jun-17	NB	Qtz-manganese veins with aspy and brassy mica (ser?)
RF5667985	502611	6992012	7	Grab		Float		Gdiorite							L2							21-Jun-17	NB	In creek of old placer workings limonitic granodiorite
RB5667986	502554	6991961	7	Chip	0.1	Bedrock		Qz Vein						Ph1	L1	Py	<1					21-Jun-17	NB	qtz vn with altered bt (ser?) possible v. minor py Fe-oxide
RB5667987	502538	6991956	7	Grab		Bedrock		Qz Vein				S2	Bio 1			Mang	weak					21-Jun-17	NB	qtz vn within silicified wallrock
RF5667988	502838	6991840	7	Grab		Float		Gdiorite	Tan						L2	Aspy	<1	Galena	<1			21-Jun-17	NB	limonitically altered granodiorite and minor sulphides
RF5667989	502838	6991840	7	Grab		Float		Qz Vein	Vuggy							Py	<1	Arseno	<1	Mang		21-Jun-17	NB	Coarse grained vuggy qtz vn with abnt sulphide weathering
RB5667990	502576	6991987	7	Chip	0.5	Bedrock		Qz Vein														21-Jun-17	NB	Rubbly qtz vein
RF5667991	503490	6991444	7	Comp. Grab		Float		Qz Vein	Cm-scale							Aspy	<5	Galena	<5			22-Jun-17	NB	cm scale qtz vn, fine grained disseminated sulphides
RB5667992	503052	6991951	7	Chip	0.3	Bedrock		Qz Vein						Ph1?								22-Jun-17	NB	qtz-aspy, brassy mica (ser)
RB5667993	503049	6991940	7	Comp. Grab		Bedrock		Gdiorite								Scor?						23-Jun-17	NB	Possible scorodite zone
RB5667994	503107	6991903	7	Chip	0.3	Bedrock		Qz Vein	Qz-manganese							Aspy	tr	Scor	tr			23-Jun-17	NB	Fractured area of qtz-mn sulphides (altered) - aspy/scorodite
RB5667995	503095	6991897	7	Chip	0.4	Bedrock																23-Jun-17	NB	Limonitically altered zone
RB5667996	503051	6991807	7	Chip	0.5	Bedrock		Gdiorite	Fault zone	tan			A1-2		L2	Mang	mod					24-Jun-17	NB	Gossanous limonitic granodiorite infault zone
RF5667998	506045	6993254	7	Grab		Float		Qz Vein							L1	Py	<1					24-Jun-17	NB	Grab sample from creek
RF5668005	504221	6994351	7	Grab		Float		Qz Vein							L2	Py	tr	Aspy	tr			24-Jun-17	NB	qtz-vn float with minor sulphides
RF22626	504322	6994708	7	Grab		Float		Qz Vein								Aspy	tr					24-Jun-17	NB	qtz-vn float with v. minor aspy(?)
RB22627	504809	6995394	7	Chip	0.1	Bedrock		Qz Vein								Py	tr					25-Jun-17	NB	qtz vn with minor sulphides (py)
RB22628	504811	6995400	7	Comp. Grab		Bedrock		Gdiorite	Wallrock				A2									25-Jun-17	NB	clay altered material proximal to qtz veinlets
RB22629	504807	6995400	7	Grab		Bedrock		Gdiorite	Decrepitated													25-Jun-17	NB	depricated granodiorite (biotite-qtz-plag-Kspar)
RF22630	504096	6994597	7	Grab		Float		Qz Vein	Coarse grained							Aspy		Galena				26-Jun-17	NB	Coarse grained qtz-vn x-cutting granodiorite with aspy + gn
RF22631	502423	6990393	7	Comp. Grab		Float		Qz Vein	Qz-manganese							Py						27-Jun-17	NB	Qtz-mn vn with weathered sulphides. Float sample in creek
RB22632	505207	6996748	7	Grab		Rubblecrop		Qz Vein					Bio 1			Aspy	<1					29-Jun-17	NB	Qtz vn cross-cutting weakly foliated biotite granodiorite
RF22633	504890	6996748	7	Comp. Grab		Float		Qz Vein								Sphal	<1					29-Jun-17	NB	qtz-vns with minor sphalerite in foliated bt granodiorite
RF22634	504520	6996699	7	Chip	0.15	Float		Qz Vein		White						Aspy	<1	Galena	<1	Stib	tr	29-Jun-17	NB	Boulder with two parallel veins. White qtz
RF22635	504341	6996628	7	Comp. Grab		Float		Qz Vein		White						Galena?	tr					29-Jun-17	NB	Qtz vns with minor gn (?) in bt granodioirte
RF22636	504367	6995304	7	Grab		Float		Qz Vein		White						Aspy	<1	Galena	<1			30-Jun-17	NB	White qtz vns cross-cutting biotite-granodiorite
RF22637	504291	6995237	7	Comp. Grab		Float		Qz Vein		White						Aspy	1	Py		Galena	<1	30-Jun-17	NB	old dozer trench white qtz, aspy and py vns in bt granodiorite
RF22638	504258	6995255	7	Comp. Grab		Float		Qz-Aspy Vn		White						Aspy	>1	Stibnite	>1			30-Jun-17	NB	White qtz-aspy and stibnite veins, some banding of aspy
RB22639	503498	6995449	7	Chip	0.1	Rubblecrop		Qz Vein		White			Bio 1			Sphal	tr	Galena	tr			30-Jun-17	NB	white quartz with bt flakes v minor sph and gn
RB22640	503499	6995443	7	Comp. Grab		Rubblecrop		Qz Vein		White			Bio 1			Sphal	tr	Galena	tr	Aspy	tr	30-Jun-17	NB	white quartz, very fine grained sulphides
RF22644	505391	6995145	7	Grab		Rcrop/Float		Qz vein	Coarse grained	tan			Musc 1		L2	Py						04-Jul-17	NB	Minor muscovite and weathered out pyrite (?)
RB90017	504609	6997311	7	Chip	0.1	Rubblecrop		Qz Vein								Py	>1					05-Jul-17	NB	Qtz vein in foliated biotite-gdiorite, C Gr pyrite.
R950460	502591	6991999	7	Grab		Float		Qz Vein	Thick-bedded	White-beige						Aspy	2	Stibnite	<1			09-Aug-17	CS	Vesicular and clotty arsenopyrite
R950461	504277	6995070	7	Grab		Prox float		Gdiorite	Vn stwork	Grey		S2	Ph1		grey	Py	6	Aspy	5	Stib	2	09-Aug-17	CS	40% quartz stringers in granodiorite, mineraliztion in wallrock.
R950462	505624	6993428	7	Grab		Float		Qz Vein	Vuggy	Tan					L1	Galena?	1	VG	tr			12-Aug-17	CS	Vuggy quartz vein, epithermal?

Sample ID	Easting NAD 83	Northing NAD 83	Tag No.	Date	Description	Sample Depth	Horizon Sampled	Depth in Horizon	Sample Colour	Organics %	Angular Rock %	Gravel %	Sand %	Silt %	Clay %	Parent Material	Moisture Content	Vegetation	Topo Position
						0-10	A	<1	White							Weathered bedrock	Dry	Evergreen Forest	Valley bottom
						10-20	A/B	1-2	Light grey							Till	Moist	Deciduous Forest	Mid slope
						20-30	B	2-5	Dark grey							Loess - Organic rich	Wet	Buck Brush	Ridge top
						30-40	B/C	5-10	Ash (salt & pepper)							Fluvial - Stream/River	Saturated	Alpine	Bench
						40-50	C	10-15	Light brown							Lacustrine - Lakeside	Partially Frozen	Tundra	Plateau
						50-60		15-20	Dark brown							Talus	Frozen	Marsh	Alpine
						60-70		20-25	Greenish grey										
						70-80		25-30	Yellowish orange										
						>80		30 up	Olive grey										
									Black										

Sample ID	Easting NAD 83	Northing NAD 83	Tag No.	Date	Description	Sample Depth	Horizon Sampled	Depth in Horizon	Sample Colour	Organics %	Angular Rock %	Gravel %	Sand %	Silt %	Clay %	Parent Material	Moisture Content	Vegetation	Topo Position
R00E0200	502200	6991100	E5670323	19-Jun-17		30-40	B/C	25-30	Light brown	0	25	35	15	20	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0250	502250	6991100	E5670322	19-Jun-17		50-60	B/C	30 up	Dark brown	5	25	40	15	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0300	502300	6991100	E5670321	19-Jun-17		40-50	B/C	30 up	Dark brown	0	25	35	25	15	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R00E0350	502350	6991100	E5670320	19-Jun-17		40-50	B/C	30 up	Light brown	5	15	35	20	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0400	502400	6991100	E5670319	19-Jun-17		30-40	B/C	15-20	Light brown	0	15	35	15	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0450	502450	6991100	E5670318	19-Jun-17		30-40	B/C	15-20	Light brown	5	20	25	35	5	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R00E0500	502500	6991100	E5670317	19-Jun-17		20-30	B/C	20-25	Light brown	0	25	45	5	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0550	502550	6991100	E5670316	19-Jun-17		20-30	A/B	20-25	Dark brown	15	10	25	5	10	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R00E0600	502600	6991100	E5670315	19-Jun-17		20-30	A/B	25-30	Dark brown	10	20	25	20	10	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R00E0650	502650	6991100	E5670314	19-Jun-17		50-60	B/C	25-30	Light brown	5	25	30	25	5	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R00E0700	502700	6991100	E5670313	19-Jun-17		30-40	B/C	15-20	Light brown	5	50	20	5	15	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0750	502750	6991100	E5670312	19-Jun-17		30-40	B/C	20-25	Dark brown	5	20	35	25	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0800	502800	6991100	E5670311	19-Jun-17		50-60	B/C	30 up	Light brown	5	35	30	10	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0850	502850	6991100	E5670310	19-Jun-17		40-50	B/C	20-25	Light brown	5	20	35	20	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0900	502900	6991100	E5670309	19-Jun-17		40-50	B/C	30 up	Light brown	5	20	35	15	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E0950	502950	6991100	E5670308	19-Jun-17		40-50	B/C	30 up	Light brown	0	25	35	15	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1000	503000	6991100	E5670307	19-Jun-17		40-50	B/C	20-25	Dark brown	0	25	35	15	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1050	503050	6991100	E5670306	19-Jun-17		60-70	B/C	25-30	Dark brown	0	25	35	20	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1100	503100	6991100	E5670305	19-Jun-17		10-20	B/C	5-10	Ash (salt & pepper)	10	25	30	20	10	5	Weathered bedrock	Saturated	Buck Brush	Mid slope
R00E1150	503150	6991100	E5670304	19-Jun-17		40-50	B	15-20	Light brown	5	15	20	15	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1200	503200	6991100	E5670303	19-Jun-17		30-40	B	30 up	Dark grey	15	10	20	15	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1250	503250	6991100	E5670302	19-Jun-17		20-30	A/B	10-15	Light brown	10	0	0	20	30	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R00E1300	503300	6991100	E5670301	19-Jun-17		40-50	B/C	15-20	Dark brown	30	5	10	10	20	25	Loess - Organic rich	Wet	Buck Brush	Mid slope
R00E1350	503350	6991100	E5670300	19-Jun-17		30-40	A/B	15-20	Dark brown	35	0	0	5	15	45	Loess - Organic rich	Wet	Buck Brush	Mid slope
R00E1400	503400	6991100	E5670299	19-Jun-17		20-30	A/B	15-20	Dark brown	25	10	15	10	10	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
R01E0200	502200	6991200	E5670324	19-Jun-17		40-50	B/C	20-25	Light brown	5	5	10	20	15	45	Weathered bedrock	Moist	Buck Brush	Mid slope
R01E0250	502250	6991200	E5670445	19-Jun-17		10-20	A/B	5-10	Ash (salt & pepper)	10	10	15	35	5	25	Weathered bedrock	Moist	Buck Brush	Bench
R01E0300	502300	6991200	E5670444	19-Jun-17		60-70	C	30 up	Light brown	0	5	15	25	25	30	Weathered bedrock	Dry	Buck Brush	Bench
R01E0350	502350	6991200	E5670443	19-Jun-17		30-40	B/C	20-25	Ash (salt & pepper)	5	10	35	25	10	15	Weathered bedrock	Moist	Buck Brush	Bench
R01E0400	502400	6991200	E5670442	19-Jun-17		40-50	C	30 up	Light brown	5	5	20	20	20	30	Weathered bedrock	Moist	Buck Brush	Bench
R01E0450	502450	6991200	E5670441	19-Jun-17		20-30	B	10-15	Light brown	10	15	25	25	15	10	Weathered bedrock	Moist	Buck Brush	Bench
R01E0500	502500	6991200	E5670440	19-Jun-17		20-30	C	20-25	Light brown	5	10	30	15	15	25	Weathered bedrock	Moist	Buck Brush	Bench
R01E0550	502550	6991200	E5670439	19-Jun-17		20-30	B	20-25	Light brown	15	5	25	10	10	35	Weathered bedrock	Moist	Buck Brush	Bench
R01E0600	502600	6991200	E5670438	19-Jun-17		40-50	C	30 up	Light brown	5	10	30	20	20	15	Weathered bedrock	Moist	Buck Brush	Bench
R01E0650	502650	6991200	E5670437	19-Jun-17		10-20	B	10-15	Light grey	5	5	5	30	25	30	Weathered bedrock	Moist	Buck Brush	Bench
R01E0700	502700	6991200	E5670436	19-Jun-17		30-40	B	20-25	Light brown	5	5	15	25	20	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R01E0750	502750	6991200	E5670435	19-Jun-17		30-40	B/C	20-25	Ash (salt & pepper)	15	5	25	25	10	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R01E0800	502800	6991200	E5670434	19-Jun-17		30-40	C	20-25	Light brown	0	15	35	25	15	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R01E0850	502850	6991200	E5670433	19-Jun-17		30-40	B	20-25	Ash (salt & pepper)	5	5	20	25	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R01E0900	502900	6991200	E5670432	19-Jun-17		30-40	B	20-25	Light brown	15	5	10	25	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R01E0950	502950	6991200	E5670431	19-Jun-17		30-40	A/B	20-25	Dark brown	30	5	5	10	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R01E1000	503000	6991200	E5670430	19-Jun-17		30-40	A/B	25-30	Dark brown	5	10	35	30	10	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R01E1050	503050	6991200	E5670429	19-Jun-17		10-20	A/B	5-10	Dark brown	15	20	10	15	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R01E1150	503150	6991200	E5670428	19-Jun-17		30-40	A/B	20-25	Dark grey	15	10	10	25	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R01E1200	503200	6991200	E5670427	19-Jun-17		40-50	A/B	20-25	Dark grey	10	10	10	20	10	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R01E1250	503250	6991200	E5670426	19-Jun-17		40-50	B	30 up	Dark grey	10	0	20	20	10	40	Weathered bedrock	Wet	Buck Brush	Mid slope
R01E1300	503300	6991200	E5670425	19-Jun-17		0-10	A/B	5-10	Light brown	25	0	10	25	10	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R01E1350	503350	6991200	E5670424	19-Jun-17		10-20	A/B	5-10	Light brown	25	20	10	30	10	5	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R02E0200	502200	6991300	E5670447	19-Jun-17		10-20	A/B	5-10	Light brown	20	20	35	30	5	0	Weathered bedrock	Moist	Buck Brush	Bench
R02E0250	502250	6991300	E5670446	19-Jun-17		40-50	B/C	30 up	Light brown	5	15	15	20	25	20	Weathered bedrock	Moist	Buck Brush	Bench

R02E0300	502300	6991300	E5670448	19-Jun-17		40-50	C	30 up	Dark grey	5	10	20	20	10	35	Weathered bedrock	Moist	Buck Brush	Bench
R02E0350	502350	6991300	E5670331	20-Jun-17		40-50	A/B	20-25	Dark brown	15	0	25	10	15	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E0400	502400	6991300	E5670454	20-Jun-17		20-30	B	10-15	Light brown	10	15	25	20	15	15	Weathered bedrock	Moist	Buck Brush	Bench
R02E0450	502450	6991300	E5670330	20-Jun-17		50-60	B	30 up	Light brown	0	15	25	5	15	40	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E0500	502500	6991300	E5670453	20-Jun-17		20-30	B	20-25	Light brown	10	10	10	15	20	45	Weathered bedrock	Moist	Buck Brush	Bench
R02E0550	502550	6991300	E5670329	20-Jun-17		50-60	B	15-20	Light brown	0	25	2	15	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E0600	502600	6991300	E5670452	20-Jun-17		30-40	B	20-25	Dark grey	5	5	15	20	15	40	Weathered bedrock	Moist	Buck Brush	Bench
R02E0650	502650	6991300	E5670328	20-Jun-17		50-60	B	15-20	Dark brown	15	0	10	20	20	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E0700	502700	6991300	E5670451	20-Jun-17		0-10	A	5-10	Dark brown	30	5	15	15	15	20	Weathered bedrock	Moist	Buck Brush	Bench
R02E0750	502750	6991300	E5670327	20-Jun-17		40-50	A/B	30 up	Dark brown	15	0	20	5	25	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E0800	502800	6991300	E5670450	20-Jun-17		20-30	A/B	15-20	Olive grey	5	5	15	25	20	30	Weathered bedrock	Moist	Buck Brush	Bench
R02E0850	502850	6991300	E5670326	20-Jun-17		30-40	A/B	15-20	Light brown	25	5	0	10	20	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E0900	502900	6991300	E5670325	20-Jun-17		30-40	A/B	15-20	Dark grey	15	0	5	15	20	45	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E0950	502950	6991300	E5670449	20-Jun-17		20-30	A/B	10-15	Light brown	15	15	20	20	5	25	Weathered bedrock	Moist	Buck Brush	Bench
R02E1000	503000	6991300	E5670423	18-Jun-17		40-50	B	30 up	Dark grey	20	5	10	15	15	35	Weathered bedrock		Buck Brush	Mid slope
R02E1050	503050	6991300	E5670298	18-Jun-17		30-40	A/B	15-20	Dark brown	2	0	0	20	15	40	Loess - Organic rich	Moist	Buck Brush	Mid slope
R02E1100	503100	6991300	E5670422	18-Jun-17		20-30	A/B	10-15	Dark brown	20	10	15	20	10	25	Weathered bedrock	Dry	Buck Brush	Mid slope
R02E1150	503150	6991300	E5670297	18-Jun-17		20-30	A/B	10-15	Dark grey	20	0	0	20	10	50	Loess - Organic rich	Wet	Buck Brush	Mid slope
R02E1200	503200	6991300	E5670421	18-Jun-17		20-30	A/B	15-20	Dark grey	10	5	15	25	10	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E1250	503250	6991300	E5670296	18-Jun-17		30-40	A/B	15-20	Dark brown	50	5	10	15	10	20	Loess - Organic rich	Wet	Buck Brush	Mid slope
R02E1300	503300	6991300	90113	07-Jul-17		10-20	A/B	2-5	Light grey	20	0	20	0	0	60	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E1350	503350	6991300	90112	07-Jul-17		20-30	B	5-10	Dark grey	15	0	15	0	40	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E1400	503400	6991300	90113	07-Jul-17		20-30	A/B	5-10	Dark grey	30	0	15	15	20	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E1450	503450	6991300	90110	07-Jul-17	Permafrost	20-30	A/B	5-10	Dark brown	30	0	0	10	40	20	Weathered bedrock	Frozen	Buck Brush	Mid slope
R02E1500	503500	6991300	90109	07-Jul-17		10-20	A/B	5-10	Dark brown	40	0	10	15	15	20	Weathered bedrock	Dry	Buck Brush	Mid slope
R02E1550	503550	6991300	90108	07-Jul-17		10-20	B	5-10	Light brown	15	0	10	15	40	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E1600	503600	6991300	90107	07-Jul-17		>80	B/C	30 up	Light grey	0	0	40	0	30	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E1650	503650	6991300	90106	07-Jul-17		30-40	B	15-20	Dark brown	15	0	25	0	30	30	Weathered bedrock	Dry	Buck Brush	Mid slope
R02E1700	503700	6991300	90105	07-Jul-17		20-30	A/B	5-10	Dark brown	30	0	10	10	10	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R02E1750	503750	6991300	90104	07-Jul-17	Permafrost	20-30	B	15-20	Light brown	10	0	15	0	25	50	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E1800	503800	6991300	90103	07-Jul-17	Permafrost	10-20	A	2-5	Black	80	0	0	0	20	0	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R02E1850	503850	6991300	90079	07-Jul-17	Permafrost	0-10	A	2-5	Black	90	0	0	0	10	0	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R02E1900	503900	6991300	90080	07-Jul-17		10-20	A/B	10-15	Dark grey	40	0	10	0	40	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E1950	503950	6991300	90081	07-Jul-17		30-40	B/C	20-25	Dark grey	10	0	35	15	15	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R02E2000	504000	6991300	90082	07-Jul-17		20-30	B	15-20	Dark grey	20	0	25	0	40	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E0150	502150	6991400	E5671015	15-Jun-17		30-40	B/C	2-5	Dark grey	10	10	20	10	25	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R03E0200	502200	6991400	E5671016	15-Jun-17		30-40	B/C	2-5	Light brown	5	15	20	20	15	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R03E0250	502247	6991391	E5671017	15-Jun-17		20-30	B/C	2-5	Light brown	10	5	5	10	35	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E0300	502300	6991400	E5671018	15-Jun-17		30-40	C	5-10	Light brown	5	15	10	15	30	25	Weathered bedrock	Saturated	Buck Brush	Mid slope
R03E0350	502350	6991400	E5671019	15-Jun-17		20-30	B/C	2-5	Light brown	10	10	15	10	40	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E0400	502400	6991400	E5671020	15-Jun-17		20-30	B/C	2-5	Light grey	5	15	15	10	15	40	Weathered bedrock	Saturated	Buck Brush	Mid slope
R03E0450	502450	6991400	E5671021	15-Jun-17		30-40	B/C	2-5	Dark brown	5	20	20	30	10	5	Weathered bedrock	Partially Frozen	Buck Brush	Bench
R03E0500	502500	6991400	E5671022	15-Jun-17		30-40	C	15-20	Light brown	0	5	15	30	40	10	Weathered bedrock	Moist	Buck Brush	Bench
R03E0600	502600	6991400	E5671023	15-Jun-17		20-30	C	20-25	Light brown	0	15	15	20	30	10	Weathered bedrock	Moist	Buck Brush	Bench
R03E0650	502650	6991400	E5671024	15-Jun-17		20-30	C	15-20	Light brown	0	20	20	10	40	10	Weathered bedrock	Dry	Buck Brush	Bench
R03E0700	502700	6991400	E5671025	15-Jun-17		10-20	C	5-10	Light brown	5	20	20	10	35	10	Weathered bedrock	Dry	Buck Brush	Bench
R03E0750	502750	6991400	E5671026	15-Jun-17		0-10	C	5-10	Light brown	5	20	20	10	35	10	Weathered bedrock	Dry	Buck Brush	Bench
R03E0800	502800	6991400	E5671027	15-Jun-17		10-20	B/C	5-10	Light brown	5	10	30	15	25	15	Weathered bedrock	Moist	Buck Brush	Bench
R03E0850	502850	6991400	E5671028	15-Jun-17		0-10	B/C	5-10	Dark brown	10	20	15	35	10	10	Weathered bedrock	Moist	Buck Brush	Bench
R03E0900	502900	6991400	E5671029	15-Jun-17		30-40	B/C	5-10	Light brown	10	12	20	30	15	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E0950	502950	6991400	E5671030	15-Jun-17		10-20	B/C	2-5	Light brown	5	10	20	30	15	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E1000	503000	6991400	E5671031	15-Jun-17		10-20	B/C	5-10	Dark brown	5	15	15	25	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E1200	503200	6991400	E5671032	15-Jun-17		20-30	B/C	2-5	Light brown	10	10	15	30	30	5	Weathered bedrock	Wet	Buck Brush	Mid slope
R03E1250	503250	6991400	E5671033	15-Jun-17		30-40	A/B	15-20	Dark brown	20	10	0	0	35	35	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R03E1300	503300	6991400	E5671034	15-Jun-17		20-30	B/C	15-20	Light grey	10	25	10	25	20	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E1350	503350	6991400	E5670366	15-Jun-17		20-30	B	5-10	Light brown	5	15	40	25	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R03E1600	503600	6991400	E5670365	15-Jun-17		40-50	A/B	20-25	Light brown	20	20	30	15	10	5	Weathered bedrock	Saturated	Buck Brush	Mid slope
R03E1750	503750	6991400	E5670364	15-Jun-17		20-30	B	5-10	Light brown	5	0	20	15	15	45	Weathered bedrock	Saturated	Alpine	Mid slope
R03E1800	503800	6991400	E5670363	15-Jun-17		30-40	A	15-20	Black	50	0	0	0	0	50	Weathered bedrock	Frozen	Alpine	Mid slope
R04E0150	502150	6991500	E5670381	16-Jun-17		30-40	A/B	25-30	Dark brown	5	0	0	15	25	55	Weathered bedrock	Moist	Buck Brush	Bench
R04E0200	502200	6991500	E5670380	16-Jun-17		10-20	A/B	15-20	Dark grey	15	15	20	5	10	30	Weathered bedrock	Wet	Buck Brush	Bench
R04E0250	502250	6991500	E5670379	16-Jun-17		20-30	A/B	15-20	Dark grey	5	10	15	25	20	25	Weathered bedrock	Wet	Buck Brush	Bench
R04E0300	502300	6991500	E5670378	16-Jun-17		20-30	A/B	20-25	Dark grey	5	10	15	20	0	50	Weathered bedrock	Moist	Buck Brush	Bench
R04E0350	502350	6991500	E5670377	16-Jun-17		30-40	A/B	25-30	Light brown	0	5	10	30	15	40	Weathered bedrock	Moist	Buck Brush	Bench
R04E0400	502400	6991500	E5670376	16-Jun-17		20-30	A/B	25-30	Light brown	15	25	20	10	15	15	Weathered bedrock	Moist	Buck Brush	Bench
R04E0500	502500	6991500	E5670375	16-Jun-17		20-30	A/B	5-10	Light brown	5	10	15	25	5	40	Weathered bedrock	Moist	Buck Brush	Mid slope

R04E0550	502550	6991500	E5670374	16-Jun-17		30-40	A/B	15-20	Light brown	15	15	50	15	0	5	Weathered bedrock	Moist	Buck Brush	Bench
R04E0650	502650	6991500	E5670373	16-Jun-17		30-40	A/B	15-20	Light brown	10	0	15	5	10	60	Weathered bedrock	Wet	Buck Brush	Bench
R04E0850	502850	6991500	E5670371	16-Jun-17		0-10	B	5-10	Light brown	10	0	10	5	5	10	Weathered bedrock	Wet	Buck Brush	Bench
R04E0900	502900	6991500	E5670372	16-Jun-17		0-10	A/B	5-10	Light grey	15	0	15	5	5	60	Weathered bedrock	Wet	Buck Brush	Bench
R04E0950	502950	6991500	E5670373	16-Jun-17		10-20	B	15-20	Light brown	10	15	15	5	5	50	Weathered bedrock	Wet	Buck Brush	Bench
R04E1000	503000	6991500	E5670369	15-Jun-17		30-40	B	10-15	Light brown	5	0	15	5	15	60	Weathered bedrock	Dry	Buck Brush	Bench
R04E1050	503050	6991500	E5670368	15-Jun-17		20-30	B/C	5-10	Light brown	10	20	30	10	0	30	Weathered bedrock	Moist	Buck Brush	Bench
R04E1100	503100	6991500	E5670367	15-Jun-17		40-50	B/C	20-25	Light brown	0	20	60	10	5	5	Weathered bedrock	Moist	Buck Brush	Valley bottom
R04E1150	503150	6991500	E5670360	15-Jun-17		10-20	B/C	<1	Dark grey	5	10	20	15	0	50	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E1200	503200	6991500	E5670361	15-Jun-17		40-50	B/C	15-20	Dark brown	15	0	5	15	40	25	Weathered bedrock	Saturated	Buck Brush	Mid slope
R04E1250	503250	6991500	90043	2017-07-07		10-20	A/B	2-5	Dark brown	30	0	0	10	30	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1300	503300	6991500	90044	2017-07-07		30-40	A/B	2-5	Dark brown	30	0	0	10	30	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1350	503350	6991500	90045	2017-07-07		30-40	B/C	5-10	Dark brown	10	0	0	25	40	25	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1400	503400	6991500	90046	2017-07-07		30-40	A/B	5-10	Dark brown	30	0	0	20	25	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R04E1450	503450	6991500	90047	2017-07-07		30-40	A/B	5-10	Dark brown	20	0	0	20	30	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1500	503500	6991500	90048	2017-07-07		20-30	B/C	5-10	Dark brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1550	503550	6991500	E5670362	15-Jun-17		40-50	B/C	10-15	Dark grey	10	20	35	15	0	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E1550	503550	6991500	90049	2017-07-07		20-30	B/C	5-10	Light brown	20	0	0	50	20	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R04E1600	503600	6991500	90050	2017-07-07		30-40	B/C	10-15	Light brown	10	0	20	40	20	10	Weathered bedrock	Saturated	Buck Brush	Mid slope
R04E1650	503650	6991500	90051	2017-07-07		30-40	B/C	10-15	Light brown	10	0	0	20	45	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E1700	503700	6991500	90052	2017-07-07		40-50	B/C	15-20	Light brown	20	0	0	10	35	35	Weathered bedrock	Saturated	Buck Brush	Mid slope
R04E1750	503750	6991500	90053	2017-07-07		20-30	B/C	5-10	Light brown	10	0	0	40	30	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R04E1800	503800	6991500	90054	2017-07-07		20-30	B/C	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1850	503850	6991500	90055	2017-07-07		20-30	B/C	10-15	Light brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1900	503900	6991500	90056	2017-07-07		20-30	A/B	5-10	Dark brown	40	0	0	10	25	25	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R04E1950	503950	6991500	90057	2017-07-07		30-40	B/C	10-15	Dark brown	20	0	0	10	35	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E2000	504000	6991500	90058	2017-07-07		40-50	B/C	15-20	Dark brown	10	0	0	35	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E2000	504000	6991500	90059	2017-07-07		40-50	B/C	15-20	Dark brown	10	0	0	35	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R04E2050	504050	6991500	90060	2017-07-07		20-30	A/B	10-15	Dark brown	10	0	10	20	30	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R04E2100	504100	6991500	90162	2017-07-07		50-60	B	30 up	Light brown	15	0	15	25	15	30	Weathered bedrock	Moist	Buck Brush	Ridge top
R04E2150	504150	6991500	90161	2017-07-07		50-60	B/C	30 up	Light brown	0	15	20	25	15	25	Weathered bedrock	Moist	Buck Brush	Ridge top
R04E2200	504200	6991500	90160	2017-07-07		50-60	B	30 up	Dark brown	0	10	15	25	20	30	Weathered bedrock	Moist	Buck Brush	Ridge top
			90159	2017-07-07															
R04E2250	504250	6991500	90158	2017-07-07		40-50	C	30 up	Light brown	0	20	20	25	15	20	Weathered bedrock	Moist	Buck Brush	Ridge top
R04E2300	504300	6991500	90157	2017-07-07		50-60	B/C	30 up	Dark brown	0	10	20	25	20	25	Weathered bedrock	Moist	Buck Brush	Ridge top
R05E0150	502150	6991600	E5670295	18-Jun-17		10-20	A/B	10-15	Dark brown	20	0	5	15	20	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R05E0200	502200	6991600	E5670420	18-Jun-17		20-30	A/B	10-15	Light brown	20	0	10	20	10	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0250	502250	6991600	E5670294	18-Jun-17		30-40	A/B	15-20	Light brown	20	0	5	15	25	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R05E0300	502300	6991600	E5670419	18-Jun-17		30-40	A/B	20-25	Light brown	35	5	5	5	10	40	Weathered bedrock	Moist	Buck Brush	Bench
R05E0350	502350	6991600	E5670293	18-Jun-17		20-30	A/B	10-15	Dark brown	10	25	30	15	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0450	502450	6991600	E5670292	18-Jun-17		20-30	A/B	10-15	Light brown	5	5	20	15	25	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0500	502500	6991600	E5670417	18-Jun-17		20-30	B	10-15	Light brown	10	5	15	35	15	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0550	502550	6991600	E5670291	18-Jun-17		30-40	A/B	10-15	Light brown	15	5	25	15	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0600	502600	6991600	E5670416	18-Jun-17		20-30	A	10-15	Black	40	0	0	30	0	30	Fluvial - Stream/River	Frozen	Marsh	Mid slope
R05E0650	502650	6991600	E5670390	16-Jun-17		20-30	A/B	15-20	Light grey	10	20	40	10	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E0700	502700	6991600	E5670389	16-Jun-17		10-20	A/B	10-15	Dark brown	5	10	35	20	15	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R05E0750	502750	6991600	E5670388	16-Jun-17		10-20	A/B	15-20	Light brown	5	5	35	25	10	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R05E0850	502850	6991600	E5670387	16-Jun-17		10-20	A/B	10-15	Light brown	15	0	10	25	20	30	Weathered bedrock	Moist	Buck Brush	Bench
R05E0900	502900	6991600	E5670386	16-Jun-17		20-30	A/B	20-25	Yellowish orange	5	10	20	15	10	40	Weathered bedrock	Moist	Buck Brush	Bench
R05E0950	502950	6991600	E5670385	16-Jun-17		10-20	A/B	2-5	Light brown	25	5	5	40	15	10	Weathered bedrock	Moist	Buck Brush	Bench
R05E1000	503000	6991600	E5670384	16-Jun-17		40-50	A/B	30 up	Dark grey	5	10	25	15	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E1050	503050	6991600	E5670383	16-Jun-17		30-40	A/B	25-30	Light brown	5	20	40	25	10	15	Weathered bedrock	Moist	Buck Brush	Bench
R05E1100	503100	6991600	E5670382	16-Jun-17		30-40	A/B	30 up	Dark grey	0	20	45	20	15	0	Weathered bedrock	Moist	Buck Brush	Mid slope
			E5670290	18-Jun-17		0-10	C	5-10	Dark grey	0	40	45	10	5	0	Weathered bedrock	Moist	Buck Brush	Valley bottom
R05E1150	503150	6991600	E5670415	18-Jun-17		10-20	B	5-10	Ash (salt & pepper)	0	10	20	40	10	20	Weathered bedrock	Dry	Buck Brush	Mid slope
R05E1200	503200	6991600	E5670414	18-Jun-17		40-50	C	25-30	Light brown	0	25	30	15	15	15	Weathered bedrock	Dry	Buck Brush	Mid slope
R05E1250	503250	6991600	1173927	24-Jun-17		10-20	A	2-5	Dark brown	40	0	10	20	10	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R05E1300	503300	6991600	E5672533	24-Jun-17		20-30	A	20-25	Dark brown	35	0	0	15	20	30	Loess - Organic rich	Saturated	Buck Brush	Mid slope
R05E1400	503400	6991600	E5672534	24-Jun-17		30-40	A/B	20-25	Dark brown	25	10	15	25	5	20	Loess - Organic rich	Wet	Buck Brush	Mid slope
			E5672535	24-Jun-17															
R05E1500	503500	6991600	E5672536	24-Jun-17		40-50	A/B	25-30	Dark brown	25	0	0	25	15	35	Loess - Organic rich	Wet	Buck Brush	Mid Slope
R05E1550	503550	6991600	1173928	24-Jun-17		20-30	B	10-15	Light brown	10	10	20	25	10	25	Weathered bedrock	Saturated	Buck Brush	Mid Slope
R05E1600	503600	6991600	E5672537	24-Jun-17		30-40	A/B	25-30	Dark brown	0	25	30	20	15	10	Weathered bedrock	Wet	Buck Brush	Mid Slope
R05E1650	503650	6991600	1173929	24-Jun-17		20-30	B	10-15	Dark grey	0	5	20	25	20	30	Weathered bedrock	Saturated	Alpine	Mid Slope
R05E1700	503700	6991600	E5672538	24-Jun-17		30-40	A	25-30	Dark brown	35	0	0	15	20	30	Loess - Organic rich	Partially Frozen	Buck Brush	Mid Slope
R05E1750	503750	6991600	1173930	24-Jun-17		0-10	A	2-5	Dark brown	35	0	10	20	15	20	Weathered bedrock	Dry	Alpine	Mid Slope

R05E1800	503800	6991600	E5672539	24-Jun-17		40-50	A/B	30 up	Dark brown	15	10	20	15	15	25	Weathered bedrock	Moist	Buck Brush	Mid Slope
R05E1850	503850	6991600	1173931	24-Jun-17		10-20	A	10-15	Dark brown	15	10	20	20	10	15	Talus	Dry	Alpine	Mid Slope
R05E1900	503900	6991600	E5672540	24-Jun-17		20-30	A/B	25-30	Light brown	15	10	20	10	10	35	Weathered bedrock	Moist	Buck Brush	Mid Slope
R05E1950	503950	6991600	1173932	24-Jun-17		0-10	A	2-5	Dark brown	40	5	10	20	15	10	Talus	Dry	Alpine	Ridge Top
R05E2000	504000	6991600	E5672541	24-Jun-17		20-30	A/B	20-25	Dark brown	10	15	20	20	15	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R05E2050	504050	6991600	22772	07-Jul-17		30-40	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Buck Brush	Ridge Top
R05E2100	504100	6991600	22773	07-Jul-17		60-70	B	30 up	Dark brown	20	0	10	20	15	35	Loess - Organic rich	Moist	Buck Brush	Ridge Top
			22774	07-Jul-17															
R05E2150	504150	6991600	22775	07-Jul-17		50-60	C	30 up	Light brown	0	10	30	25	15	20	Weathered bedrock	Moist	Buck Brush	Ridge top
R05E2200	504200	6991600	1549600	07-Jul-17		50-60	B	30 up	Light brown	15	0	20	20	15	30	Weathered bedrock	Moist	Buck Brush	Ridge top
R05E2250	504250	6991600	90155	07-Jul-17		50-60	B/C	30 up	Light brown	0	10	30	25	15	20	Weathered bedrock	Moist	Buck Brush	Ridge top
R05E2300	504300	6991600	90156	07-Jul-17		40-50	C	30 up	Dark brown	0	20	25	20	15	20	Weathered bedrock	Moist	Buck Brush	Ridge top
R06E1100	503100	6991700	E5670285	18-Jun-17		30-40	B	15-20	Light brown	0	25	40	20	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1150	503150	6991700	E5670286	18-Jun-17		30-40	B	10-15	Light brown	0	25	45	15	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1200	503200	6991700	E5670287	18-Jun-17		30-40	B	15-20	Dark brown	0	25	45	15	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1250	503250	6991700	E5670288	18-Jun-17		30-40	B	15-20	Dark brown	0	25	45	10	10	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E1300	503300	6991700	1173996	05-Jul-17		40-50	B/C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E1350	503350	6991700	1173997	05-Jul-17		60-70	C	30 up	Dark brown	0	25	30	25	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1400	503400	6991700	1173998	05-Jul-17		40-50	C	30 up	Dark brown	10	15	20	30	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1450	503450	6991700	1173999	05-Jul-17		50-60	C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E1500	503500	6991700	1174000	05-Jul-17		40-50	C	30 up	Dark grey	15	10	20	25	10	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E1550	503550	6991700	581121	05-Jul-17		50-60	B/C	30 up	Dark brown	30	0	10	20	15	25	Loess - Organic rich	Moist	buck Brush	Mid slope
R06E1600	503600	6991700	581122	05-Jul-17		50-60	B/C	30 up	Dark brown	30	0	10	20	15	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1650	503650	6991700	581123	05-Jul-17		50-60	B/C	30 up	Dark brown	25	0	10	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1700	503700	6991700	581124	05-Jul-17		30-40	B	30 up	Dark brown	35	0	0	20	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R06E1750	503750	6991700	581125	05-Jul-17		30-40	A/B	30 up	Dark brown	35	0	10	15	15	25	Loess - Organic rich	Wet	Buck Brush	Mid slope
R06E1800	503800	6991700	581126	05-Jul-17		40-50	A/B	30 up	Dark brown	25	0	10	20	15	30	Loess - Organic rich	Moist	Buck Brush	Mid slope
R06E2050	504076	6991712	90146	07-Jul-17		10-20	B/C	5-10	Dark brown	5	5	25	15	35	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E2100	504100	6991700	90145	07-Jul-17		20-30	B/C	5-10	Light brown	5	5	30	15	25	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E2150	504150	6991700	90144	07-Jul-17		20-30	B/C	5-10	Light brown	5	5	30	10	30	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E2200	504200	6991700	90143	07-Jul-17		10-20	B/C	2-5	Light brown	0	5	30	15	30	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E2250	504250	6991700	90078	07-Jul-17		10-20	B/C	2-5	Light brown	0	0	30	20	30	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R06E2300	504300	6991700	90077	07-Jul-17		0-10	A	<1	Dark brown	40	0	0	10	30	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R07E1100	503100	6991800	E5670410	18-Jun-17		>80	C	30 up	Light brown	0	0	50	50	0	0	Fluvial - Stream/River	Moist	Buck Brush	Mid slope
R07E1150	503150	6991800	E5670411	18-Jun-17		>80	C	30 up	Light brown	0	15	30	55	0	0	Weathered bedrock	Dry	Buck Brush	Mid slope
R07E1200	503200	6991800	E5670412	18-Jun-17		>80	C	30 up	Light brown	0	15	30	50	5	0	Till	Dry	Buck Brush	Mid slope
R07E1250	503250	6991800	E5670413	18-Jun-17		20-30	C	20-25	Ash (salt & pepper)	0	5	35	45	10	5	Fluvial - Stream/River	Moist	Buck Brush	Valley bottom
R07E1300	503300	6991800	E5670289	18-Jun-17		20-30	B	10-15	Dark brown	0	15	25	30	25	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R07E1400	503400	6991800	E5672548	24-Jun-17		20-30	A/B	25-30	Dark brown	0	15	30	10	15	30	Weathered bedrock	Wet	Buck Brush	Mid Slope
R07E1450	503450	6991800	1173937	24-Jun-17		10-20	A/B	5-10	Dark brown	15	10	10	25	10	30	Weathered bedrock	Partially frozen	Buck Brush	Mid Slope
R07E1500	503500	6991800	E5672547	24-Jun-17		30-40	A/B	25-30	Dark brown	0	20	25	15	10	30	Weathered bedrock	Wet	Buck Brush	Mid Slope
R07E1550	503550	6991800	1173936	24-Jun-17		10-20	A/B	5-10	Ash (salt & pepper)	15	10	10	25	20	30	Weathered bedrock	Moist	Buck Brush	Mid Slope
R07E1600	503600	6991800	E5672546	24-Jun-17		30-40	A/B	30 up	Dark brown	35	0	0	10	25	30	Loess - Organic rich	Moist	Buck Brush	Mid Slope
R07E1650	503650	6991800	1173935	24-Jun-17		10-20	A/B	5-10	Dark brown	20	5	15	25	15	20	Talus	Moist	Buck Brush	Mid Slope
R07E1700	503700	6991800	E5672545	24-Jun-17		40-50	A/B	30 up	Dark brown	20	0	0	20	25	35	Loess - Organic rich	Moist	Buck Brush	Mid Slope
R07E1800	503800	6991800	E5672544	24-Jun-17		>80	A/B	30 up	Dark brown	20	0	0	10	25	35	Loess - Organic rich	Moist	Buck Brush	Mid Slope
R07E1850	503850	6991800	1173934	24-Jun-17		0-10	A	2-5	Dark brown	30	5	15	25	5	20	Talus	Saturated	Alpine	Ridge Top
R07E1900	503900	6991800	E5672542	24-Jun-17		30-40	B	30 up	Dark brown	0	25	30	20	15	25	Weathered bedrock	Moist	Buck Brush	Mid Slope
			E5672543	24-Jun-17															
R07E2050	504050	6991800	90070	07-Jul-17		30-40	B/C	15-20	Light brown	0	5	25	20	30	20	Weathered bedrock	Moist	Alpine	Ridge top
			90071	07-Jul-17															
R07E2100	504100	6991800	90072	07-Jul-17		20-30	B	5-10	Light brown	5	5	20	15	35	20	Weathered bedrock	Moist	Alpine	Ridge top
R07E2150	504150	6991800	90073	07-Jul-17		20-30	B/C	10-15	Dark grey	0	5	15	10	40	30	Weathered bedrock	Moist	Alpine	Ridge top
R07E2200	504228	6991808	90074	07-Jul-17		10-20	B/C	2-5	Dark grey	5	5	15	10	35	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R07E2250	504250	6991800	90075	07-Jul-17		20-30	B/C	5-10	Dark brown	5	0	20	15	35	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R07E2300	504300	6991800	90076	07-Jul-17		10-20	B	5-10	Light brown	5	5	25	15	30	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R08E0100	502100	6991900	E5670404	17-Jun-17		50-60	C	30 up	Light brown	0	5	35	40	10	10	Weathered bedrock	Dry	Deciduous Forest	Bench
R08E0150	502150	6991900	E5670403	17-Jun-17		10-20	A/B	5-10	Dark brown	25	5	15	25	5	25	Weathered bedrock	Dry	Buck Brush	Bench
R08E0200	502200	6991900	E5670402	17-Jun-17		>80	C	30 up	Light brown	0	0	40	50	10	0	Weathered bedrock	Dry	Buck Brush	Bench
R08E0250	502250	6991900	E5670401	17-Jun-17		40-50	C	30 up	Dark brown	0	15	30	30	15	10	Weathered bedrock	Dry	Buck Brush	Bench
R08E0300	502300	6991900	E5670400	17-Jun-17		20-30	B	15-20	Light brown	10	20	40	15	10	5	Weathered bedrock	Dry	Buck Brush	Bench
R08E0350	502350	6991900	E5670399	17-Jun-17		20-30	B	10-15	Light brown	10	10	20	30	10	20	Weathered bedrock	Moist	Buck Brush	Bench
R08E0400	502400	6991900	E5670398	17-Jun-17		10-20	B	10-15	Light brown	0	10	30	20	10	30	Weathered bedrock	Moist	Buck Brush	Bench
R08E0450	502450	6991900	E5670397	17-Jun-17		70-80	B/C	30 up	Light brown	0	5	10	40	5	40	Weathered bedrock	Moist	Buck Brush	Bench
R08E0500	502500	6991900	E5670396	17-Jun-17		30-40	B	25-30	Light brown	0	15	60	25	0	0	Fluvial - Stream/River	Dry	Buck Brush	Valley bottom
R08E0600	502600	6991900	E5670395	17-Jun-17		20-30	B	15-20	Dark grey	15	0	10	30	15	30	Weathered bedrock	Moist	Buck Brush	Bench

R08E0700	502700	6991900	E5670394	17-Jun-17		20-30	B	15-20	Light brown	15	0	5	10	10	60	Weathered bedrock	Moist	Buck Brush	Bench
R08E0750	502750	6991900	E5670393	17-Jun-17		20-30	A/B	10-15	Dark grey	15	5	10	5	5	60	Weathered bedrock	Moist	Buck Brush	Bench
R08E0850	502850	6991900	E5670392	17-Jun-17		20-30	B	15-20	Dark grey	0	0	5	15	20	60	Weathered bedrock	Moist	Buck Brush	Bench
R08E0900	502900	6991900	E5670391	17-Jun-17		30-40	B	20-25	Greenish grey	10	0	10	25	5	50	Weathered bedrock	Moist	Buck Brush	Bench
R08E1000	503000	6991900	E5672411	17-Jun-17		10-20	C	5-10	Light brown	0	10	20	50	10	10	Weathered bedrock	Dry	Buck Brush	Mid slope
R08E1050	503050	6991900	E5670409	17-Jun-17		>80	C	30 up	Light brown	0	0	50	50	0	0	Fluvial - Stream/River	Dry	Buck Brush	Mid slope
R08E1100	503100	6991900	E5670408	17-Jun-17		0-10	C	<1	Light brown	0	0	50	50	0	0	Fluvial - Stream/River	Saturated	Buck Brush	Valley bottom
R08E1150	503150	6991900	E5670407	17-Jun-17		>80	C	30 up	Light brown	0	0	20	80	0	0	Fluvial - Stream/River	Dry	Buck Brush	Mid slope
R08E1200	503200	6991900	E5670406	17-Jun-17		>80	C	30 up	Ash (salt & pepper)	0	10	40	30	20	0	Fluvial - Stream/River	Moist	Buck Brush	Mid slope
R08E1250	503250	6991900	E5670405	17-Jun-17		10-20	A/B	5-10	Black	30	5	15	20	5	25	Weathered bedrock	Dry	Deciduous Forest	Bench
R08E1300	503300	6991900	22820	05-Jul-17		10-20	A	5-10	Dark brown	70	0	0	20	10	0	Weathered bedrock	Moist	Buck Brush	Mid slope
R08E1350	503350	6991900	22821	05-Jul-17		10-20	A/B	2-5	Dark grey	40	0	10	0	10	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R08E1450	503450	6991900	22822	05-Jul-17		20-30	A	5-10	Black	80	0	0	0	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R08E1500	503500	6991900	22823	05-Jul-17	perma frost	0-10	A	2-5	Black	80	0	0	0	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R08E1600	503600	6991900	22824	05-Jul-17		20-30	B	5-10	Dark grey	20	0	15	0	60	15	Weathered bedrock	Moist	Buck Brush	Mid Slope
R08E1650	503650	6991900	22825	05-Jul-17		10-20	A/B	5-10	Dark brown	40	0	10	0	25	25	Weathered bedrock	Moist	Buck Brush	Mid Slope
R08E1700	503700	6991900	22730	05-Jul-17		10-20	A	5-10	Dark brown	80	0	0	0	10	10	Weathered bedrock	Moist	Buck Brush	Mid Slope
R08E1750	503750	6991900	22731	05-Jul-17		10-20	A	2-5	Light brown	40	0	10	0	40	10	Weathered bedrock	Dry	Buck Brush	Mid Slope
R08E2000	504000	6991900	90035	2017-07-06		20-30	B/C	5-10	Light brown	10	0	0	30	30	30	Weathered bedrock	Dry	Alpine	Ridge top
R08E2050	504050	6991900	90036	2017-07-06		10-20	B/C	2-5	Light brown	10	0	0	20	40	30	Weathered bedrock	Dry	Alpine	Ridge top
R08E2100	504100	6991900	90037	2017-07-06		10-20	B/C	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Moist	Alpine	Ridge top
R08E2150	504150	6991900	90038	2017-07-06		10-20	B/C	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Moist	Alpine	Ridge top
R08E2200	504200	6991900	90039	2017-07-06		10-20	A/B	2-5	Dark brown	20	0	0	10	45	25	Weathered bedrock	Moist	Alpine	Ridge top
R08E2250	504250	6991900	90040	2017-07-06		20-30	B/C	5-10	Light brown	20	0	0	20	40	20	Weathered bedrock	Moist	Alpine	Ridge top
R08E2300	504300	6991900	90041	2017-07-06		10-20	B/C	2-5	Yellowish orange	10	0	0	30	30	30	Weathered bedrock	Moist	Alpine	Ridge top
R09E0100	502100	6992000	E5670280	17-Jun-17		10-20	B	5-10	Light brown	5	20	35	15	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0150	502150	6992000	E5670279	17-Jun-17		30-40	B	10-15	Light brown	10	15	25	35	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0200	502200	6992000	E5670278	17-Jun-17		10-20	B	10-15	Light brown	5	10	35	20	10	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E0250	502250	6992000	E5670277	17-Jun-17		20-30	B	10-15	Light brown	5	20	30	25	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0300	502300	6992000	E5670276	17-Jun-17		20-30	B	15-20	Light brown	5	25	30	2	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0350	502350	6992000	E5670275	17-Jun-17		20-30	B	10-15	Light brown	10	25	30	20	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0400	502400	6992000	E5670274	17-Jun-17		20-30	B	15-20	Dark brown	5	25	35	15	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0450	502450	6992000	E5670273	17-Jun-17		20-30	B	10-15	Light brown	5	20	30	25	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0500	502500	6992000	E5670272	17-Jun-17		40-50	B	15-20	Dark brown	5	20	35	25	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0550	502550	6992000	E5670271	17-Jun-17		20-30	B	15-20	Dark grey	5	25	40	15	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0600	502600	6992000	E5670270	17-Jun-17		30-40	B	20-25	Dark brown	5	15	35	25	15	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0650	502650	6992000	E5670269	17-Jun-17		20-30	B	15-20	Dark grey	5	25	35	20	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E0700	502700	6992000	E5670268	17-Jun-17		20-30	A/B	20-25	Dark brown	5	10	25	25	20	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E0750	502750	6992000	E5670267	17-Jun-17		10-20	B/C	10-15	Dark grey	0	15	45	25	15	0	Fluvial - Stream/River	Saturated	Buck Brush	Mid slope
R09E0800	502800	6992000	E5670266	17-Jun-17		10-20	B/C	10-15	Dark grey	25	10	5	10	15	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R09E0850	502850	6992000	E5670265	17-Jun-17		20-30	A/B	25-30	Dark brown	10	0	5	15	20	50	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E0900	502900	6992000	E5670264	17-Jun-17		30-40	B	25-30	Dark grey	10	30	35	15	5	5	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E0950	502950	6992000	E5670263	17-Jun-17		20-30	A/B	25-30	Dark brown	5	10	20	15	10	40	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E1000	503000	6992000	E5670262	17-Jun-17		50-60	B	30 up	Dark grey	5	10	40	20	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1050	503050	6992000	E5670260	17-Jun-17		50-60	B	30 up	Dark grey	0	25	40	20	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1100	503100	6992000	E5670284	17-Jun-17		30-40	B	10-15	Dark grey	10	15	20	15	5	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E1150	503150	6992000	E5670283	17-Jun-17		30-40	A/B	10-15	Dark brown	45	0	5	10	5	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R09E1250	503250	6992000	E5670282	17-Jun-17		30-40	B	15-20	Dark brown	5	25	35	20	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1300	503300	6992000	E5670281	17-Jun-17		10-20	A/B	10-15	Dark brown	50	15	10	5	10	10	Loess - Organic rich	Moist	Buck Brush	Mid slope
R09E1350	503350	6992000	1173945	25-Jun-17		0-10	A	2-5	Dark brown	45	0	10	15	10	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1400	503400	6992000	E5672558	25-Jun-17		50-60	B	30 up	Light brown	10	0	0	20	25	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E1450	503450	6992000	1173944	25-Jun-17		30-40	B	20-25	Ash (salt & pepper)	5	5	20	20	10	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1500	503500	6992000	E5672557	25-Jun-17		40-50	B	30 up	Light brown	10	20	30	10	5	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R09E1550	503550	6992000	1173943	25-Jun-17		10-20	A	5-10	Dark brown	40	0	10	20	10	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1600	503600	6992000	E5672556	25-Jun-17		40-50	A/B	30 up	Dark brown	30	0	0	20	25	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R09E1650	503650	6992000	1173941	25-Jun-17		30-40	B	20-25	Light brown	10	0	20	25	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
			1173942	25-Jun-17		30-40	B	20-25	Light brown	10	0	20	25	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E1700	503700	6992000	E5672555	25-Jun-17		30-40	B	30 up	Light brown	5	25	30	20	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R09E2000	504000	6992000	90062	06-Jul-17		30-40	B/C	10-15	Light brown	5	5	5	25	30	30	Weathered bedrock	Moist	Alpine	Ridge top
R09E2050	504050	6992000	90063	06-Jul-17		40-50	B/C	15-20	Light brown	0	0	10	30	40	20	Weathered bedrock	Moist	Alpine	Ridge top
R09E2100	504100	6992000	90064	06-Jul-17		30-40	B/C	10-15	Light brown	5	0	10	25	35	25	Weathered bedrock	Moist	Alpine	Ridge top
R09E2150	504150	6992000	90065	06-Jul-17		20-30	B	5-10	Light brown	5	0	5	10	40	40	Weathered bedrock	Moist	Alpine	Ridge top
R09E2200	504200	6992000	90066	06-Jul-17		20-30	B/C	10-15	Light brown	0	0	10	15	30	45	Weathered bedrock	Moist	Alpine	Ridge top
R09E2250	504250	6992000	90067	06-Jul-17		50-60	B/C	30 up	Light brown	0	0	10	25	40	25	Weathered bedrock	Moist	Alpine	Mid slope
R09E2300	504300	6992000	90068	06-Jul-17		10-20	B	5-10	Dark brown	5	5	15	25	30	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E0100	502100	6992100	E5671056	17-Jun-17		30-40	B	2-5	Dark brown	15	0	0	40	25	30	Weathered bedrock	Wet	Buck Brush	Mid slope

R10E0150	502150	6992100	E5671055	17-Jun-17		40-50	B/C	2-5	Dark grey	0	0	5	10	30	55	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E0200	502200	6992100	E5671054	17-Jun-17		30-40	B	2-5	Dark grey	20	0	0	20	40	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R10E0250	502250	6992100	E5671053	17-Jun-17		30-40	B/C	5-10	Dark grey	5	20	30	30	10	5	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0300	502300	6992100	E5671052	17-Jun-17		40-50	B/C	5-10	Light brown	5	10	10	20	30	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E0350	502350	6992100	E5671051	17-Jun-17		50-60	C	5-10	Light brown	0	20	20	30	20	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0400	502400	6992100	E5671050	17-Jun-17		40-50	C	5-10	Dark grey	5	5	20	40	20	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0450	502450	6992100	E5671049	17-Jun-17		40-50	C	2-5	Light brown	0	10	35	35	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0500	502500	6992100	E5671048	17-Jun-17		20-30	C	2-5	Light brown	0	10	30	40	10	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0550	502550	6992100	E5671047	17-Jun-17		30-40	C	5-10	Light brown	0	10	30	40	10	10	Weathered bedrock	Dry	Buck Brush	Mid slope
R10E0600	502600	6992100	E5671046	17-Jun-17		40-50	C	5-10	Yellowish orange	0	5	15	35	35	10	Weathered bedrock	Dry	Buck Brush	Mid slope
R10E0650	502650	6992100	E5671045	17-Jun-17		20-30	B	2-5	Light grey	10	5	10	25	25	25	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R10E0700	502700	6992100	E5671044	17-Jun-17		30-40	C	10-15	Dark grey	5	10	20	30	20	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0750	502750	6992100	E5671043	17-Jun-17		20-30	B/C	2-5	Dark grey	10	5	15	25	20	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E0800	502800	6992100	E5671042	17-Jun-17		20-30	B/C	2-5	Light brown	10	5	20	30	20	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E0850	502850	6992100	E5671041	17-Jun-17		40-50	C	5-10	Dark grey	0	5	20	40	25	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E0900	502900	6992100	E5671040	17-Jun-17		30-40	C	5-10	Light brown	0	10	15	25	35	15	Weathered bedrock	Saturated	Buck Brush	Mid slope
R10E0950	502950	6992100	E5671039	17-Jun-17		30-40	C	5-10	Light brown	5	10	20	20	25	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E1000	503000	6992100	E5671038	17-Jun-17		40-50	B/C	5-10	Light brown	5	0	5	30	45	15	Weathered bedrock	Dry	Buck Brush	Mid slope
R10E1050	503050	6992100	E5671037	17-Jun-17		30-40	C	5-10	Light brown	0	5	40	20	20	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R10E1100	503100	6992100	E5671036	17-Jun-17		30-40	B/C	2-5	Light brown	10	0	5	30	35	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E1150	503150	6992100	E5671035	17-Jun-17		10-20	B/C	2-5	Light grey	5	5	25	5	30	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E1200	503200	6992100	E5672410	17-Jun-17		10-20	B	2-5	Dark brown	10	5	5	20	40	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E1250	503250	6992100	E5671059	17-Jun-17		10-20	B/C	5-10	Light brown	5	0	0	10	45	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R10E1300	503300	6992100	E5671058	17-Jun-17	fill?	20-30	C	5-10	Light brown	5	0	0	85	5	5	Fluvial - Stream/River	Dry	Buck Brush	Mid slope
R10E1350	503350	6992100	E5671057	17-Jun-17		20-30	A	2-5	Black	25	0	0	10	30	35	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R10E1400	503400	6992100	581871	2017-07-05		10-20	A/B	2-5	Dark brown	40	0	0	0	40	10	Weathered bedrock	Saturated	Buck Brush	Mid slope
R10E1450	503450	6992100	581872	2017-07-05		10-20	A/B	2-5	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E1500	503500	6992100	581873	2017-07-05		10-20	A/B	2-5	Light grey	20	0	0	20	30	30	Weathered bedrock	Saturated	Buck Brush	Mid slope
R10E1550	503550	6992100	581874	2017-07-05		10-20	A/B	2-5	Dark brown	20	0	0	0	40	40	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E1600	503600	6992100	581875	2017-07-05		20-30	A/B	2-5	Dark brown	20	0	0	10	40	30	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E1650	503650	6992100	581876	2017-07-05		20-30	B	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E1700	503700	6992100	581877	2017-07-05		20-30	A/B	2-5	Light brown	20	0	0	0	40	40	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E1750	503750	6992100	581878	2017-07-05		20-30	A/B	2-5	Dark brown	30	0	0	0	35	35	Weathered bedrock	Frozen	Buck Brush	Mid slope
R10E2000	504000	6992100	22746			0-10	A/B	2-5	Dark brown	60	0	0	0	20	20	Weathered bedrock	Moist	Buck Brush	Ridge top
R10E2050	504050	6992100	22747			20-30	A/B	5-10	Dark brown	30	0	15	15	20	20	Weathered bedrock	Wet	Buck Brush	Ridge top
R10E2100	504100	6992100	22749			30-40	B	5-10	Dark grey	10	0	10	0	20	60	Weathered bedrock	Moist	Buck Brush	Ridge top
R10E2150	504150	6992100	22748			10-20	A/B	5-10	Dark brown	30	0	0	10	20	40	Weathered bedrock	Moist	Buck Brush	Ridge top
R10E2200	504200	6992100	22750			20-30	A/B	5-10	Dark brown	30	0	10	0	20	40	Weathered bedrock	Moist	Buck Brush	Ridge top
R10E2250	504250	6992100	90107			10-20	B	5-10	Dark brown	20	0	10	0	10	60	Weathered bedrock	Moist	Buck Brush	Ridge top
R10E2300	504300	6992100	90102			20-30	B	5-10	Dark grey	10	0	0	20	20	50	Weathered bedrock	Moist	Buck Brush	Ridge top
R11E0100	502100	6992200	1173075	21-Jun-17		30-40	B	20-25	Dark brown	20	10	10	20	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0150	502150	6992200	1173076	21-Jun-17		20-30	B	15-20	Dark brown	5	5	20	20	15	35	Weathered bedrock	Moist	Buck Brush	Mid slope
			1173077	21-Jun-17															
R11E0250	502250	6992200	1173078	21-Jun-17		20-30	A/B	10-15	Dark brown	15	0	20	15	15	35	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R11E0300	502300	6992200	1173079	21-Jun-17		20-30	B	15-20	Ash (salt & pepper)	10	10	15	20	20	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R11E0350	502350	6992200	1173080	21-Jun-17		30-40	B	20-25	Olive grey	5	10	20	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0400	502400	6992200	22678	01-Jul-17		10-20	B	5-10	Light grey	0	5	10	20	25	40	Weathered bedrock	Moist	Buck Brush	Mid slope
			22679	01-Jul-17															
R11E0450	502450	6992200	22680	01-Jul-17		40-50	B/C	5-10	Light brown	0	0	0	20	40	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0500	502500	6992200	22681	01-Jul-17		50-60	B/C	10-15	Dark brown	5	5	10	25	25	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0550	502550	6992200	1173059	20-Jun-17		30-40	B	20-25	Dark grey	15	5	10	10	20	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0600	502600	6992200	1173058	20-Jun-17		40-50	C	30 up	Light brown	0	0	40	60	0	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
R11E0650	502650	6992200	1173057	20-Jun-17		60-70	C	30 up	Light brown	0	5	5	30	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R11E0700	502700	6992200	1173056	20-Jun-17		40-50	B/C	30 up	Olive grey	0	5	25	25	15	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E0750	502750	6992200	1173055	20-Jun-17		10-20	B	10-15	Ash (salt & pepper)	0	10	40	20	20	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R11E0800	502800	6992200	1173054	20-Jun-17		20-30	B	20-25	Dark brown	5	10	30	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R11E0850	502850	6992200	1173053	20-Jun-17		20-30	B	10-15	Dark brown	10	15	15	15	15	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R11E0950	502950	6992200	1173052	20-Jun-17		30-40	B/C	20-25	Ash (salt & pepper)	5	5	30	25	25	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R11E1000	503000	6992200	1173051	20-Jun-17		40-50	C	30 up	Ash (salt & pepper)	5	15	30	25	20	5	Weathered bedrock	Dry	Evergreen Forest	Mid slope
R11E1050	503050	6992200	E5670459	20-Jun-17		30-40	B	20-25	Ash (salt & pepper)	5	10	25	25	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E1100	503100	6992200	E5670458	20-Jun-17		10-20	A/B	15-20	Dark brown	10	5	15	20	20	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E1150	503150	6992200	E5670457	20-Jun-17		10-20	A/B	10-15	Ash (salt & pepper)	20	10	20	20	15	15	Weathered bedrock	Moist	Buck Brush	Bench
R11E1200	503200	6992200	E5670456	20-Jun-17		30-40	B/C	20-25	Ash (salt & pepper)	5	10	15	20	25	25	Weathered bedrock	Moist	Buck Brush	Bench
R11E1250	503250	6992200	E5670455	20-Jun-17		50-60	C	30 up	Ash (salt & pepper)	0	15	30	30	20	5	Weathered bedrock	Moist	Buck Brush	Bench
R11E1300	503300	6992200	E5672549	25-Jun-17		30-40	B	30 up	Dark grey	0	25	35	10	15	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R11E1350	503350	6992200	1173938	25-Jun-17		10-20	A/B	5-10	Dark brown	30	5	10	15	10	30	Weathered bedrock	Saturated	Buck Brush	Mid Slope

R11E1400	503407	6992186	E5672550	25-Jun-17		40-50	A/B	30 up	Dark brown	25	0	0	15	25	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R11E1500	503500	6992200	E5672551	25-Jun-17		40-50	A/B	30 up	Dark brown	15	25	30	10	0	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R11E1550	503550	6992200	1173939	25-Jun-17		10-20	A	10-15	Dark brown	40	0	10	20	10	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R11E1600	503600	6992200	E5672552	25-Jun-17		40-50	A/B	30 up	Light brown	10	0	10	20	25	35	Weathered bedrock	Wet	Buck Brush	Mid slope
			E5672553	25-Jun-17															
R11E1650	503650	6992200	1173940	25-Jun-17		10-20	A	5-10	Dark brown	30	5	10	25	10	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R11E1700	503688	6992212	E5672554	25-Jun-17		30-40	A/B	25-30	Light brown	5	1	15	20	20	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0000	502000	6992300	E5672467	21-Jun-17		40-50	B	30 up	Dark grey	5	20	25	15	5	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E0050	502050	6992300	E5672468	21-Jun-17		40-50	A/B	30 up	Light brown	20	15	20	10	20	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0100	502100	6992300	E5672469	21-Jun-17		40-50	A/B	30 up	Light brown	15	25	15	10	15	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E0150	502150	6992300	E5672470	21-Jun-17		40-50	A/B	30 up	Light brown	15	20	15	5	10	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0200	502200	6992300	E5672471	21-Jun-17		50-60	A/B	30 up	Dark brown	15	10	20	10	20	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0300	502300	6992300	E5672472	21-Jun-17		50-60	A/B	30 up	Light brown	5	20	25	5	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0350	502350	6992300	22677	01-Jul-17		50-60	B/C	5-10	Light brown	0	0	10	20	35	35	Weathered bedrock	Frozen	Buck Brush	Mid slope
R12E0400	502400	6992300	22676	01-Jul-17		30-40	B/C	10-15	Dark brown	0	0	10	20	35	35	Weathered bedrock	Frozen	Buck Brush	Mid slope
R12E0450	502450	6992300	E5670350	21-Jun-17		30-40	A/B	25-30	Dark brown	25	0	5	15	20	35	Loess - Organic rich	Wet	Buck Brush	Ridge top
R12E0500	502500	6992300	E5670349	21-Jun-17		40-50	A/B	30 up	Dark brown	20	0	0	10	25	45	Loess - Organic rich	Moist	Buck Brush	Ridge top
R12E0550	502550	6992300	E5670348	21-Jun-17		30-40	A/B	15-20	Dark brown	15	6	5	20	15	45	Loess - Organic rich	Moist	Buck Brush	Mid slope
R12E0600	502600	6992300	E5670347	21-Jun-17		50-60	A/B	30 up	Dark brown	5	0	0	25	25	45	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0650	502650	6992300	E5670346	21-Jun-17		40-50	B/C	30 up	Light brown	0	25	40	15	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0700	502700	6992300	E5670345	21-Jun-17		30-40	A/B	15-20	Dark brown	25	0	15	10	15	35	Loess - Organic rich	Partially Frozen	Buck Brush	Mid slope
R12E0750	502750	6992300	E5670344	21-Jun-17		50-60	B/C	30 up	Light brown	5	25	35	10	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0800	502800	6992300	E5670343	21-Jun-17		40-50	B/C	15-20	Dark brown	5	20	35	25	5	10	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0850	502850	6992300	E5670342	21-Jun-17		50-60	B/C	30 up	Dark brown	5	25	30	15	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E0900	502900	6992300	E5670341	21-Jun-17		10-20	B/C	5-10	Ash (salt & pepper)	5	25	35	20	15	0	Weathered bedrock	Saturated	Buck Brush	Mid slope
R12E0950	502950	6992300	E5670340	21-Jun-17		20-30	A/B	15-20	Dark brown	25	10	20	0	10	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1000	503000	6992300	E5670339	21-Jun-17		60-70	B/C	30 up	Dark brown	0	25	35	20	5	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E1050	503050	6992300	E5670338	21-Jun-17		40-50	A/B	15-20	Dark brown	25	5	0	25	15	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1100	503100	6992300	E5670337	21-Jun-17		20-30	A/B	15-20	Dark brown	15	20	35	5	0	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1150	503150	6992300	E5670336	21-Jun-17		30-40	A/B	30 up	Dark brown	25	0	15	10	15	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1200	503200	6992300	E5670335	21-Jun-17		30-40	A/B	15-20	Dark brown	35	0	0	20	15	3	Loess - Organic rich	Moist	Buck Brush	Mid slope
R12E1250	503250	6992300	E5670334	21-Jun-17		30-40	A	15-20	Dark brown	50	10	15	5	0	20	Loess - Organic rich	Wet	Buck Brush	Mid slope
R12E1300	503300	6992300	E5670333	21-Jun-17		20-30	A/B	20-25	Light grey	15	10	20	10	20	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E1350	503350	6992300	E5670332	21-Jun-17		50-60	B	30 up	Dark brown	5	20	25	5	10	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E1450	503466	6992298	22721	05-Jul-17		10-20	A/B	1-2	Light grey	30	5	10	30	15	10	Weathered bedrock	Saturated	Buck Brush	Mid slope
R12E1500	503500	6992300	22722	05-Jul-17		10-20	A	2-5	Dark brown	50	0	0	5	30	15	Loess - Organic rich	Wet	Buck Brush	Mid slope
R12E1550	503550	6992300	22723	05-Jul-17		10-20	B/C	2-5	Light brown	5	5	20	20	30	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1600	503600	6992300	22724	05-Jul-17		0-10	B	2-5	Light brown	15	0	5	10	30	40	Weathered bedrock	Wet	Buck Brush	Mid slope
R12E1650	503650	6992300	22725	05-Jul-17		0-10	B/C	1-2	Dark brown	10	5	5	10	35	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1700	503700	6992300	22645	05-Jul-17		0-10	B	1-2	Light brown	5	5	20	15	30	25	Weathered bedrock	Dry	Buck Brush	Mid slope
R12E1750	503750	6992300	22646	05-Jul-17		0-10	A/B	1-2	Light brown	10	0	0	20	40	30	Weathered bedrock	Dry	Buck Brush	Mid slope
R12E1800	503800	6992300	22647	05-Jul-17		0-10	A/B	1-2	Dark brown	40	0	5	10	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R12E1850	503850	6992300	22648	05-Jul-17		20-30	B	5-10	Light brown	5	0	5	20	40	30	Weathered bedrock	Dry	Alpine	Ridge top
R12E1900	503900	6992300	22649	05-Jul-17		10-20	B	2-5	Light brown	5	5	15	20	30	25	Weathered bedrock	Dry	Buck Brush	Ridge top
R13E0000	502028	6992402	E5672466	21-Jun-17		40-50	B/C	30 up	Light brown	5	25	35	5	10	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0050	502050	6992400	1173074	21-Jun-17		0-10	A	2-5	Dark brown	40	0	5	10	5	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0100	502100	6992400	E5672465	21-Jun-17		20-30	A/B	10-15	Dark brown	10	25	35	10	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0150	502150	6992400	1173073	21-Jun-17		10-20	A/B	5-10	Dark brown	30	5	10	20	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0200	502200	6992400	E5672464	21-Jun-17		30-40	A/B	30 up	Dark brown	25	0	0	15	25	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R13E0250	502250	6992400	1173072	21-Jun-17		20-30	A/B	10-15	Black	20	5	5	25	5	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0300	502300	6992400	E5672463	21-Jun-17		40-50	A/B	30 up	Dark brown	20	0	5	15	25	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R13E0350	502350	6992400	1173071	21-Jun-17		20-30	A/B	15-20	Light brown	10	5	20	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0400	502400	6992400	E5672462	21-Jun-17		50-60	A/B	30 up	Dark brown	15	0	5	20	25	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R13E0450	502450	6992400	1173070	21-Jun-17		30-40	B	20-25	Light brown	5	15	15	15	15	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R13E0500	502500	6992400	E5672461	21-Jun-17		40 -50	B	15-20	Dark brown	25	0	0	15	25	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R13E0550	502550	6992400	E5672460	21-Jun-17		30-40	A/B	20-25	Dark brown	35	0	0	10	30	25	Loess - Organic rich	Moist	Buck Brush	Mid slope
R13E0600	502600	6992400	1173069	21-Jun-17		30-40	B	20-25	Dark grey	10	10	20	25	15	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0650	502650	6992400	E5670359	21-Jun-17		50-60	A/B	30 up	Dark brown	5	20	25	5	10	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E0700	502700	6992400	1173068	21-Jun-17		10-20	A/B	5-10	Dark brown	25	5	10	15	10	35	Weathered bedrock	Moist	Buck Brush	Ridge top
R13E0750	502750	6992400	E5670358	21-Jun-17		30-40	A/B	15-20	Dark brown	25	0	20	5	15	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R13E0800	502800	6992400	E5670357	21-Jun-17		50-60	A/B	30 up	Dark brown	10	20	25	10	15	20	Loess - Organic rich	Partially Frozen	Buck Brush	Mid slope
R13E0850	502850	6992400	1173066	21-Jun-17		40-50	B	20-25	Ash (salt & pepper)	5	10	30	30	15	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			1173067	21-Jun-17		40-50	B	20-25	Ash (salt & pepper)	5	10	30	30	15	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
R13E0900	502900	6992400	E5670356	21-Jun-17		60-70	A/B	30 up	Dark brown	0	20	25	10	15	20	Loess - Organic rich	Partially Frozen	Buck Brush	Mid slope
R13E0950	502950	6992400	1173065	21-Jun-17		0-10	A/B	5-10	Dark grey	20	10	15	15	10	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R13E1000	503000	6992400	E5670355	21-Jun-17		20-30	B	15-20	Dark brown	5	20	25	20	10	20	Fluvial - Stream/River	Wet	Buck Brush	Mid slope

R13E1050	503050	6992400	1173063	21-Jun-17		0-10	A	2-5	Dark brown	10	5	25	35	15	10	Weathered bedrock	Saturated	Buck Brush	Mid slope
R13E1100	503100	6992400	E5670354	21-Jun-17		40-50	A/B	15-20	Dark brown	35	5	0	20	15	25	Loess - Organic rich	Moist	Buck Brush	Mid slope
R13E1150	503150	6992400	1173062	21-Jun-17		10-20	A	2-5	Dark brown	25	5	15	15	10	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R13E1200	503200	6992400	E5670353	21-Jun-17		40-50	A/B	15-20	Light brown	25	15	20	5	15	20	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R13E1250	503250	6992400	1173061	21-Jun-17		10-20	A	2-5	Dark brown	25	10	15	15	5	30	Weathered bedrock	Wet	Alpine	Bench
R13E1300	503300	6992400	E5670352	21-Jun-17		30-40	A/B	15-20	Dark brown	15	10	35	5	10	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R13E1350	503350	6992400	1173060	21-Jun-17		10-20	A	5-10	Dark brown	30	0	10	10	10	40	Weathered bedrock	Wet	Alpine	Bench
R13E1400	503400	6992400	E5670351	21-Jun-17		20-30	A/B	15-20	Dark grey	20	25	30	5	0	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E1550	503550	6992400	1173946	25-Jun-17		10-20	A/B	5-10	Light brown	30	5	15	20	10	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E1600	503600	6992400	E5672559	25-Jun-17		30-40	A/B	25-30	Dark brown	15	0	0	30	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R13E1650	503650	6992400	581901	25-Jun-17		10-20	A/B	5-10	Light brown	15	10	10	25	20	20	Weathered bedrock	Moist	Alpine	Ridge top
R13E1700	503687	6992420	1173948	25-Jun-17		40-50	A/B	30 up	Dark brown	15	0		25	25	35	Weathered bedrock	Moist	Buck Brush	Mid slope
			1173949	25-Jun-17															
R14E0000	502036	6992534	E5672503	22-Jun-17		10-20	A/B	10-15	Ash (salt & pepper)	25	10	20	10	5	30	Fluvial - Stream/River	Saturated	Buck Brush	Mid slope
R14E0050	502050	6992500	E5672502	22-Jun-17		30-40	A/B	30 up	Dark brown	20	0	0	15	20	45	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0100	502100	6992500	E5672501	22-Jun-17		40-50	A/B	30 up	Light brown	15	0	0	20	20	45	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E0150	502150	6992500	E5672500	22-Jun-17		>80	A/B	30 up	Dark brown	40	0	0	0	25	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E0200	502200	6992500	E5672499	22-Jun-17		40-50	A/B	30 up	Dark brown	35	0	0	20	15	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E0250	502250	6992500	E5672498	22-Jun-17		40-50	A/B	30 up	Dark brown	15	20	0	10	5	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0300	502300	6992500	E5672497	22-Jun-17		40-50	A/B	30 up	Dark brown	25	0	0	25	15	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E0350	502350	6992500	E5672496	22-Jun-17		30-40	A/B	30 up	Dark brown	35	0	0	20	15	30	Loess - Organic rich	Saturated	Buck Brush	Mid slope
R14E0400	502400	6992500	E5672495	22-Jun-17		20-30	A/B	25-30	Light brown	5	15	30	10	15	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E0450	502450	6992500	E5672494	22-Jun-17		40-50	B	30 up	Light brown	5	20	25	15	5	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0500	502500	6992500	E5672493	22-Jun-17		40-50	A/B	30 up	Light brown	5	20	30	5	15	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0550	502550	6992500	E5672492	22-Jun-17		50-60	A/B	30 up	Light brown	15	0	0	30	20	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0600	502600	6992500	E5672491	22-Jun-17		30-40	A/B	30 up	Light brown	15	0	0	20	30	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E0650	502650	6992500	E5672490	22-Jun-17		50-60	A/B	30 up	Light brown	10	0	15	10	30	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E0700	502700	6992500	E5672489	22-Jun-17		30-40	A/B	30 up	Dark brown	35	0	0	15	20	30	Loess - Organic rich	Partially Frozen	Buck Brush	Mid slope
R14E0750	502750	6992500	E5672488	22-Jun-17		40-50	A/B	30 up	Light brown	15	0	10	20	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E0800	502800	6992500	E5672487	22-Jun-17		50-60	A/B	30 up	Dark brown	15	0	5	25	20	35	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E0850	502850	6992500	E5672486	22-Jun-17		30-40	B	30 up	Light brown	5	25	35	20	5	10	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0900	502900	6992500	E5672485	22-Jun-17		40-50	B	30 up	Dark brown	5	20	10	40	10	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E0950	502950	6992500	E5672484	22-Jun-17		30-40	B	20-25	Ash (salt & pepper)	5	15	25	20	15	20	Fluvial - Stream/River	Saturated	Buck Brush	Mid slope
R14E1000	503000	6992500	E5672483	22-Jun-17		10-20	B	15-20	Ash (salt & pepper)	5	20	35	25	15	10	Fluvial - Stream/River	Wet	Buck Brush	Mid slope
R14E1050	503050	6992500	E5672482	22-Jun-17															
R14E1050	503050	6992500	E5672481	22-Jun-17		50-60	B	30 up	Dark brown	5	20	30	10	20	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E1100	503100	6992500	E5672480	22-Jun-17		30-40	A/B	20-25	Dark brown	15	20	30	10	0	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R14E1150	503150	6992500	E5672479	22-Jun-17		40-50	A/B	30 up	Dark brown	25	10	0	20	15	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E1200	503200	6992500	E5672478	22-Jun-17		>80	A/B	30 up	Dark brown	25	10	20	15	5	25	Loess - Organic rich	Wet	Buck Brush	Mid slope
R14E1250	503250	6992500	E5672477	22-Jun-17		30-40	A/B	30 up	Dark brown	25	0	10	20	15	30	Loess - Organic rich	Moist	Buck Brush	Mid slope
R14E1300	503300	6992500	E5672476	22-Jun-17		30-40	A/B	20-25	Dark brown	35	0	5	25	15	20	Loess - Organic rich	Moist	Buck Brush	Mid slope
R14E1350	503350	6992500	E5672475	22-Jun-17		40-50	A	30 up	Dark brown	45	0	0	5	20	30	Loess - Organic rich	Partially Frozen	Buck Brush	Mid slope
R14E1400	503400	6992500	E5672474	22-Jun-17		50-60	A/B	30 up	Dark brown	15	10	20	10	20	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E1450	503450	6992500	E5672473	25-Jun-17		50-60	A/B	30 up	Dark grey	5	10	25	10	20	30	Weathered bedrock	Saturated	Buck Brush	Mid slope
R14E1500	503500	6992500	581902	25-Jun-17		40-50	A/B	30 up	Dark grey	35	0	0	15	20	30	Loess - Organic rich	Saturated	Buck Brush	Mid slope
R14E1550	503550	6992500	581903	25-Jun-17		20-30	A/B	10-15	Dark brown	10	5	15	25	20	25	Weathered bedrock	Frozen	Alpine	Mid slope
R14E1600	503600	6992500	1173950	25-Jun-17		30-40	A/B	20-25	Dark brown	15	20	25	15	5	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R14E1650	503650	6992500	581901	25-Jun-17		10-20	A/B	5-10	Light brown	15	10	10	25	20	20	Weathered bedrock	Moist	Alpine	Ridge Top
R15E0150	502150	6992600	1173098	22-Jun-17		30-40	A/B	20-25	Dark brown	20	5	10	25	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0600	502600	6992600	1173097	22-Jun-17		30-40	B	20-25	Ash (salt & pepper)	5	5	15	25	20	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0650	502650	6992600	1173096	22-Jun-17		50-60	B	30 up	Dark Grey	10	10	20	25	15	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0750	502750	6992600	1173095	22-Jun-17		20-30	B	15-20	Light brown	15	5	10	15	15	40	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0800	502800	6992600	1173094	22-Jun-17		30-40	A/B	15-20	Dark brown	20	5	15	25	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0850	502850	6992600	1173093	22-Jun-17		30-40	A/B	20-25	Dark brown	15	5	10	25	20	25	Weathered bedrock	Saturated	Buck Brush	Mid slope
R15E0900	502900	6992600	1173092	22-Jun-17		20-30	A/B	10-15	Dark brown	10	5	10	20	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E0950	502950	6992600	1173091	22-Jun-17		20-30	A/B	10-15	Light grey	15	5	20	25	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E1000	503000	6992600	1173090	22-Jun-17		20-30	B	10-15	Light brown	20	5	10	25	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E1050	503050	6992600	1173089	22-Jun-17		10-20	A/B	5-10	Dark brown	20	5	5	25	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E1100	503100	6992600	1173087	22-Jun-17		20-30	B	10-15	Dark grey	10	10	15	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
			1173088	22-Jun-17		20-30	B	10-15	Dark grey	10	10	15	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E1200	503200	6992600	1173086	22-Jun-17		10-20	A/B	5-10	Dark grey	25	5	15	15	10	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R15E1250	503250	6992600	1173085	22-Jun-17		20-30	A/B	10-15	Light brown	15	5	10	25	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R15E1350	503350	6992600	1173084	22-Jun-17		0-10	A	2-5	Dark brown	35	5	5	20	5	30	Weathered bedrock	Wet	Alpine	
R15E1400	503400	6992600	1173083	22-Jun-17		0-10	A	2-5	Dark brown	40	5	5	20	15	15	Weathered bedrock	Wet	Alpine	Plateau
R15E1450	503450	6992600	1173082	22-Jun-17		0-10	A	2-5	Dark brown	30	0	5	25	20	20	Weathered bedrock	Moist	Alpine	Plateau
R15E1500	503500	6992600	1173081	22-Jun-17		40-50	B	30 up	Dark brown	15	10	10	20	15	35	Weathered bedrock	Moist	Alpine	Plateau

R16E0550	502550	6992700	E5672523	23-Jun-17		50-60	A/B	30 up	Dark brown	25	0	0	25	15	35	Loess - Organic rich	Moist	Buck Brush	Mid slope
R16E0600	502600	6992700	E5672522	23-Jun-17		50-60	B	30 up	Light brown	5	25	30	10	5	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E0650	502650	6992700	E5672521	23-Jun-17		40-50	B	30 up	Light brown	15	0	30	20	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E0700	502700	6992700	E5672520	23-Jun-17		40-50	A/B	25-30	Dark grey	15	30	15	10	5	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R16E0750	502750	6992700	E5672519	23-Jun-17		40-50	B	30 up	Dark brown	10	0	35	20	10	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R16E0800	502800	6992700	E5672518	23-Jun-17		30-40	A/B	30 up	Dark brown	35	0	0	10	30	25	Loess - Organic rich	Wet	Buck Brush	Mid slope
R16E0850	502850	6992700	E5672517	23-Jun-17		30-40	A/B	30 up	Dark brown	35	0	0	15	20	30	Loess - Organic rich	Moist	Buck Brush	Mid slope
R16E0900	502900	6992700	E5672516	23-Jun-17		50-60	A/B	30 up	Dark brown	15	20	15	5	25	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R16E0950	502950	6992700	E5672515	23-Jun-17		30-40	A/B	25-30	Light brown	25	0	5	15	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1000	503000	6992700	E5672514	23-Jun-17		20-30	A/B	20-25	Dark brown	35	0	0	15	20	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
R16E1100	503100	6992700	E5672512	23-Jun-17		40-50	A/B	30 up	Dark brown	25	0	0	20	25	30	Loess - Organic rich	Moist	Buck Brush	Mid slope
R16E1100	503100	6992700	E5672513	23-Jun-17														Buck Brush	Mid slope
R16E1150	503150	6992700	E5672511	23-Jun-17		60-70	B	30 up	Light brown	5	5	15	30	20	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1200	503200	6992700	E5672510	23-Jun-17		50-60	B	30 up	Light brown	5	20	35	15	10	15	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1250	503250	6992700	E5672509	23-Jun-17		50-60	B	30 up	Light brown	5	5	20	15	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1300	503300	6992700	E5672508	23-Jun-17		20-30	A/B	30 up	Dark brown	25	0	5	15	25	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
R16E1350	503350	6992700	E5672507	23-Jun-17		30-40	A/B	25-30	Dark brown	20	0	5	20	25	30	Loess - Organic rich	Moist	Buck Brush	Mid slope
R16E1400	503400	6992700	E5672506	23-Jun-17		30-40	A/B	25-30	Dark brown	15	10	15	15	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1450	503450	6992700	E5672505	23-Jun-17		20-30	A/B	25-30	Dark brown	10	20	25	5	15	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1500	503500	6992700	E5672504	23-Jun-17		20-30	A/B	25-30	Dark brown	15	10	35	5	15	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R16E1550	503550	6992700	E5671013	14-Jun-17		20-30	B	10-15	Black	10	10	0	10	5	65	Weathered bedrock	Moist	Buck Brush	Bench
R16E1600	503600	6992700	E5671012	14-Jun-17		20-30	B/C	5-10	Light brown	5	30	5	5	25	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1650	503650	6992700	E5671011	14-Jun-17		20-30	B/C	5-10	Light brown	5	20	10	5	5	55	Weathered bedrock	Moist	Buck Brush	Mid slope
R16E1700	503700	6992700	E5671010	14-Jun-17		10-20	A/B	5-10	Dark brown	30	0	0	5	10	55	Weathered bedrock	Moist	Alpine	Mid slope
R17E0800	502800	6992800	1173914	23-Jun-17		30-40	A/B	20-25	Dark brown	10	10	25	20	10	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R17E0850	502850	6992800	1173913	23-Jun-17		20-30	A/B	15-20	Ash (salt & pepper)	20	0	10	30	20	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R17E0900	502900	6992800	1173912	23-Jun-17		20-30	A/B	15-20	Dark brown	15	0	15	25	20	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R17E0950	502950	6992800	1173911	23-Jun-17		30-40	A/B	20-25	Dark brown	20	5	10	25	20	20	Talus	Dry	Alpine	Mid slope
R17E1000	503000	6992800	1173910	23-Jun-17		40-50	B	30 up	Light brown	20	5	5	25	10	35	Talus	Moist	Alpine	Mid slope
R17E1050	503050	6992800	1173909	23-Jun-17		40-50	A/B	30 up	Light brown	20	0	5	25	20	30	Talus	Moist	Alpine	Bench
R17E1100	503100	6992800	1173908	23-Jun-17		>80	B	30 up	Light brown	10	5	15	20	10	40	Talus	Dry	Alpine	Bench
R17E1150	503150	6992800	1173907	23-Jun-17		0-10	A/B	2-5	Light brown	20	5	10	30	10	25	Talus	Dry	Alpine	Bench
R17E1200	503200	6992800	1173906	23-Jun-17		0-10	A	<1	Ash (salt & pepper)	50	5	5	15	5	20	Talus	Dry	Alpine	Bench
R17E1250	503250	6992800	1173905	23-Jun-17		10-20	A/B	10-15	Light brown	15	5	15	25	10	30	Talus	Moist	Alpine	Bench
R17E1300	503300	6992800	1173904	23-Jun-17		20-30	B	15-20	Ash (salt & pepper)	10	10	20	20	20	20	Weathered bedrock	Moist	Alpine	Bench
R17E1350	503350	6992800	1173903	23-Jun-17		10-20	A/B	10-15	Dark brown	25	5	10	20	15	25	Weathered bedrock	Saturated	Alpine	Bench
R17E1400	503400	6992800	1173902	23-Jun-17		0-10	A/B	2-5	Dark brown	20	0	10	20	20	30	Weathered bedrock	Moist	Alpine	Bench
R17E1450	503450	6992800	1173100	23-Jun-17		30-40	B	25-30	Light brown	10	5	15	25	15	30	Weathered bedrock	Moist	Alpine	Bench
			1173901	23-Jun-17		30-40	B	25-30	Light brown	10	5	15	25	15	30	Weathered bedrock	Moist	Alpine	Bench
R17E1500	503500	6992800	1173099	23-Jun-17		0-10	A/B	2-5	Light brown	20	5	15	25	5	30	Weathered bedrock	Wet	Alpine	Plateau
R18E0750	502750	6992900	E5672524	23-Jun-17		40-50	B	30 up	Light brown	15	0	5	15	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E0800	502800	6992900	1173916	23-Jun-17		30-40	A/B	20-25	Dark brown	5	10	20	25	20	20	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E0850	502850	6992900	1173915	23-Jun-17		30-40	A/B	20-25	Dark brown	15	5	15	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E0900	502900	6992900	E5672525	23-Jun-17		30-40	B	20-25	Light brown	15	10	30	15	5	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R18E0950	502950	6992900	E5672526	23-Jun-17		40-50	B	30 up	Light brown	5	10	20	15	20	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R18E1000	503000	6992900	E5672527	23-Jun-17		30-40	B	30 up	Light brown	15	25	20	0	5	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1050	503050	6992900	E5672528	23-Jun-17		30-40	A/B	30 up	Dark brown	15	10	15	20	5	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1100	503100	6992900	E5672529	23-Jun-17		30-40	A/B	25-30	Dark brown	20	0	15	20	15	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1150	503150	6992900	E5672530	23-Jun-17		30-40	A/B	20-25	Dark brown	20	0	0	25	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1200	503200	6992900	E5672531	23-Jun-17		40-50	B	30 up	Dark brown	15	0	0	40	20	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1250	503250	6992900	E5672532	23-Jun-17		40-50	A/B	30 up	Light brown	15	0	5	20	25	35	Weathered bedrock	Moist	Buck Brush	Mid slope
R18E1300	503300	6992900	1173926	23-Jun-17		40-50	B	30 up	Light brown	10	0	20	20	20	30	Weathered bedrock	Dry	Alpine	Bench
R19E0800	502800	6993000	1173917	23-Jun-17		20-30	A/B	10-15	Dark brown	15	5	15	20	15	30	Weathered bedrock	Moist	Alpine	Ridge top
R19E0850	502850	6993000	E5671014	14-Jun-17		30-40	B	20-25	Light brown	5	15	15	20	20	25	Weathered bedrock	Partially Frozen	Alpine	Mid slope
R19E0850	502850	6993000	1173918			10-20	A/B	5-10	Light brown	15	5	15	25	10	30	Weathered bedrock	Dry	Alpine	Mid slope
R19E0900	502900	6993000	1173919	23-Jun-17		20-30	A/B	15-20	Light brown	20	5	5	30	20	20	Weathered bedrock	Dry	Alpine	Ridge top
R19E0950	502950	6993000	1173920	24-Jun-17		10-20	A/B	10-15	Dark brown	20	5	10	25	10	20	Weathered bedrock	Dry	Alpine	Mid slope
R19E1000	503000	6993000	1173921	25-Jun-17		30-40	A/B	20-25	Dark brown	15	10	20	20	10	25	Weathered bedrock	Dry	Alpine	Bench
R19E1050	503050	6993000	1173922	26-Jun-17		10-20	A/B	5-10	Dark brown	25	0	10	20	20	25	Weathered bedrock	Dry	Alpine	Bench
R19E1100	503100	6993000	1173923	27-Jun-17		10-20	A/B	5-10	Light brown	30	10	10	20	15	15	Weathered bedrock	Dry	Alpine	Bench
R19E1200	503200	6993000	1173924	29-Jun-17		10-20	B	10-15	Light brown	15	0	15	25	20	25	Weathered bedrock	Dry	Alpine	Bench
			1173925	30-Jun-17		10-20	B	10-15	Light brown	15	0	15	25	20	25	Weathered bedrock	Dry	Alpine	Bench
R20E0900	502919	6993096	1173852	25-Jun-17		20-30	B	20-25	Light brown	15	10	20	15	15	25	Weathered bedrock	Moist	Buck Brush	Mid slope
R20E0950	502950	6993100	581905	25-Jun-17		20-30	A/B	10-15	Light brown	20	0	15	25	15	25	Weathered bedrock	Dry	Alpine	Ridge top
R20E1000	503000	6993100	1173851	25-Jun-17		20-30	B	25-30	Light brown	5	25	30	15	5	20	Weathered bedrock	Wet	Buck Brush	Bench
R21E0900	502900	6993200	581906	25-Jun-17		20-30	A/B	10-15	Dark brown	20	5	5	20	20	30	Weathered bedrock	Dry	Alpine	Ridge top

R23E0250	502250	6991000	1173879	26-Jun-17		40-50	B	30 up	Light brown	0	15	20	1	25	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0300	502300	6991000	581930	26-Jun-17		30-40	B	20-25	Light brown	5	5	15	25	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0350	502350	6991000	581929	26-Jun-17		60-70	B/C	30 up	Light brown	0	5	15	25	20	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0400	502400	6991000	581928	26-Jun-17		20-30	B	10-15	Yellowish orange	10	10	20	25	5	30	Talus	Moist	Deciduous Forest	Mid slope
R23E0450	502450	6991000	581927	26-Jun-17		>80	C	30 up	Dark brown	0	5	15	30	10	40	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R23E0500	502500	6991000	581926	26-Jun-17		50-60	B/C	30 up	Light brown	5	5	25	25	15	25	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R23E0550	502550	6991000	581925	26-Jun-17		30-40	B	20-25	Dark brown	10	5	20	30	5	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0600	502600	6991000	581924	26-Jun-17		40-50	B/C	30 up	Yellowish orange	5	15	20	20	15	25	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R23E0650	502650	6991000	581923	26-Jun-17		60-70	C	30 up	Ash (salt & pepper)	0	10	25	25	20	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
R23E0700	502700	6991000	581922	26-Jun-17		30-40	B	20-25	Dark brown	10	15	20	25	15	15	Weathered bedrock	Dry	Evergreen Forest	Mid slope
R23E0750	502750	6991000	581921	26-Jun-17		>80	C	30 up	Light brown	5	10	20	25	15	25	Weathered bedrock	Dry	Evergreen Forest	Valley Bottom
R23E0800	502800	6991000	581920	26-Jun-17		>80	C	30 up	Dark brown	5	10	20	25	10	30	Weathered bedrock	Dry	Evergreen Forest	Valley Bottom
R23E0850	502850	6991000	581919	26-Jun-17		30-40	B	20-25	Ash (salt & pepper)	0	5	20	25	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0900	502900	6991000	581918	26-Jun-17		30-40	B	20-25	Light brown	5	15	25	20	15	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E0950	502950	6991000	581917	26-Jun-17		30-40	B	20-25	Dark brown	10	5	20	25	20	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
R23E1000	503000	6991000	581916	26-Jun-17		30-40	B	20-25	Dark brown	10	5	20	25	20	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
			581915	26-Jun-17		40-50	B	30 up	Light brown	5	15	20	20	10	30	Weathered bedrock	Moist	Buck Brush	Mid slope
R23E1050	503050	6991000	581914	26-Jun-17		30-40	B	20-25	Light brown	5	10	20	30	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R23E1100	503100	6991000	581913	26-Jun-17		30-40	B	20-25	Dark brown	5	15	25	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Valley Bottom
R23E1150	503150	6991000	581912	26-Jun-17		20-30	A/B	15-20	Dark brown	5	10	25	20	10	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
R23E1250	503250	6991000	581911	26-Jun-17		30-40	A/B	20-25	Dark brown	10	15	25	20	10	20	Weathered bedrock	Saturated	Buck Brush	Mid slope
R23E1300	503300	6991000	581910	26-Jun-17		30-40	B	20-25	Light brown	10	10	20	30	15	15	Weathered bedrock	Dry	Buck Brush	Mid slope
R23E1350	503350	6991000	581909	26-Jun-17		40-50	B	30 up	Dark grey	5	10	25	25	15	20	Weathered bedrock	Dry	Buck Brush	Mid slope
R23E1400	503400	6991000	581908	26-Jun-17		10-20	A/B	10-15	Light brown	20	5	20	20	10	25	Weathered bedrock	Dry	Buck Brush	Mid slope
R23E1450	503450	6991000	581907	26-Jun-17		30-40	B	20-25	Dark grey	5	5	25	25	15	20	Weathered bedrock	Dry	Buck Brush	Mid slope
R24E0250	502250	6990900	1173878	26-Jun-17		40-50	B/C	30 up	Light brown	0	20	35	15	5	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0300	502300	6990900	1173877	26-Jun-17		40-50	B/C	30 up	Light brown	5	15	25	20	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0350	502350	6990900	1173876	26-Jun-17		20-30	B	25-30	Light brown	5	15	25	20	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
R24E0400	502400	6990900	1173875	26-Jun-17		40-50	B	30 up	Light brown	15	20	25	5	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0450	502450	6990900	1173874	26-Jun-17		30-40	B	20-25	Light brown	15	10	15	10	20	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
R24E0500	502500	6990900	1173873	26-Jun-17		40-50	B	30 up	Light brown	5	0	15	25	20	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
R24E0550	502550	6990900	1173872	26-Jun-17		40-50	B/C	30 up	Light brown	10	20	35	15	5	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0600	502600	6990900	1173871	26-Jun-17		40-50	B/C	30 up	Light brown	0	25	35	15	5	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0650	502650	6990900	1173870	26-Jun-17		50-60	B/C	30 up	Light brown	0	15	25	30	15	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			1173869	26-Jun-17															
R24E0700	502721	6990921	1173868	26-Jun-17		30-40	B	25-30	Light brown	10	10	15	30	20	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0750	502763	6990935	1173867	26-Jun-17		30-40	A/B	30 up	Light brown	0	20	30	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0800	502800	6990900	1173866	26-Jun-17		30-40	B	30 up	Light brown	5	15	20	20	5	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E0950	502950	6990900	1173865	26-Jun-17		40-50	B	30 up	Light brown	5	15	20	20	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
R24E1000	503000	6990900	1173864	26-Jun-17		40-50	B	30 up	Dark brown	5	5	15	30	20	25	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1050	503050	6990900	1173863	26-Jun-17		40-50	A/B	30 up	Dark brown	0	10	20	35	20	15	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1100	503100	6990900	1173862	26-Jun-17		40-50	B	30 up	Light brown	5	10	15	25	15	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1150	503150	6990900	1173861	26-Jun-17		50-60	B	30 up	Light brown	5	0	15	20	25	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1200	503200	6990900	1173860	26-Jun-17		50-60	B	30 up	Light brown	0	15	25	30	10	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1250	503250	6990900	1173859	26-Jun-17		20-30	B	25-30	Light brown	5	15	25	15	10	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1300	503300	6990900	1173858	26-Jun-17		20-30	B	25-30	Light brown	5	15	20	15	0	35	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1350	503350	6990900	1173857	26-Jun-17		30-40	B	25-30	Light brown	10	20	25	10	5	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1400	503400	6990900	1173856	26-Jun-17															
			1173855	26-Jun-17		50-60	B	30 up	Light brown	5	25	30	5	15	20	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1450	503450	6990900	1173854	26-Jun-17		40-50	A/B	30 up	Light brown	10	20	25	10	5	30	Weathered bedrock	Wet	Buck Brush	Mid slope
R24E1500	503500	6990900	1173853	26-Jun-17		30-40	A/B	30 up	Dark brown	15	10	20	15	10	30	Weathered bedrock	Partially Frozen	Buck Brush	Mid slope
K00E0050	505050	6993600	1549575	30-Jun-17		40-50	A/B	10-15	Dark grey	10	0	10	0	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K00E0150	505150	6993600	1549576	30-Jun-17		10-20	A/B	5-10	Dark grey	20	0	0	0	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K00E0200	505200	6993600	1549577	30-Jun-17		20-30	A/B	15-20	Dark brown	50	0	0	0	25	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K00E0250	505250	6993600	1549578	30-Jun-17		10-20	A/B	5-10	Dark grey	20	0	0	0	60	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K00E0300	505300	6993600	1549579	30-Jun-17		30-40	B	10-15	Dark brown	10	0	20	0	30	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K00E0350	505350	6993600	1549580	30-Jun-17		30-40	B	5-10	Dark brown	20	0	0	0	20	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K00E0400	505400	6993600	1549581	30-Jun-17		0-10	A	2-5	Light grey	80	0	0	10	10	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0450	505450	6993600	1549582	30-Jun-17		10-20	A/B	5-10	Light brown	40	0	0	20	40	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0500	505500	6993600	1549583	30-Jun-17		20-30	B/C	15-20	Light brown	10	0	30	30	30	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0550	505550	6993600	1549584	30-Jun-17		10-20	A/B	5-10	Light brown	30	0	0	30	40	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0600	505600	6993600	1549585	30-Jun-17		20-30	A/B	10-15	Light brown	20	0	10	10	60	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0650	505650	6993600	1549586	30-Jun-17		10-20	A/B	10-15	Dark brown	40	0	0	0	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K00E0700	505700	6993600	1549587	30-Jun-17		20-30	A/B	10-15	Light brown	30	0	0	30	20	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0750	505750	6993600	1549588	30-Jun-17		10-20	B	10-15	Light brown	20	0	0	20	50	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0800	505800	6993600	1549589	30-Jun-17		30-40	B	10-15	Dark brown	10	0	10	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K00E0850	505850	6993600	1549590	30-Jun-17		20-30	A/B	10-15	Light brown	10	0	20	10	30	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0900	505900	6993600	1549591	30-Jun-17		20-30	A/B	10-15	Light grey	40	0	10	30	20	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E0950	505950	6993600	1549592	30-Jun-17		10-20	A/B	5-10	Light brown	40	0	0	10	40	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K00E1000	506000	6993600	1549593	30-Jun-17		10-20	B	5-10	Dark grey	10	0	10	10	20	50	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			1549594	30-Jun-17		10-20	B	5-10	Dark grey	10	0	10	10	20	50	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K01E0050	505050	6993700	E5667931	30-Jun-17		40-50	B	30 up	Dark brown	15	10	10	20	10	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0100	505100	6993700	E5667932	30-Jun-17		40-50	B	30 up	Dark brown	20	5	15	15	10	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0150	505150	6993700	E5667933	30-Jun-17		30-40	B/C	30 up	Light brown	5	15	20	20	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0200	505200	6993700	E5667934	30-Jun-17		40-50	B/C	30 up	Dark grey	10	15	20	25	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0250	505250	6993700	E5667935	30-Jun-17		50-60	C	30 up	Light brown	0	20	30	15	10	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K01E0300	505300	6993700	E5667936	30-Jun-17		50-60	B/C	30 up	Dark grey	0	20	30	15	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0350	505350	6993700	E5667937	30-Jun-17		30-40	B/C	30 up	Dark grey	10	15	20	20	10	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K01E0400	505400	6993700	E5667938	30-Jun-17		50-60	B/C	30 up	Dark grey	0	25	30	15	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K01E0450	505450	6993700	E5667939	30-Jun-17		40-50	B/C	30 up	Dark brown	0	25	30	15	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K01E0500	505500	6993700	E5667940	30-Jun-17		30-40	B	30 up	Dark brown	15	10	25	15	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0550	505550	6993700	E5667941	30-Jun-17		50-60	C	30 up	Dark grey	0	15	25	25	20	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0600	505600	6993700	E5667942	30-Jun-17		50-60	C	30 up	Light brown	0	25	30	15	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0650	505650	6993700	E5667943	30-Jun-17		50-60	C	30 up	Dark grey	0	10	25	35	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0700	505700	6993700	E5667944	30-Jun-17		50-60	C	30 up	Dark grey	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0750	505750	6993700	E5667945	30-Jun-17		50-60	C	30 up	Dark grey	0	10	20	35	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0800	505800	6993700	E5667946	30-Jun-17		50-60	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0850	505850	6993700	E5667947	30-Jun-17		50-60	C	30 up	Light brown	0	20	30	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0900	505900	6993700	E5667948	30-Jun-17		50-60	C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E0950	505950	6993700	E5667949	30-Jun-17		50-60	C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K01E1000	506000	6993700	E5667950	30-Jun-17		60-70	C	30 up	Dark grey	0	25	30	10	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			E5667951	30-Jun-17															
K01E1050	506050	6993700	E5667952	30-Jun-17		30-40	C	30 up	Dark brown	10	20	25	15	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K02E0000	505000	6993800	S81302	30-Jun-17		10-20	A/B	5-10	Dark brown	15	0	5	10	30	40	Weathered bedrock	Wet	Buck Brush	Mid slope
K02E0200	505200	6993800	S81301	30-Jun-17		20-30	B	2-5	Light brown	5	5	15	30	20	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0250	505250	6993800	S81300	30-Jun-17		10-20	A/B	5-10	Light brown	10	0	10	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0300	505300	6993800	S81299	30-Jun-17		10-20	A/B	2-5	Light grey	10	5	10	20	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0350	505350	6993800	S81298	30-Jun-17		30-40	A/B	5-10	Light brown	10	5	5	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0400	505400	6993800	S81297	30-Jun-17		10-20	B	2-5	Light grey	5	0	10	15	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0450	505450	6993800	S81296	30-Jun-17		10-20	B	2-5	Light grey	10	0	10	30	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K02E0500	505500	6993800	S81295	30-Jun-17		20-30	B	5-10	Light brown	10	0	10	5	30	45	Loess - Organic rich	Wet	Evergreen Forest	Mid slope
K02E0550	505550	6993800	S81294	30-Jun-17		50-60	B/C	15-20	Light brown	0	5	35	30	20	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K02E0600	505600	6993800	S81293	30-Jun-17	No Photo	20-30	B	10-15	Light brown	5	5	30	20	30	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K02E0650	505650	6993800	S81292	30-Jun-17		>80	B/C	30 up	Light brown	0	5	40	30	15	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K02E0700	505700	6993800	S81291	30-Jun-17		20-30	B/C	10-15	Light brown	0	0	20	30	30	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K02E0750	505750	6993800	S81290	30-Jun-17		30-40	B/C	10-15	Light brown	5	5	10	20	30	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			S81289	30-Jun-17															Mid slope
K02E0800	505800	6993800	S81288	30-Jun-17		40-50	B/C	5-10	Light brown	5	5	15	30	20	25	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K02E0850	505850	6993800	S81287	30-Jun-17		30-40	B/C	5-10	Light brown	0	5	15	35	20	25	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K02E0900	505900	6993800	S81286	30-Jun-17		30-40	B/C	5-10	Light brown	0	5	15	35	20	25	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K02E0950	505950	6993800	S81285	30-Jun-17		40-50	B/C	15-20	Light brown	5	5	10	20	30	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K02E1000	506000	6993800	S81284	30-Jun-17		50-60	B/C	10-15	Light brown	0	5	10	35	30	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K02E1050	506050	6993800	S81283	30-Jun-17		40-50	B/C	10-15	Light brown	5	5	20	25	25	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K02E1100	506100	6993800	S81282	30-Jun-17		20-30	A/B	10-15	Dark grey	10	0	5	25	30	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K02E1200	506200	6993800	S81181	30-Jun-17		10-20	A/B	2-5	Light grey	10	0	5	10	30	45	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K02E1250	506250	6993800	S81303	30-Jun-17		20-30	A/B	5-10	Dark brown	10	0	0	10	30	50	Loess - Organic rich	Moist	Buck Brush	Valley bottom
K03E0000	505000	6993900	E5672436	30-Jun-17		10-20	B	2-5	Dark brown	10	0	0	10	30	50	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K03E0050	505050	6993900	E5672437	30-Jun-17		20-30	A/B	1-2	Dark brown	0	0	0	0	50	50	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0100	505100	6993900	E5672438	30-Jun-17		10-20	B/C	1-2	Light brown	25	0	0	25	50	0	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0150	505150	6993900	E5672439	30-Jun-17		10-20	B/C	1-2	Dark brown	0	0	0	0	50	50	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0200	505200	6993900	E5672440	30-Jun-17		10-20	B/C	1-2	Light brown	10	0	0	0	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0250	505250	6993900	E5672441	30-Jun-17		10-20	B/C	2-5	Light brown	10	0	20	20	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0300	505300	6993900	E5672442	30-Jun-17		30-40	B/C	10-15	Light brown	0	0	25	25	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K03E0350	505350	6993900	E5672443	30-Jun-17		20-30	B/C	5-10	Light brown	15	0	25	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K03E0400	505400	6993900	E5672444	30-Jun-17		20-30	B/C	2-5	Light brown	10	0	0	50	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			E5672445	30-Jun-17					Light brown							Weathered bedrock	Wet	Evergreen Forest	Mid slope
K03E0450	505450	6993900	E5672446	30-Jun-17		20-30	B/C	2-5	Light brown	10	0	0	40	25	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K03E0500	505500	6993900	E5672447	30-Jun-17		10-20	B/C	1-2	Light brown	40	0	20	15	15	0	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0550	505550	6993900	E5672448	30-Jun-17		10-20	A/B	2-5	Light brown	0	0	0	50	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E0600	505600	6993900	E5672449	30-Jun-17		20-30	A/B	5-10	Dark brown	0	0	0	30	35	35	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K03E0650	505650	6993900	E5672450	30-Jun-17		10-20	B/C	5-10	Light brown	10	0	20	40	30	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K03E0700	505700	6993900	E5672451	30-Jun-17		10-20	B	2-5	Light brown	10	0	10	30	50	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope

K03E0750	505750	6993900	E5672452	30-Jun-17		10-20	B	2-5	Light brown	10	0	20	20	50	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K03E0800	505800	6993900	E5672453	30-Jun-17		10-20	B	2-5	Light brown	10	0	10	50	30	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K03E0850	505850	6993900	E5672454	30-Jun-17		20-30	B	5-10	Light brown	10	0	0	20	40	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K03E0900	505900	6993900	E5672455	30-Jun-17		20-30	B/C	2-5	Light brown	10	0	20	20	25	25	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K03E0950	505950	6993900	E5672456	30-Jun-17		10-20	B/C	5-10	Dark brown	10	0	20	30	40	0	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K03E1000	506000	6993900	E5672457	30-Jun-17		10-20	A/B	2-5	Dark brown	25	0	0	25	25	25	Weathered bedrock	Moist	Buck Brush	Mid slope
K03E1050	506050	6993900	E5672458	30-Jun-17		20-30	B/C	5-10	Light brown	10	0	0	60	20	10	Weathered bedrock	Moist	Buck Brush	Mid slope
K03E1100	506100	6993900	E5672459	30-Jun-17		30-40	B/C	5-10	Dark brown	10	0	30	20	30	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K03E1150	506150	6993900	619401	30-Jun-17		20-30	B/C	2-5	Dark brown	10	0	15	15	30	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K03E1200	506200	6993900	619402	30-Jun-17		10-20	A/B	2-5	Dark brown	10	0	0	0	45	45	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K03E1250	506250	6993900	619403	30-Jun-17		10-20	A/B	1-2	Light brown	10	0	0	0	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K03E1300	506300	6993900	619404	30-Jun-17		20-30	B/C	5-10	Light brown	10	0	0	60	25	5	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K04E0050	505050	6994000	1549629	01-Jul-17		20-30	A	10-15	Dark brown	70	0	0	10	10	10	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0100	505100	6994000	1549628	01-Jul-17		20-30	A/B	5-10	Dark grey	30	0	0	10	30	30	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K04E0150	505150	6994000	1549627	01-Jul-17		30-40	B	15-20	Dark grey	10	0	10	0	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0200	505200	6994000	1549626	01-Jul-17		10-20	B	10-15	Dark grey	20	0	0	10	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0250	505250	6994000	1549625	01-Jul-17		10-20	A/B	5-10	Dark brown	20	0	10	0	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0300	505300	6994000	1549624	01-Jul-17		10-20	A/B	5-10	Dark brown	50	0	10	0	20	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0350	505350	6994000	1549623	01-Jul-17		20-30	A/B	5-10	Dark brown	10	0	0	10	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0400	505400	6994000	1549622	01-Jul-17		10-20	A/B	5-10	Dark grey	70	0	10	0	0	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0450	505450	6994000	1549603	01-Jul-17		10-20	A/B	5-10	Light brown	60	0	10	0	20	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E0500	505500	6994000	1549604	01-Jul-17		10-20	A	2-5	Dark brown	80	0	0	10	0	10	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K04E0550	505550	6994000	1549605	01-Jul-17		10-20	B	5-10	Dark grey	10	0	20	0	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0600	505600	6994000	1549606	01-Jul-17		10-20	A	5-10	Dark brown	40	0	0	20	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K04E0650	505650	6994000	1549607	01-Jul-17		10-20	B	15-20	Dark grey	10	0	10	10	10	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K04E0700	505700	6994000	1549608	01-Jul-17		40-50	B	15-20	Light brown	10	0	20	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K04E0750	505750	6994000	1549609	01-Jul-17		20-30	B/C	10-15	Dark grey	0	0	20	20	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0800	505800	6994000	1549610	01-Jul-17		20-30	A/B	10-15	Dark brown	20	0	0	20	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0850	505850	6994000	1549611	01-Jul-17		10-20	A/B	5-10	Dark brown	20	0	0	20	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0900	505900	6994000	1549612	01-Jul-17		20-30	B	15-20	Dark grey	20	0	0	20	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E0950	505950	6994000	1549613	01-Jul-17		30-40	B	5-10	Dark grey	10	0	0	0	10	80	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1000	506000	6994000	1549614	01-Jul-17		30-40	B	15-20	Dark grey	10	0	0	10	40	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1050	506050	6994000	1549615	01-Jul-17		20-30	A/B	10-15	Dark grey	20	0	0	10	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			1549616	01-Jul-17		20-30	A/B	10-15	Dark grey	20	0	0	10	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1100	506100	6994000	1549617	01-Jul-17		10-20	B	5-10	Light brown	20	0	0	10	60	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1150	506150	6994000	1549618	01-Jul-17		10-20	A/B	5-10	Dark brown	60	0	0	20	20	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1200	506200	6994000	1549619	01-Jul-17		10-20	A	2-5	Dark brown	60	0	0	20	20	0	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E1250	506250	6994000	1549620	01-Jul-17		10-20	A/B	5-10	Dark brown	40	0	0	0	20	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K04E1300	506300	6994000	1549621	01-Jul-17		10-20	B	5-10	Dark grey	20	0	0	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1350	506350	6994000	1549551	29-Jun-17		20-30	B	15-20	Light brown	5	0	5	90	0	0	Fluvial - Stream/River	Moist	Evergreen Forest	Valley bottom
K04E1400	506400	6994000	1549601	29-Jun-17		20-30	A/B	5-10	Light brown	5	0	0	80	5	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K04E1450	506450	6994000	1549602	29-Jun-17		40-50	B	30 up	Dark brown	0	0	10	40	20	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1500	506500	6994000	1549552	29-Jun-17		30-40	B	5-10	Light brown	10	0	15	30	30	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1550	506550	6994000	1549553	29-Jun-17		20-30	A/B	5-10	Light brown	10	0	30	20	30	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1600	506600	6994000	1549554	29-Jun-17		20-30	A/B	5-10	Dark brown	60	0	20	10	10	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1650	506650	6994000	1549555	29-Jun-17		10-20	B	10-15	Light brown	0	0	70	10	10	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1700	506700	6994000	1549556	29-Jun-17		10-20	B/C	2-5	Light brown	0	0	40	40	10	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1750	506750	6994000	1549557	29-Jun-17		10-20	B	5-10	Light brown	0	0	20	40	10	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K04E1800	506800	6994000	1549558	29-Jun-17		10-20	A/B	5-10	Light brown	10	0	0	20	40	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1850	506850	6994000	1549559	29-Jun-17		10-20	A/B	5-10	Light brown	10	0	0	10	70	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1900	506900	6994000	1549560	29-Jun-17		10-20	A/B	10-15	Light brown	15	0	15	0	70	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E1950	506950	6994000	1549561	29-Jun-17		50-60	B/C	15-20	Light brown	20	0	60	0	20	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K04E2000	507000	6994000	1549562	29-Jun-17		20-30	B/C	10-15	Light brown	0	0	80	0	10	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E0000	505000	6994100	E5670585	01-Jul-17		50-60	B/C	30 up	Dark brown	0	10	30	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			E5670584	01-Jul-17															
K05E0050	505050	6994100	E5670583	01-Jul-17		40-50	B/C	30 up	Dark brown	15	15	20	15	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E0100	505100	6994100	E5670582	01-Jul-17		30-40	A/B	30 up	Dark brown	35	0	10	20	10	25	Loess - Organic rich	Moist	Deciduous Forest	Mid slope
K05E0150	505150	6994100	E5670581	01-Jul-17		40-50	B/C	30 up	Dark brown	0	15	20	25	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E0200	505200	6994100	E5670580	01-Jul-17		40-50	B	30 up	Dark brown	15	10	15	20	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E0250	505250	6994100	E5670579	01-Jul-17		50-60	B/C	30 up	Dark brown	0	15	30	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0300	505300	6994100	E5670578	01-Jul-17		40-50	B/C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0350	505350	6994100	E5670577	01-Jul-17		30-40	B	25-30	Dark brown	25	10	15	20	10	20	Loess - Organic rich	Wet	Deciduous Forest	Mid slope
K05E0400	505400	6994100	E5670576	01-Jul-17		40-50	C	30 up	Dark brown	10	25	30	15	20	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0450	505450	6994100	E5670575	01-Jul-17		50-60	C	30 up	Dark brown	0	25	30	20	15	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0500	505500	6994100	E5670574	01-Jul-17		40-50	B/C	30 up	Dark brown	0	10	30	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0550	505550	6994100	E5670573	01-Jul-17		40-50	B	30 up	Dark brown	0	0	20	25	15	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope

K05E0600	505600	6994100	E5670572	01-Jul-17		30-40	B/C	30 up	Dark brown	10	15	20	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0650	505650	6994100	E5670571	01-Jul-17		20-30	C	25-30	Light brown	5	20	35	25	15	0	Fluvial - Stream/River	Moist	Deciduous Forest	Mid slope
K05E0700	505700	6994100	E5670570	01-Jul-17		30-40	B/C	30 up	Dark brown	10	20	20	15	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0750	505750	6994100	E5670569	01-Jul-17		40-50	B/C	30 up	Dark brown	0	20	25	20	10	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0800	505800	6994100	E5670568	01-Jul-17		50-60	B/C	30 up	Dark Grey	0	20	25	20	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K05E0850	505850	6994100	E5670567	01-Jul-17		40-50	B/C	30 up	Dark brown	10	15	25	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E0900	505900	6994100	E5670566	01-Jul-17		60-70	B/C	30 up	Dark grey	5	15	20	25	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E0950	505950	6994100	E5670565	01-Jul-17		50-60	C	30 up	Dark grey	0	20	25	20	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E1000	506000	6994100	E5670564	01-Jul-17		60-70	C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			E5670563	01-Jul-17														Deciduous Forest	Mid slope
K05E1050	506050	6994100	E5670562	01-Jul-17		50-60	B/C	30 up	Light grey	0	15	20	25	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E1100	506100	6994100	E5670561	01-Jul-17		40-50	B/C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E1150	506150	6994100	E5670560	01-Jul-17		50-60	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E1200	506200	6994100	E5667959	01-Jul-17		50-60	B/C	30 up	Dark brown	0	25	30	15	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K05E1250	506250	6994100	E5667958	01-Jul-17		30-40	A/B	30 up	Dark brown	20	0	0	20	25	35	Loess - Organic rich	Partially Frozen	Deciduous Forest	Mid slope
K05E1300	506300	6994100	E5667957	01-Jul-17		30-40	A/B	30 up	Dark brown	30	0	0	15	25	30	Loess - Organic rich	Partially Frozen	Deciduous Forest	Mid slope
K05E1350	506350	6994100	E5667956	01-Jul-17		50-60	C	30 up	Light brown	0	25	35	20	10	0	Weathered bedrock	Moist	Deciduous Forest	Valley bottom
K05E1400	506400	6994100	1549574	29-Jun-17		10-20	A	5-10	Dark grey	50	0	10	0	30	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K05E1450	506450	6994100	1549573	29-Jun-17		20-30	A/B	20-25	Dark grey	10	0	30	0	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K05E1500	506500	6994100	1549572	29-Jun-17		30-40	B	15-20	Dark grey	20	0	40	10	0	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K05E1550	506550	6994100	1549571	29-Jun-17		30-40	A/B	15-20	Dark brown	5	0	30	0	5	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K05E1600	506600	6994100	1549570	29-Jun-17		30-40	B	20-25	Dark grey	10	0	20	0	0	70	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K05E1650	506650	6994100	1549569	29-Jun-17		20-30	A/B	10-15	Dark brown	15	0	15	0	30	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K05E1700	506700	6994100	1549568	29-Jun-17		10-20	B	5-10	Light brown	10	0	40	0	40	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E1750	506750	6994100	1549567	29-Jun-17		10-20	A/B	10-15	Dark brown	10	0	40	0	40	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E1800	506800	6994100	1549566	29-Jun-17		10-20	A/B	2-5	Dark grey	0	0	10	40	40	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E1850	506850	6994100	1549565	29-Jun-17		10-20	A/B	2-5	Dark brown	0	0	10	10	80	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E1900	506900	6994100	1549564	29-Jun-17		30-40	B	10-15	Light brown	0	0	40	10	30	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E1950	506950	6994100	1549563	29-Jun-17		20-30	B/C	5-10	Light brown	10	0	40	0	50	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K05E2000	507000	6994100	22642	03-Jul-17		20-30	B/C	10-15	Light brown	5	10	10	25	30	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			22643	03-Jul-17															
K06E0100	505100	6994200	581334	01-Jul-17		10-20	A/B	1-2	Dark grey	10	5	5	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0150	505150	6994200	581333	01-Jul-17		0-10	B	1-2	Dark brown	10	5	10	30	30	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0200	505200	6994200	581332	01-Jul-17		0-10	A/B	1-2	Dark brown	20	0	0	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0250	505250	6994200	581331	01-Jul-17		10-20	B	2-5	Light brown	10	10	20	20	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0300	505300	6994200	581330	01-Jul-17		10-20	A/B	2-5	Dark brown	15	0	5	5	40	30	Loess - Organic rich	Moist	Evergreen Forest	Mid slope
K06E0400	505400	6994200	581329	01-Jul-17		10-20	B/C	2-5	Light brown	0	10	30	20	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0450	505450	6994200	581328	01-Jul-17		10-20	B/C	5-10	Light brown	0	10	30	20	25	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0500	505500	6994200	581327	01-Jul-17		10-20	B	2-5	Dark brown	5	5	15	25	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0550	505550	6994200	581326	01-Jul-17		10-20	B/C	5-10	Light brown	5	10	25	25	25	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0600	505600	6994200	581325	01-Jul-17		10-20	B/C	5-10	Light brown	5	10	35	30	10	10	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K06E0650	505650	6994200	581324	01-Jul-17		10-20	B/C	2-5	Light brown	15	20	40	15	5	5	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K06E0700	505700	6994200	581323	01-Jul-17		20-30	B/C	2-5	Light brown	0	10	35	20	25	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0750	505750	6994200	581322	01-Jul-17		10-20	A	1-2	Light brown	15	0	0	20	40	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K06E0800	505800	6994200	581321	01-Jul-17		10-20	B	2-5	Light brown	5	0	10	15	35	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K06E0850	505850	6994200	581320	01-Jul-17		10-20	B/C	2-5	Light brown	5	5	10	25	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0900	505900	6994200	581319	01-Jul-17		20-30	B/C	5-10	Light grey	5	5	15	25	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E0950	505950	6994200	581318	01-Jul-17		20-30	B/C	5-10	Light brown	0	5	35	25	30	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			581317	01-Jul-17															
K06E1000	506000	6994200	581316	01-Jul-17		30-40	B/C	5-10	Dark grey	0	5	15	15	40	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K06E1050	506050	6994200	581315	01-Jul-17		30-40	B/C	10-15	Light brown	0	5	5	25	30	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K06E1100	506100	6994200	581314	01-Jul-17		20-30	B/C	5-10	Dark grey	0	10	25	25	30	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K06E1150	506150	6994200	581313	01-Jul-17		30-40	B	5-10	Dark grey	0	5	25	25	30	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K06E1200	506200	6994200	581312	01-Jul-17		10-20	B	2-5	Light brown	0	5	30	30	25	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K06E1250	506250	6994200	581311	01-Jul-17		10-20	A/B	2-5	Dark brown	10	5	15	30	25	15	Weathered bedrock	Wet	Buck Brush	Mid slope
K06E1300	506300	6994200	581310	01-Jul-17		20-30	A/B	2-5	Dark brown	10	5	10	20	25	30	Weathered bedrock	Wet	Buck Brush	Bench
K06E1400	506400	6994200	581931	2017-06-29		20-30	B	10-15	Dark brown	0	0	20	70	5	5	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E1450	506450	6994200	581932	2017-06-29		30-40	B	10-15	Dark brown	10	0	10	10	35	35	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K06E1500	506500	6994200	581933	2017-06-29		30-40	A/B	5-10	Dark brown	10	0	0	10	50	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K06E1550	506550	6994200	581934	2017-06-29		40-50	A/B	2-5	Dark brown	20	0	5	20	30	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K06E1600	506600	6994200	581935	2017-06-29		30-40	B	10-15	Dark brown	5	0	10	40	20	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K06E1650	506650	6994200	581936	2017-06-29		20-30	B	5-10	Dark brown	0	0	10	50	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K06E1700	506700	6994200	581937	2017-06-29		30-40	B	5-10	Dark brown	10	0	25	40	15	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K06E1750	506750	6994200	581938	2017-06-29		30-40	B	5-10	Light brown	5	0	20	25	50	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K06E1800	506800	6994200	581939	2017-06-29		10-20	B	2-5	Light brown	5	0	20	60	15	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K06E1850	506850	6994200	581940	2017-06-29		20-30	B/C	5-10	Light brown	5	0	65	25	5	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K06E1900	506900	6994200	581941	2017-06-29		20-30	B/C	5-10	Light brown	0	0	10	75	10	5	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K06E1950	506950	6994200	581942	2017-06-29		20-30	B/C	5-10	Light brown	10	0	20	40	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			581943	2017-06-29		20-30	B/C	5-10	Light brown	10	0	20	40	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K06E2000	507000	6994200	581944	2017-06-29		20-30	B/C	5-10	Light brown	5	0	40	30	20	5	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K07E0000	505000	6994300	619411	2017-07-01		10-20	A/B	2-5	Light brown	10	0	0	10	15	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0050	505050	6994300	619412	2017-07-01		20-30	A/B	2-5	Light brown	30	0	20	0	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0100	505100	6994300	619413	2017-07-01		20-30	A/B	2-5	Light brown	20	0	0	0	40	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0150	505150	6994300	619414	2017-07-01		20-30	A/B	2-5	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0200	505200	6994300	619415	2017-07-01		10-20	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0250	505250	6994300	619416	2017-07-01		10-20	A/B	1-2	Light brown	30	0	0	0	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0300	505300	6994300	619417	2017-07-01		10-20	A/B	1-2	Light brown	20	0	0	20	30	30	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0350	505350	6994300	619418	2017-07-01		20-30	A/B	2-5	Dark brown	20	0	0	10	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0400	505400	6994300	619419	2017-07-01		10-20	A/B	2-5	Dark brown	20	0	0	20	20	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K07E0450	505450	6994300	619420	2017-07-01		10-20	A/B	1-2	Dark brown	25	0	0	0	40	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0500	505500	6994300	619421	2017-07-01		10-20	B/C	5-10	Light brown	10	0	20	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K07E0550	505550	6994300	619422	2017-07-01		20-30	B	2-5	Light brown	20	0	0	10	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0600	505600	6994300	619423	2017-07-01		10-20	A/B	2-5	Light brown	30	0	0	20	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0650	505650	6994300	619424	2017-07-01		20-30	A/B	5-10	Light brown	30	0	0	20	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0700	505700	6994300	619425	2017-07-01		20-30	A/B	2-5	Dark brown	30	0	0	20	25	25	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0750	505750	6994300	619426	2017-07-01		10-20	A/B	2-5	Light brown	20	0	0	25	35	20	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0800	505800	6994300	619427	2017-07-01		10-20	A/B	2-5	Light brown	10	0	0	0	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0850	505850	6994300	619428	2017-07-01		30-40	B/C	5-10	Dark brown	10	0	0	40	30	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E0900	505900	6994300	619429	2017-07-01		10-20	A/B	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
			619430	2017-07-01		10-20	A/B	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E0950	505950	6994300	619431	2017-07-01		20-30	B/C	5-10	Light brown	10	20	20	30	10	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K07E1000	506000	6994300	619432	2017-07-01		30-40	B/C	5-10	Light brown	10	10	20	40	10	0	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K07E1050	506050	6994300	619433	2017-07-01		20-30	B/C	5-10	Dark brown	10	0	0	60	20	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K07E1100	506100	6994300	619434	2017-07-01		20-30	B/C	5-10	Light brown	10	10	0	40	20	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K07E1150	506150	6994300	619435	2017-07-01		20-30	B/C	5-10	Dark brown	10	0	20	30	20	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K07E1200	506200	6994300	619436	2017-07-01		20-30	B/C	5-10	Light brown	10	0	0	80	20	0	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K07E1250	506250	6994300	619437	2017-07-01		10-20	A/B	2-5	Light brown	20	0	0	20	30	30	Weathered bedrock	Frozen	Deciduous Forest	Mid slope
K07E1400	506400	6994300	E5672435	2017-06-29		20-30	A/B	2-5	Dark brown	0	0	0	10	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K07E1450	506450	6994300	E5672434	2017-06-29		20-30	B	1-2	Dark brown	0	0	5	25	40	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K07E1500	506500	6994300	E5672433	2017-06-29		20-30	B/C	5-10	Dark brown	5	0	60	20	5	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1550	506550	6994300	E5672432	2017-06-29		20-30	B/C	2-5	Dark brown	0	0	50	30	20	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1600	506600	6994300	E5672431	2017-06-29		10-20	B	2-5	Dark brown	5	0	50	25	10	5	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1650	506650	6994300	E5672430	2017-06-29		20-30	B/C	5-10	Light brown	0	0	50	30	20	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K07E1700	506700	6994300	E5672429	2017-06-29		20-30	B/C	2-5	Light brown	0	0	35	15	15	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1750	506750	6994300	E5672428	2017-06-29		20-30	B/C	2-5	Light brown	0	0	50	25	15	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K07E1800	506800	6994300	581945	2017-06-29		10-20	B	2-5	Light brown	5	0	15	25	50	5	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1850	506850	6994300	581946	2017-06-29		10-20	B/C	2-5	Light brown	5	0	50	10	20	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1900	506900	6994300	581947	2017-06-29		10-20	B/C	2-5	Light brown	0	50	25	15	5	5	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			581948	2017-06-29		10-20	B/C	2-5	Light brown	0	50	25	15	5	5	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E1950	506950	6994300	581949	2017-06-29		10-20	B/C	2-5	Light brown	0	50	25	15	10	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K07E2000	507000	6994300	581950	2017-06-29		20-30	B/C	2-5	Light brown	0	20	30	20	20	10	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K08E0000	505000	6994400	619898	02-Jul-17		20-30	B	10-15	Dark grey	20	0	0	20	0	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0050	505050	6994400	619896	02-Jul-17		30-40	A/B	15-20	Dark grey	40	0	0	10	10	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0100	505100	6994400	619895	02-Jul-17		20-30	A/B	15-20	Dark brown	60	0	0	10	10	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0150	505150	6994400	619894	02-Jul-17		20-30	B	15-20	Dark grey	10	0	0	10	20	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0200	505200	6994400	619893	02-Jul-17		20-30	A/B	5-10	Dark grey	20	0	0	20	20	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0250	505250	6994400	619892	02-Jul-17		20-30	A/B	10-15	Dark grey	40	0	0	10	10	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0300	505300	6994400	619891	02-Jul-17		10-20	A/B	5-10	Dark brown	10	0	0	0	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0350	505350	6994400	619890	02-Jul-17		40-50	B/C	10-15	Dark grey	10	0	40	20	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E0400	505400	6994400	619889	02-Jul-17		30-40	B	10-15	Dark grey	10	0	10	10	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0450	505450	6994400	619888	02-Jul-17		40-50	B/C	15-20	Light brown	10	0	40	10	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E0500	505500	6994400	619887	02-Jul-17		10-20	B	15-20	Dark grey	10	0	10	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E0550	505550	6994400	619886	02-Jul-17		20-30	B	10-15	Light grey	10	0	30	30	30	0	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0600	505600	6994400	619885	02-Jul-17		20-30	A/B	10-15	Dark grey	40	0	10	10	10	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0650	505650	6994400	619883	02-Jul-17		40-50	B	15-20	Dark grey	0	0	10	10	10	70	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K08E0700	505700	6994400	619882	02-Jul-17		30-40	B/C	10-15	Light brown	10	0	40	20	20	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K08E0750	505750	6994400	619881	02-Jul-17		10-20	A	5-10	Dark brown	80	0	0	10	10	0	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0800	505800	6994400	1549640	02-Jul-17		20-30	A	10-15	Dark brown	80	0	0	10	10	0	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K08E0850	505850	6994400	1549638	02-Jul-17		20-30	A/B	10-15	Dark grey	20	0	0	20	20	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
			1549639	02-Jul-17		20-30	A/B	10-15	Dark grey	20	0	0	20	20	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0900	505900	6994400	1549637	02-Jul-17		20-30	B	5-10	Dark grey	10	0	10	10	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K08E0950	505950	6994400	1549636	02-Jul-17		40-50	B/C	10-15	Dark grey	20	0	20	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K08E1000	506000	6994400	1549635	02-Jul-17		40-50	B	15-20	Dark grey	0	0	10	20	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1050	506050	6994400	1549634	02-Jul-17		30-40	B	15-20	Light brown	20	0	10	10	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1100	506100	6994400	1549633	02-Jul-17		30-40	B	10-15	Dark grey	30	0	10	20	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K08E1150	506150	6994400	1549632	02-Jul-17		50-60	B/C	10-15	Dark grey	20	0	50	0	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1200	506200	6994400	1549631	02-Jul-17		30-40	B	15-20	Dark grey	20	0	0	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Valley bottom
K08E1250	506250	6994400	1549630	02-Jul-17		10-20	A	5-10	Dark brown	80	0	0	0	20	0	Weathered bedrock	Moist	Evergreen Forest	Valley bottom
K08E1400	506400	6994400	1173895	30-Jun-17		30-40	B	30 up	Dark brown	25	10	20	15	10	20	Loess - Organic rich	Partially Frozen	Alpine	Mid slope
K08E1500	506500	6994400	1173896	30-Jun-17		50-60	B/C	30 up	Dark grey	0	15	20	30	10	25	Weathered bedrock	Saturated	Deciduous Forest	Mid slope
K08E1550	506550	6994400	1173897	30-Jun-17		50-60	B/C	30 up	Dark grey	0	15	25	30	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K08E1600	506600	6994400	1173898	30-Jun-17		60-70	B/C	30 up	Dark brown	5	15	20	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			1173899	30-Jun-17															
K08E1650	506650	6994400	1173900	30-Jun-17		50-60	B/C	30 up	Light brown	0	20	25	30	10	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1700	506700	6994400	E5667910	30-Jun-17		50-60	B/C	30 up	Dark brown	0	20	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1750	506750	6994400	E5667911	30-Jun-17		40-50	C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1800	506800	6994400	E5667912	30-Jun-17		50-60	C	30 up	Dark grey	0	15	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1850	506850	6994400	E5667913	30-Jun-17		40-50	B/C	30 up	Dark brown	10	20	25	20	10	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1900	506900	6994400	E5667914	30-Jun-17		10-20	B/C	15-20	Light brown	5	15	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E1950	506950	6994400	E5667915	30-Jun-17		20-30	B/C	25-30	Light brown	0	15	25	30	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K08E2000	507000	6994400	E5667916	30-Jun-17		20-30	B	25-30	Light brown	5	15	25	20	10	25	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K09E0000	505000	6994500	1173802	02-Jul-17		40-50	B/C	30 up	Dark brown	0	25	15	20	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0050	505050	6994500	1173801	02-Jul-17		50-60	C	30 up	Light brown	0	25	20	15	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0100	505100	6994500	E5670609	02-Jul-17		50-60	B/C	30 up	Dark brown	10	10	20	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0150	505150	6994500	E5670608	02-Jul-17		30-40	B	30 up	Dark brown	0	15	20	20	10	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0200	505200	6994500	E5670607	02-Jul-17		50-60	B	30 up	Dark brown	15	20	25	10	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0250	505250	6994500	E5670606	02-Jul-17		20-30	B	25-30	Dark brown	30	0	10	25	15	20	Loess - Organic rich	Wet	Deciduous Forest	Mid slope
K09E0300	505300	6994500	E5670605	02-Jul-17		50-60	C	30 up	Dark brown	0	15	20	25	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0350	505350	6994500	E5670604	02-Jul-17		50-60	B/C	30 up	Dark brown	0	25	20	15	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0400	505400	6994500	E5670603	02-Jul-17		50-60	B/C	30 up	Dark brown	0	25	20	15	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0450	505450	6994500	E5670602	02-Jul-17		50-60	C	30 up	Dark brown	0	15	25	30	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0500	505500	6994500	E5670601	02-Jul-17		30-40	B	30 up	Dark brown	10	0	20	25	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0550	505550	6994500	E5670600	02-Jul-17		40-50	B/C	30 up	Dark brown	0	20	25	15	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0600	505600	6994500	E5670599	02-Jul-17		50-60	B/C	30 up	Dark brown	15	20	15	0	20	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0650	505650	6994500	E5670598	02-Jul-17		40-50	B	30 up	Dark brown	0	15	25	20	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0700	505700	6994500	E5670597	02-Jul-17		40-50	B/C	30 up	Dark brown	0	10	30	15	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0750	505750	6994500	E5670596	02-Jul-17		40-50	C	30 up	Dark brown	0	15	25	30	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0800	505800	6994500	E5670595	02-Jul-17		50-60	C	30 up	Dark brown	15	20	25	20	0	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
			E5670594	02-Jul-17														Deciduous Forest	Mid slope
K09E0850	505850	6994500	E5670593	02-Jul-17		50-60	B/C	30 up	Dark brown	0	25	20	15	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E0900	505900	6994500	E5670592	02-Jul-17		50-60	C	30 up	Dark brown	0	25	30	15	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E0950	505950	6994500	E5670591	02-Jul-17		50-60	B/C	30 up	Dark grey	0	20	25	10	15	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E1000	506000	6994500	E5670590	02-Jul-17		50-60	B/C	30 up	Dark grey	0	20	25	15	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E1050	506050	6994500	E5670589	02-Jul-17		50-60	B/C	30 up	Dark brown	10	10	15	20	15	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E1100	506100	6994500	E5670588	02-Jul-17		50-60	B/C	30 up	Light grey	15	20	25	0	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K09E1150	506150	6994500	E5670587	02-Jul-17		40-50	B/C	30 up	Light brown	0	10	20	30	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E1200	506200	6994500	E5670586	02-Jul-17		20-30	B/C	25-30	Dark brown	10	25	30	10	0	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K09E1400	506400	6994500	E5667930	29-Jun-17		50-60	C	30 up	Dark grey	0	20	25	15	15	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K09E1450	506450	6994500	E5667929	29-Jun-17		50-60	C	30 up	Dark grey	0	20	25	15	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1500	506500	6994500	E5667928	29-Jun-17		50-60	C	30 up	Dark grey	0	15	30	15	10	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K09E1550	506550	6994500	E5667927	29-Jun-17		50-60	B/C	30 up	Dark grey	0	25	30	15	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1600	506600	6994500	E5667926	29-Jun-17		40-50	C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1650	506650	6994500	E5667925	29-Jun-17		50-60	C	30 up	Dark grey	0	25	30	15	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1700	506700	6994500	E5667924	29-Jun-17		50-60	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1750	506750	6994500	E5667923	29-Jun-17		40-50	B/C	30 up	Light brown	0	15	30	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1800	506800	6994500	E5667922	29-Jun-17		40-50	B/C	30 up	Dark grey	0	15	20	20	15	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			E5667921	29-Jun-17															
K09E1850	506850	6994500	E5667920	29-Jun-17		30-40	B/C	30 up	Light brown	0	15	20	20	15	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1900	506900	6994500	E5667919	29-Jun-17		40-50	B/C	30 up	Light brown	0	15	20	25	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E1950	506950	6994500	E5667918	29-Jun-17		40-50	B/C	30 up	Light brown	0	15	25	30	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K09E2000	507000	6994500	E5667917	29-Jun-17		20-30	B/C	25-30	Light brown	0	15	25	20	10	30	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K10E0000	505000	6994600	1173410	02-Jul-17		10-20	B	2-5	Light brown	5	0	5	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0050	505050	6994600	1173409	02-Jul-17		10-20	B	2-5	Light brown	5	5	25	30	40	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0100	505100	6994600	1173408	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	40	30	20	5	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0150	505150	6994600	1173407	02-Jul-17		20-30	B/C	2-5	Light brown	0	5	30	30	20	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0200	505200	6994600	1173406	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	30	20	25	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0250	505250	6994600	1173405	02-Jul-17		10-20	B/C	2-5	Light brown	5	5	30	20	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0300	505300	6994600	1173404	02-Jul-17		10-20	B	2-5	Light brown	5	5	10	30	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope

K10E0350	505350	6994600	1173403	02-Jul-17		20-30	A/B	2-5	Dark brown	10	0	0	30	40	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0400	505400	6994600	1173402	02-Jul-17		20-30	A/B	2-5	Dark brown	20	0	5	30	30	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0450	505450	6994600	1173401	02-Jul-17		10-20	A/B	2-5	Dark brown	40	0	0	10	30	20	Loess - Organic rich	Wet	Evergreen Forest	Mid slope
K10E0500	505500	6994600	581350	02-Jul-17		20-30	A/B	2-5	Dark brown	30	0	0	5	30	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0550	505550	6994600	581349	02-Jul-17		10-20	B/C	2-5	Light brown	5	10	25	20	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0600	505600	6994600	581348	02-Jul-17		10-20	A	2-5	Dark brown	40	0	0	0	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0650	505650	6994600	581347	02-Jul-17		30-40	A/B	2-5	Dark brown	10	5	5	15	30	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0700	505700	6994600	581346	02-Jul-17		20-30	A/B	2-5	Light brown	5	5	10	30	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0750	505750	6994600	581345	02-Jul-17		10-20	A/B	2-5	Light brown	5	5	10	30	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			581344	02-Jul-17															
K10E0800	505800	6994600	581343	02-Jul-17		10-20	A/B	2-5	Light brown	10	0	5	30	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K10E0850	505834	6994597	581342	02-Jul-17		10-20	B	2-5	Light brown	5	0	10	10	35	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E0900	505900	6994600	581341	02-Jul-17		10-20	B/C	5-10	Light brown	0	5	30	30	20	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E0950	505950	6994600	581340	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	30	25	30	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E1000	506000	6994600	581339	02-Jul-17		10-20	B	2-5	Light brown	5	5	5	20	40	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E1050	506050	6994600	581338	02-Jul-17		10-20	A/B	1-2	Light brown	10	0	5	25	30	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E1100	506100	6994600	581337	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	10	25	35	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E1150	506150	6994600	581336	02-Jul-17		10-20	A/B	1-2	Light grey	10	0	5	10	40	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K10E1200	506200	6994600	581335	02-Jul-17		10-20	B	2-5	Light grey	5	0	0	10	40	45	Weathered bedrock	Wet	Buck Brush	Mid slope
K10E1350	506333	6994588	581180	29-Jun-17		30-40	B/C	5-10	Dark brown	10	10	10	20	20	30	Weathered bedrock	Saturated	Buck Brush	Mid slope
K10E1400	506400	6994600	581179	29-Jun-17		40-50	B/C	5-10	Light brown	10	5	15	20	25	25	Weathered bedrock	Saturated	Buck Brush	Mid slope
K10E1450	506450	6994600	581178	29-Jun-17		50-60	B/C	30 up	Dark brown	10	15	10	20	20	25	Weathered bedrock	Saturated	Buck Brush	Mid slope
K10E1500	506500	6994600	581177	29-Jun-17		20-30	B/C	10-15	Dark brown	10	5	10	25	20	30	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K10E1550	506550	6994600	581176	29-Jun-17		30-40	C	10-15	Light brown	0	10	10	25	35	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K10E1600	506600	6994600	581175	29-Jun-17		20-30	B/C	15-20	Light brown	5	5	10	20	30	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K10E1650	506650	6994600	581174	29-Jun-17		20-30	B/C	10-15	Light brown	5	5	10	30	30	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K10E1700	506700	6994600	581173	29-Jun-17		30-40	B	10-15	Light brown	10	5	20	25	30	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K10E1750	506750	6994600	581172	29-Jun-17		20-30	B/C	10-15	Light brown	5	5	25	25	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			581171	29-Jun-17															
K10E1800	506800	6994600	581170	29-Jun-17		40-50	B/C	15-20	Light brown	0	5	25	30	25	15	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K10E1850	506850	6994600	581169	29-Jun-17		40-50	C	25-30	Light brown	0	15	30	20	20	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K10E1900	506900	6994600	581168	29-Jun-17		20-30	C	10-15	Light brown	0	5	10	15	30	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K10E1950	506950	6994600	581167	29-Jun-17		30-40	C	10-15	Light brown	5	5	15	20	25	30	Weathered bedrock	Moist	Evergreen Forest	Plateau
K10E2000	507000	6994600	581166	29-Jun-17		30-40	B/C	10-15	Light brown	5	0	0	20	40	35	Weathered bedrock	Moist	Evergreen Forest	Plateau
K11E0000	505000	6994700	619824	2017-07-02		10-20	B	2-5	Light brown	10	0	0	50	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E0050	505050	6994700	619823	2017-07-02		10-20	B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E0100	505100	6994700	619822	2017-07-02		10-20	A/B	5-10	Light brown	10	0	0	40	25	25	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K11E0150	505150	6994700	619821	2017-07-02		10-20	A/B	2-5	Light brown	10	0	0	40	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E0200	505200	6994700	619820	2017-07-02		20-30	B/C	2-5	Light brown	0	10	20	50	10	10	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K11E0250	505250	6994700	619819	2017-07-02		10-20	A/B	1-2	Light brown	10	0	0	0	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E0300	505300	6994700	619818	2017-07-02		10-20	A/B	2-5	Light brown	10	0	0	0	50	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E0350	505350	6994700	619817	2017-07-02		10-20	B/C	2-5	Dark brown	10	0	0	50	25	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0400	505400	6994700	619816	2017-07-02		10-20	A/B	1-2	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E0450	505450	6994700	619815	2017-07-02		20-30	B/C	5-10	Light brown	10	0	0	50	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E0500	505500	6994700	619814	2017-07-02		10-20	A/B	2-5	Light brown	20	0	0	10	50	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0550	505550	6994700	619813	2017-07-02		20-30	A/B	2-5	Light brown	30	0	0	10	35	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0600	505600	6994700	619812	2017-07-02		10-20	A/B	2-5	Light brown	20	0	0	10	35	35	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K11E0650	505650	6994700	619811	2017-07-02		10-20	A/B	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0700	505700	6994700	619810	2017-07-02		20-30	A/B	2-5	Light brown	20	0	0	30	25	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			619809	2017-07-02		20-31	A/B	2-6	Light brown	20	0	0	30	25	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0750	505750	6994700	619808	2017-07-02		10-20	A/B	1-2	Dark brown	20	0	0	0	40	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K11E0800	505800	6994700	619807	2017-07-02		10-20	A/B	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E0850	505850	6994700	619806	2017-07-02		10-20	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E0900	505900	6994700	619805	2017-07-02		20-30	B/C	2-5	Light brown	10	0	0	50	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E0950	505950	6994700	619804	2017-07-02		30-40	B/C	2-5	Light brown	20	0	20	50	10	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1000	506000	6994700	619803	2017-07-02		10-20	B/C	2-5	Dark brown	10	0	20	20	25	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1050	506050	6994700	619802	2017-07-02		10-20	A/B	2-5	Dark brown	20	0	0	0	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E1100	506100	6994700	619801	2017-07-02		10-20	B/C	2-5	Dark brown	10	0	20	30	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E1150	506150	6994700	619450	2017-07-02		10-20	A/B	2-5	Dark brown	10	0	20	60	10	0	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K11E1200	506200	6994700	619449	2017-07-02		10-20	A/B	1-2	Dark brown	10	0	0	50	20	20	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K11E1300	506300	6994700	1173894	28-Jun-17		40-50	B	30 up	Dark brown	0	20	30	20	15	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K11E1350	506350	6994700	1173893	28-Jun-17		50-60	B/C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1400	506400	6994700	1173892	28-Jun-17		40-50	B/C	30 up	Dark grey	0	20	25	15	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1450	506450	6994700	1173891	28-Jun-17		50-60	B/C	30 up	Dark grey	0	20	25	15	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1500	506500	6994700	1173890	28-Jun-17		60-70	C	30 up	Dark grey	0	25	30	15	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1550	506550	6994700	1173889	28-Jun-17		50-60	C	30 up	Dark grey	0	20	30	25	10	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K11E1600	506600	6994700	1173888	28-Jun-17		60-70	C	30 up	Dark grey	0	15	30	15	15	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1650	506650	6994700	1173887	28-Jun-17		50-60	C	30 up	Light brown	0	25	30	15	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1700	506700	6994700	1173886	28-Jun-17		50-60	C	30 up	Light brown	0	25	30	10	15	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1750	506750	6994700	1173885	28-Jun-17		40-50	B/C	30 up	Light brown	5	15	25	15	10	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1800	506800	6994700	1173884	28-Jun-17		40-50	B/C	30 up	Light brown	0	25	30	15	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1850	506850	6994700	1173883	28-Jun-17		50-60	C	30 up	Light brown	0	25	35	15	5	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1900	506900	6994700	1173882	28-Jun-17		40-50	B	30 up	Light brown	20	15	25	15	5	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E1950	506950	6994700	1173881	28-Jun-17		40-50	C	30 up	Light brown	0	25	25	15	5	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K11E2000	507000	6994700	1173880	28-Jun-17		40-50	C	30 up	Light brown	0	15	35	15	20	20	Weathered bedrock	Moist	Evergreen Forest	Plateau
K12E0000	505000	6994800	581112	03-Jul-17		20-30	B	15-20	Ash (salt & pepper)	20	0	10	10	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0050	505050	6994800	581111	03-Jul-17		10-20	B	10-15	Dark brown	20	0	20	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0100	505100	6994800	581101	03-Jul-17		10-20	A	5-10	Dark brown	80	0	0	0	10	10	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K12E0150	505150	6994800	581102	03-Jul-17		10-20	B	10-15	Light grey	20	0	20	0	0	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E0200	505200	6994800	581103	03-Jul-17		20-30	A	10-15	Dark brown	80	0	0	0	10	10	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K12E0250	505250	6994800	581104	03-Jul-17		20-30	A/B	10-15	Dark brown	70	0	0	0	10	20	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K12E0300	505300	6994800	581105	03-Jul-17		20-30	A/B	10-15	Dark grey	40	0	0	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0350	505350	6994800	581106	03-Jul-17		40-50	B	15-20	Dark grey	10	0	10	0	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0400	505400	6994800	581107	03-Jul-17		10-20	A/B	5-10	Dark brown	30	0	10	0	0	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0450	505450	6994800	581108	03-Jul-17		30-40	B	15-20	Dark grey	0	0	10	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E0500	505500	6994800	581109	03-Jul-17		10-20	A/B	10-15	Dark brown	40	0	10	10	10	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E0550	505550	6994800	581110	03-Jul-17		10-20	B	10-15	Dark grey	10	0	0	0	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0600	505600	6994800	619862	03-Jul-17		30-40	B/C	25-30	Dark grey	0	0	50	40	10	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E0650	505650	6994800	619860	03-Jul-17		30-40	B/C	30 up	Dark grey	0	0	40	0	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			619859	03-Jul-17		30-40	B/C	30 up	Dark grey	0	0	40	0	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E0700	505700	6994800	619861	03-Jul-17		20-30	A/B	10-15	Dark grey	60	0	0	10	10	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K12E0750	505750	6994800	619863	03-Jul-17		10-20	A/B	5-10	Dark brown	40	0	0	10	20	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0800	505800	6994800	619863	03-Jul-17		30-40	B	10-15	Dark grey	20	0	0	10	20	50	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0850	505850	6994800	619864	03-Jul-17		10-20	A/B	5-10	Dark brown	30	0	0	10	10	50	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0900	505900	6994800	619865	03-Jul-17		40-50	B	10-15	Dark grey	10	0	10	20	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K12E0950	505950	6994800	619866	03-Jul-17		30-40	B	10-15	Dark grey	10	0	0	20	10	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E1000	506000	6994800	619867	03-Jul-17		10-20	A/B	5-10	Dark grey	60	0	10	0	0	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K12E1050	506050	6994800	619868	03-Jul-17		10-20	B	5-10	Dark grey	10	0	0	10	20	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E1100	506100	6994800	619867	03-Jul-17		20-30	B	10-15	Dark grey	10	0	10	10	10	60	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K12E1150	506150	6994800	619870	03-Jul-17		30-40	B	5-10	Dark grey	20	0	0	20	20	40	Weathered bedrock	Wet	Evergreen Forest	Valley bottom
K12E1200	506200	6994800	619871	03-Jul-17		30-40	A/B	10-15	Dark grey	40	0	0	20	20	40	Weathered bedrock	Frozen	Deciduous Forest	Valley bottom
K12E1250	506250	6994800	619872	03-Jul-17		10-20	A	5-10	Dark brown	80	0	0	10	10	0	Weathered bedrock	Partially Frozen	Deciduous Forest	Valley bottom
K12E1300	506300	6994800	E5672427	28-Jun-17	Placer Fill	0-10	C	5-10	Light brown	0	10	30	60	0	0	Fluvial - Stream/River	Dry	Deciduous Forest	Valley bottom
K12E1350	506350	6994800	E5672426	28-Jun-17		30-40	B/C	10-15	Dark grey	5	0	10	15	35	35	Weathered bedrock	Partially Frozen	Deciduous Forest	Mid slope
K12E1400	506400	6994800	E5672425	28-Jun-17		30-40	B	10-15	Dark brown	15	10	10	15	30	20	Weathered bedrock	Partially Frozen	Deciduous Forest	Mid slope
K12E1450	506450	6994800	E5672424	28-Jun-17		20-30	B	5-10	Black	15	30	15	10	20	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K12E1500	506500	6994800	E5672423	28-Jun-17		50-60	C	5-10	Dark grey	5	20	10	20	20	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K12E1550	506545	6994790	E5672422	28-Jun-17		20-30	C	5-10	Light brown	0	30	5	30	20	15	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K12E1600	506600	6994800	E5672421	28-Jun-17		20-30	C	2-5	Light brown	0	10	10	30	30	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K12E1650	506650	6994800	E5672419	28-Jun-17		30-40	C	5-10	Light brown	0	25	0	50	20	5	Weathered bedrock	Dry	Deciduous Forest	Mid slope
			E5672420	28-Jun-17															
K12E1700	506700	6994800	E5672418	28-Jun-17		30-40	B/C	5-10	Light brown	5	5	10	40	20	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K12E1750	506750	6994800	E5672417	28-Jun-17		40-50	C	10-15	Light brown	0	10	10	30	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K12E1800	506800	6994800	E5672416	28-Jun-17		30-40	C	5-10	Light brown	0	15	15	30	20	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K12E1850	506850	6994800	E5672415	28-Jun-17		40-50	C	5-10	Yellowish orange	0	20	5	10	25	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K12E1900	506900	6994800	E5672414	28-Jun-17		30-40	C	10-15	Yellowish orange	0	10	20	20	25	25	Till	Dry	Evergreen Forest	Ridge top
K12E1950	506950	6994800	E5672413	28-Jun-17		50-60	B/C	2-5	Olive grey	0	30	10	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K12E2000	507000	6994800	E5672412	28-Jun-17		30-40	C	5-10	Yellowish orange	0	80	5	5	5	5	Weathered bedrock	Saturated	Evergreen Forest	Ridge top
K13E0000	505000	6994900	1173840	03-Jul-17		50-60	C	30 up	Dark brown	0	20	30	15	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0050	505050	6994900	1173839	03-Jul-17		50-60	B/C	30 up	Dark brown	0	20	20	25	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0100	505100	6994900	1173838	03-Jul-17	Permafrost	40-50	B/C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0150	505150	6994900	1173837	03-Jul-17	Permafrost	40-50	B/C	30 up	Light brown	0	20	25	25	10	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0200	505200	6994900	1173836	03-Jul-17	Permafrost	50-60	C	30 up	Light grey	10	15	20	20	10	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0250	505250	6994900	1173835	03-Jul-17	Permafrost	50-60	C	30 up	Dark grey	0	15	25	30	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0300	505300	6994900	1173834	03-Jul-17	Permafrost	50-60	C	30 up	Dark grey	0	25	30	20	10	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0350	505350	6994900	1173833	03-Jul-17		60-70	C	30 up	Dark brown	0	25	30	15	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0400	505400	6994900	1173832	03-Jul-17		50-60	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0450	505450	6994900	1173831	03-Jul-17		50-60	B/C	30 up	Dark brown	0	15	20	25	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0500	505500	6994900	1173830	03-Jul-17		40-50	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0550	505550	6994900	1173829	03-Jul-17		30-40	B	30 up	Dark brown	20	10	20	15	10	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0600	505600	6994900	1173828	03-Jul-17		60-70	C	30 up	Light brown	0	15	30	20	25	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
			1173827	03-Jul-17															

K13E0650	505650	6994900	1173826	03-Jul-17		50-60	B/C	30 up	Dark grey	0	10	15	25	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0700	505700	6994900	1173825	03-Jul-17		40-50	B/C	30 up	Dark brown	0	10	25	20	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0750	505750	6994900	1173824	03-Jul-17		50-60	C	30 up	Dark brown	0	25	30	20	15	10	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0800	505800	6994900	1173823	03-Jul-17		60-70	C	30 up	Dark grey	0	25	30	10	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0850	505850	6994900	1173822	03-Jul-17		70-80	C	30 up	Dark grey	0	10	15	10	15	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E0900	505900	6994900	1173821	03-Jul-17		70-80	C	30 up	Dark grey	0	20	25	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E0950	505950	6994900	1173820	03-Jul-17		60-70	C	30 up	Light brown	0	15	25	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E1000	506000	6994900	1173819	03-Jul-17		40-50	B/C	30 up	Dark grey	0	20	25	15	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E1050	506050	6994900	1173818	03-Jul-17		30-40	B/C	30 up	Dark grey	0	10	15	20	20	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E1100	506100	6994900	1173817	03-Jul-17		40-50	B/C	30 up	Dark grey	0	10	25	20	15	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E1150	506150	6994900	1173816	03-Jul-17		40-50	B/C	30 up	Dark grey	0	15	20	20	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E1200	506200	6994900	1173815	03-Jul-17		50-60	B	30 up	Dark grey	15	20	25	0	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K13E1250	506250	6994900	1173814	03-Jul-17		40-50	B	30 up	Dark grey	15	0	20	25	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K13E1350	506350	6994900	581151	29-Jun-17		40-50	A/B	5-10	Dark brown	30	0	15	15	20	20	Fluvial - Stream/River	Wet	Evergreen Forest	Bench
K13E1400	506400	6994900	581152	29-Jun-17		30-40	B	5-10	Light brown	5	5	10	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K13E1450	506450	6994900	581153	29-Jun-17		40-50	B	5-10	Light brown	5	5	15	15	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K13E1500	506500	6994900	581154	29-Jun-17		20-30	B/C	5-10	Light brown	2.5	2.5	15	30	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K13E1550	506550	6994900	581155	29-Jun-17		40-50	B	5-10	Light brown	0	10	10	30	30	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K13E1600	506600	6994900	581156	29-Jun-17		60-70	B/C	15-20	Light brown	0	5	25	30	25	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			581157	29-Jun-17															
K13E1650	506650	6994900	581158	29-Jun-17		30-40	B/C	5-10	Light brown	0	5	5	10	40	40	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K13E1700	506700	6994900	581159	29-Jun-17		20-30	B/C	5-10	Light brown	5	10	10	25	25	25	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K13E1750	506750	6994900	581160	29-Jun-17		30-40	B/C	5-10	Light brown	5	10	30	25	15	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K13E1800	506800	6994900	581161	29-Jun-17		20-30	B/C	5-10	Light brown	5	5	35	25	15	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K13E1850	506850	6994900	581162	29-Jun-17		50-60	B/C	10-15	Light grey	0	5	15	20	30	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K13E1900	506900	6994900	581163	29-Jun-17		30-40	B/C	5-10	Light brown	5	5	10	30	20	30	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K13E1950	506950	6994900	581164	29-Jun-17		60-70	B/C	25-30	Light brown	0	5	30	20	25	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K13E2000	507000	6994900	581165	29-Jun-17		30-40	B/C	25-30	Light brown	0	10	40	20	15	15	Weathered bedrock	Moist	Evergreen Forest	Plateau
K14E0050	505050	6995000	1173452	03-Jul-17		10-20	A/B	2-5	Dark brown	15	0	5	10	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0100	505100	6995000	1173451	03-Jul-17		10-20	B	2-5	Light brown	0	5	15	15	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0150	505150	6995000	1173450	03-Jul-17		10-20	B	2-5	Dark brown	5	5	25	15	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0200	505200	6995000	1173449	03-Jul-17		10-20	B	2-5	Light brown	5	0	15	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0250	505250	6995000	1173448	03-Jul-17		10-20	B/C	2-5	Light brown	0	5	25	15	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0300	505300	6995000	1173447	03-Jul-17		10-20	A/B	2-5	Dark brown	25	0	5	5	30	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0350	505350	6995000	1173446	03-Jul-17		10-20	A/B	2-5	Dark brown	25	0	5	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0400	505400	6995000	1173445	03-Jul-17		10-20	B	5-10	Dark grey	0	5	25	25	30	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0450	505450	6995000	1173444	03-Jul-17		10-20	B/C	2-5	Light brown	0	5	35	20	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0500	505500	6995000	1173443	03-Jul-17		10-20	B/C	2-5	Light grey	0	5	10	15	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0550	505550	6995000	1173442	03-Jul-17		10-20	B	2-5	Light brown	5	5	20	30	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			1173441	03-Jul-17															
K14E0600	505600	6995000	1173440	03-Jul-17		10-20	A/B	2-5	Light brown	10	0	5	15	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0650	505650	6995000	1173439	03-Jul-17		10-20	B/C	5-10	Light brown	5	10	30	25	20	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0700	505700	6995000	1173438	03-Jul-17		10-20	B	2-5	Light brown	5	0	5	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0750	505750	6995000	1173437	03-Jul-17		10-20	A/B	2-5	Dark brown	15	0	5	10	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0800	505800	6995000	1173436	03-Jul-17		10-20	B/C	2-5	Light brown	5	5	15	10	40	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0850	505850	6995000	1173435	03-Jul-17		10-20	B	2-5	Light brown	10	0	5	10	35	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0900	505900	6995000	1173434	03-Jul-17		10-20	B	2-5	Light brown	5	0	5	10	45	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E0950	505950	6995000	1173433	03-Jul-17		20-30	B	2-5	Light brown	5	0	5	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E1000	506000	6995000	1173432	03-Jul-17		20-30	B/C	5-10	Light brown	0	5	10	15	40	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E1050	506050	6995000	1173431	03-Jul-17		10-20	B/C	2-5	Light brown	0	5	15	15	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E1100	506100	6995000	1173430	03-Jul-17		10-20	B	2-5	Light brown	0	5	20	20	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E1150	506150	6995000	1173429	03-Jul-17		10-20	B	2-5	Light brown	5	0	10	15	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K14E1200	506200	6995000	1173428	03-Jul-17		10-20	A/B	2-5	Light grey	5	0	5	10	30	50	Weathered bedrock	Wet	Evergreen Forest	Valley bottom
K14E1250	506250	6995000	1173427	03-Jul-17		20-30	A/B	5-10	Dark brown	25	0	0	15	30	30	Loess - Organic rich	Wet	Buck Brush	Valley bottom
K14E1400	506400	6995000	1549595	02-Jul-17		10-20	A	2-5	Light brown	60	0	0	20	20	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1450	506450	6995000	1549596	02-Jul-17		30-40	A/B	15-20	Light brown	40	0	10	10	20	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1500	506500	6995000	1549597	02-Jul-17		10-20	B	5-10	Light grey	10	0	10	40	40	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1550	506550	6995000	1549598	02-Jul-17		10-20	A/B	5-10	Light brown	20	0	50	10	20	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1600	506600	6995000	1549599	02-Jul-17		30-40	B/C	15-20	Dark grey	0	80	10	5	5	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1650	506650	6995000	619874	02-Jul-17		40-50	B/C	15-20	Light grey	10	0	40	20	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K14E1700	506700	6995000	619873	02-Jul-17		30-40	B/C	5-10	Light brown	0	0	50	10	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K14E1750	506750	6995000	619875	02-Jul-17		30-40	B	10-15	Light brown	0	0	0	10	10	80	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K14E1800	506800	6995000	619876	02-Jul-17		20-30	A/B	15-20	Light grey	60	0	0	20	20	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K14E1850	506850	6995000	619877	02-Jul-17		40-50	A/B	20-25	Dark grey	40	0	10	10	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K14E1900	506900	6995000	619878	02-Jul-17		20-30	B/C	5-10	Light brown	10	0	40	10	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K14E1950	506950	6995000	619879	02-Jul-17		30-40	B/C	10-15	Light grey	10	0	30	0	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K14E2000	507000	6995000	619880	02-Jul-17		30-40	B	15-20	Light grey	10	0	10	0	40	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K15E0000	505000	6995100	619833	2017-07-03		20-30	A/B	5-10	Light brown	30	0	0	30	20	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E0050	505050	6995100	619834	2017-07-03		10-20	A/B	2-5	Light brown	30	0	0	0	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K15E0100	505100	6995100	619835	2017-07-03		10-20	A/B	2-5	Light brown	30	0	0	10	30	30	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K15E0150	505150	6995100	619836	2017-07-03		10-20	A/B	1-2	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K15E0200	505200	6995100	619837	2017-07-03		20-30	B	5-10	Light brown	10	0	30	30	20	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E0250	505250	6995100	619838	2017-07-03		20-30	A/B	5-10	Light brown	10	0	20	40	10	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E0300	505300	6995100	619839	2017-07-03		20-30	A/B	2-5	Dark brown	10	0	20	30	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K15E0350	505350	6995100	619840	2017-07-03		20-30	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E0400	505400	6995100	619841	2017-07-03		10-20	A/B	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K15E0450	505450	6995100	619842	2017-07-03		20-30	B	5-10	Light brown	10	0	10	40	15	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E0500	505500	6995100	619843	2017-07-03		10-20	A/B	2-5	Light brown	10	0	20	20	25	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			619844	2017-07-03		10-21	A/B	2-6	Light brown	10	0	20	20	25	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E0550	505550	6995100	619845	2017-07-03		20-30	B	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E0600	505600	6995100	619846	2017-07-03		10-20	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K15E0650	505650	6995100	619847	2017-07-03		20-30	A/B	2-5	Light brown	20	0	0	10	35	35	Weathered bedrock	Partially Frozen	Deciduous Forest	Mid slope
K15E0700	505700	6995100	619848	2017-07-03		20-30	B/C	2-5	Light brown	20	0	0	20	30	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K15E0750	505750	6995100	619849	2017-07-03		20-30	A/B	2-5	Dark brown	20	0	0	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E0800	505800	6995100	619850	2017-07-03		10-20	B/C	2-5	Light brown	10	0	10	30	30	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K15E0850	505850	6995100	518801	2017-07-03		20-30	B/C	5-10	Light brown	10	0	10	30	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E0900	505900	6995100	518802	2017-07-03		10-20	A/B	2-5	Light brown	10	0	10	10	35	35	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K15E0950	505950	6995100	518803	2017-07-03		10-20	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K15E1000	506000	6995100	518804	2017-07-03		20-30	B	5-10	Dark brown	20	0	10	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E1050	506050	6995100	518805	2017-07-03		20-30	A/B	5-10	Dark grey	10	0	0	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K15E1100	506100	6995100	518806	2017-07-03		20-30	B	5-10	Dark grey	10	0	0	10	40	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K15E1150	506150	6995100	518807	2017-07-03		10-20	A/B	1-2	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K15E1200	506200	6995100	518808	2017-07-03		10-20	A/B	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K15E1250	506250	6995100	518809	2017-07-03		20-30	B	5-10	Dark brown	20	0	0	0	40	40	Weathered bedrock	Wet	Evergreen Forest	Valley bottom
K15E1350	506350	6995100	E5667953	30-Jun-17		30-40	A/B	30 up	Light brown	25	15	20	15	10	15	Loess - Organic rich	Partially Frozen	Deciduous Forest	Mid slope
K15E1400	506400	6995100	E5667954	30-Jun-17		50-60	C	30 up	Dark grey	0	25	30	10	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1450	506450	6995100	E5667955	30-Jun-17		50-60	C	30 up	Light brown	0	20	35	10	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1500	506500	6995100	1173813	02-Jul-17		70-80	C	30 up	Dark grey	0	15	20	25	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
			1173812	02-Jul-17															
K15E1550	506550	6995100	1173811	02-Jul-17		50-60	B/C	30 up	Light brown	0	10	20	25	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1650	506650	6995100	1173810	02-Jul-17		40-50	C	30 up	Light brown	0	15	25	20	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1700	506700	6995100	1173809	02-Jul-17		50-60	B/C	30 up	Light brown	0	10	20	30	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1750	506750	6995100	1173808	02-Jul-17		30-40	B	30 up	Light brown	0	10	30	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1800	506800	6995100	1173807	02-Jul-17		20-30	B	25-30	Light brown	0	15	25	20	10	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1850	506850	6995100	1173806	02-Jul-17		30-40	B/C	30 up	Light grey	0	10	15	25	15	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K15E1900	506900	6995100	1173805	02-Jul-17		40-50	C	30 up	Light brown	0	15	30	25	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K15E1950	506950	6995100	1173804	02-Jul-17		50-60	C	30 up	Light brown	0	10	25	20	15	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K15E2000	507000	6995100	1173803	02-Jul-17		50-60	C	30 up	Light brown	0	10	30	25	10	25	Weathered bedrock	Wet	Deciduous Forest	Plateau
K16E0000	505000	6995200	581810	2017-07-03		20-30	B	2-5	Dark brown	10	0	0	20	35	35	Weathered bedrock	Partially Frozen	Deciduous Forest	Mid slope
K16E0050	505050	6995200	581811	2017-07-03		20-30	B/C	2-5	Dark brown	10	30	0	30	15	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0100	505100	6995200	581812	2017-07-03		20-30	B/C	2-5	Light brown	5	0	20	50	15	10	Weathered bedrock	Moist	Buck Brush	Mid slope
K16E0200	505200	6995200	581965	04-Jul-17		20-30	B	2-5	Dark grey	5	0	15	10	40	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0250	505250	6995200	581966	04-Jul-17		20-30	B	5-10	Dark brown	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0300	505300	6995200	581967	04-Jul-17		10-20	B	5-10	Light brown	5	0	20	15	40	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0350	505350	6995200	581968	04-Jul-17		10-20	B	2-5	Light brown	5	0	5	20	40	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Plateau
K16E0400	505400	6995200	581969	04-Jul-17		20-30	B	5-10	Dark brown	5	5	10	15	40	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K16E0450	505450	6995200	581970	04-Jul-17		10-20	B/C	2-5	Light brown	5	5	20	15	35	20	Weathered bedrock	Wet	Evergreen Forest	Plateau
			581971	04-Jul-17															
K16E0500	505500	6995200	581972	04-Jul-17		10-20	B/C	2-5	Light brown	0	5	20	15	35	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K16E0550	505550	6995200	581973	04-Jul-17		20-30	B/C	5-10	Light grey	0	5	15	15	40	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K16E0600	505600	6995200	581974	04-Jul-17		20-30	B/C	5-10	Light grey	5	10	20	20	30	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0650	505650	6995200	581975	04-Jul-17		10-20	B/C	5-10	Light grey	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0700	505700	6995200	581964	03-Jul-17		10-20	B	2-5	Dark grey	5	0	15	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0750	505750	6995200	581963	03-Jul-17		20-30	B	5-10	Dark brown	5	0	20	15	25	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0800	505800	6995200	581962	03-Jul-17		10-20	B	2-5	Light grey	5	0	0	5	45	45	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0850	505850	6995200	581961	03-Jul-17		10-20	B	2-5	Dark brown	10	0	15	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0900	505900	6995200	581960	03-Jul-17		10-20	A/B	2-5	Dark brown	25	0	10	5	35	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E0950	505950	6995200	581959	03-Jul-17		20-30	B	5-10	Dark brown	5	5	30	20	20	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1000	506000	6995200	581958	03-Jul-17		10-20	B/C	2-5	Light brown	0	0	20	15	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1050	506050	6995200	581957	03-Jul-17		30-40	B	5-10	Light grey	5	0	0	15	45	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K16E1100	506100	6995200	581956	03-Jul-17		20-30	A/B	5-10	Dark brown	10	0	0	15	40	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1150	506150	6995200	581955	03-Jul-17		20-30	B	5-10	Dark brown	15	0	0	5	40	40	Loess - Organic rich	Wet	Evergreen Forest	Mid slope

K16E1200	506200	6995200	581954	03-Jul-17		20-30	B	5-10	Dark brown	15	0	5	5	40	35	Loess - Organic rich	Wet	Evergreen Forest	Valley bottom
K16E1250	506250	6995200	581953	03-Jul-17		30-40	A/B	15-20	Dark brown	15	0	0	5	40	40	Loess - Organic rich	Wet	Evergreen Forest	Valley bottom
K16E1300	506300	6995200	1173426	03-Jul-17		40-50	A/B	15-20	Dark brown	15	0	0	5	40	40	Loess - Organic rich	Wet	Evergreen Forest	Valley bottom
K16E1400	506400	6995200	581304	30-Jun-17		30-40	B/C	5-10	Light brown	5	5	35	20	20	15	Fluvial - Stream/River	Wet	Evergreen Forest	Bench
K16E1450	506450	6995200	581305	30-Jun-17		20-30	C	10-15	Light brown	0	10	40	20	20	10	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			581306	30-Jun-17															
K16E1500	506500	6995200	581307	30-Jun-17		30-40	B/C	10-15	Light brown	5	5	10	10	40	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1550	506550	6995200	581308	30-Jun-17		10-20	B	2-5	Light brown	5	5	10	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1600	506600	6995200	581309	30-Jun-17		20-30	B/C	5-10	Light brown	5	10	10	25	35	15	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K16E1650	506650	6995200	1173411	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	10	20	40	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1700	506700	6995200	1173412	02-Jul-17		10-20	B/C	2-5	Light brown	5	10	30	30	15	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1750	506750	6995200	1173413	02-Jul-17		30-40	B/C	2-5	Light brown	0	5	5	30	40	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1800	506800	6995200	1173414	02-Jul-17		20-30	B	2-5	Light brown	0	5	10	25	35	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K16E1850	506850	6995200	1173415	02-Jul-17		20-30	B/C	5-10	Light brown	0	5	20	35	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1900	506900	6995200	1173416	02-Jul-17		10-20	B/C	2-5	Light brown	0	10	20	30	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E1950	506950	6995200	1173417	02-Jul-17		10-20	B/C	2-5	Light grey	5	5	20	35	20	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K16E2000	507000	6995200	1173418	02-Jul-17		10-20	B/C	2-5	Light brown	0	5	30	25	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K17W0100	504900	6995300	581820	2017-07-03		10-20	B	5-10	Light brown	10	0	0	20	60	10	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K17W0050	504950	6995300	581819	2017-07-03		10-20	B	5-10	Light grey	10	0	10	40	40	0	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K17E0000	505000	6995300	581818	2017-07-03		20-30	B/C	5-10	Light brown	10	0	0	15	40	35	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K17E0050	505050	6995300	581817	2017-07-03		20-30	B/C	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K17E0100	505100	6995300	581816	2017-07-03		10-20	A/B	2-5	Dark brown	10	0	0	30	30	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K17E0150	505150	6995300	581815	2017-07-03		20-30	B/C	5-10	Light brown	10	0	20	50	20	0	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K17E0200	505200	6995300	581814	2017-07-03		20-30	B/C	5-10	Light brown	10	0	10	50	15	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K17E0250	505250	6995300	581813	2017-07-03		10-20	B/C	2-5	Light brown	0	0	10	70	20	0	Fluvial - Stream/River	Saturated	Buck Brush	Mid slope
K17E0300	505300	6995300	581985	04-Jul-17		10-20	B	5-10		5	0	15	20	30	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E0350	505350	6995300	581984	04-Jul-17		40-50	A/B	10-15	Dark brown	10	0	5	10	35	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			581983	04-Jul-17															
K17E0400	505400	6995300	581982	04-Jul-17		10-20	A/B	5-10	Light brown	15	0	20	20	30	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K17E0450	505450	6995300	581981	04-Jul-17		20-30	B	5-10	Dark grey	5	0	15	20	35	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K17E0500	505500	6995300	581980	04-Jul-17		30-40	B/C	10-15	Light brown	5	0	30	10	30	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K17E0550	505550	6995300	581979	04-Jul-17		10-20	B	5-10	Light grey	5	0	15	10	40	30	Weathered bedrock	Wet	Evergreen Forest	Plateau
K17E0600	505600	6995300	581978	04-Jul-17		20-30	B/C	5-10	Light grey	5	0	15	10	40	30	Weathered bedrock	Wet	Evergreen Forest	Plateau
K17E0650	505650	6995300	581977	04-Jul-17		10-20	B/C	5-10	Light brown	0	5	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K17E0700	505700	6995300	581976	04-Jul-17		10-20	B/C	5-10	Light grey	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K17E0750	505750	6995300	1173850	2017-07-03		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E0800	505800	6995300	1173849	2017-07-03		60-70	B/C	30 up	Dark grey	0	10	20	20	15	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E0850	505850	6995300	1173848	2017-07-03		40-50	B/C	30 up	Dark grey	10	15	20	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E0900	505900	6995300	1173847	2017-07-03		60-70	C	30 up	Dark grey	0	10	15	25	10	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K17E0950	505950	6995300	1173846	2017-07-03		50-60	B/C	30 up	Dark grey	0	10	20	25	15	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E1000	506000	6995300	1173845	2017-07-03		50-60	C	30 up	Dark grey	0	10	15	20	20	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E1050	506050	6995300	1173844	2017-07-03		40-50	B/C	30 up	Dark grey	0	0	25	20	20	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E1100	506100	6995300	1173843	2017-07-03		50-60	C	30 up	Dark grey	0	10	15	20	15	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K17E1150	506150	6995300	1173842	2017-07-03		40-50	B/C	30 up	Dark grey	0	0	30	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E1200	506200	6995300	1173841	2017-07-03		50-60	B	30 up	Dark grey	15	0	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K17E1250	506250	6995300	619405	2017-06-30		10-20	B	1-2	Light brown	0	0	0	0	50	50	Fluvial - Stream/River	Frozen	Evergreen Forest	Valley bottom
K17E1300	506300	6995300	619406	2017-06-30		20-30	B	2-5	Light brown	0	0	0	0	50	50	Fluvial - Stream/River	Frozen	Evergreen Forest	Valley bottom
			619407	2017-06-30		20-30	B	2-5	Light brown							Fluvial - Stream/River	Frozen	Evergreen Forest	Valley bottom
K17E1350	506350	6995300	619408	2017-06-30		20-30	B	15-20	Light brown	20	0	0	0	40	40	Fluvial - Stream/River	Moist	Evergreen Forest	Valley bottom
K17E1400	506400	6995300	619409	2017-06-30		10-20	B/C	5-10	Light brown	10	0	50	30	10	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1450	506450	6995300	619410	2017-06-30		10-20	B/C	5-10	Light brown	10	0	40	30	30	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K17E1500	506500	6995300	619438	2017-07-01		10-20	B/C	5-10	Light brown	10	10	10	50	10	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1550	506550	6995300	619439	2017-07-01		10-20	B/C	2-5	Light brown	0	30	20	20	10	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K17E1600	506600	6995300	619440	2017-07-01		20-30	B/C	5-10	Light grey	10	20	30	0	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1650	506650	6995300	619441	2017-07-01		10-20	B/C	2-5	Light brown	10	30	20	20	10	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1700	506700	6995300	619442	2017-07-01		20-30	B/C	2-5	Dark brown	10	20	20	20	15	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1750	506750	6995300	619443	2017-07-01		20-30	B/C	5-10	Light brown	20	20	15	30	15	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1800	506800	6995300	619444	2017-07-01		30-40	B/C	5-10	Light brown	10	0	30	30	15	15	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K17E1850	506850	6995300	619445	2017-07-01		10-20	B/C	5-10	Light brown	10	0	40	20	15	15	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K17E1900	506900	6995300	619446	2017-07-01		10-20	B/C	5-10	Light brown	10	0	30	30	15	15	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K17E1950	506950	6995300	619447	2017-07-01		20-30	B/C	5-10	Light brown	10	20	20	30	15	5	Weathered bedrock	Moist	Evergreen Forest	Ridge top
K17E2000	507000	6995300	619448	2017-07-01		20-30	B/C	5-10	Light brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
K18W0200	504800	6995400	581821	2017-07-04		30-40	B/C	2-5	Light brown	10	0	10	40	20	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18W0150	504850	6995400	581822	2017-07-04		30-40	B/C	5-10	Light brown	0	0	10	50	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18W0100	504900	6995400	581823	2017-07-04		20-30	B/C	5-10	Light brown	0	0	10	50	30	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18W0050	504950	6995400	581824	2017-07-04		10-20	B/C	2-5	Light brown	10	0	0	30	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope

K18E0000	505000	6995400	581825	2017-07-04		30-40	B/C	5-10	Light brown	10	0	20	30	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E0050	505050	6995400	581826	2017-07-04		30-40	B/C	10-15	Light brown	10	0	0	30	40	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			581827	2017-07-04		30-41	B/C	10-16	Light brown	10	0	0	30	40	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0100	505100	6995400	581828	2017-07-04		20-30	B/C	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0150	505150	6995400	581829	2017-07-04		30-40	B/C	5-10	Light brown	10	0	0	30	40	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0200	505200	6995400	581830	2017-07-04		30-40	B/C	10-15	Light grey	10	0	0	20	30	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0250	505250	6995400	581831	2017-07-04		30-40	B/C	10-15	Dark brown	10	0	0	40	30	20	Weathered bedrock	Saturated	Deciduous Forest	Mid slope
K18E0300	505300	6995400	581832	2017-07-04		30-40	B/C	15-20	Dark brown	10	0	0	30	30	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0350	505350	6995400	581833	2017-07-04		0-10	B	1-2	Light brown	0	0	30	70	0	0	Fluvial - Stream/River	Wet	Buck Brush	Mid slope
K18E0400	505400	6995400	581834	2017-07-04		20-30	A/B	2-5	Light brown	10	0	0	0	45	45	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K18E0450	505450	6995400	581835	2017-07-04		10-20	A/B	5-10	Light brown	10	0	20	30	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E0500	505500	6995400	581836	2017-07-04		20-30	B/C	5-10	Light brown	10	0	40	30	10	10	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
K18E0550	505550	6995400	581837	2017-07-04		20-30	A/B	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
K18E0600	505600	6995400	581838	2017-07-04		10-20	A/B	2-5	Light brown	20	0	0	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E0650	505650	6995400	581839	2017-07-04		20-30	B/C	5-10	Light brown	10	0	10	50	20	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E0700	505700	6995400	581840	2017-07-04		20-30	B/C	5-10	Yellowish orange	10	0	10	40	20	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K18E0750	505750	6995400	581841	2017-07-04		30-40	B/C	15-20	Yellowish orange	10	0	0	30	40	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
K18E0800	505800	6995400	619856	03-Jul-17		20-30	B/C	10-15	Light grey	10	0	30	30	30	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K18E0850	505850	6995400	619855	03-Jul-17		10-20	A/B	5-10	Dark grey	40	0	0	10	20	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E0900	505900	6995400	581113	03-Jul-17		10-20	A/B	2-5	Dark brown	50	0	10	0	20	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K18E0950	505950	6995400	581114	03-Jul-17		20-30	B	2-5	Dark grey	10	0	10	0	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E1000	506000	6995400	581115	03-Jul-17		20-30	B	5-10	Light grey	10	0	10	10	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E1050	506050	6995400	581118	03-Jul-17		40-50	B	15-20	Dark grey	10	0	10	0	10	70	Weathered bedrock	Wet	Deciduous Forest	Valley bottom
			581116	03-Jul-17		40-50	B	15-20	Dark brown	10	0	10	0	10	70	Weathered bedrock	Wet	Deciduous Forest	Valley bottom
K18E1100	506100	6995400	581117	03-Jul-17		30-40	B	10-15	Dark grey	20	0	10	0	10	60	Weathered bedrock	Wet	Deciduous Forest	Valley bottom
K18E1150	506150	6995400	581119	03-Jul-17	permafrost	10-20	A/B	2-5	Dark grey	20	0	10	10	20	40	Weathered bedrock	Wet	Deciduous Forest	Valley bottom
K18E1200	506200	6995400	581120	03-Jul-17	permafrost	10-20	B	5-10	Dark grey	20	0	10	0	10	60	Weathered bedrock	Wet	Deciduous Forest	Valley bottom
K18E1250	506250	6995400	619823	2017-07-02		20-30	B	2-5	Dark brown	10	0	0	30	30	30	Fluvial - Stream/River	Moist	Evergreen Forest	Valley bottom
K18E1300	506300	6995400	619824	2017-07-02		10-20	A/B	1-2	Dark brown	20	0	0	20	30	30	Fluvial - Stream/River	Frozen	Evergreen Forest	Valley bottom
K18E1350	506350	6995400	619825	2017-07-02		10-20	A/B	2-5	Dark brown	30	0	0	10	30	30	Fluvial - Stream/River	Frozen	Evergreen Forest	Valley bottom
K18E1400	506400	6995400	619826	2017-07-02		20-30	B	5-10	Light brown	0	0	0	60	20	20	Fluvial - Stream/River	Moist	Evergreen Forest	Valley bottom
K18E1450	506450	6995400	619827	2017-07-02		10-20	B	2-5	Light brown	20	0	20	40	10	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E1500	506500	6995400	619828	2017-07-02		20-30	B/C	2-5	Light brown	10	0	0	50	30	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K18E1550	506550	6995400	619829	2017-07-02		20-30	B/C	5-10	Light brown	20	0	10	40	20	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K18E1600	506600	6995400	619830	2017-07-02		10-20	B/C	2-5	Light brown	10	0	30	30	15	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E1650	506650	6995400	1173425	02-Jul-17		10-20	B	5-10	Light grey	5	20	15	30	20	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E1700	506700	6995400	1173424	02-Jul-17		20-30	B/C	5-10	Light brown	0	5	10	15	40	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E1800	506800	6995400	1173423	02-Jul-17		10-20	B	2-5	Light brown	0	5	15	20	35	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K18E1850	506850	6995400	1173422	02-Jul-17		10-20	B	2-5	Light brown	0	15	20	20	15	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E1900	506900	6995400	1173421	02-Jul-17		10-20	B	2-5	Light brown	0	5	10	20	40	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K18E1950	506950	6995400	1173420	02-Jul-17		20-30	B/C	5-10	Light brown	0	0	5	20	45	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K18E2000	507000	6995400	1173419	02-Jul-17		30-40	B/C	2-5	Light brown	0	0	10	20	45	25	Weathered bedrock	Wet	Evergreen Forest	Plateau
K19W0200	504800	6995500	1173951	2017-07-04		50-60	B/C	30 up	Light brown	0	20	25	20	10	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
			1173952	2017-07-04															
K19W0150	504850	6995500	1173953	2017-07-04		40-50	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19W0100	504900	6995500	1173954	2017-07-04		50-60	C	30 up	Dark grey	0	25	30	20	10	15	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19W0050	504950	6995500	1173955	2017-07-04		60-70	C	30 up	Dark grey	0	20	30	20	10	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0000	505000	6995500	1173956	2017-07-04		50-60	C	30 up	Dark grey	0	15	25	20	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0050	505050	6995500	1173957	2017-07-04		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0100	505100	6995500	1173958	2017-07-04		50-60	C	30 up	Dark grey	0	0	25	20	15	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0150	505150	6995500	1173959	2017-07-04		60-70	C	30 up	Dark grey	0	10	15	20	15	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0200	505200	6995500	1173960	2017-07-04		50-60	C	30 up	Dark grey	0	15	15	20	10	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0250	505250	6995500	1173961	2017-07-04		50-60	C	30 up	Dark grey	0	15	20	20	15	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0300	505300	6995500	1173962	2017-07-04		60-70	C	30 up	Dark grey	0	10	20	20	10	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0350	505350	6995500	1173963	2017-07-04		50-60	B/C	30 up	Dark grey	0	15	10	20	15	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0450	505450	6995500	1173964	2017-07-04		40-50	C	30 up	Light brown	0	10	30	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0500	505500	6995500	1173965	2017-07-04		50-60	B/C	30 up	Dark grey	0	10	20	30	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0550	505550	6995500	1173966	2017-07-04		50-60	B/C	30 up	Light brown	0	10	20	20	15	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0600	505600	6995500	1173967	2017-07-04		40-50	B/C	30 up	Light brown	0	15	25	20	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E0650	505650	6995500	1173968	2017-07-04		40-50	B/C	30 up	Light brown	0	25	25	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0700	505700	6995500	1173969	2017-07-04		50-60	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Moist	Deciduous Forest	Plateau
K19E0750	505750	6995500	1173970	2017-07-04		60-70	C	30 up	Light brown	0	15	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Plateau
K19E0800	505800	6995500	1173971	2017-07-04		70-80	C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Plateau
			1173972	2017-07-04															
K19E0850	505850	6995500	1173973	2017-07-04		60-70	C	30 up	Light brown	0	15	30	25	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
K19E0900	505900	6995500	1173974	2017-07-04		60-70	B/C	30 up	Dark brown	0	10	15	25	15	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope

K19E0950	505950	6995500	1173975	2017-07-04		50-60	B/C	30 up	Dark grey	0	0	25	20	15	40	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K19E1000	506000	6995500	1173976	2017-07-04		50-60	B/C	30 up	Dark brown	0	0	20	25	20	35	Weathered bedrock	Wet	Deciduous Forest	Mid slope
K20W0300	504700	6995600	1549641	2017-07-04	permafrost	20-30	A/B	5-10	Dark brown	40	0	0	10	20	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
K20W0250	504750	6995600	1549642	2017-07-04		10-20	B	2-5	Dark grey	20	0	0	0	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K20W0200	504800	6995600	1549643	2017-07-04		10-20	B	5-10	Dark grey	20	0	10	10	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K20W0150	504850	6995600	619857	2017-07-04		20-30	B	5-10	Dark grey	20	0	10	0	10	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K20W0100	504900	6995600	619858	2017-07-04		10-20	A/B	5-10	Dark grey	20	0	10	0	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K20W0050	504950	6995600	619854	2017-07-04		20-30	B	10-15	Dark grey	20	0	10	0	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0000	505000	6995600	619853	2017-07-04		10-20	A/B	5-10	Light brown	20	0	10	10	60	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K20E0050	505050	6995600	619852	2017-07-04		10-20	A/B	2-5	Dark grey	40	0	0	0	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0100	505100	6995600	619851	2017-07-04		10-20	B	5-10	Light grey	10	0	0	10	40	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0150	505150	6995600	1549650	2017-07-04		20-30	A/B	5-10	Dark grey	20	0	10	0	0	70	Weathered bedrock	Wet	Evergreen Forest	Mid slope
K20E0200	505200	6995600	1549644	2017-07-04		50-60	B	30 up	Light grey	10	0	0	10	60	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K20E0250	505250	6995600	1549645	2017-07-04		50-60	B	30 up	Light grey	20	0	10	10	60	0	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K20E0300	505300	6995600	1549646	2017-07-04		40-50	B	25-30	Light grey	20	0	0	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0350	505350	6995600	1549647	2017-07-04		30-40	B	15-20	Dark grey	30	0	0	0	40	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K20E0400	505400	6995600	1549648	2017-07-04		30-40	B	10-15	Dark grey	20	0	10	10	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0450	505450	6995600	1549649	2017-07-04		10-20	B/C	5-10	Light grey	10	0	50	20	20	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			22751	2017-07-04		10-20	B/C	5-10	Light grey	10	0	50	20	20	0	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0500	505500	6995600	22752	2017-07-04		10-20	A/B	2-5	Dark grey	30	0	0	10	10	50	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0550	505550	6995600	22753	2017-07-04		30-40	B/C	10-15	Light grey	10	0	30	0	10	50	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0600	505600	6995600	22754	2017-07-04		10-20	B	2-5	Dark grey	20	0	10	0	30	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0650	505650	6995600	22755	2017-07-04		10-20	A/B	5-10	Dark grey	30	0	40	0	0	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0700	505700	6995600	22756	2017-07-04		10-20	A/B	2-5	Light brown	40	0	10	0	10	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0750	505750	6995600	22757	2017-07-04		10-20	B/C	5-10	Light brown	20	0	40	0	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0800	505800	6995600	22758	2017-07-04		30-40	B/C	10-15	Light brown	10	0	40	10	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0850	505850	6995600	22759	2017-07-04		10-20	B/C	5-10	Light brown	10	0	20	0	40	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
K20E0900	505900	6995600	22760	2017-07-04		40-50	B	5-10	Dark grey	10	0	20	0	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E0950	505950	6995600	22761	2017-07-04		30-40	B	5 10	Dark grey	20	0	0	10	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
K20E1000	506000	6995600	22762	2017-07-04		30-40	B	5 10	Dark grey	10	0	10	10	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
KS0000	503707	6993758	22682	02-Jul-17		40-50	B/C	10-15	Light grey	0	5	5	30	30	30	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0050	503729	6993807	22683	02-Jul-17		40-50	B	5-10	Light brown	5	0	0	40	40	15	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0100	503749	6993854	22684	02-Jul-17		10-20	A/B	2-5	Light grey	10	5	0	30	30	25	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0200	503796	6993945	22685	02-Jul-17		30-40	B/C	2-5	Light brown	5	10	10	25	25	25	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0250	503807	6993995	22686	02-Jul-17		20-30	B/C	5-10	Dark brown	5	5	15	30	30	15	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0300	503831	6994042	22687	02-Jul-17		40-50	C	5-10	Light brown	0	15	10	30	25	20	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0350	503885	6994077	22688	02-Jul-17		10-20	B	5-10	Light brown	5	0	0	30	45	20	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0400	503900	6994119	22689	02-Jul-17		20-30	B	2-5	Light grey	5	0	5	20	45	25	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0450	503930	6994171	22690	02-Jul-17		20-30	B	2-5	Dark brown	5	10	0	25	30	30	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0500	503946	6994211	22691	02-Jul-17		20-30	B	2-5	Light brown	10	5	5	45	20	20	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0550	503971	6994254	22692	02-Jul-17		40-50	B/C	5-10	Light brown	10	10	5	20	30	25	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0600	504001	6994297	22693	02-Jul-17		20-30	B/C	10-15	Light brown	5	10	15	30	20	20	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0650	504041	6994327	22694	02-Jul-17		40-50	A/B	15-20	Dark brown	15	0	0	30	40	15	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0700	504077	6994326	22695	02-Jul-17		30-40	B/C	5-10	Light brown	10	15	10	25	20	20	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0750	504106	6994416	22696	02-Jul-17		40-50	B	10-15	Dark brown	5	0	10	30	35	20	Weathered bedrock	Wet	Buck Brush	Mid slope
KS0800	504145	6994454	22697	02-Jul-17		10-20	B/C	2-5	Light brown	5	10	15	30	15	25	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0850	504181	6994496	22698	02-Jul-17		40-50	B	15-20	Dark grey	5	10	15	30	20	20	Weathered bedrock	Wet	Buck Brush	Mid slope
			22699	02-Jul-17												Weathered bedrock		Buck Brush	Mid slope
KS0900	504215	6994538	22700	02-Jul-17		50-60	B/C	10-15	Dark brown	5	5	15	25	25	25	Weathered bedrock	Moist	Buck Brush	Mid slope
KS0950	504245	6994583	22701	02-Jul-17		30-40	B/C	5-10	Light brown	5	5	15	30	30	15	Weathered bedrock	Moist	Buck Brush	Mid slope
KS1000	504265	6994620	22702	02-Jul-17		60-70	B/C	15-20	Light brown	5	15	20	30	15	15	Fluvial - Stream/River	Moist	Deciduous Forest	Valley bottom
H00E0000	504090	6994880	22801	05-Jul-17		20-30	B	5-10	Light brown	20	0	10	10	40	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H00E0050	504140	6994880	22802	05-Jul-17		10-20	A/B	5-10	Dark grey	30	0	10	0	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H00E0100	504190	6994880	22803	05-Jul-17		20-30	B	5-10	Light brown	20	0	10	20	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H00E0150	504240	6994880	22804	05-Jul-17		20-30	A/B	2-5	Light brown	40	0	20	10	10	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H00E0200	504290	6994880	22805	05-Jul-17		20-30	B/C	10-15	Light brown	10	0	40	20	20	10	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H00E0250	504340	6994880	22806	05-Jul-17		10 20	A/B	2-5	Dark grey	40	0	10	0	20	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H00E0300	504390	6994880	22807	05-Jul-17		10 20	A/B	5-10	Dark grey	30	0	10	0	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H00E0350	504440	6994880	22808	05-Jul-17		10 20	A/B	5-10	Light grey	40	0	10	20	20	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H00E0400	504490	6994880	22809	05-Jul-17		10 20	B	5-10	Light grey	20	0	10	20	20	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H01E0000	504090	6994980	1173977	05-Jul-17		40-50	B/C	30 up	Dark brown	10	0	20	20	20	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H01E0025	504115	6994980	1173978	05-Jul-17		50-60	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H01E0050	504140	6994980	1173979	05-Jul-17		40-50	B	30 up	Dark brown	0	10	15	25	15	35	Weathered bedrock	Partially Frozen	Deciduous Forest	Mid slope
H01E0075	504165	6994980	1173980	05-Jul-17		30-40	B/C	30 up	Dark brown	10	25	20	15	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H01E0100	504190	6994980	1173981	05-Jul-17		40-50	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H01E0125	504215	6994980	1173982	05-Jul-17		50-60	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope

H01E0150	504240	6994980	1173983	05-Jul-17		50-60	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H01E0175	504265	6994980	1173984	05-Jul-17		40-50	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H01E0200	504290	6994980	1173985	05-Jul-17		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H01E0225	504315	6994980	22817	05-Jul-17		10 20	B	10-15	Light grey	30	0	20	10	20	20	Weathered bedrock	moist	evergreen forest	mid slope
H01E0250	504340	6994980	22815	05-Jul-17		10 20	B	5 10	Dark grey	10	0	10	0	20	60	Weathered bedrock	moist	evergreen forest	mid slope
			22816	05-Jul-17		10 20	B	5 10	Dark grey	10	0	10	0	20	60	Weathered bedrock	moist	evergreen forest	mid slope
H01E0275	504365	6994980	22813	05-Jul-17		10 20	B	5 10	light grey	10	0	20	0	30	40	Weathered bedrock	moist	evergreen forest	mid slope
H01E0300	504390	6994980	22813	05-Jul-17		10 20	A/B	5 10	Dark grey	40	0	10	0	10	40	Weathered bedrock	moist	evergreen forest	mid slope
H01E0325	504415	6994980	22729	05-Jul-17		20 30	B	5 10	Dark brown	20	0	10	20	20	30	Weathered bedrock	moist	evergreen forest	mid slope
H01E0350	504440	6994980	22812	05-Jul-17		20 30	A	5 10	Dark brown	40	0	10	0	10	40	Weathered bedrock	moist	evergreen forest	mid slope
H01E0375	504465	6994980	22816	05-Jul-17		10 20	A/B	2 5	Light brown	20	0	10	10	40	20	Weathered bedrock	moist	evergreen forest	mid slope
H01E0400	504490	6994980	22810	05-Jul-17		10 20	A/B	5 10	Light brown	30	0	10	0	10	50	Weathered bedrock	moist	evergreen forest	mid slope
H02E0000	504090	6995030	1173995	05-Jul-17		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0025	504115	6995030	1173994	05-Jul-17		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0050	504140	6995030	1173993	05-Jul-17		60-70	C	30 up	Dark grey	0	20	30	20	10	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H02E0075	504165	6995030	1173992	05-Jul-17		60-70	C	30 up	Dark grey	0	20	25	20	15	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H02E0100	504190	6995030	1173991	05-Jul-17		60-70	C	30 up	Dark grey	0	15	25	20	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0125	504215	6995030	1173990	05-Jul-17		50-60	C	30 up	Dark grey	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0150	504240	6995030	1173989	05-Jul-17		50-60	B/C	30 up	Dark grey	0	15	20	25	10	30	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0175	504265	6995030	1173988	05-Jul-17		40-50	C	30 up	Dark grey	0	10	30	25	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0200	504290	6995030	1173987	05-Jul-17		50-60	C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0225	504315	6995030	1173986	05-Jul-17		50-60	B/C	30 up	Light brown	10	15	20	20	15	20	Weathered bedrock	Wet	Deciduous Forest	Mid slope
H02E0250	504358	6995030	22713	05-Jul-17		10-20	B	5-10	Light brown	5	0	15	10	40	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H02E0275	504365	6995030	22714	05-Jul-17		10-20	A/B	5-10	Dark brown	20	0	10	15	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H02E0300	504390	6995030	22715	05-Jul-17		30-40	B	10-15	Light brown	5	0	10	10	35	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H02E0325	504415	6995030	22716	05-Jul-17		20-30	B/C	5-10	Light brown	5	5	5	25	30	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
			22717	05-Jul-17															
H02E0350	504440	6995030	22718	05-Jul-17		10-20	B/C	2-5	Dark brown	5	0	30	20	25	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H02E0375	504465	6995030	22719	05-Jul-17		20-30	A/B	5-10	Dark brown	10	0	0	10	30	50	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H02E0400	504490	6995030	22720	05-Jul-17		10-20	B/C	5-10	Light brown	5	5	20	20	30	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H03E0000	504090	6995080	581993	04-Jul-17		10-20	B	2-5	Light brown	5	0	20	15	35	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0025	504115	6995080	581992	04-Jul-17		10-20	B	2-5	Light brown	5	5	15	10	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0050	504140	6995080	581991	04-Jul-17		10-20	B/C	2-5	Dark grey	0	5	15	15	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0075	504165	6995080	581990	04-Jul-17		10-20	B	2-5	Light brown	5	0	10	5	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0100	504190	6995080	581989	04-Jul-17		10-20	B	2-5	Dark brown	5	0	10	5	40	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0125	504215	6995080	581988	04-Jul-17		10-20	B/C	2-5	Dark grey	5	0	15	10	30	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0150	504240	6995080	581987	04-Jul-17		10-20	B/C	2-5	Dark grey	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0175	504265	6995080	581986	04-Jul-17		50-60	B/C	10-15	Dark grey	0	10	25	15	30	20	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0225	504315	6995080	581994	05-Jul-17		10-20	B/C	2-5	Dark grey	5	5	15	15	35	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0250	504340	6995080	581995	05-Jul-17		10-20	B	5-10	Dark brown	10	0	10	15	35	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0275	504365	6995080	581996	05-Jul-17		20-30	B	5-10	Light brown	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H03E0300	504390	6995080	581997	05-Jul-17		20-30	B	5-10	Light brown	5	5	25	20	25	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H03E0325	504415	6995080	581998	05-Jul-17		20-30	B	5-10	Dark grey	5	0	10	10	40	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H03E0350	504440	6995080	581999	05-Jul-17		30-40	B	15-20	Light brown	0	5	20	15	35	25	Fluvial - Stream/River	Dry	Deciduous Forest	Mid slope
H03E0375	504465	6995080	582000	05-Jul-17		20-30	B	5-10	Light brown	5	0	15	20	30	30	Fluvial - Stream/River	Dry	Deciduous Forest	Mid slope
H03E0400	504490	6995080	22703	05-Jul-17		20-30	B	10-15	Dark brown	5	5	20	30	25	15	Weathered bedrock	Moist	Deciduous Forest	Mid slope
			22704	05-Jul-17															
H04E0000	504090	6995130	22728	04-Jul-17		10 20	B	5 10	Light brown	20	0	20	0	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0025	504115	6995130	22727	04-Jul-17		10 20	B	5 10	Dark grey	10	0	20	0	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0050	504140	6995130	22726	04-Jul-17		10 20	B	2 5	Dark grey	10	0	20	0	40	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0075	504165	6995130	22768	04-Jul-17		20 30	B	2 5	Dark grey	20	0	20	0	40	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0100	504190	6995130	22767	04-Jul-17		20 30	A/B	2 5	Dark brown	40	0	10	0	10	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0125	504215	6995130	22766	04-Jul-17		20 30	B	10 15	Dark grey	20	0	10	10	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0150	504240	6995130	22765	04-Jul-17		10 20	B	2 5	Dark brown	0	0	20	0	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0175	504265	6995130	22764	04-Jul-17		10 20	B	10 15	Dark grey	10	0	10	0	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0200	504290	6995130	22763	04-Jul-17		10 20	B	2 5	Dark brown	20	0	20	0	0	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0225	504315	6995130	22712	05-Jul-17		10-20	B	5-10	Dark brown	5	0	25	15	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H04E0250	504340	6995130	22711	05-Jul-17		10-20	B/C	2-5	Light brown	5	0	25	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H04E0275	504365	6995130	22710	05-Jul-17		10-20	B	5-10	Light brown	5	0	20	15	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H04E0300	504390	6995130	22709	05-Jul-17		10-20	B/C	5-10	Light brown	0	0	20	15	35	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0325	504415	6995130	22708	05-Jul-17		20-30	B	5-10	Light brown	5	0	5	10	50	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0350	504440	6995130	22707	05-Jul-17		10-20	B/C	5-10	Dark grey	5	5	20	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H04E0375	504465	6995130	22706	05-Jul-17		30-40	B/C	10-15	Light brown	0	0	20	20	35	25	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H04E0400	504490	6995130	22705	05-Jul-17		20-30	B/C	2-5	Light brown	5	0	5	10	50	30	Weathered bedrock	Moist	Deciduous Forest	Mid slope
H05E0000	504090	6995180	581851	2017-07-04		10-20	B/C	2-5	Light brown	10	0	0	10	40	40	Weathered bedrock	Wet	Evergreen Forest	Ridge top
H05E0025	504115	6995180	581850	2017-07-04		10-20	B/C	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top

H05E0050	504140	6995180	581849	2017-07-04		20-29	B/C	2-4	Light brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
			581848	2017-07-04		20-30	B/C	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
H05E0075	504165	6995180	581847	2017-07-04		10-20	A/B	2-5	Light brown	10	30	0	40	15	5	Weathered bedrock	Moist	Evergreen Forest	Ridge top
H05E0100	504190	6995180	581846	2017-07-04		10-20	B	2-5	Light brown	10	0	0	30	40	20	Weathered bedrock	Frozen	Evergreen Forest	Ridge top
H05E0125	504215	6995180	581845	2017-07-04		20-30	A/B	2-5	Light brown	50	0	0	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
H05E0150	504240	6995180	581844	2017-07-04		20-30	B/C	5-10	Light brown	10	0	0	20	40	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
H05E0175	504265	6995180	581843	2017-07-04		10-20	A/B	2-5	Light brown	20	0	0	10	40	30	Weathered bedrock	Frozen	Evergreen Forest	Ridge top
H05E0200	504290	6995180	581842	2017-07-04		20-30	B/C	5-10	Light brown	20	0	20	30	15	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H05E0225	504315	6995180	581869	2017-07-05		20-30	B/C	2-5	Light brown	10	0	30	20	20	20	Weathered bedrock	Saturated	Evergreen Forest	Mid slope
H05E0250	504340	6995180	581868	2017-07-05		20-30	B/C	5-10	Light brown	10	0	0	30	30	30	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H05E0275	504365	6995180	581867	2017-07-05		20-30	B/C	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H05E0300	504390	6995180	581866	2017-07-05		20-30	B/C	2-5	Light brown	10	0	20	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H05E0325	504415	6995180	581865	2017-07-05		30-40	B/C	10-15	Light brown	10	0	0	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H05E0350	504440	6995180	581864	2017-07-05		20-30	B/C	5-10	Light brown	10	0	0	40	30	20	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H05E0375	504465	6995180	581863	2017-07-05		20-30	A/B	5-10	Dark brown	20	0	0	20	30	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H05E0400	504490	6995180	581862	2017-07-05		20-30	B/C	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Dry	Evergreen Forest	Mid slope
H06E0000	504090	6995280	581852	2017-07-05		10-20	A/B	2-5	Dark brown	20	0	0	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H06E0050	504140	6995280	581853	2017-07-05		10-20	A/B	1-2	Dark brown	40	0	0	20	20	20	Weathered bedrock	Frozen	Evergreen Forest	Mid slope
H06E0100	504190	6995280	581854	2017-07-05		0-10	A/B	1-2	Light brown	10	0	0	20	35	35	Weathered bedrock	Moist	Evergreen Forest	Mid slope
H06E0150	504240	6995280	581855	2017-07-05		20-30	A/B	5-10	Dark brown	20	0	0	10	30	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
H06E0200	504290	6995280	581856	2017-07-05		30-40	B/C	5-10	Light brown	10	0	0	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H06E0250	504340	6995280	581857	2017-07-05		30-40	B/C	10-15	Dark brown	10	0	10	20	30	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			581858	2017-07-05												Weathered bedrock		Evergreen Forest	Mid slope
H06E0300	504390	6995280	581859	2017-07-05		30-40	B/C	10-15	Light brown	10	10	10	10	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H06E0350	504440	6995280	581860	2017-07-05		30-40	B/C	10-15	Light brown	10	0	20	40	20	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
H06E0400	504490	6995280	581861	2017-07-05		20-30	B/C	5-10	Light brown	10	0	0	50	30	10	Weathered bedrock	Wet	Evergreen Forest	Mid slope
RC0000	505473.5	6992650.233	22732	2017-07-06		20-30	A/B	5-10	Dark brown	40	0	0	10	10	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
			22733	2017-07-06		20-30	A/B	5-10	Dark brown	40	0	0	10	10	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
RC0050	505497.5	6992699.512	22734	2017-07-06		10-20	A	5-10	Black	60	0	0	0	20	20	Weathered bedrock	Partially Frozen	Evergreen Forest	Mid slope
RC0100	505501.8	6992750.609	22735	2017-07-06		10-20	B/C	2-5	Dark grey	10	0	30	10	30	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0150	505509.6	6992799.723	22736	2017-07-06		10-20	B/C	5-10	Dark brown	20	0	30	0	40	10	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0200	505504.5	6992851.813	22737	2017-07-06		10-20	B	2-5	Dark grey	20	0	0	20	20	40	Weathered bedrock	Wet	Evergreen Forest	Mid slope
RC0250	505473.4	6992902.745	22738	2017-07-06		10-20	B	5-10	Dark grey	10	0	20	15	15	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0300	505444.3	6992951.031	22739	2017-07-06	perma frost	10-20	A	2-5	Black	70	0	0	0	15	15	Weathered bedrock	Wet	Evergreen Forest	Mid slope
RC0350	505417.8	6992992.042	22740	2017-07-06		10-20	B	5-10	Dark grey	10	0	10	0	20	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0400	505382.1	6993027.761	22741	2017-07-06		20-30	B	5-10	Dark brown	20	0	10	0	10	60	Weathered bedrock	Wet	Evergreen Forest	Mid slope
RC0450	505347.7	6993066.125	22742	2017-07-06	perma frost	10-20	A/B	5-10	Dark brown	40	0	0	10	10	30	Weathered bedrock	Wet	Evergreen Forest	Mid slope
RC0500	505316	6993103.828	22743	2017-07-06		20-30	B	5-10	Dark brown	10	0	15	15	10	60	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0550	505277.6	6993134.255	22744	2017-07-06		10-20	B	5-10	Dark grey	20	0	20	0	20	40	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0600	505234.3	6993163.029	22745	2017-07-06		10-20	A/B	5-10	Light brown	30	0	15	15	20	20	Weathered bedrock	Moist	Evergreen Forest	Mid slope
RC0650	505191.3	6993188.826	90061	2017-07-06		10-20	B/C	2-5	Light brown	5	0	5	25	40	25	Weathered bedrock	Dry	Buck Brush	Mid slope
RC0700	505148.4	6993214.292	90012	2017-07-06		0-10	A	1-2	Dark brown	35	0	5	5	30	30	Loess - Organic rich	Wet	Buck Brush	Mid slope
RC0750	505104.4	6993238.766	90011	2017-07-06		10-20	A/B	5-10	Dark brown	10	5	15	15	30	25	Weathered bedrock	Wet	Buck Brush	Mid slope
RC0800	505067.7	6993273.162	90010	2017-07-06		10-20	B	2-5	Dark brown	5	0	25	20	30	20	Weathered bedrock	Moist	Buck Brush	Valley bottom
RC0850	505071.7	6993320.125	90009	2017-07-06		20-30	B	5-10	Light brown	5	0	5	15	35	40	Weathered bedrock	Moist	Deciduous Forest	Mid slope
RC0900	505084.4	6993367.915	90008	2017-07-06		60-70	B/C	15-20	Light brown	0	10	25	30	20	15	Weathered bedrock	Saturated	Deciduous Forest	Mid slope
RC0950	505120.3	6993401.981	90007	2017-07-06		10-20	B/C	5-10	Light brown	0	5	5	30	35	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
RC1000	505156.4	6993437.369	90006	2017-07-06		10-20	B/C	5-10	Light brown	5	0	10	40	25	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
RC1050	505194.7	6993470.276	90005	2017-07-06		10-20	B/C	2-5	Light brown	5	5	10	30	30	20	Weathered bedrock	Dry	Deciduous Forest	Mid slope
RC1100	505232.8	6993504.011	90004	2017-07-06		10-20	B/C	5-10	Dark brown	5	0	5	25	45	20	Weathered bedrock	Moist	Deciduous Forest	Mid slope
RC1150	505253.3	6993549.651	90003	2017-07-06		20-30	B	2-5	Dark brown	10	0	15	15	40	20	Weathered bedrock	Wet	Buck Brush	Mid slope
RC1200	505257.9	6993601.576	90002	2017-07-06		30-40	B/C	5-10	Dark grey	5	5	20	15	30	25	Weathered bedrock	Wet	Evergreen Forest	Mid slope
			90001	2017-07-06															
AR0000	503300	6996550	581879	2017-07-06		10-20	A/B	1-2	Dark brown	40	0	0	0	30	30	Weathered bedrock	Moist	Evergreen Forest	Ridge top
AR0050	503350	6996550	581880	2017-07-06		10-20	A/B	2-5	Dark brown	40	0	0	0	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0100	503400	6996550	581881	2017-07-06		10-20	A/B	2-5	Dark brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
AR0150	503450	6996550	581882	2017-07-06		20-30	B	2-5	Light brown	10	0	20	20	25	25	Weathered bedrock	Saturated	Evergreen Forest	Ridge top
AR0200	503500	6996550	581883	2017-07-06		10-20	A/B	2-5	Dark brown	45	0	0	0	35	20	Weathered bedrock	Frozen	Evergreen Forest	Ridge top
AR0250	503550	6996550	581884	2017-07-06		20-30	B	2-5	Dark brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0300	503600	6996550	581885	2017-07-06		10-20	B	1-2	Dark brown	10	0	20	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0350	503650	6996550	581886	2017-07-06		10-20	B/C	2-5	Dark brown	10	0	20	20	25	25	Weathered bedrock	Saturated	Evergreen Forest	Ridge top
AR0400	503700	6996550	581887	2017-07-06		10-20	B	2-5	Dark brown	20	0	20	0	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
AR0450	503750	6996550	581888	2017-07-06		10-20	A/B	1-2	Dark brown	30	0	0	10	30	30	Weathered bedrock	Frozen	Evergreen Forest	Ridge top
AR0500	503800	6996550	581889	2017-07-06		20-30	A/B	5-10	Dark brown	30	0	0	20	25	25	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0550	503850	6996550	581890	2017-07-06		20-30	B	2-5	Light brown	10	0	0	30	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
AR0600	503900	6996550	581891	2017-07-06		20-30	B	2-5	Light brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top

AR0650	503950	6996550	581892	2017-07-06		20-30	B/C	5-10	Light brown	10	0	10	30	30	20	Weathered bedrock	Moist	Evergreen Forest	Ridge top
AR0700	504000	6996550	581893	2017-07-06		20-30	B/C	5-10	Light brown	10	0	0	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0750	504048.3	6996562.941	581894	2017-07-06		20-30	B/C	5-10	Light brown	10	0	10	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0800	504096.6	6996575.882	581895	2017-07-06		10-20	B/C	5-10	Light brown	10	0	0	20	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0850	504144.9	6996588.823	581896	2017-07-06		10-20	B/C	2-5	Light brown	10	0	10	30	30	20	Weathered bedrock	Moist	Evergreen Forest	Ridge top
AR0900	504193.2	6996601.764	581897	2017-07-06		30-40	B/C	10-15	Dark brown	20	0	10	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
			581898	2017-07-06		30-41	B/C	10-16	Dark brown	20	0	10	10	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR0950	504241.5	6996614.705	581899	2017-07-06		20-30	B/C	5-10	Dark brown	10	0	0	30	30	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR1000	504289.8	6996627.646	581900	2017-07-06		10-20	B/C	2-5	Light brown	10	0	10	10	30	40	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
AR1050	504338.1	6996640.587	90031	2017-07-06		10-20	A/B	2-5	Light brown	30	0	0	10	30	30	Weathered bedrock	Partially Frozen	Evergreen Forest	Ridge top
AR1100	504386.4	6996653.528	90032	2017-07-06		30-40	B/C	10-15	Light brown	10	0	10	25	25	30	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR1150	504434.7	6996666.469	90033	2017-07-06		20-30	B/C	5-10	Light brown	10	0	10	10	35	35	Weathered bedrock	Wet	Evergreen Forest	Ridge top
AR1200	504483	6996679.41	90034	2017-07-06		40-50	B/C	10-15	Light brown	10	0	0	30	30	30	Weathered bedrock	Moist	Evergreen Forest	Ridge top
AR1250	504531.3	6996692.351	22771	2017-07-06		50-60	C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1300	504579.6	6996705.292	22770	2017-07-06		50-60	C	30 up	Dark grey	0	20	20	15	20	25	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1350	504627.8	6996718.233	22769	2017-07-06		40-50	C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Bench
AR1400	504676.1	6996731.174	581150	2017-07-06		40-50	B/C	30 up	Dark brown	0	20	20	25	15	20	Weathered bedrock	Moist	Deciduous Forest	Bench
AR1450	504724.4	6996744.115	581149	2017-07-06		40-50	B/C	30 up	Dark brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Bench
AR1500	504772.7	6996757.056	581148	2017-07-06		50-60	C	30 up	Dark brown	0	20	20	25	15	20	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1550	504821	6996769.997	581147	2017-07-06		40-50	B/C	30 up	Dark brown	10	20	25	10	15	20	Weathered bedrock	Moist	Deciduous Forest	Bench
AR1600	504869.3	6996782.938	581146	2017-07-06		50-60	C	30 up	Dark brown	0	20	30	25	10	15	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1650	504917.6	6996795.879	581145	2017-07-06		50-60	C	30 up	Light brown	0	15	30	25	10	20	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1700	504965.9	6996808.82	581144	2017-07-06		50-60	C	30 up	Light brown	0	10	20	20	25	35	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1750	505014.2	6996821.761	581143	2017-07-06		50-60	C	30 up	Light brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Bench
			581142	2017-07-06		50-61	C	31 up	Light brown	0	15	25	20	15	25	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1800	505062.5	6996834.702	581141	2017-07-06		50-60	C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Bench
AR1850	505110.8	6996847.643	581140	2017-07-06		50-60	C	30 up	Light brown	0	25	30	20	10	15	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1900	505159.1	6996860.584	581139	2017-07-06		50-60	C	30 up	Light brown	0	10	30	25	15	20	Weathered bedrock	Wet	Deciduous Forest	Bench
AR1950	505207.4	6996873.525	581138	2017-07-06		40-50	C	30 up	Light brown	0	20	30	25	15	10	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2000	505255.7	6996886.466	581137	2017-07-06		50-60	C	30 up	Dark brown	0	25	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2050	505304	6996899.407	581136	2017-07-06		50-60	C	30 up	Light brown	0	20	30	25	10	15	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2100	505352.3	6996912.348	581135	2017-07-06		50-60	C	30 up	Light brown	0	20	25	30	15	10	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2150	505400.6	6996925.289	581134	2017-07-06		50-60	C	30 up	Dark brown	0	20	30	25	15	10	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2200	505448.9	6996938.23	581133	2017-07-06		50-60	C	30 up	Light brown	0	20	25	30	10	15	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2250	505497.2	6996951.171	581132	2017-07-06		40-50	C	30 up	Light brown	0	20	25	20	20	30	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2300	505545.5	6996964.112	581131	2017-07-06		50-60	C	30 up	Light brown	0	15	30	25	15	15	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2350	505593.8	6996977.053	581130	2017-07-06		50-60	C	30 up	Light brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2400	505642.1	6996989.994	581129	2017-07-06		50-60	C	30 up	Light brown	0	15	25	20	15	25	Weathered bedrock	Moist	Deciduous Forest	Bench
AR2450	505690.4	6997002.935	581128	2017-07-06		60-70	C	30 up	Light brown	0	15	20	25	15	25	Weathered bedrock	Wet	Deciduous Forest	Bench
			581127	2017-07-06												Weathered bedrock			Bench
NR0000	504541	6998481	90114	07-Jul-17		40-50	C	30 up	Light brown	0	15	15	10	45	15	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0050	504497	6998454	90116	07-Jul-17		60-70	B/C	15-20	Light brown	0	20	15	15	35	15	Weathered bedrock	Wet	Evergreen Forest	Ridge top
NR0100	504447	6998431	90117	07-Jul-17		30-40	B/C	10-15	Light brown	5	10	10	20	40	15	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0150	504402	6998411	90118	07-Jul-17		40-50	C	30 up	Light brown	0	15	10	40	25	10	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0200	504348	6998412	90119	07-Jul-17		40-50	C	15-20	Light brown	0	15	15	30	20	10	Weathered bedrock	Wet	Evergreen Forest	Ridge top
NR0250	504294	6998400	90120	07-Jul-17		30-40	C	20-25	Light brown	0	15	25	40	10	10	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0300	504242	6998384	90121	07-Jul-17		60-70	C	25-30	Light brown	0	10	20	30	20	20	Weathered bedrock	Wet	Evergreen Forest	Ridge top
NR0350	504189	6998372	90122	07-Jul-17		30-40	C	20-25	Olive grey	0	15	25	40	10	10	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0400	504138	6998345	90123	07-Jul-17		30-40	C	20-25	Light brown	0	20	20	40	10	10	Weathered bedrock	Moist	Evergreen Forest	Ridge top
NR0450	504087	6998339	90124	07-Jul-17		30-40	C	20-25	Light brown	0	15	25	40	10	10	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR0500	504030	6998336	90125	07-Jul-17	Possible loess	20-30	B	5-10	Light brown	10	10	15	45	15	15	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR0550	503975	6998323	90126	07-Jul-17		30-40	B/C	15-20	Olive grey	0	10	15	25	25	25	Weathered bedrock	Saturated	Evergreen Forest	Ridge top
NR0600	503927	6998301	90127	07-Jul-17		50-60	B/C	30 up	Olive grey	0	10	10	20	30	30	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR0650	503878	6998287	90128	07-Jul-17		50-60	C	30 up	Light brown	0	25	25	40	5	5	Weathered bedrock	Dry	Deciduous Forest	Ridge top
			90129	07-Jul-17		40-50	B/C	30 up	Light brown							Weathered bedrock		Evergreen Forest	Ridge top
NR0700	503829	6998262	90130	07-Jul-17		40-50	B/C	30 up	Light brown	0	0	10	20	35	35	Weathered bedrock	Dry	Deciduous Forest	Ridge top
NR0750	503777	6998244	90131	07-Jul-17		60-70	C	30 up	Light grey	0	10	15	25	25	25	Weathered bedrock	Saturated	Deciduous Forest	Ridge top
NR0800	503737	6998217	90132	07-Jul-17		40-50	B/C	15-20	Light grey	0	5	15	20	40	20	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR0850	503689	6998189	90133	07-Jul-17		20-30	B/C	5-10	Dark grey	10	15	10	20	25	20	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR0900	503651	6998168	90134	07-Jul-17		20-30	B/C	10-15	Light brown	5	15	10	25	25	20	Weathered bedrock	Dry	Deciduous Forest	Ridge top
NR0950	503596	6998137	90135	07-Jul-17		20-30	B/C	2-5	Light grey	5	10	20	20	25	20	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR1000	503547	6998118	90136	07-Jul-17		30-40	B	5-10	Light grey	5	10	15	20	25	25	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR1050	503496	6998105	90137	07-Jul-17		30-40	B	10-15	Olive grey	10	0	10	20	30	30	Weathered bedrock	Moist	Deciduous Forest	Ridge top
NR1100	503435	6998084	90138	07-Jul-17		20-30	B	5-10	Light brown	10	10	10	40	15	15	Weathered bedrock	Moist	Evergreen Forest	Ridge top

2017 Silt Sample Results, 2K Property
Provenance Gold Corp

Sample ID	Tag Number	Easting	Northing	% Fines	Colour	Stream	Stream	Date	Sampler	Drainage	Comments
		(NAD 83)	(NAD 83)			Grade	Width (m)				
S5667963	E5667963	505014	6993226	10	brown	steep	0.5	18-Jun-17	NB	Upper Roo	
S5667964	E5667964	505008	6993245	15	brown	steep	0.5	18-Jun-17	NB	Upper Roo	
S5667974	E5667974	503045	6990121	15	brown	steep	1	20-Jun-17	NB	Soya	
S5667976	E5667976	503105	6990188	20	brown	shallow	0.5	20-Jun-17	NB	Soya	braided channel
S5667977	E5667977	503244	6990293	5	brown	shallow	0.5	20-Jun-17	NB	Soya	
S5667978	E5667978	503302	6990316	10	brown	shallow	0.3	20-Jun-17	NB	Soya	tributary creek
S5667979	E5667979	503285	6990315	15	brown	shallow	0.2	20-Jun-17	NB	Soya	
S5667980	E5667980	503319	6990342	20	brown	shallow	0.2	20-Jun-17	NB	Soya	
S5667982	E5667982	503443	6990475	25	brown	medium	0.1	20-Jun-17	NB	Soya	
S5667997	E5667997	506045	6993315	5	brown	medium	2	24-Jun-17	NB	Great Bear	mostly moss mat sample
S5667999	E5667999	505429	6993375	15	brown	steep	3	24-Jun-17	NB	Lower Roo	above old placer workings
S5668000	E5668000	505487	6993397	35	brown	steep	1.5	24-Jun-17	NB	Lower Roo	above o/c with limonitic alteration, veg mat sample
S5668001	E5668001	504024	6993831	20	brown	steep	4	25-Jun-17	NB	Kate E Arm	veg mat as stream flowing under moss here
S5668002	E5668002	504062	6993905	10	brown	steep	1	25-Jun-17	NB	Kate E Arm	part of braided channel above spring
S5668003	E5668003	504067	6993909	20	brown	steep	0.2	25-Jun-17	NB	Kate E Arm	spring tributary
S5668004	E5668004	504143	6994147	10	brown	medium	0.5	25-Jun-17	NB	Kate E Arm	moss mat
S5668006	E5668006	504223	6994375	10	brown	medium	0.5	25-Jun-17	NB	Kate E Arm	
S5668007	E5668007	504302	6994660	15	brown-grey	medium	2	25-Jun-17	NB	Kate E Arm	E arm above confluence
S5668008	E5668008	504293	6994666	15	brown	medium	3	25-Jun-17	NB	Kate W Arm	W arm above confluence
S5668009	E5668009	504324	6994706	15	brown	medium	3	25-Jun-17	NB	Kate Main	Kate creek below confluence
S22651	22651	503605	6994295	25	brown	medium	1.5	26-Jun-17	NB	Kate W Arm	
S22652	22652	503815	6994433	10	grey	medium	2	26-Jun-17	NB	Kate W Arm	
S22653	22653	504037	6994553	30	grey	medium	2	26-Jun-17	NB	Kate W Arm	Moss mat on braid
S22654	22654	504256	6994627	10	brown-grey	medium	2.5	26-Jun-17	NB	Kate W Arm	
S22655	22655	504359	6994864	35	brown	medium	2	26-Jun-17	NB	Kate Main	Kate creek below confluence, moss mat, possibly in old placer workings
S22656	22656	502364	6990316	30	brown	medium	0.5	27-Jun-17	NB	Swamp	moss mat
S22657	22657	502476	6990482	40	brown	medium	0.25	27-Jun-17	NB	Swamp	moss mat, sample from small tributary flowing from N
S22658	22658	502469	6990455	20	brown	medium	0.4	27-Jun-17	NB	Swamp	sample below confluence with S22657
S22659	22659	502489	6990472	40	brown	medium	0.5	27-Jun-17	NB	Swamp	main creek above confluence with tributary
S22660	22660	502652	6990656	30	brown	medium	0.8	27-Jun-17	NB	Swamp	
S22661	22661	502834	6990823	25	brown	medium	0.6	27-Jun-17	NB	Swamp	
S22662	22662	502895	6990844	45	brown	medium	0.5	27-Jun-17	NB	Swamp	below tributary
S22663	22663	502910	6990850	15	brown	medium	0.5	27-Jun-17	NB	Swamp	tributary from E
S22664	22664	502903	6990859	25	brown	shallow	0.1	27-Jun-17	NB	Swamp	End of flowing water
S22665	22665	503468	6995436	40	brown	medium	1.75	30-Jun-17	NB	Aggie	S. trib, moss mat
S22666	22666	503470	6995443	40	brown	steep	1.5	30-Jun-17	NB	Aggie	N. trib, moss mat
S22667	22667	503475	6995440	20	brown	medium	2	30-Jun-17	NB	Aggie	below confluence
S22668	22668	503714	6995526	35	brown	medium	1	30-Jun-17	NB	Aggie	moss mat
S22669	22669	503947	6995621	45	brown	medium	2	30-Jun-17	NB	Aggie	
S22670	22670	504186	6995740	30	brown	medium	1.75	30-Jun-17	NB	Aggie	

S22671	22671	504424	6995832	50	brown	medium	1.5	30-Jun-17	NB	Aggie	
S22672	22672	504661	6995932	50	dark grey	medium	1	30-Jun-17	NB	Aggie	
S22673	22673	504902	6995969	40	brown	medium	2	30-Jun-17	NB	Aggie	
S22674	22674	505139	6996045	20	brown	medium	1	30-Jun-17	NB	Aggie	partial moss
S22675	22675	505388	6996086	30	brown	medium	1.5	30-Jun-17	NB	Aggie	
S22641	22641	505630	6996156	50	brown	medium	0.75	30-Jun-17	NB	Aggie	possible small placer disturbance possible upstream
S90013	90013	506494	6997870	30	brown	shallow	2	05-Jul-17	NB	North	
S90014	90014	506498	6998957	50	brown	shallow	0.25	05-Jul-17	NB	Far North	moss mat, extremely muddy area, veg in water course
S90015	90015	505562	6997476	30	brown	medium	1.5	05-Jul-17	NB	North	partial moss mat
S90016	90016	504572	6997241	30	brown	medium	1.5	05-Jul-17	NB	North	

APPENDIX 5

ORIGINAL ASSAY CERTIFICATES

APPENDIX 5a

ORIGINAL ROCK ASSAY CERTIFICATES

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: June 19, 2017
Report Date: July 05, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000104.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 25

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	25	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA350-Au	25	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
EN002	25	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	25	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	25	Per sample shipping charges for branch shipments			VAN
FA550	4	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife Northwest Territories X1A 2H1
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 05, 2017

CERTIFICATE OF ANALYSIS WHI17000104.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
RB22601	Rock	0.91	13	2	11	36	60	<0.3	2	5	2348	2.01	589	9	7	0.5	<3	<3	16	0.14	0.057
RB22602	Rock	0.80	9	<1	2	162	27	<0.3	2	<1	506	0.79	125	<2	2	<0.5	<3	<3	8	0.02	0.003
RB22603	Rock	1.77	<2	<1	2	15	48	<0.3	2	6	588	2.55	207	13	33	<0.5	<3	<3	16	0.41	0.062
RB22604	Rock	1.00	<2	<1	3	15	44	<0.3	3	5	815	2.19	257	13	16	<0.5	<3	<3	18	0.22	0.057
RB22605	Rock	1.14	477	<1	2	12	32	<0.3	3	4	275	1.82	192	13	14	<0.5	<3	<3	16	0.21	0.061
RB22606	Rock	0.73	4	1	4	17	42	<0.3	1	5	994	2.26	156	14	10	<0.5	<3	<3	24	0.13	0.057
RB22607	Rock	0.51	7	3	33	33	188	<0.3	52	44	2351	10.38	1525	<2	35	<0.5	<3	<3	158	0.53	0.245
RB22608	Rock	0.98	9	1	12	27	43	<0.3	4	5	712	2.29	173	14	14	<0.5	<3	<3	23	0.18	0.058
RB22609	Rock	1.35	4	3	5	14	49	<0.3	4	7	913	2.76	176	13	27	<0.5	<3	<3	22	0.33	0.067
RB22610	Rock	1.12	>10000	<1	6	3701	1875	25.7	2	<1	306	1.20	8715	<2	31	45.1	565	<3	<1	0.88	0.004
RB22611	Rock	1.18	13	1	2	21	41	<0.3	2	5	986	2.15	196	12	12	<0.5	<3	<3	12	0.19	0.057
RB22612	Rock	1.09	>10000	1	44	>10000	507	>100	1	<1	192	1.91	5147	<2	4	25.4	304	<3	22	0.01	0.003
RB22613	Rock	0.98	>10000	2	137	>10000	1781	>100	3	<1	104	0.70	7063	<2	8	124.6	>2000	<3	345	0.02	0.015
RB22614	Rock	1.06	4893	2	12	842	238	5.4	2	6	1423	2.49	449	9	8	3.1	6	<3	27	0.09	0.039
RB22615	Rock	1.16	>10000	<1	6	4696	1171	11.6	2	<1	227	2.04	8885	<2	13	28.1	818	<3	1	0.27	0.004
RB22616	Rock	1.03	172	2	9	163	60	0.7	3	3	280	2.10	2422	14	6	1.8	8	<3	12	0.08	0.034
RB22617	Rock	1.10	597	<1	5	54	47	0.3	2	3	426	2.09	7789	13	7	1.7	<3	<3	7	0.11	0.039
RB22618	Rock	1.15	125	<1	4	31	48	<0.3	2	5	1891	1.53	1716	9	6	1.5	<3	<3	6	0.09	0.036
RB22619	Rock	1.13	66	<1	6	75	62	0.4	2	2	274	1.72	2515	12	6	2.1	<3	<3	8	0.12	0.047
RB22620	Rock	1.23	9077	<1	13	164	100	2.4	3	6	288	2.12	>10000	<2	2	3.6	17	<3	2	0.01	0.002
RB22621	Rock	1.44	179	<1	6	60	50	0.5	1	2	354	2.62	7770	11	9	2.3	<3	<3	7	0.12	0.034
RB22622	Rock	1.50	11	1	11	21	49	<0.3	7	6	789	2.44	137	14	12	<0.5	<3	<3	27	0.18	0.060
RF5667960	Rock	2.03	8098	4	156	7299	3530	>100	2	1	109	1.30	5757	<2	8	105.0	>2000	<3	3	0.01	0.002
RF5667961	Rock	1.61	537	11	71	>10000	1108	97.3	2	4	9658	3.16	4471	<2	37	28.9	215	<3	4	0.06	0.004
RF5667962	Rock	3.43	574	<1	4	187	24	1.4	3	<1	136	0.81	1992	<2	6	1.2	12	<3	2	0.01	0.002

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Project: 2K
Report Date: July 05, 2017

CERTIFICATE OF ANALYSIS WHI17000104.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA550
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
RB22601	Rock	24	5	0.03	791	0.001	<20	0.49	0.02	0.35	<2	<0.05	<1	5	<5	<5	
RB22602	Rock	3	6	<0.01	105	<0.001	<20	0.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	
RB22603	Rock	34	2	0.41	372	<0.001	<20	1.60	0.02	0.49	<2	<0.05	<1	<5	<5	<5	
RB22604	Rock	29	3	0.09	235	0.001	<20	0.73	0.03	0.30	<2	<0.05	<1	<5	<5	<5	
RB22605	Rock	27	4	0.09	157	0.001	<20	0.76	0.04	0.28	<2	<0.05	<1	<5	<5	<5	
RB22606	Rock	35	3	0.05	365	0.002	<20	0.72	0.05	0.36	<2	<0.05	<1	<5	<5	<5	
RB22607	Rock	32	66	0.09	405	0.006	<20	1.18	0.02	0.11	<2	<0.05	<1	5	<5	16	
RB22608	Rock	29	5	0.12	331	0.006	<20	0.89	0.06	0.38	<2	<0.05	<1	<5	<5	<5	
RB22609	Rock	33	6	0.35	412	0.002	<20	1.43	0.04	0.41	<2	<0.05	<1	<5	5	<5	
RB22610	Rock	1	4	0.03	52	<0.001	<20	0.07	<0.01	0.05	<2	0.58	<1	<5	<5	<5	37.3
RB22611	Rock	27	4	0.06	314	0.001	<20	0.59	0.03	0.32	<2	<0.05	<1	<5	<5	<5	
RB22612	Rock	<1	4	<0.01	169	<0.001	<20	0.05	<0.01	0.02	<2	0.30	<1	<5	<5	<5	147.3
RB22613	Rock	<1	7	<0.01	35	<0.001	<20	0.02	<0.01	<0.01	5	0.10	2	<5	<5	<5	149.5
RB22614	Rock	24	4	0.04	451	0.001	<20	0.45	0.02	0.30	<2	<0.05	<1	<5	<5	<5	
RB22615	Rock	1	4	0.01	56	<0.001	<20	0.08	<0.01	0.06	<2	0.57	<1	<5	<5	<5	19.3
RB22616	Rock	34	5	0.03	512	0.001	<20	0.47	0.02	0.32	<2	<0.05	<1	<5	<5	<5	
RB22617	Rock	28	5	0.02	2238	0.001	<20	0.42	0.02	0.31	<2	<0.05	<1	<5	<5	<5	
RB22618	Rock	20	2	0.03	748	0.001	<20	0.49	0.01	0.35	<2	<0.05	<1	<5	<5	<5	
RB22619	Rock	33	5	0.03	586	0.001	<20	0.45	0.02	0.32	<2	<0.05	<1	<5	<5	<5	
RB22620	Rock	2	6	<0.01	149	<0.001	<20	0.06	<0.01	0.03	<2	0.73	<1	<5	<5	<5	
RB22621	Rock	31	3	0.03	1985	0.001	<20	0.53	0.02	0.36	<2	<0.05	<1	<5	<5	<5	
RB22622	Rock	33	5	0.11	230	0.008	<20	0.77	0.04	0.33	<2	<0.05	<1	<5	<5	<5	
RF5667960	Rock	<1	4	<0.01	53	<0.001	<20	0.07	<0.01	0.04	<2	0.78	<1	<5	<5	<5	
RF5667961	Rock	2	2	0.02	107	0.001	<20	0.07	<0.01	0.04	<2	0.10	<1	18	<5	<5	
RF5667962	Rock	1	6	<0.01	37	<0.001	<20	0.07	<0.01	0.04	<2	0.18	<1	<5	<5	<5	

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 05, 2017

QUALITY CONTROL REPORT WHI17000104.1

		Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																						
RB22602	Rock		0.80	9	<1	2	162	27	<0.3	2	<1	506	0.79	125	<2	2	<0.5	<3	<3	8	0.02	0.003
REP RB22602	QC				1	2	164	27	<0.3	2	1	510	0.80	126	<2	2	<0.5	<3	<3	8	0.02	0.003
RB22603	Rock		1.77	<2	<1	2	15	48	<0.3	2	6	588	2.55	207	13	33	<0.5	<3	<3	16	0.41	0.062
REP RB22603	QC			2																		
RB22610	Rock		1.12	>10000	<1	6	3701	1875	25.7	2	<1	306	1.20	8715	<2	31	45.1	565	<3	<1	0.88	0.004
REP RB22610	QC																					
Reference Materials																						
STD AGPROOF	Standard																					
STD DS10	Standard				14	157	153	383	2.0	73	12	902	2.82	43	7	68	2.4	8	11	42	1.08	0.076
STD OREAS45EA	Standard				2	693	19	31	0.3	380	52	401	21.01	7	8	4	0.5	<3	<3	303	0.04	0.030
STD OXC145	Standard			215																		
STD OXC145	Standard			210																		
STD OXH122	Standard			1161																		
STD SP49	Standard																					
STD SQ70	Standard																					
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD OXH122 Expected				1247																		
STD AGPROOF Expected																						
STD SP49 Expected																						
STD SQ70 Expected																						
STD OXC145 Expected				212																		
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<2																		
BLK	Blank			<2																		
BLK	Blank																					
BLK	Blank			<2																		
Prep Wash																						

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 05, 2017

QUALITY CONTROL REPORT WHI17000104.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA550
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
		MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
Pulp Duplicates																		
RB22602	Rock		3	6	<0.01	105	<0.001	<20	0.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	
REP RB22602	QC		3	6	<0.01	108	<0.001	<20	0.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	
RB22603	Rock		34	2	0.41	372	<0.001	<20	1.60	0.02	0.49	<2	<0.05	<1	<5	<5	<5	
REP RB22603	QC																	
RB22610	Rock		1	4	0.03	52	<0.001	<20	0.07	<0.01	0.05	<2	0.58	<1	<5	<5	<5	37.3
REP RB22610	QC																	47.6
Reference Materials																		
STD AGPROOF	Standard																	<0.9
STD DS10	Standard		16	53	0.78	437	0.081	<20	1.06	0.07	0.35	2	0.29	<1	6	<5	<5	
STD OREAS45EA	Standard		7	867	0.10	145	0.096	<20	3.18	0.02	0.06	<2	<0.05	<1	<5	19	83	
STD OXC145	Standard																	
STD OXC145	Standard																	
STD OXH122	Standard																	
STD SP49	Standard																	18.3
STD SQ70	Standard																	40.1
STD DS10 Expected			17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected			7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78	
STD OXH122 Expected																		
STD AGPROOF Expected																		0
STD SP49 Expected																		18.34
STD SQ70 Expected																		39.62
STD OXC145 Expected																		
BLK	Blank		<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	<0.9
BLK	Blank																	
Prep Wash																		

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K

Report Date: July 05, 2017

QUALITY CONTROL REPORT WHI17000104.1

		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
ROCK-WHI	Prep Blank		<2	<1	1	<3	28	<0.3	1	3	460	1.98	<2	<2	32	<0.5	<3	<3	25	0.68	0.039
ROCK-WHI	Prep Blank		<2	<1	3	<3	29	<0.3	<1	3	472	2.03	<2	2	34	<0.5	<3	<3	24	0.81	0.040

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 05, 2017

QUALITY CONTROL REPORT WHI17000104.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	FA550 Au gm/t 0.9
ROCK-WHI	Prep Blank	6	3	0.38	91	0.097	<20	1.02	0.14	0.14	<2	<0.05	<1	<5	<5	<5	
ROCK-WHI	Prep Blank	6	3	0.40	92	0.094	<20	1.15	0.14	0.14	<2	<0.05	<1	<5	<5	<5	

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: June 19, 2017
Report Date: July 13, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000104M.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE DISPOSAL

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PUL85	5	Pulverize to 85% passing 200 mesh			VAN
FS652	5	Metallic Sieve 500g to 150 mesh			VAN
FS652	5	Metallic Fire Assay - duplicate minus fraction analysis	50	Completed	VAN
EN002	5	Environmental disposal charge-Fire assay lead waste			VAN
SHP01	5	Per sample shipping charges for branch shipments			VAN
FA550	2	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN
FA550	2	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

JEFFREY CANNON
Geochemistry Department Supervisor

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

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 13, 2017

CERTIFICATE OF ANALYSIS WHI17000104M.1

		Method	M150	FA450	FA450	FS652	FS652	FS652	FA550	FA550
		Analyte	TotWt	-Au	-Au + Au	Wt	+ Au	Au Total	-Au	-Au
		Unit	g	gm/t	gm/t	g	gm/t	gm/t	gm/t	gm/t
		MDL	1	0.005	0.005	0.01	0.05	0.05	0.9	0.9
RF5667960	Rock		533	6.529	6.645	28.22	91.03	11.06		
R22610	Rock		566	>10	>10	28.88	728.98	55.56	17.3	21.5
R22613	Rock		516	>10	>10	25.53	2898.12	174.46	33.1	32.2
R22614	Rock		520	1.995	2.283	22.93	60.01	4.69		
R22615	Rock		501	7.215	6.729	28.90	245.57	20.75		

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 13, 2017

QUALITY CONTROL REPORT WHI17000104M.1

	Method	M150	FA450	FA450	FS652	FS652	FS652	FA550	FA550
	Analyte	TotWt	-Au	-Au	+ Au Wt	+ Au	Au Total	-Au	-Au
	Unit	g	gm/t	gm/t	g	gm/t	gm/t	gm/t	gm/t
	MDL	1	0.005	0.005	0.01	0.05	0.05	0.9	0.9
Pulp Duplicates									
R22610	Rock	566	>10	>10	28.88	728.98	55.56	17.3	21.5
REP R22610	QC								15.6
R22613	Rock	516	>10	>10	25.53	2898.12	174.46	33.1	32.2
REP R22613	QC			>10				35.8	
R22615	Rock	501	7.215	6.729	28.90	245.57	20.75		
REP R22615	QC			5.251					
Reference Materials									
STD OXC145	Standard			0.206					
STD OXC145	Standard		0.205						
STD OXC145	Standard			0.216					
STD OXH122	Standard			1.168					
STD OXH122	Standard		1.237						
STD OXH122	Standard			1.215					
STD OXN117	Standard			7.283					
STD OXN117	Standard		7.272						
STD OXN117	Standard			7.391					
STD OXP91	Standard				49.24	14.46			
STD OXP91	Standard								14.7
STD SP49	Standard							18.3	
STD SQ70	Standard							40.1	
STD OXP91 Expected						14.82			
BLK	Blank				50.00	<0.05			
BLK	Blank			<0.005					
BLK	Blank		<0.005						
BLK	Blank		<0.005						
BLK	Blank			<0.005					
BLK	Blank								<0.9
BLK	Blank							<0.9	

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 13, 2017

QUALITY CONTROL REPORT WHI17000104M.1

		M150 TotWt g 1	FA450 -Au gm/t 0.005	FA450 -Au gm/t 0.005	FS652 + Au Wt g 0.01	FS652 + Au gm/t 0.05	FS652 Au Total gm/t 0.05	FA550 -Au gm/t 0.9	FA550 -Au gm/t 0.9
Prep Wash									
ROCK-WHI	Prep Blank	467	<0.005	0.007	26.74	<0.05	<0.05		

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: July 28, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000104N.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 6

SAMPLE DISPOSAL

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PUL85	6	Pulverize to 85% passing 200 mesh			VAN
FS652	6	Metallic Sieve 500g to 150 mesh			VAN
FS652	6	Metallic Fire Assay - duplicate minus fraction analysis	50	Completed	VAN
EN002	6	Environmental disposal charge-Fire assay lead waste			VAN
SHP01	6	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000104N.1

		Method	M150	FA450	FA450	FS652	FS652	FS652
		Analyte	TotWt	-Au	-Au + Au	Wt	+ Au	Au Total
		Unit	g	gm/t	gm/t	g	gm/t	gm/t
		MDL	1	0.005	0.005	0.01	0.05	0.05
RB22605	Rock		506	0.648	0.692	24.43	22.06	1.70
RB22608	Rock		518	0.007	0.009	25.81	<0.05	<0.05
RB22609	Rock		567	<0.005	0.006	25.61	<0.05	<0.05
RB22611	Rock		559	0.014	0.012	24.40	1.23	0.07
RB22617	Rock		517	0.499	0.697	24.48	18.95	1.47
RF5667961	Rock		504	0.514	0.541	26.38	1.14	0.56

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000104N.1

	Method	M150	FA450	FA450	FS652	FS652	FS652
	Analyte	TotWt	-Au	-Au	+ Au Wt	+ Au	Au Total
	Unit	g	gm/t	gm/t	g	gm/t	gm/t
	MDL	1	0.005	0.005	0.01	0.05	0.05
Pulp Duplicates							
RB22611	Rock	559	0.014	0.012	24.40	1.23	0.07
REP RB22611	QC			0.012			
Reference Materials							
STD OXC145	Standard		0.219				
STD OXC145	Standard			0.219			
STD OXH122	Standard		1.272				
STD OXH122	Standard			1.230			
STD OXN117	Standard		7.706				
STD OXN117	Standard			7.696			
STD OXP91	Standard				29.97	14.95	
STD OXP91 Expected						14.82	
BLK	Blank		<0.005				
BLK	Blank		<0.005				
BLK	Blank				50.00	<0.05	
BLK	Blank			<0.005			
Prep Wash							
ROCK-WHI	Prep Blank	475	<0.005	<0.005	30.76	<0.05	<0.05

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 05, 2017
Report Date: August 01, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000233.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 38

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	33	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA350	33	50g lead collection fire assay analysis by ICP	50	Completed	VAN
EN002	33	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	33	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	33	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000233.1

	Method	WGHT	FA350	FA350	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
5667965	Rock	0.35	<2	<3	<2	<1	7	5	38	<0.3	3	7	414	2.42	7	25	11	<0.5	<3	<3	42
5667966	Rock	0.30	<2	<3	<2	1	4	<3	10	0.4	7	3	389	0.90	7	<2	97	<0.5	<3	<3	35
5667967	Rock	0.74	11	<3	<2	<1	3	<3	18	<0.3	1	2	169	1.19	4	10	6	<0.5	<3	<3	18
5667968	Rock	0.95	<2	<3	<2	<1	1	8	6	<0.3	<1	<1	103	0.54	5	13	5	<0.5	<3	<3	6
5667969	Rock	1.48	<2	<3	<2	<1	12	9	49	<0.3	5	11	910	2.79	6	19	12	<0.5	<3	<3	34
5667970	Rock	0.49	<2	<3	<2	<1	1	9	24	<0.3	1	<1	88	0.56	51	<2	<1	<0.5	<3	<3	1
5667971	Rock	0.68	5	<3	<2	<1	6	<3	51	<0.3	3	6	581	2.71	12	10	11	<0.5	<3	<3	32
5667972	Rock	0.52	<2	<3	<2	<1	10	5	45	<0.3	6	10	821	2.60	4	16	16	<0.5	<3	<3	45
5667973	Rock	0.76	<2	<3	<2	<1	82	<3	62	<0.3	17	10	943	2.29	4	3	5	<0.5	<3	<3	44
5667975	Rock	0.67	<2	<3	<2	<1	12	9	7	<0.3	1	<1	105	0.65	20	13	4	<0.5	<3	<3	1
5667976	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667977	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667978	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667979	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667980	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667981	Rock	1.01	<2	<3	<2	<1	<1	12	13	<0.3	1	<1	201	0.78	2	17	4	<0.5	<3	<3	1
5667983	Rock	0.23	134	<3	<2	<1	5	15	26	<0.3	1	3	335	1.76	369	15	7	<0.5	<3	<3	26
5667984	Rock	0.79	119	<3	<2	1	7	18	27	<0.3	3	3	1065	1.21	306	12	9	<0.5	<3	<3	12
5667985	Rock	1.03	141	<3	<2	<1	4	405	23	1.8	1	1	314	1.52	5824	12	15	0.8	11	7	12
5667986	Rock	0.24	2	<3	<2	<1	2	17	12	<0.3	2	1	176	0.80	67	13	7	<0.5	<3	<3	10
5667987	Rock	0.84	<2	<3	<2	<1	2	10	4	<0.3	1	<1	140	0.45	29	10	2	<0.5	<3	<3	4
5667988	Rock	0.91	9	<3	<2	<1	2	7	32	<0.3	2	4	935	1.66	23	14	6	<0.5	<3	<3	3
5667989	Rock	0.54	10	<3	<2	4	4	34	85	<0.3	3	5	1705	3.01	305	<2	2	<0.5	4	<3	15
5667990	Rock	0.32	<2	<3	<2	<1	1	5	11	<0.3	1	1	155	0.68	26	4	7	<0.5	<3	<3	10
5667991	Rock	1.04	<2	<3	<2	<1	2	3	18	<0.3	1	1	251	1.15	3	15	6	<0.5	<3	<3	14
5667992	Rock	0.70	<2	<3	<2	<1	4	8	4	<0.3	<1	<1	86	0.51	11	18	3	<0.5	<3	<3	4
5667993	Rock	0.93	3	<3	<2	<1	3	15	40	<0.3	2	5	951	1.94	74	13	17	<0.5	<3	<3	19
5667994	Rock	0.48	2	<3	<2	<1	3	9	39	<0.3	2	5	792	1.90	132	14	18	<0.5	<3	<3	25
5667995	Rock	0.94	3	<3	<2	1	12	18	40	<0.3	3	6	1151	2.21	289	16	13	<0.5	<3	<3	20
5667996	Rock	0.47	3	<3	<2	<1	6	18	47	<0.3	3	6	1107	2.16	202	15	20	<0.5	<3	<3	22

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000233.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
5667965	Rock		0.20	0.050	36	6	0.31	158	0.060	<20	0.70	0.04	0.40	<2	<0.05	<1	<5	<5	5
5667966	Rock		1.91	0.033	2	53	0.05	78	0.083	<20	0.96	0.09	0.04	<2	<0.05	<1	<5	<5	<5
5667967	Rock		0.10	0.023	9	12	0.28	126	0.063	<20	0.52	0.04	0.30	<2	<0.05	<1	<5	<5	<5
5667968	Rock		0.04	0.002	4	7	0.05	32	0.005	<20	0.19	0.04	0.08	<2	<0.05	<1	<5	<5	<5
5667969	Rock		0.23	0.072	32	6	0.14	123	0.002	<20	0.44	0.03	0.18	<2	<0.05	<1	<5	<5	7
5667970	Rock		<0.01	0.003	4	13	<0.01	13	<0.001	<20	0.06	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
5667971	Rock		0.25	0.070	21	4	0.82	133	0.008	<20	1.12	0.05	0.09	<2	<0.05	<1	<5	6	<5
5667972	Rock		0.26	0.063	29	8	0.48	145	0.008	<20	0.77	0.03	0.17	<2	<0.05	<1	<5	<5	6
5667973	Rock		0.06	0.022	6	16	0.88	1293	0.202	<20	1.29	0.03	1.06	<2	<0.05	<1	<5	<5	7
5667975	Rock		0.03	0.005	8	11	0.02	75	0.004	<20	0.24	0.03	0.09	<2	<0.05	<1	<5	<5	<5
5667976	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667977	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667978	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667979	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667980	Rock		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
5667981	Rock		0.03	0.004	9	15	0.02	63	0.007	<20	0.30	0.04	0.12	<2	<0.05	<1	<5	<5	<5
5667983	Rock		0.07	0.032	32	6	0.05	166	<0.001	<20	0.37	0.02	0.17	<2	<0.05	<1	<5	<5	<5
5667984	Rock		0.15	0.048	15	6	0.11	278	0.002	<20	0.45	0.02	0.19	<2	<0.05	<1	<5	<5	<5
5667985	Rock		0.12	0.027	23	6	0.04	1280	0.003	<20	0.39	0.01	0.19	<2	<0.05	<1	<5	<5	<5
5667986	Rock		0.12	0.013	8	6	0.10	76	0.030	<20	0.36	0.04	0.14	<2	<0.05	<1	<5	<5	<5
5667987	Rock		0.02	0.002	3	6	0.02	23	0.006	<20	0.14	0.03	0.10	<2	<0.05	<1	<5	<5	<5
5667988	Rock		0.11	0.049	28	7	0.02	327	<0.001	<20	0.26	<0.01	0.22	<2	<0.05	<1	<5	<5	<5
5667989	Rock		0.02	0.011	12	11	0.01	381	<0.001	<20	0.06	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
5667990	Rock		0.08	0.011	5	6	0.11	62	0.030	<20	0.35	0.04	0.15	<2	<0.05	<1	<5	<5	<5
5667991	Rock		0.10	0.016	6	7	0.18	113	0.056	<20	0.42	0.05	0.25	<2	<0.05	<1	<5	<5	<5
5667992	Rock		0.03	0.005	6	5	0.03	42	0.003	<20	0.21	0.03	0.10	<2	<0.05	<1	<5	<5	<5
5667993	Rock		0.25	0.057	27	3	0.28	368	0.005	<20	0.95	0.01	0.29	<2	<0.05	<1	<5	<5	<5
5667994	Rock		0.24	0.048	28	4	0.32	318	0.010	<20	0.96	0.03	0.28	<2	<0.05	<1	<5	<5	<5
5667995	Rock		0.23	0.071	34	4	0.13	364	0.006	<20	0.64	0.02	0.28	<2	<0.05	<1	<5	<5	5
5667996	Rock		0.23	0.051	34	3	0.19	272	0.002	<20	0.77	0.02	0.20	<2	<0.05	<1	<5	<5	<5

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000233.1

	Method	WGHT	FA350	FA350	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
5667998	Rock	0.34	<2	<3	<2	<1	3	5	4	<0.3	1	<1	46	0.30	26	<2	2	<0.5	<3	<3	1
5668005	Rock	0.62	<2	<3	<2	<1	2	6	5	<0.3	<1	<1	73	0.42	10	6	2	<0.5	<3	<3	2
22626	Rock	0.47	<2	<3	<2	<1	<1	7	9	<0.3	<1	<1	81	0.57	14	6	3	<0.5	<3	<3	7
22627	Rock	0.42	35	<3	<2	<1	6	31	14	1.4	<1	1	218	0.67	61	8	4	<0.5	<3	<3	6
22628	Rock	0.39	47	<3	<2	<1	33	<3	64	0.4	2	7	605	3.04	51	8	25	<0.5	<3	<3	46
22629	Rock	0.57	10	<3	<2	<1	5	3	45	<0.3	3	8	463	2.54	24	13	26	<0.5	<3	<3	64
22630	Rock	0.89	<2	<3	<2	<1	1	5	6	<0.3	<1	<1	105	0.38	<2	3	2	<0.5	<3	<3	3
22631	Rock	0.44	3	<3	<2	<1	2	28	31	<0.3	2	4	871	1.26	181	10	8	<0.5	<3	<3	6

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Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000233.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
5667998	Rock	0.02	0.002	5	4	0.01	31	<0.001	<20	0.14	0.03	0.08	<2	<0.05	<1	<5	<5	<5
5668005	Rock	0.02	0.001	1	6	0.02	33	0.002	<20	0.15	0.03	0.10	<2	<0.05	<1	<5	<5	<5
22626	Rock	0.02	0.002	2	5	0.02	36	0.002	<20	0.14	0.03	0.09	<2	<0.05	<1	<5	<5	<5
22627	Rock	0.05	0.009	10	5	0.06	46	0.002	<20	0.25	0.04	0.13	<2	<0.05	<1	<5	<5	<5
22628	Rock	0.56	0.153	20	4	0.82	181	0.089	<20	1.54	0.04	0.54	<2	<0.05	<1	<5	<5	<5
22629	Rock	0.47	0.052	21	7	0.89	158	0.195	<20	1.41	0.05	0.58	<2	<0.05	<1	<5	<5	<5
22630	Rock	0.02	0.002	1	6	0.03	30	0.006	<20	0.15	0.03	0.09	<2	<0.05	<1	<5	<5	<5
22631	Rock	0.14	0.047	19	7	0.05	244	0.001	<20	0.34	0.01	0.20	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000233.1

	Method	WGHT	FA350	FA350	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
Pulp Duplicates																					
5668005	Rock	0.62	<2	<3	<2	<1	2	6	5	<0.3	<1	<1	73	0.42	10	6	2	<0.5	<3	<3	2
REP 5668005	QC		<2	<3	<2																
22630	Rock	0.89	<2	<3	<2	<1	1	5	6	<0.3	<1	<1	105	0.38	<2	3	2	<0.5	<3	<3	3
REP 22630	QC					<1	<1	6	6	<0.3	<1	<1	105	0.37	<2	3	2	<0.5	<3	<3	3
Core Reject Duplicates																					
5667972	Rock	0.52	<2	<3	<2	<1	10	5	45	<0.3	6	10	821	2.60	4	16	16	<0.5	<3	<3	45
DUP 5667972	QC		<2	<3	<2	<1	11	4	46	<0.3	6	10	831	2.59	3	19	15	<0.5	<3	<3	45
Reference Materials																					
STD CDN-PGMS-19	Standard		201	114	488																
STD CDN-PGMS-19	Standard		234	115	509																
STD DS10	Standard					12	150	148	357	2.2	71	12	857	2.69	45	8	62	2.6	8	12	43
STD OREAS45EA	Standard					2	678	13	29	0.7	357	50	397	21.12	10	11	3	<0.5	<3	<3	293
STD DS10 Expected						13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303
STD CDN-PGMS-19 Expected			230	108	476																
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<3	<2	<1	2	<3	32	<0.3	1	3	490	1.68	3	2	20	<0.5	<3	<3	20
ROCK-WHI	Prep Blank		<2	<3	<2	<1	3	<3	31	<0.3	2	3	507	1.67	4	3	18	<0.5	<3	<3	20

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000233.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
5668005	Rock	0.02	0.001	1	6	0.02	33	0.002	<20	0.15	0.03	0.10	<2	<0.05	<1	<5	<5	<5
REP 5668005	QC																	
22630	Rock	0.02	0.002	1	6	0.03	30	0.006	<20	0.15	0.03	0.09	<2	<0.05	<1	<5	<5	<5
REP 22630	QC	0.02	0.002	1	6	0.03	30	0.006	<20	0.15	0.03	0.09	<2	<0.05	<1	<5	<5	<5
Core Reject Duplicates																		
5667972	Rock	0.26	0.063	29	8	0.48	145	0.008	<20	0.77	0.03	0.17	<2	<0.05	<1	<5	<5	6
DUP 5667972	QC	0.27	0.064	31	8	0.48	143	0.008	<20	0.76	0.03	0.17	<2	<0.05	<1	<5	6	6
Reference Materials																		
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-19	Standard																	
STD DS10	Standard	1.02	0.075	15	55	0.79	419	0.073	<20	0.99	0.07	0.32	2	0.28	<1	<5	<5	<5
STD OREAS45EA	Standard	0.03	0.029	7	915	0.10	145	0.100	<20	3.21	0.02	0.05	<2	<0.05	<1	<5	13	83
STD DS10 Expected		1.0625	0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
Prep Wash																		
ROCK-WHI	Prep Blank	0.67	0.038	4	6	0.47	47	0.062	<20	0.76	0.05	0.07	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	0.56	0.038	4	7	0.49	50	0.061	<20	0.83	0.06	0.08	<2	<0.05	<1	<5	<5	<5

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 01, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000270.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 14

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	14	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA350	14	50g lead collection fire assay analysis by ICP	50	Completed	VAN
EN002	14	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	14	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	14	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000270.1

Method		WGHT	FA350	FA350	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
22632	Rock	0.58	<2	<3	<2	<1	5	<3	28	<0.3	3	5	377	1.64	7	12	14	<0.5	<3	<3	37
22633	Rock	0.51	<2	<3	<2	<1	3	<3	7	<0.3	<1	1	122	0.61	<2	<2	7	<0.5	<3	<3	7
22634	Rock	0.47	<2	<3	<2	<1	5	<3	36	<0.3	2	6	521	2.13	4	16	18	<0.5	<3	<3	56
22635	Rock	0.97	<2	<3	<2	<1	19	5	33	<0.3	2	5	443	1.94	2	10	15	<0.5	<3	<3	45
22636	Rock	0.44	<2	<3	<2	<1	9	4	27	<0.3	3	5	428	1.68	13	14	15	<0.5	<3	<3	39
22637	Rock	1.03	38	<3	<2	<1	18	1090	387	6.7	4	5	1122	1.73	2127	16	59	15.6	6	7	17
22638	Rock	0.97	9755	<3	<2	8	28	7600	64	24.2	2	5	30	1.79	>10000	<2	7	5.5	>2000	11	2
22639	Rock	0.61	12	<3	<2	<1	3	10	5	<0.3	<1	<1	52	0.34	25	<2	5	<0.5	<3	<3	2
22640	Rock	1.06	17	<3	<2	<1	2	21	5	<0.3	<1	<1	110	0.38	23	<2	4	<0.5	7	5	1
22644	Rock	0.94	10	<3	<2	<1	5	22	25	<0.3	<1	<1	61	0.53	166	12	2	<0.5	<3	<3	<1
90017	Rock	0.10	357	<3	<2	3	15	19	14	1.8	3	42	243	3.78	1352	6	34	<0.5	<3	13	4
90018	Rock	0.29	<2	<3	<2	<1	8	4	46	<0.3	3	7	508	2.57	7	9	89	<0.5	<3	<3	49
90019	Rock	0.15	3	<3	<2	<1	19	13	41	<0.3	4	9	439	3.28	35	10	95	<0.5	3	5	67
90020	Rock	0.18	<2	<3	<2	<1	9	6	57	<0.3	4	10	608	3.18	4	6	112	<0.5	<3	<3	55

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000270.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22632	Rock		0.24	0.035	11	5	0.54	119	0.098	<20	0.96	0.09	0.57	<2	<0.05	<1	<5	<5	<5
22633	Rock		0.04	0.004	<1	<1	0.07	77	0.007	<20	0.34	0.05	0.15	<2	<0.05	<1	<5	<5	<5
22634	Rock		0.33	0.032	9	3	0.70	307	0.161	<20	1.31	0.13	0.83	<2	<0.05	<1	<5	<5	5
22635	Rock		0.51	0.028	12	2	0.54	207	0.109	<20	1.07	0.10	0.67	<2	<0.05	<1	<5	<5	<5
22636	Rock		0.29	0.031	15	4	0.50	148	0.117	<20	0.89	0.10	0.50	<2	<0.05	<1	<5	<5	<5
22637	Rock		1.37	0.054	15	1	0.32	129	0.012	<20	0.65	0.02	0.33	<2	0.33	<1	<5	<5	<5
22638	Rock		<0.01	0.002	<1	<1	<0.01	43	0.001	<20	0.08	<0.01	0.05	10	0.93	<1	<5	<5	<5
22639	Rock		0.01	0.001	1	<1	0.02	65	0.004	<20	0.20	0.03	0.18	<2	<0.05	<1	<5	<5	<5
22640	Rock		0.01	<0.001	<1	<1	0.02	51	0.001	<20	0.24	0.04	0.19	<2	<0.05	<1	<5	<5	<5
22644	Rock		0.01	0.004	14	<1	<0.01	42	<0.001	<20	0.21	0.04	0.18	<2	<0.05	<1	<5	<5	<5
90017	Rock		0.40	0.012	13	<1	0.07	153	0.002	<20	0.49	0.05	0.32	<2	2.92	<1	<5	<5	<5
90018	Rock		1.59	0.064	26	<1	0.42	423	0.044	<20	1.17	0.06	0.35	<2	<0.05	<1	<5	<5	7
90019	Rock		1.87	0.080	29	2	0.54	135	0.006	<20	1.46	0.02	0.21	<2	0.06	<1	<5	<5	11
90020	Rock		2.04	0.072	22	<1	0.54	715	0.058	<20	1.66	0.06	0.54	<2	<0.05	<1	<5	<5	8

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT

Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000270.1

	Method	WGHT	FA350	FA350	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1
Pulp Duplicates																					
22632	Rock	0.58	<2	<3	<2	<1	5	<3	28	<0.3	3	5	377	1.64	7	12	14	<0.5	<3	<3	37
REP 22632	QC					<1	5	<3	28	<0.3	3	5	375	1.64	7	11	14	<0.5	<3	<3	37
90018	Rock	0.29	<2	<3	<2	<1	8	4	46	<0.3	3	7	508	2.57	7	9	89	<0.5	<3	<3	49
REP 90018	QC		<2	<3	<2																
Core Reject Duplicates																					
22644	Rock	0.94	10	<3	<2	<1	5	22	25	<0.3	<1	<1	61	0.53	166	12	2	<0.5	<3	<3	<1
DUP 22644	QC		9	<3	<2	<1	5	26	25	0.3	<1	<1	59	0.51	169	12	2	<0.5	<3	<3	<1
Reference Materials																					
STD CDN-PGMS-19	Standard		234	115	509																
STD DS10	Standard					13	145	140	359	1.7	72	12	905	2.71	46	6	65	2.3	7	13	43
STD OREAS45EA	Standard					2	706	13	30	<0.3	378	48	414	22.14	7	3	3	<0.5	<3	<3	306
STD DS10 Expected						13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303
STD CDN-PGMS-19 Expected			230	108	476																
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<2	<3	<2																
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<3	<2	<1	3	<3	29	<0.3	<1	3	559	1.79	<2	<2	28	<0.5	<3	<3	23
ROCK-WHI	Prep Blank		<2	<3	<2	<1	5	4	33	<0.3	<1	3	533	1.76	<2	<2	23	<0.5	<3	<3	23

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000270.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
22632	Rock	0.24	0.035	11	5	0.54	119	0.098	<20	0.96	0.09	0.57	<2	<0.05	<1	<5	<5	<5
REP 22632	QC	0.24	0.034	11	4	0.54	115	0.098	<20	0.96	0.09	0.57	<2	<0.05	<1	<5	<5	<5
90018	Rock	1.59	0.064	26	<1	0.42	423	0.044	<20	1.17	0.06	0.35	<2	<0.05	<1	<5	<5	7
REP 90018	QC																	
Core Reject Duplicates																		
22644	Rock	0.01	0.004	14	<1	<0.01	42	<0.001	<20	0.21	0.04	0.18	<2	<0.05	<1	<5	<5	<5
DUP 22644	QC	0.01	0.004	14	<1	<0.01	44	<0.001	<20	0.21	0.04	0.18	<2	<0.05	<1	<5	<5	<5
Reference Materials																		
STD CDN-PGMS-19	Standard																	
STD DS10	Standard	1.05	0.072	16	51	0.76	419	0.075	<20	1.02	0.07	0.33	3	0.28	<1	6	<5	<5
STD OREAS45EA	Standard	0.03	0.030	7	815	0.10	138	0.097	<20	3.21	0.02	0.05	<2	<0.05	<1	<5	10	84
STD DS10 Expected		1.0625	0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.036	0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																	
Prep Wash																		
ROCK-WHI	Prep Blank	0.59	0.041	5	<1	0.47	64	0.078	<20	0.87	0.08	0.09	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	0.55	0.039	5	2	0.45	63	0.077	<20	0.85	0.08	0.09	<2	<0.05	<1	<5	<5	<5

BUREAU VERITAS MINERAL LABORATORIES Canada

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: August 16, 2017
Report Date: September 10, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000618.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 3

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	3	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA450	3	50g Lead Collection Fire Assay Fusion - AAS Finish	50	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	3	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	3	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000618.1

		Method	WGHT	FA450	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
R950460	Rock		0.87	4.732	<1	11	638	29	10.2	<1	<1	150	0.69	2176	<2	17	1.8	137	<3	1	0.02	0.004
R950461	Rock		0.85	4.857	<1	33	219	5765	9.6	1	10	1420	4.35	>10000	<2	9	116.4	44	<3	4	0.07	0.018
R950462	Rock		0.98	0.334	4	11	9213	941	75.3	<1	<1	75	1.02	1840	<2	2	97.9	1635	4	2	0.01	0.002

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Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000618.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
R950460	Rock		4	21	<0.01	360	<0.001	<20	0.07	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
R950461	Rock		6	10	0.04	150	0.001	<20	0.31	<0.01	0.25	<2	2.73	<1	<5	<5	<5
R950462	Rock		<1	31	<0.01	52	0.001	<20	0.03	<0.01	0.01	<2	0.08	4	<5	<5	<5

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Project: 2K
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000618.1

	Method	WGHT	FA450	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
R950461	Rock	0.85	4.857	<1	33	219	5765	9.6	1	10	1420	4.35	>10000	<2	9	116.4	44	<3	4	0.07	0.018
REP R950461	QC			<1	32	210	5755	9.6	1	10	1408	4.36	>10000	<2	8	116.5	43	<3	4	0.07	0.018
Reference Materials																					
STD DS11	Standard			14	150	139	341	1.9	78	13	1018	3.19	43	7	67	2.3	6	10	49	1.03	0.072
STD OREAS45EA	Standard			2	723	11	31	0.4	412	55	422	25.55	11	8	4	<0.5	<3	3	314	0.03	0.031
STD OXC145	Standard		0.219																		
STD OXC145	Standard		0.207																		
STD OXH122	Standard		1.241																		
STD OXH122	Standard		1.226																		
STD OXN117	Standard		7.438																		
STD OXN117	Standard		7.509																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OXN117 Expected			7.679																		
STD OXC145 Expected			0.212																		
STD OXH122 Expected			1.247																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	3	<3	32	<0.3	<1	4	561	1.87	<2	<2	27	<0.5	<3	<3	23	0.61	0.040

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000618.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
R950461	Rock	6	10	0.04	150	0.001	<20	0.31	<0.01	0.25	<2	2.73	<1	<5	<5	<5
REP R950461	QC	6	9	0.04	148	0.001	<20	0.31	<0.01	0.24	<2	2.71	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	17	57	0.85	424	0.089	<20	1.13	0.07	0.39	2	0.28	<1	<5	<5	<5
STD OREAS45EA	Standard	8	915	0.10	148	0.102	<20	3.49	0.02	0.06	<2	<0.05	<1	9	12	88
STD OXC145	Standard															
STD OXC145	Standard															
STD OXH122	Standard															
STD OXH122	Standard															
STD OXN117	Standard															
STD OXN117	Standard															
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
STD OXN117 Expected																
STD OXC145 Expected																
STD OXH122 Expected																
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	6	6	0.48	68	0.081	<20	0.95	0.12	0.11	<2	0.06	<1	<5	<5	<5

APPENDIX 5b

ORIGINAL SOIL ASSAY CERTIFICATES

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 05, 2017
Report Date: July 28, 2017
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI17000230.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	320	Save all or part of Soil Reject			WHI
FA330	317	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	320	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	320	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581901	Soil	6	<3	<2	1	19	4	73	<0.3	11	7	707	1.86	12	<2	34	0.8	<3	<3	46	0.35
581902	Soil	21	<3	2	<1	27	16	58	0.4	22	9	269	3.37	660	6	26	<0.5	<3	<3	79	0.42
581903	Soil	24	3	3	<1	46	11	20	<0.3	11	2	73	1.19	192	<2	54	<0.5	<3	<3	34	0.84
581905	Soil	7	<3	2	1	13	4	15	<0.3	6	6	1462	1.14	25	<2	32	<0.5	<3	<3	28	0.45
581906	Soil	10	<3	2	<1	19	4	38	<0.3	11	5	642	1.27	30	<2	46	<0.5	<3	<3	29	0.75
581907	Soil	6	<3	<2	<1	19	9	57	0.4	18	11	673	3.04	15	2	29	<0.5	<3	<3	75	0.36
581908	Soil	4	<3	<2	<1	19	6	51	0.5	17	11	619	3.02	12	2	27	<0.5	<3	<3	72	0.32
581909	Soil	5	<3	<2	<1	19	9	52	0.5	18	9	410	2.88	9	3	26	<0.5	<3	<3	70	0.30
581910	Soil	5	<3	2	<1	20	9	54	0.5	18	10	480	2.93	33	3	32	<0.5	<3	<3	71	0.39
581911	Soil	4	<3	<2	<1	18	10	59	0.5	17	11	694	2.96	20	4	31	<0.5	<3	<3	69	0.40
581912	Soil	5	<3	<2	<1	16	8	57	0.6	14	7	369	2.67	29	3	25	<0.5	<3	<3	64	0.33
581913	Soil	6	<3	<2	<1	14	5	56	0.5	13	9	628	2.95	41	3	32	<0.5	<3	<3	67	0.50
581914	Soil	4	<3	<2	<1	17	7	55	<0.3	15	7	336	2.75	45	5	23	<0.5	<3	<3	67	0.30
581915	Soil	5	<3	2	<1	14	6	60	<0.3	15	9	476	3.48	10	7	21	<0.5	<3	<3	80	0.40
581916	Soil	44	<3	<2	<1	14	6	62	<0.3	15	9	494	3.40	10	6	22	<0.5	<3	<3	78	0.40
581917	Soil	5	<3	<2	<1	17	9	61	0.7	17	9	604	3.09	21	4	36	<0.5	<3	<3	73	0.45
581918	Soil	3	<3	<2	<1	18	6	60	<0.3	29	14	426	3.86	10	6	17	<0.5	<3	<3	99	0.15
581919	Soil	5	<3	<2	<1	22	9	68	0.4	30	15	410	4.28	13	5	16	<0.5	<3	<3	103	0.17
581920	Soil	5	<3	<2	<1	17	10	43	<0.3	16	7	366	2.67	34	2	40	<0.5	<3	<3	55	0.53
581921	Soil	7	<3	3	<1	15	13	48	0.3	18	8	323	2.90	34	4	23	<0.5	<3	<3	77	0.27
581922	Soil	6	<3	<2	<1	14	13	52	0.4	15	8	398	2.93	32	5	26	<0.5	<3	<3	72	0.34
581923	Soil	5	<3	<2	<1	17	11	56	0.4	16	11	636	3.30	93	7	23	<0.5	<3	<3	77	0.31
581924	Soil	5	<3	<2	<1	22	7	55	<0.3	32	12	390	3.65	12	4	24	<0.5	<3	<3	88	0.29
581925	Soil	4	<3	2	<1	21	4	49	0.5	23	15	1211	3.00	19	3	41	<0.5	<3	<3	64	0.75
581926	Soil	4	<3	<2	<1	13	6	46	<0.3	15	7	288	2.80	18	3	31	<0.5	<3	<3	78	0.49
581927	Soil	5	<3	<2	<1	20	7	53	<0.3	20	9	365	3.44	21	4	33	<0.5	<3	<3	84	0.41
581928	Soil	4	<3	<2	<1	16	9	56	<0.3	22	10	273	3.80	23	4	19	<0.5	<3	<3	90	0.24
581929	Soil	5	<3	<2	<1	21	7	57	<0.3	18	9	443	3.00	8	7	32	<0.5	<3	<3	72	0.54
581930	Soil	6	<3	2	<1	14	6	41	0.4	13	5	219	1.99	7	<2	33	<0.5	<3	<3	53	0.39
1173051	Soil	4	<3	<2	<1	12	10	66	<0.3	15	10	573	3.18	47	6	25	<0.5	<3	<3	70	0.39

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581901	Soil	0.057	5	16	0.25	247	0.044	<20	1.11	0.02	0.04	<2	0.07	<1	<5	<5	<5
581902	Soil	0.064	15	35	0.77	264	0.117	<20	2.09	0.01	0.10	<2	<0.05	<1	<5	<5	6
581903	Soil	0.101	24	19	0.22	219	0.033	<20	1.41	0.02	0.04	<2	0.22	<1	<5	<5	<5
581905	Soil	0.059	17	10	0.15	108	0.028	<20	0.68	0.02	0.02	<2	0.09	<1	<5	<5	<5
581906	Soil	0.073	15	18	0.35	243	0.041	<20	1.03	0.02	0.05	<2	0.09	<1	<5	<5	<5
581907	Soil	0.057	13	32	0.67	227	0.099	<20	2.21	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581908	Soil	0.061	16	29	0.62	221	0.097	<20	2.03	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581909	Soil	0.062	17	30	0.64	219	0.104	<20	2.08	0.01	0.06	<2	0.05	<1	<5	<5	<5
581910	Soil	0.049	18	29	0.65	218	0.114	<20	2.00	0.01	0.08	<2	<0.05	<1	<5	<5	<5
581911	Soil	0.064	22	28	0.66	260	0.107	<20	2.06	0.01	0.12	<2	<0.05	<1	<5	<5	5
581912	Soil	0.059	17	24	0.61	178	0.108	<20	1.75	0.01	0.10	<2	0.05	<1	<5	<5	<5
581913	Soil	0.063	22	22	0.64	179	0.114	<20	1.68	0.01	0.13	<2	<0.05	<1	<5	<5	<5
581914	Soil	0.035	17	25	0.67	185	0.139	<20	1.82	0.01	0.11	<2	<0.05	<1	<5	<5	<5
581915	Soil	0.076	19	26	0.75	200	0.164	<20	1.96	0.01	0.20	<2	<0.05	<1	<5	<5	<5
581916	Soil	0.079	18	25	0.76	209	0.166	<20	1.98	0.01	0.22	<2	<0.05	<1	<5	<5	<5
581917	Soil	0.052	18	30	0.68	232	0.111	<20	2.03	0.01	0.12	<2	<0.05	<1	<5	<5	<5
581918	Soil	0.018	10	51	0.77	254	0.144	<20	3.29	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
581919	Soil	0.030	10	46	0.81	192	0.151	<20	3.50	0.01	0.09	<2	<0.05	<1	<5	<5	5
581920	Soil	0.048	22	22	0.44	480	0.038	<20	1.62	0.01	0.16	<2	<0.05	<1	<5	<5	<5
581921	Soil	0.027	12	28	0.60	133	0.129	<20	1.74	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581922	Soil	0.031	14	23	0.64	155	0.132	<20	1.69	0.01	0.15	<2	<0.05	<1	<5	<5	<5
581923	Soil	0.040	18	31	0.65	141	0.131	<20	1.97	0.01	0.14	<2	<0.05	<1	<5	<5	<5
581924	Soil	0.026	10	43	0.79	192	0.144	<20	2.47	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581925	Soil	0.085	15	34	0.86	186	0.107	<20	1.91	0.05	0.06	<2	<0.05	<1	<5	<5	5
581926	Soil	0.033	8	26	0.59	127	0.128	<20	1.73	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581927	Soil	0.026	9	39	0.65	188	0.131	<20	2.78	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581928	Soil	0.030	9	41	0.70	162	0.148	<20	3.12	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
581929	Soil	0.070	20	29	0.77	230	0.176	<20	1.95	0.02	0.22	<2	<0.05	<1	<5	<5	6
581930	Soil	0.028	9	22	0.47	170	0.116	<20	1.50	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173051	Soil	0.065	13	23	0.73	264	0.131	<20	1.73	0.01	0.23	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173052	Soil	7	<3	<2	<1	17	8	53	0.4	15	9	482	2.98	32	3	26	<0.5	<3	<3	70	0.33
1173053	Soil	7	<3	<2	<1	14	10	48	0.6	14	8	446	2.62	32	3	26	<0.5	<3	<3	61	0.30
1173054	Soil	7	<3	2	<1	14	8	52	0.6	12	8	725	2.64	55	2	31	<0.5	<3	<3	56	0.37
1173055	Soil	10	<3	<2	<1	16	10	75	<0.3	20	11	766	3.51	29	6	35	<0.5	<3	<3	77	0.54
1173056	Soil	7	<3	<2	<1	19	8	51	0.5	18	7	342	2.78	15	<2	29	<0.5	<3	<3	69	0.36
1173057	Soil	7	<3	2	<1	28	8	52	<0.3	29	12	497	3.20	15	6	26	<0.5	<3	<3	79	0.33
1173058	Soil	4	<3	<2	<1	14	10	58	<0.3	12	12	742	3.35	47	11	13	<0.5	<3	<3	70	0.25
1173059	Soil	7	<3	<2	<1	21	6	42	0.5	18	6	220	2.29	27	<2	48	<0.5	<3	<3	50	0.52
1173060	Soil	17	9	7	2	26	5	23	<0.3	11	12	3908	1.42	13	<2	87	<0.5	<3	<3	29	1.18
1173061	Soil	7	5	<2	<1	24	5	46	<0.3	13	5	607	1.32	24	<2	60	0.6	<3	<3	31	0.75
1173062	Soil	10	<3	2	<1	19	6	41	<0.3	11	11	1076	2.16	97	<2	37	<0.5	<3	<3	48	0.43
1173063	Soil	7	<3	<2	<1	18	8	56	0.6	14	10	611	2.87	39	2	34	<0.5	<3	<3	69	0.45
1173065	Soil	9	<3	<2	<1	17	8	55	0.5	14	10	632	2.81	94	3	32	<0.5	<3	<3	63	0.40
1173066	Soil	24	<3	<2	<1	13	9	63	0.5	15	10	583	2.86	47	4	33	<0.5	<3	<3	61	0.47
1173067	Soil	8	<3	<2	<1	13	10	63	0.6	15	9	567	2.99	54	4	35	<0.5	<3	<3	65	0.48
1173068	Soil	5	<3	3	<1	22	9	56	0.5	21	12	620	3.24	18	2	32	<0.5	<3	<3	85	0.40
1173069	Soil	4	<3	<2	<1	10	<3	34	0.5	10	5	250	1.67	7	<2	22	<0.5	<3	<3	40	0.29
1173070	Soil	5	<3	2	<1	18	8	68	<0.3	24	11	523	3.27	12	3	32	<0.5	<3	<3	79	0.45
1173071	Soil	6	<3	2	<1	20	5	54	<0.3	20	10	321	2.98	7	5	27	<0.5	<3	<3	67	0.43
1173072	Soil	9	3	3	<1	17	<3	21	<0.3	10	2	78	0.94	2	<2	46	<0.5	<3	<3	23	0.48
1173073	Soil	11	4	3	<1	17	4	49	0.5	17	7	334	2.36	24	<2	47	<0.5	<3	<3	51	0.61
1173074	Soil	10	5	7	<1	22	7	49	0.5	17	22	2321	2.48	9	<2	66	<0.5	<3	<3	63	0.89
1173075	Soil	15	<3	2	<1	17	4	44	0.4	18	7	336	2.57	27	3	30	<0.5	<3	<3	55	0.48
1173076	Soil	5	<3	3	<1	21	7	35	0.5	17	6	200	2.29	5	<2	36	<0.5	<3	<3	52	0.46
1173077	Soil	7	6	2	<1	20	5	42	0.5	18	7	267	2.47	6	2	37	<0.5	<3	<3	53	0.47
1173078	Soil	5	<3	<2	<1	19	4	56	0.4	20	9	328	2.73	6	2	40	<0.5	<3	<3	60	0.58
1173079	Soil	4	<3	2	<1	16	5	52	<0.3	20	9	317	2.88	8	<2	30	<0.5	<3	<3	72	0.38
1173080	Soil	4	<3	<2	<1	20	6	50	<0.3	25	12	292	3.40	10	3	21	<0.5	<3	<3	81	0.23
1173081	Soil	17	<3	<2	<1	34	7	57	0.5	24	11	293	3.27	259	2	29	<0.5	<3	<3	83	0.42
1173082	Soil	12	11	7	<1	14	<3	13	<0.3	7	3	112	0.98	26	<2	56	<0.5	<3	<3	20	0.73

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173052	Soil	0.050	15	24	0.59	236	0.097	<20	1.83	0.01	0.14	<2	<0.05	<1	<5	<5	<5
1173053	Soil	0.061	17	24	0.55	249	0.074	<20	1.67	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173054	Soil	0.073	22	20	0.53	281	0.078	<20	1.60	0.01	0.16	<2	0.05	<1	<5	<5	<5
1173055	Soil	0.071	20	36	0.82	330	0.120	<20	2.06	0.01	0.19	<2	<0.05	<1	<5	<5	6
1173056	Soil	0.049	15	29	0.68	207	0.114	<20	1.89	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173057	Soil	0.044	13	39	0.79	270	0.143	<20	2.53	0.02	0.10	<2	<0.05	<1	<5	<5	5
1173058	Soil	0.046	9	21	0.68	166	0.158	<20	1.94	<0.01	0.34	<2	<0.05	<1	<5	<5	<5
1173059	Soil	0.082	21	27	0.56	248	0.072	<20	1.85	0.02	0.08	<2	0.06	<1	<5	<5	<5
1173060	Soil	0.183	11	16	0.22	411	0.014	<20	0.74	0.02	0.04	<2	0.26	<1	<5	<5	<5
1173061	Soil	0.072	15	15	0.29	430	0.044	<20	0.95	0.02	0.06	<2	0.09	<1	<5	<5	<5
1173062	Soil	0.092	20	18	0.32	312	0.042	<20	1.27	0.02	0.05	<2	0.08	<1	<5	<5	<5
1173063	Soil	0.061	18	24	0.63	302	0.104	<20	1.79	0.01	0.11	<2	<0.05	<1	<5	<5	<5
1173065	Soil	0.070	19	23	0.62	279	0.088	<20	1.80	0.01	0.12	<2	0.05	<1	<5	<5	<5
1173066	Soil	0.072	18	24	0.60	296	0.085	<20	1.83	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1173067	Soil	0.076	18	25	0.60	315	0.080	<20	1.89	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1173068	Soil	0.055	15	36	0.71	284	0.116	<20	2.25	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173069	Soil	0.050	7	18	0.40	127	0.067	<20	1.02	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173070	Soil	0.055	10	38	0.82	224	0.134	<20	2.25	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173071	Soil	0.067	14	32	0.80	205	0.150	<20	2.06	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1173072	Soil	0.050	10	13	0.19	166	0.034	<20	0.68	0.03	0.04	<2	0.05	<1	<5	<5	<5
1173073	Soil	0.080	10	28	0.59	221	0.082	<20	1.66	0.02	0.07	<2	0.07	<1	<5	<5	<5
1173074	Soil	0.102	19	25	0.51	284	0.062	<20	1.59	0.02	0.07	<2	0.12	<1	<5	<5	<5
1173075	Soil	0.076	13	27	0.61	201	0.104	<20	2.08	0.02	0.09	<2	<0.05	<1	<5	<5	5
1173076	Soil	0.063	12	26	0.47	212	0.077	<20	1.82	0.02	0.05	<2	0.06	<1	<5	<5	<5
1173077	Soil	0.063	14	28	0.53	228	0.082	<20	2.09	0.02	0.06	<2	0.06	<1	<5	<5	<5
1173078	Soil	0.059	14	27	0.75	208	0.116	<20	1.92	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173079	Soil	0.049	8	28	0.75	172	0.123	<20	1.91	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173080	Soil	0.033	10	39	0.67	145	0.128	<20	2.89	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173081	Soil	0.084	18	37	0.82	292	0.100	<20	2.54	0.02	0.08	<2	<0.05	<1	<5	<5	6
1173082	Soil	0.077	12	11	0.15	281	0.025	<20	0.83	0.02	0.03	<2	0.15	<1	<5	<5	<5

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173083	Soil	I.S.	I.S.	I.S.	<1	24	4	35	<0.3	13	5	1291	0.85	40	<2	119	0.6	<3	<3	15	1.65
1173084	Soil	I.S.	I.S.	I.S.	<1	24	<3	15	<0.3	11	4	969	0.70	12	<2	95	0.5	<3	<3	13	1.31
1173085	Soil	13	<3	<2	1	26	13	71	0.4	29	16	751	4.08	180	7	31	0.5	<3	<3	93	0.41
1173086	Soil	11	7	6	<1	12	<3	10	<0.3	4	3	413	0.68	21	<2	44	<0.5	<3	<3	17	0.58
1173087	Soil	6	<3	2	<1	21	8	48	0.5	19	9	307	3.02	69	3	29	<0.5	<3	<3	74	0.42
1173088	Soil	6	<3	<2	<1	21	5	51	<0.3	20	9	315	3.00	68	3	32	<0.5	<3	<3	77	0.47
1173089	Soil	4	<3	2	1	21	5	42	0.4	14	12	758	3.15	55	<2	33	<0.5	<3	<3	69	0.41
1173090	Soil	11	<3	<2	<1	17	8	78	<0.3	17	10	631	3.33	69	3	30	<0.5	<3	<3	78	0.44
1173091	Soil	12	<3	<2	<1	19	11	57	0.4	15	8	471	2.70	87	<2	39	<0.5	<3	<3	62	0.50
1173092	Soil	5	<3	<2	<1	20	10	53	0.5	16	10	621	2.90	16	3	27	<0.5	<3	<3	66	0.33
1173093	Soil	7	4	6	<1	23	9	78	0.6	20	10	533	2.99	13	3	50	<0.5	<3	<3	69	0.77
1173094	Soil	13	<3	10	1	21	6	49	0.5	16	9	471	2.56	23	<2	43	<0.5	<3	<3	68	0.60
1173095	Soil	6	4	3	<1	14	7	37	<0.3	13	5	200	2.07	7	<2	27	<0.5	<3	<3	61	0.39
1173096	Soil	12	<3	3	<1	18	10	43	<0.3	16	6	274	2.33	15	<2	31	<0.5	<3	<3	64	0.40
1173097	Soil	3	3	4	<1	7	4	11	<0.3	3	1	28	0.58	<2	<2	9	<0.5	<3	<3	18	0.07
1173098	Soil	11	<3	7	<1	16	8	52	<0.3	17	8	228	2.52	9	<2	43	<0.5	<3	<3	57	0.58
1173099	Soil	23	<3	4	<1	27	11	56	<0.3	23	11	301	3.40	79	4	24	<0.5	<3	<3	83	0.38
1173100	Soil	18	<3	5	1	33	10	70	<0.3	30	12	480	3.88	97	5	34	<0.5	<3	<3	90	0.48
1173851	Soil	19	4	<2	<1	14	19	65	<0.3	17	8	245	2.89	216	6	26	<0.5	<3	<3	67	0.44
1173852	Soil	102	<3	4	1	18	16	62	<0.3	18	9	606	3.05	620	<2	21	<0.5	<3	<3	84	0.28
1173853	Soil	10	6	6	<1	19	10	48	<0.3	15	9	678	2.63	31	2	47	<0.5	<3	<3	56	0.61
1173854	Soil	11	5	6	<1	16	10	52	<0.3	15	6	320	2.53	17	2	31	<0.5	<3	<3	59	0.41
1173855	Soil	5	<3	3	<1	20	14	63	<0.3	21	11	612	3.48	19	4	28	<0.5	<3	<3	85	0.40
1173856	Soil	29	<3	4	<1	22	13	60	<0.3	20	11	627	3.48	21	3	29	<0.5	<3	<3	86	0.36
1173857	Soil	9	<3	9	<1	19	10	59	<0.3	19	8	436	2.96	20	2	38	<0.5	<3	<3	74	0.49
1173858	Soil	3	<3	3	<1	22	9	57	<0.3	19	8	392	3.01	18	2	32	<0.5	<3	<3	74	0.39
1173859	Soil	8	<3	5	<1	21	10	60	<0.3	19	8	395	3.17	23	3	32	<0.5	<3	<3	76	0.41
1173860	Soil	4	<3	5	<1	17	10	50	<0.3	15	8	377	2.75	12	3	25	<0.5	<3	<3	69	0.34
1173861	Soil	3	<3	4	<1	22	10	55	<0.3	18	8	450	2.92	13	<2	32	<0.5	<3	<3	78	0.37
1173862	Soil	6	<3	4	<1	18	10	59	<0.3	16	9	536	2.83	22	3	32	<0.5	<3	<3	70	0.43

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173083	Soil	0.123	34	11	0.23	652	0.016	<20	0.83	0.02	0.06	<2	0.23	<1	<5	<5	<5
1173084	Soil	0.126	37	9	0.18	485	0.015	<20	0.65	0.02	0.04	<2	0.22	<1	<5	<5	<5
1173085	Soil	0.050	14	42	0.81	341	0.138	<20	3.25	0.01	0.13	<2	<0.05	<1	<5	<5	6
1173086	Soil	0.063	19	8	0.13	195	0.023	<20	0.42	0.02	0.03	<2	0.10	<1	<5	<5	<5
1173087	Soil	0.067	13	33	0.68	215	0.114	<20	2.10	0.01	0.07	<2	<0.05	<1	<5	<5	5
1173088	Soil	0.067	11	34	0.71	234	0.122	<20	2.16	0.01	0.08	<2	<0.05	<1	<5	<5	5
1173089	Soil	0.085	12	27	0.44	206	0.064	<20	1.56	0.02	0.05	<2	0.08	<1	<5	<5	<5
1173090	Soil	0.041	11	30	0.84	296	0.147	<20	1.92	0.01	0.12	<2	<0.05	<1	<5	<5	<5
1173091	Soil	0.072	12	26	0.51	248	0.062	<20	1.65	0.02	0.07	<2	0.06	<1	<5	<5	<5
1173092	Soil	0.052	19	26	0.58	249	0.079	<20	1.77	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173093	Soil	0.067	21	31	0.67	499	0.070	<20	2.00	0.01	0.12	<2	0.06	<1	<5	<5	6
1173094	Soil	0.065	15	25	0.55	330	0.088	<20	1.68	0.02	0.06	<2	0.06	<1	<5	<5	<5
1173095	Soil	0.028	8	20	0.47	213	0.111	<20	1.36	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173096	Soil	0.040	9	23	0.47	201	0.093	<20	1.58	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173097	Soil	0.017	2	6	0.04	36	0.029	<20	0.30	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173098	Soil	0.078	8	25	0.71	199	0.106	<20	1.80	0.02	0.09	<2	0.06	<1	<5	<5	<5
1173099	Soil	0.066	14	32	0.71	233	0.132	<20	2.56	0.01	0.10	<2	<0.05	<1	<5	6	5
1173100	Soil	0.067	13	39	0.82	437	0.142	<20	3.01	0.01	0.13	<2	<0.05	<1	<5	<5	8
1173851	Soil	0.077	14	29	0.67	141	0.123	<20	1.94	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173852	Soil	0.045	10	26	0.53	132	0.111	<20	1.67	0.01	0.06	<2	<0.05	<1	<5	5	<5
1173853	Soil	0.082	44	23	0.51	355	0.063	<20	1.86	0.01	0.10	<2	0.08	<1	<5	<5	5
1173854	Soil	0.045	17	23	0.54	231	0.091	<20	1.71	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173855	Soil	0.045	15	31	0.77	223	0.139	<20	2.33	0.01	0.11	<2	<0.05	<1	<5	<5	5
1173856	Soil	0.042	16	31	0.70	238	0.121	<20	2.39	0.01	0.09	<2	<0.05	<1	<5	6	5
1173857	Soil	0.057	18	27	0.67	246	0.112	<20	2.02	0.01	0.11	<2	<0.05	<1	<5	7	<5
1173858	Soil	0.053	17	28	0.65	220	0.120	<20	2.09	0.01	0.08	<2	<0.05	<1	<5	5	<5
1173859	Soil	0.061	14	30	0.71	211	0.126	<20	2.38	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173860	Soil	0.038	15	24	0.58	170	0.124	<20	2.04	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173861	Soil	0.040	19	24	0.60	198	0.136	<20	1.90	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173862	Soil	0.059	19	23	0.64	214	0.123	<20	1.94	0.01	0.10	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173863	Soil		7	<3	<2	<1	15	9	58	<0.3	14	8	485	2.86	30	3	26	<0.5	<3	<3	68	0.37
1173864	Soil		4	<3	3	<1	17	11	61	<0.3	16	10	719	3.02	33	5	32	<0.5	<3	<3	71	0.46
1173865	Soil		4	<3	3	<1	14	9	60	<0.3	14	9	737	2.87	41	4	32	<0.5	<3	<3	65	0.47
1173866	Soil		6	<3	<2	<1	22	10	64	<0.3	21	11	500	3.58	27	4	30	<0.5	<3	<3	83	0.45
1173867	Soil		915	<3	<2	<1	13	24	80	<0.3	14	13	651	4.18	54	9	17	<0.5	<3	<3	81	0.27
1173868	Soil		<2	<3	2	<1	14	10	51	<0.3	12	7	380	3.09	9	3	16	<0.5	<3	<3	67	0.22
1173869	Soil		25	<3	3	<1	22	15	59	<0.3	25	11	401	3.62	482	6	23	<0.5	<3	<3	87	0.26
1173870	Soil		18	<3	<2	<1	23	15	56	<0.3	26	11	386	3.57	337	7	24	<0.5	<3	<3	89	0.27
1173871	Soil		441	<3	2	<1	15	13	81	<0.3	17	14	916	4.30	26	9	17	<0.5	<3	<3	87	0.32
1173872	Soil		<2	<3	<2	<1	14	9	49	<0.3	16	8	322	3.05	10	4	22	<0.5	<3	<3	85	0.30
1173873	Soil		4	<3	4	<1	20	11	65	<0.3	20	10	574	3.59	31	5	34	<0.5	<3	<3	85	0.46
1173874	Soil		4	<3	<2	1	21	12	52	<0.3	17	8	396	3.22	18	4	30	<0.5	<3	<3	80	0.43
1173875	Soil		2	<3	<2	<1	12	7	27	<0.3	8	4	125	2.09	12	<2	13	<0.5	<3	<3	56	0.15
1173876	Soil		6	<3	2	<1	20	9	58	<0.3	20	9	431	3.12	9	5	34	<0.5	<3	<3	77	0.54
1173877	Soil		<2	<3	2	<1	28	14	124	<0.3	41	18	481	4.79	31	5	37	<0.5	<3	<3	88	0.58
1173878	Soil		6	<3	2	<1	24	11	65	<0.3	33	17	646	4.29	41	6	32	<0.5	<3	<3	86	0.45
1173879	Soil		3	<3	<2	<1	32	6	73	<0.3	68	22	373	4.58	26	3	48	<0.5	<3	<3	71	0.72
1173901	Soil		14	<3	<2	<1	28	9	65	<0.3	24	10	450	3.50	72	6	31	<0.5	<3	<3	81	0.49
1173902	Soil		4	<3	<2	<1	18	8	44	<0.3	17	8	284	2.62	18	<2	20	<0.5	<3	<3	64	0.33
1173903	Soil		2	<3	<2	<1	13	4	19	<0.3	6	3	120	1.10	28	<2	18	<0.5	<3	<3	27	0.18
1173904	Soil		4	<3	<2	<1	9	18	33	<0.3	10	6	255	2.28	82	3	15	<0.5	<3	<3	61	0.18
1173905	Soil		<2	<3	4	<1	5	6	21	<0.3	4	9	970	1.27	5	<2	18	<0.5	<3	<3	36	0.16
1173906	Soil		4	<3	9	<1	12	<3	140	<0.3	5	2	153	0.54	2	<2	61	<0.5	<3	<3	13	0.72
1173907	Soil		<2	<3	4	<1	12	4	22	<0.3	6	3	106	1.10	<2	<2	16	<0.5	<3	<3	28	0.15
1173908	Soil		15	<3	<2	<1	27	14	73	<0.3	24	12	640	3.44	157	5	34	<0.5	<3	<3	78	0.46
1173909	Soil		12	<3	3	<1	23	9	57	<0.3	19	8	501	2.93	50	5	33	<0.5	<3	<3	74	0.52
1173910	Soil		5	<3	<2	<1	28	11	63	<0.3	23	9	349	3.52	27	7	33	<0.5	<3	<3	80	0.50
1173911	Soil		3	<3	6	<1	24	7	47	<0.3	14	8	1274	1.88	4	<2	35	0.5	<3	<3	44	0.38
1173912	Soil		32	14	46	1	25	9	82	<0.3	18	11	1692	2.06	16	<2	92	<0.5	<3	<3	46	1.31
1173913	Soil		<2	<3	4	<1	26	10	59	<0.3	21	9	340	2.96	8	3	37	<0.5	<3	<3	76	0.55

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CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173863	Soil		0.055	19	22	0.66	203	0.134	<20	1.90	0.01	0.12	<2	<0.05	<1	<5	<5	<5
1173864	Soil		0.062	22	24	0.69	248	0.134	<20	2.02	0.02	0.12	<2	<0.05	<1	<5	<5	5
1173865	Soil		0.062	23	21	0.65	214	0.130	<20	1.89	0.01	0.14	<2	<0.05	<1	<5	<5	<5
1173866	Soil		0.059	14	31	0.84	279	0.166	<20	2.15	0.02	0.13	<2	<0.05	<1	<5	<5	6
1173867	Soil		0.059	14	18	0.94	241	0.162	<20	3.10	<0.01	0.43	<2	<0.05	<1	<5	<5	6
1173868	Soil		0.031	8	17	0.49	131	0.100	<20	1.89	0.01	0.13	<2	<0.05	<1	<5	<5	<5
1173869	Soil		0.018	17	35	0.79	210	0.127	<20	2.80	<0.01	0.10	<2	<0.05	<1	<5	7	5
1173870	Soil		0.017	18	38	0.79	204	0.129	<20	2.81	<0.01	0.08	<2	<0.05	<1	<5	6	5
1173871	Soil		0.034	15	24	0.89	209	0.187	<20	2.78	<0.01	0.29	<2	<0.05	<1	<5	<5	5
1173872	Soil		0.029	8	26	0.61	123	0.150	<20	1.77	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173873	Soil		0.040	16	34	0.73	307	0.133	<20	2.81	0.02	0.08	<2	<0.05	<1	<5	5	6
1173874	Soil		0.034	9	27	0.56	194	0.123	<20	2.34	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173875	Soil		0.019	4	14	0.25	62	0.093	<20	1.16	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173876	Soil		0.062	16	29	0.80	222	0.171	<20	2.17	0.02	0.10	<2	<0.05	<1	<5	<5	6
1173877	Soil		0.100	14	48	1.49	253	0.170	<20	3.35	0.04	0.19	<2	<0.05	<1	<5	5	6
1173878	Soil		0.070	13	40	1.12	245	0.145	<20	3.32	0.03	0.15	<2	<0.05	<1	<5	5	7
1173879	Soil		0.107	16	35	1.71	253	0.215	<20	3.22	0.05	0.13	<2	<0.05	<1	<5	<5	<5
1173901	Soil		0.065	12	35	0.80	338	0.150	<20	2.62	0.01	0.13	<2	<0.05	<1	<5	<5	7
1173902	Soil		0.060	9	24	0.57	154	0.121	<20	1.82	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173903	Soil		0.039	6	10	0.13	110	0.039	<20	0.65	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173904	Soil		0.031	7	16	0.42	96	0.110	<20	1.32	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173905	Soil		0.037	3	13	0.12	157	0.058	<20	0.67	0.03	0.04	<2	<0.05	<1	<5	<5	<5
1173906	Soil		0.086	2	6	0.08	266	0.016	<20	0.31	0.02	0.07	<2	0.15	<1	<5	<5	<5
1173907	Soil		0.041	3	10	0.09	71	0.029	<20	0.61	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173908	Soil		0.063	23	32	0.72	333	0.121	<20	2.56	0.01	0.12	<2	<0.05	<1	<5	<5	7
1173909	Soil		0.075	17	30	0.60	168	0.145	<20	1.69	0.03	0.14	<2	<0.05	<1	<5	<5	6
1173910	Soil		0.064	23	37	0.78	246	0.163	<20	2.49	0.01	0.16	<2	<0.05	<1	<5	<5	9
1173911	Soil		0.078	15	18	0.28	207	0.048	<20	1.30	0.02	0.08	<2	0.07	<1	<5	<5	<5
1173912	Soil		0.130	16	23	0.48	664	0.051	<20	1.71	0.02	0.07	<2	0.17	<1	<5	<5	<5
1173913	Soil		0.068	16	31	0.87	331	0.132	<20	2.30	0.02	0.09	<2	<0.05	<1	<5	<5	6

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		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173914	Soil		6	<3	<2	1	19	8	38	<0.3	13	5	201	2.36	23	<2	40	<0.5	<3	<3	67	0.61
1173915	Soil		8	<3	6	1	41	10	52	<0.3	20	11	814	2.79	29	<2	55	<0.5	<3	<3	60	0.68
1173916	Soil		7	<3	7	2	37	7	43	<0.3	16	8	1005	2.00	86	<2	80	<0.5	<3	<3	48	1.31
1173917	Soil		5	<3	6	<1	20	4	22	<0.3	9	3	203	1.31	7	<2	35	<0.5	<3	<3	33	0.46
1173918	Soil		<2	<3	4	<1	13	6	35	<0.3	9	5	236	2.05	10	<2	21	<0.5	<3	<3	56	0.25
1173919	Soil		<2	<3	<2	1	23	10	48	<0.3	13	7	556	2.27	7	<2	36	<0.5	<3	<3	64	0.42
1173920	Soil		<2	<3	3	<1	12	5	16	<0.3	6	2	50	1.00	3	<2	46	<0.5	<3	<3	23	0.54
1173921	Soil		<2	<3	3	<1	7	4	17	<0.3	4	2	53	0.88	<2	<2	12	<0.5	<3	<3	19	0.11
1173922	Soil		<2	<3	8	<1	8	<3	13	<0.3	3	2	41	0.84	<2	<2	15	<0.5	<3	<3	23	0.12
1173923	Soil		<2	<3	3	<1	7	3	12	<0.3	2	1	40	0.76	<2	<2	11	<0.5	<3	<3	21	0.10
1173924	Soil		6	<3	<2	<1	29	13	82	<0.3	21	13	437	4.03	34	9	31	<0.5	<3	<3	103	0.50
1173925	Soil		4	<3	3	<1	31	11	71	<0.3	19	11	341	3.77	37	9	31	<0.5	<3	<3	95	0.49
1173926	Soil		10	10	54	<1	19	6	20	<0.3	9	3	122	1.40	35	<2	19	<0.5	<3	<3	39	0.17
1173927	Soil		<2	<3	6	<1	14	9	41	<0.3	10	6	479	1.73	6	<2	25	<0.5	<3	<3	40	0.36
1173928	Soil		6	<3	4	<1	14	10	55	<0.3	16	9	622	2.70	11	<2	28	<0.5	<3	<3	70	0.47
1173929	Soil		5	<3	7	<1	16	11	65	<0.3	21	9	391	2.78	11	5	33	<0.5	<3	<3	72	0.55
1173930	Soil		<2	<3	7	1	16	4	44	<0.3	7	3	63	1.39	3	<2	16	<0.5	<3	<3	37	0.16
1173931	Soil		3	<3	8	<1	21	6	43	<0.3	11	4	193	1.60	6	<2	27	<0.5	<3	<3	41	0.33
1173932	Soil		<2	<3	4	<1	13	6	30	<0.3	6	3	143	1.42	4	<2	10	<0.5	<3	<3	42	0.10
1173934	Soil		3	<3	6	<1	30	10	40	<0.3	20	6	338	2.37	38	<2	55	<0.5	<3	<3	49	0.69
1173935	Soil		7	<3	<2	<1	16	9	32	<0.3	11	4	177	1.83	25	<2	32	<0.5	<3	<3	48	0.37
1173936	Soil		3	<3	<2	<1	12	4	18	<0.3	4	2	55	1.02	3	<2	10	<0.5	<3	<3	27	0.09
1173937	Soil		13	<3	6	1	27	5	28	<0.3	12	7	1618	1.00	9	<2	115	<0.5	<3	<3	19	1.47
1173938	Soil		116	<3	<2	2	14	9	64	<0.3	15	6	268	2.25	11	<2	28	<0.5	<3	<3	58	0.48
1173939	Soil		12	<3	5	6	25	6	41	<0.3	12	35	3684	1.88	15	<2	49	0.7	<3	<3	40	0.70
1173940	Soil		7	<3	3	2	19	11	29	<0.3	10	22	2087	2.31	66	<2	20	<0.5	<3	<3	42	0.22
1173941	Soil		2	<3	<2	<1	8	3	13	<0.3	3	1	56	0.69	2	<2	12	<0.5	<3	<3	18	0.11
1173942	Soil		4	<3	<2	<1	8	9	20	<0.3	5	2	89	1.35	43	<2	13	<0.5	<3	<3	55	0.13
1173943	Soil		15	<3	3	<1	23	16	42	<0.3	15	9	893	1.93	103	<2	99	<0.5	<3	<3	41	1.41
1173944	Soil		13	<3	<2	<1	9	13	43	<0.3	11	6	302	2.51	140	<2	15	<0.5	<3	<3	63	0.20

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173914	Soil		0.037	8	22	0.43	265	0.108	<20	1.35	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173915	Soil		0.110	33	27	0.45	506	0.056	<20	2.39	0.02	0.09	<2	0.10	<1	<5	<5	6
1173916	Soil		0.119	19	21	0.48	464	0.059	<20	1.64	0.02	0.06	<2	0.14	<1	<5	<5	<5
1173917	Soil		0.078	12	13	0.19	184	0.035	<20	0.92	0.02	0.04	<2	0.08	<1	<5	<5	<5
1173918	Soil		0.032	6	16	0.31	140	0.083	<20	1.29	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173919	Soil		0.058	8	20	0.24	219	0.063	<20	1.34	0.01	0.04	<2	0.06	<1	<5	<5	<5
1173920	Soil		0.087	5	11	0.08	167	0.024	<20	0.67	0.02	0.03	<2	0.14	<1	<5	<5	<5
1173921	Soil		0.047	5	9	0.11	55	0.028	<20	0.63	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173922	Soil		0.037	2	8	0.05	42	0.026	<20	0.41	0.02	0.02	<2	<0.05	<1	<5	<5	<5
1173923	Soil		0.034	2	6	0.05	27	0.025	<20	0.42	0.02	0.02	<2	<0.05	<1	<5	<5	<5
1173924	Soil		0.086	27	33	1.01	360	0.173	<20	3.14	0.01	0.19	<2	<0.05	<1	<5	<5	10
1173925	Soil		0.081	31	33	0.91	339	0.172	<20	2.75	0.02	0.16	<2	<0.05	<1	<5	<5	11
1173926	Soil		0.032	8	12	0.19	109	0.061	<20	0.95	0.02	0.04	<2	<0.05	<1	<5	<5	<5
1173927	Soil		0.072	16	19	0.45	209	0.089	<20	1.58	0.01	0.14	<2	0.07	<1	<5	<5	<5
1173928	Soil		0.064	11	25	0.63	165	0.151	<20	1.61	0.02	0.10	<2	<0.05	<1	<5	<5	<5
1173929	Soil		0.070	14	31	0.76	219	0.162	<20	2.11	0.02	0.12	<2	<0.05	<1	<5	<5	5
1173930	Soil		0.057	4	14	0.08	56	0.041	<20	0.70	0.02	0.05	<2	0.08	<1	<5	<5	<5
1173931	Soil		0.061	6	16	0.21	108	0.039	<20	1.08	0.03	0.04	<2	0.06	<1	<5	<5	<5
1173932	Soil		0.054	4	12	0.11	61	0.057	<20	0.81	0.02	0.05	<2	0.07	<1	<5	<5	<5
1173934	Soil		0.106	28	24	0.37	313	0.053	<20	2.06	0.02	0.07	<2	0.11	<1	<5	<5	<5
1173935	Soil		0.049	8	16	0.27	156	0.070	<20	1.18	0.02	0.07	<2	0.06	<1	<5	<5	<5
1173936	Soil		0.017	4	7	0.05	46	0.046	<20	0.45	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173937	Soil		0.119	26	11	0.21	415	0.025	<20	0.86	0.02	0.04	<2	0.20	<1	<5	<5	<5
1173938	Soil		0.077	12	27	0.73	232	0.160	<20	1.95	0.02	0.20	<2	<0.05	<1	<5	<5	<5
1173939	Soil		0.144	12	16	0.26	340	0.032	<20	0.89	0.02	0.08	<2	0.18	<1	6	<5	<5
1173940	Soil		0.078	14	16	0.24	172	0.049	<20	1.47	0.02	0.04	<2	0.07	<1	<5	<5	<5
1173941	Soil		0.016	3	6	0.05	55	0.036	<20	0.49	0.02	0.02	<2	<0.05	<1	<5	<5	<5
1173942	Soil		0.017	5	10	0.10	86	0.093	<20	0.77	0.01	0.03	<2	<0.05	<1	<5	<5	<5
1173943	Soil		0.086	33	18	0.37	409	0.059	<20	1.50	0.02	0.07	<2	0.13	<1	<5	<5	<5
1173944	Soil		0.030	7	18	0.40	127	0.113	<20	1.51	0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173945	Soil	8	<3	2	<1	17	9	39	<0.3	13	7	979	1.65	19	<2	46	<0.5	<3	<3	36	0.59
1173946	Soil	7	<3	2	3	29	5	30	<0.3	11	14	1698	1.94	17	<2	89	<0.5	<3	<3	42	1.22
1173947	Soil	5	<3	<2	2	12	6	33	<0.3	12	5	222	2.28	11	<2	14	<0.5	<3	<3	59	0.18
1173948	Soil	3	<3	<2	2	17	8	58	<0.3	9	5	413	2.06	6	<2	17	<0.5	<3	<3	55	0.15
1173949	Soil	3	<3	<2	2	15	5	35	<0.3	8	5	402	1.33	7	<2	19	<0.5	<3	<3	36	0.19
1173950	Soil	16	<3	<2	1	18	11	45	<0.3	13	8	346	3.15	150	<2	14	<0.5	<3	<3	83	0.17
E5670260	Soil	10	<3	<2	<1	13	11	62	<0.3	9	8	677	3.66	68	12	22	<0.5	<3	<3	73	0.44
E5670262	Soil	5	<3	<2	1	15	12	68	<0.3	16	10	572	3.30	57	4	30	<0.5	<3	<3	74	0.42
E5670263	Soil	10	<3	<2	<1	17	10	58	<0.3	15	7	245	2.24	21	2	31	<0.5	<3	<3	64	0.38
E5670264	Soil	9	<3	<2	<1	12	12	63	<0.3	13	7	393	2.45	65	<2	37	<0.5	<3	<3	56	0.47
E5670265	Soil	9	<3	3	<1	13	11	61	<0.3	13	10	448	2.75	67	3	38	<0.5	<3	<3	66	0.49
E5670266	Soil	12	<3	2	<1	18	10	57	<0.3	13	8	557	2.53	66	<2	74	<0.5	<3	<3	54	0.87
E5670267	Soil	7	<3	<2	<1	12	9	56	<0.3	11	7	437	2.33	54	3	40	<0.5	<3	<3	53	0.55
E5670268	Soil	5	<3	<2	<1	13	9	43	<0.3	11	6	243	2.35	49	2	44	<0.5	<3	<3	58	0.51
E5670269	Soil	6	<3	<2	<1	14	12	56	<0.3	16	9	416	3.15	49	4	24	<0.5	<3	<3	76	0.31
E5670270	Soil	480	<3	<2	<1	13	20	70	<0.3	16	10	747	3.69	65	8	31	<0.5	<3	<3	67	0.52
E5670271	Soil	6	<3	<2	<1	18	9	40	<0.3	18	7	280	2.81	19	2	26	<0.5	<3	<3	72	0.29
E5670272	Soil	314	<3	<2	<1	9	12	73	<0.3	9	9	861	3.78	70	10	20	<0.5	<3	<3	74	0.55
E5670273	Soil	6	<3	<2	<1	21	8	55	<0.3	25	14	597	3.26	23	2	50	<0.5	<3	<3	67	0.64
E5670274	Soil	4	<3	<2	<1	22	8	48	<0.3	27	11	361	3.27	9	3	25	<0.5	<3	<3	86	0.39
E5670275	Soil	3	<3	<2	<1	15	10	49	<0.3	17	9	575	3.04	11	5	23	<0.5	<3	<3	69	0.34
E5670276	Soil	5	<3	<2	<1	16	9	44	<0.3	18	8	400	2.78	24	3	23	<0.5	<3	<3	65	0.29
E5670277	Soil	4	<3	<2	<1	19	11	65	<0.3	21	13	787	3.47	46	5	28	<0.5	<3	<3	80	0.41
E5670278	Soil	4	<3	<2	<1	20	7	56	<0.3	20	10	633	2.83	19	2	39	<0.5	<3	<3	62	0.51
E5670279	Soil	6	<3	<2	<1	21	11	66	<0.3	22	10	508	3.80	10	5	28	<0.5	<3	<3	94	0.39
E5670280	Soil	6	<3	<2	<1	21	9	57	<0.3	25	12	359	3.45	7	6	21	<0.5	<3	<3	82	0.31
E5670281	Soil	10	<3	<2	1	18	10	51	<0.3	13	7	425	2.32	35	<2	42	<0.5	<3	<3	51	0.56
E5670282	Soil	5	<3	<2	1	22	8	44	<0.3	13	8	448	2.15	22	<2	35	<0.5	<3	<3	53	0.45
E5670283	Soil	I.S.	I.S.	I.S.	1	26	4	25	<0.3	12	6	474	1.38	4	<2	56	<0.5	<3	<3	28	0.66
E5670284	Soil	5	<3	<2	1	16	9	55	<0.3	14	9	479	2.82	14	4	22	<0.5	<3	<3	71	0.32

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173945	Soil	0.097	16	20	0.40	331	0.059	<20	1.43	0.02	0.06	<2	0.12	<1	<5	<5	<5
1173946	Soil	0.124	24	14	0.29	451	0.034	<20	1.06	0.02	0.06	<2	0.18	<1	<5	<5	<5
1173947	Soil	0.022	6	17	0.36	106	0.111	<20	1.09	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173948	Soil	0.026	5	14	0.18	78	0.090	<20	0.82	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173949	Soil	0.030	6	11	0.17	82	0.061	<20	0.65	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173950	Soil	0.036	8	20	0.51	101	0.111	<20	1.73	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670260	Soil	0.106	29	14	0.63	327	0.130	<20	1.70	0.02	0.38	<2	<0.05	<1	<5	<5	6
E5670262	Soil	0.064	21	25	0.66	307	0.137	<20	2.01	0.01	0.17	<2	<0.05	<1	<5	<5	5
E5670263	Soil	0.060	22	24	0.55	300	0.093	<20	1.96	0.02	0.12	<2	0.06	<1	<5	<5	<5
E5670264	Soil	0.052	15	21	0.54	271	0.104	<20	1.76	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5670265	Soil	0.062	24	20	0.56	283	0.101	<20	1.70	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5670266	Soil	0.082	33	21	0.51	356	0.078	<20	1.77	0.02	0.09	<2	0.08	<1	<5	<5	5
E5670267	Soil	0.048	26	16	0.49	258	0.093	<20	1.43	0.01	0.11	<2	<0.05	<1	<5	<5	<5
E5670268	Soil	0.040	13	18	0.45	225	0.089	<20	1.54	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670269	Soil	0.042	13	26	0.62	217	0.118	<20	2.11	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670270	Soil	0.095	22	22	0.84	254	0.133	<20	1.71	0.03	0.33	<2	<0.05	<1	<5	<5	<5
E5670271	Soil	0.036	10	25	0.53	163	0.117	<20	1.89	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670272	Soil	0.130	17	15	0.75	217	0.184	<20	1.74	0.02	0.50	<2	<0.05	<1	<5	<5	<5
E5670273	Soil	0.073	14	29	0.93	198	0.142	<20	2.41	0.06	0.07	<2	<0.05	<1	<5	<5	<5
E5670274	Soil	0.042	8	32	0.72	191	0.150	<20	2.38	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670275	Soil	0.049	10	25	0.59	198	0.109	<20	2.07	0.01	0.11	<2	<0.05	<1	<5	<5	<5
E5670276	Soil	0.033	9	25	0.50	196	0.079	<20	2.13	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670277	Soil	0.060	14	30	0.75	186	0.145	<20	2.36	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5670278	Soil	0.058	13	27	0.67	219	0.103	<20	2.05	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670279	Soil	0.034	11	33	0.77	187	0.158	<20	2.49	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670280	Soil	0.040	9	34	0.77	170	0.158	<20	3.18	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670281	Soil	0.080	18	19	0.46	332	0.075	<20	1.65	0.02	0.09	<2	0.07	<1	<5	<5	<5
E5670282	Soil	0.062	16	19	0.43	271	0.085	<20	1.39	0.02	0.10	<2	0.06	<1	<5	<5	<5
E5670283	Soil	0.101	14	17	0.24	299	0.031	<20	1.02	0.03	0.05	<2	0.15	<1	<5	<5	<5
E5670284	Soil	0.069	13	25	0.58	213	0.123	<20	1.90	0.02	0.15	<2	<0.05	<1	<5	<5	<5

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670285	Soil	1217	<3	<2	<1	6	10	71	<0.3	2	8	993	3.33	190	25	19	<0.5	<3	<3	54	0.38
E5670286	Soil	8	<3	<2	<1	5	9	56	<0.3	2	6	590	2.49	139	19	16	<0.5	<3	<3	40	0.33
E5670287	Soil	10	<3	<2	<1	11	7	76	<0.3	9	11	1240	3.53	37	8	15	<0.5	<3	<3	66	0.37
E5670288	Soil	15	<3	<2	<1	15	11	67	<0.3	14	9	515	3.38	34	9	20	<0.5	<3	<3	80	0.41
E5670289	Soil	6	<3	<2	<1	8	12	73	<0.3	6	9	865	3.13	66	11	14	<0.5	<3	<3	62	0.40
E5670290	Soil	384	<3	<2	<1	6	5	66	<0.3	3	8	857	3.21	106	7	17	<0.5	<3	<3	54	0.49
E5670291	Soil	5	<3	<2	<1	15	6	42	<0.3	16	7	289	2.75	21	2	18	<0.5	<3	<3	70	0.25
E5670292	Soil	19	<3	<2	<1	21	7	61	<0.3	18	10	267	2.51	28	5	28	<0.5	<3	<3	77	0.45
E5670293	Soil	5	<3	<2	<1	19	4	52	<0.3	19	8	395	2.74	15	4	31	<0.5	<3	<3	66	0.53
E5670294	Soil	5	<3	<2	<1	15	6	43	<0.3	13	11	551	2.89	36	3	18	<0.5	<3	<3	66	0.23
E5670295	Soil	15	<3	2	<1	14	5	54	<0.3	14	7	350	2.57	11	3	23	<0.5	<3	<3	61	0.38
E5670296	Soil	15	<3	2	<1	15	6	53	<0.3	14	10	823	2.35	15	<2	48	<0.5	<3	<3	56	0.64
E5670297	Soil	7	<3	<2	<1	17	9	56	<0.3	17	12	725	2.99	11	3	27	<0.5	<3	<3	73	0.37
E5670298	Soil	7	<3	3	1	25	9	56	<0.3	19	17	1101	3.52	24	<2	34	<0.5	<3	<3	84	0.39
E5670299	Soil	6	<3	<2	<1	15	7	51	<0.3	15	6	251	2.23	7	2	35	<0.5	<3	<3	49	0.52
E5670300	Soil	5	<3	<2	<1	17	7	52	<0.3	16	9	389	2.84	11	<2	28	<0.5	<3	<3	72	0.37
E5670301	Soil	5	<3	<2	<1	15	6	55	<0.3	14	8	664	2.59	18	<2	31	<0.5	<3	<3	65	0.41
E5670302	Soil	5	<3	<2	<1	15	7	53	<0.3	15	7	498	2.75	62	2	26	<0.5	<3	<3	73	0.32
E5670303	Soil	6	<3	2	<1	20	9	53	<0.3	16	9	427	2.75	38	3	25	<0.5	<3	<3	67	0.35
E5670304	Soil	3	<3	<2	<1	13	9	67	<0.3	13	10	932	3.61	20	4	16	<0.5	<3	<3	78	0.26
E5670305	Soil	6	<3	<2	<1	14	7	57	<0.3	15	9	499	2.87	41	3	26	<0.5	<3	<3	69	0.38
E5670306	Soil	3	<3	2	<1	22	7	75	<0.3	20	13	750	3.97	9	7	27	<0.5	<3	<3	92	0.39
E5670307	Soil	7	<3	2	<1	19	10	64	<0.3	17	9	560	3.13	20	2	31	<0.5	<3	<3	77	0.40
E5670308	Soil	19	<3	<2	<1	13	9	73	<0.3	13	12	749	3.93	74	9	13	<0.5	<3	<3	75	0.24
E5670309	Soil	9	<3	2	<1	15	6	64	<0.3	18	12	613	3.94	99	8	17	<0.5	<3	<3	89	0.21
E5670310	Soil	4	<3	<2	<1	17	8	61	<0.3	25	13	590	3.93	250	6	26	<0.5	<3	<3	81	0.27
E5670311	Soil	52	<3	<2	<1	15	18	61	<0.3	13	10	764	3.21	629	5	32	<0.5	<3	<3	65	0.45
E5670312	Soil	10	<3	<2	<1	16	9	59	<0.3	17	10	743	3.11	30	6	25	<0.5	<3	<3	75	0.39
E5670313	Soil	9	<3	<2	<1	14	15	74	<0.3	15	11	858	3.45	38	7	19	<0.5	<3	<3	73	0.35
E5670314	Soil	10	<3	3	<1	19	10	60	<0.3	19	9	423	3.37	29	3	28	<0.5	<3	<3	89	0.38

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670285	Soil	0.119	48	4	0.59	371	0.116	<20	1.66	0.01	0.56	<2	<0.05	<1	<5	6	6
E5670286	Soil	0.107	40	3	0.40	319	0.062	<20	1.49	0.01	0.32	<2	<0.05	<1	<5	5	<5
E5670287	Soil	0.119	19	11	0.76	274	0.169	<20	2.01	0.01	0.66	<2	<0.05	<1	<5	7	<5
E5670288	Soil	0.097	20	21	0.66	254	0.152	<20	2.01	0.02	0.33	<2	<0.05	<1	<5	7	5
E5670289	Soil	0.119	21	10	0.74	243	0.159	<20	1.77	0.02	0.51	<2	<0.05	<1	<5	7	<5
E5670290	Soil	0.150	22	3	0.72	240	0.157	<20	1.61	0.02	0.68	<2	<0.05	<1	<5	6	<5
E5670291	Soil	0.053	9	24	0.50	141	0.118	<20	1.76	0.02	0.05	<2	<0.05	<1	<5	7	<5
E5670292	Soil	0.057	14	31	0.70	163	0.159	<20	2.16	0.03	0.06	<2	<0.05	<1	<5	7	6
E5670293	Soil	0.077	15	29	0.72	148	0.144	<20	1.74	0.03	0.10	<2	<0.05	<1	<5	<5	5
E5670294	Soil	0.040	11	27	0.45	158	0.104	<20	2.09	0.02	0.04	<2	<0.05	<1	<5	6	<5
E5670295	Soil	0.056	9	25	0.58	130	0.134	<20	1.71	0.02	0.09	<2	<0.05	<1	<5	6	<5
E5670296	Soil	0.072	20	21	0.54	245	0.087	<20	1.73	0.02	0.08	<2	0.06	<1	<5	<5	<5
E5670297	Soil	0.062	11	29	0.64	199	0.102	<20	2.20	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5670298	Soil	0.087	20	33	0.56	306	0.083	<20	2.47	0.02	0.08	<2	0.08	<1	<5	7	<5
E5670299	Soil	0.057	14	24	0.61	196	0.111	<20	1.79	0.02	0.08	<2	<0.05	<1	<5	5	<5
E5670300	Soil	0.059	12	29	0.58	179	0.104	<20	2.07	0.02	0.06	<2	<0.05	<1	<5	6	<5
E5670301	Soil	0.041	12	23	0.52	176	0.105	<20	1.70	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670302	Soil	0.036	9	26	0.57	119	0.125	<20	1.66	0.02	0.10	<2	<0.05	<1	<5	6	<5
E5670303	Soil	0.056	19	26	0.58	179	0.110	<20	2.00	0.02	0.09	<2	<0.05	<1	<5	6	<5
E5670304	Soil	0.054	9	23	0.52	163	0.123	<20	2.24	0.02	0.13	<2	<0.05	<1	<5	7	<5
E5670305	Soil	0.057	17	23	0.60	178	0.111	<20	1.82	0.02	0.10	<2	<0.05	<1	<5	5	<5
E5670306	Soil	0.053	16	31	1.01	242	0.223	<20	2.80	0.02	0.40	<2	<0.05	<1	<5	7	6
E5670307	Soil	0.052	19	28	0.65	233	0.116	<20	2.19	0.02	0.10	<2	<0.05	<1	<5	8	<5
E5670308	Soil	0.072	13	17	0.87	210	0.158	<20	2.79	0.02	0.41	<2	<0.05	<1	<5	9	6
E5670309	Soil	0.041	16	27	0.64	187	0.109	<20	2.74	0.02	0.11	<2	<0.05	<1	<5	9	5
E5670310	Soil	0.031	16	35	0.68	255	0.094	<20	2.79	0.02	0.10	<2	<0.05	<1	<5	7	6
E5670311	Soil	0.052	29	20	0.56	219	0.088	<20	1.80	0.01	0.12	<2	<0.05	<1	<5	5	<5
E5670312	Soil	0.057	16	25	0.63	158	0.133	<20	1.88	0.02	0.15	<2	<0.05	<1	<5	6	<5
E5670313	Soil	0.070	16	23	0.71	132	0.152	<20	2.08	0.01	0.24	<2	<0.05	<1	<5	6	<5
E5670314	Soil	0.037	13	31	0.65	182	0.129	<20	2.20	0.02	0.07	<2	<0.05	<1	<5	8	<5

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670315	Soil	13	<3	2	<1	16	10	54	<0.3	15	9	814	2.99	354	3	33	<0.5	<3	<3	61	0.49
E5670316	Soil	3	<3	<2	<1	20	10	63	<0.3	31	15	446	3.97	33	3	39	<0.5	<3	<3	92	0.83
E5670317	Soil	30	<3	<2	<1	18	6	60	<0.3	19	10	577	3.30	41	7	32	<0.5	<3	<3	81	0.51
E5670318	Soil	8	<3	<2	<1	19	7	57	<0.3	20	10	501	3.24	14	6	29	<0.5	<3	<3	78	0.51
E5670319	Soil	10	<3	5	<1	22	9	58	<0.3	21	9	502	3.72	33	7	27	<0.5	<3	<3	89	0.36
E5670320	Soil	6	<3	<2	<1	28	7	56	<0.3	23	11	588	3.34	28	7	24	<0.5	<3	<3	76	0.34
E5670321	Soil	4	<3	<2	<1	15	9	56	<0.3	19	11	390	3.61	24	5	17	<0.5	<3	<3	84	0.25
E5670322	Soil	12	<3	3	<1	14	7	57	<0.3	15	11	458	3.50	34	6	17	<0.5	<3	<3	75	0.35
E5670323	Soil	5	<3	<2	<1	22	7	80	<0.3	34	17	704	4.39	179	5	50	<0.5	<3	<3	70	0.86
E5670324	Soil	8	<3	<2	<1	17	9	53	<0.3	20	11	364	3.75	97	4	21	<0.5	<3	<3	88	0.30
E5670325	Soil	2	<3	<2	<1	5	4	13	<0.3	2	1	41	0.79	<2	<2	8	<0.5	<3	<3	24	0.07
E5670326	Soil	6	<3	<2	<1	22	7	39	<0.3	14	5	164	1.80	10	<2	33	<0.5	<3	<3	43	0.40
E5670327	Soil	20	<3	3	1	10	12	35	<0.3	8	4	230	2.36	53	<2	13	<0.5	<3	<3	66	0.15
E5670328	Soil	12	<3	3	<1	26	10	55	<0.3	23	10	354	3.04	20	5	43	<0.5	<3	<3	70	0.65
E5670329	Soil	4	<3	<2	<1	27	7	63	<0.3	28	18	531	4.10	10	5	46	<0.5	<3	<3	85	0.55
E5670330	Soil	9	<3	2	<1	28	9	54	<0.3	25	9	345	2.97	22	4	37	<0.5	<3	<3	69	0.54
E5670331	Soil	10	<3	2	<1	29	8	51	<0.3	21	8	286	2.67	22	3	33	<0.5	<3	<3	64	0.47
E5670332	Soil	7	<3	<2	<1	24	8	58	<0.3	24	13	442	3.05	17	3	27	<0.5	<3	<3	80	0.44
E5670333	Soil	11	<3	4	<1	19	9	58	<0.3	19	16	1360	2.95	25	3	31	<0.5	<3	<3	74	0.45
E5670334	Soil	20	<3	10	2	32	3	57	<0.3	16	24	6872	1.69	50	<2	112	1.0	<3	<3	27	1.38
E5670335	Soil	6	<3	<2	<1	15	6	27	<0.3	8	3	75	1.10	21	<2	27	<0.5	<3	<3	23	0.30
E5670336	Soil	21	<3	<2	<1	21	11	56	<0.3	19	9	279	2.75	70	4	30	<0.5	<3	<3	69	0.42
E5670337	Soil	7	<3	<2	<1	28	12	66	<0.3	22	12	625	3.46	89	2	40	<0.5	<3	<3	83	0.50
E5670338	Soil	12	3	4	1	24	7	42	<0.3	15	18	1703	2.07	33	<2	68	<0.5	<3	<3	47	0.75
E5670339	Soil	17	<3	<2	<1	16	13	58	<0.3	16	10	541	2.93	59	2	28	<0.5	<3	<3	67	0.34
E5670340	Soil	21	<3	<2	<1	19	10	54	<0.3	16	9	636	2.83	46	3	36	<0.5	<3	<3	63	0.44
E5670341	Soil	497	<3	<2	<1	9	8	55	<0.3	8	7	454	2.54	38	8	30	<0.5	<3	<3	51	0.45
E5670342	Soil	27	<3	<2	<1	15	9	55	<0.3	13	8	515	2.84	74	3	26	<0.5	<3	<3	62	0.35
E5670343	Soil	7	<3	<2	<1	19	9	61	<0.3	18	10	491	2.95	22	2	37	<0.5	<3	<3	68	0.52
E5670344	Soil	15	<3	3	<1	17	11	63	<0.3	19	11	659	3.20	11	4	26	<0.5	<3	<3	77	0.43

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CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670315	Soil		0.065	17	24	0.54	200	0.083	<20	2.02	0.02	0.11	<2	<0.05	<1	<5	6	<5
E5670316	Soil		0.083	10	40	1.18	192	0.187	<20	2.43	0.05	0.12	<2	<0.05	<1	<5	7	5
E5670317	Soil		0.066	17	33	0.80	160	0.174	<20	2.13	0.03	0.15	<2	<0.05	<1	<5	6	6
E5670318	Soil		0.070	16	29	0.78	210	0.159	<20	2.29	0.02	0.12	<2	<0.05	<1	<5	<5	5
E5670319	Soil		0.030	17	32	0.69	251	0.132	<20	2.65	0.02	0.11	<2	<0.05	<1	<5	7	6
E5670320	Soil		0.044	14	29	0.78	250	0.157	<20	2.53	0.02	0.20	<2	<0.05	<1	<5	6	5
E5670321	Soil		0.034	10	27	0.72	164	0.164	<20	2.68	0.01	0.12	<2	<0.05	<1	<5	<5	<5
E5670322	Soil		0.073	11	25	0.71	156	0.153	<20	2.56	0.01	0.24	<2	<0.05	<1	<5	<5	<5
E5670323	Soil		0.143	23	34	1.43	317	0.202	<20	2.71	0.05	0.49	<2	<0.05	<1	<5	<5	7
E5670324	Soil		0.042	10	30	0.65	170	0.145	<20	2.57	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670325	Soil		0.014	2	6	0.06	31	0.042	<20	0.37	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5670326	Soil		0.033	10	18	0.37	145	0.084	<20	1.39	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670327	Soil		0.028	6	15	0.29	63	0.097	<20	1.35	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670328	Soil		0.065	18	33	0.66	256	0.130	<20	2.33	0.02	0.07	<2	<0.05	<1	<5	<5	7
E5670329	Soil		0.066	13	41	1.24	250	0.175	<20	3.48	0.04	0.09	<2	<0.05	<1	<5	<5	6
E5670330	Soil		0.066	15	33	0.74	248	0.136	<20	2.14	0.03	0.08	<2	<0.05	<1	<5	<5	6
E5670331	Soil		0.057	12	30	0.60	192	0.131	<20	1.92	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670332	Soil		0.075	12	32	0.78	244	0.133	<20	2.28	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670333	Soil		0.069	12	32	0.74	315	0.123	<20	2.24	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670334	Soil		0.154	38	13	0.20	529	0.016	<20	0.96	0.02	0.04	<2	0.22	<1	9	<5	<5
E5670335	Soil		0.079	16	15	0.27	189	0.036	<20	1.07	0.02	0.03	<2	0.07	<1	<5	<5	<5
E5670336	Soil		0.057	19	30	0.74	302	0.119	<20	2.41	0.01	0.10	<2	<0.05	<1	<5	<5	6
E5670337	Soil		0.067	25	33	0.70	432	0.104	<20	2.45	0.01	0.08	<2	<0.05	<1	<5	6	6
E5670338	Soil		0.108	36	18	0.34	490	0.043	<20	1.31	0.02	0.06	<2	0.12	<1	<5	<5	<5
E5670339	Soil		0.054	14	27	0.52	214	0.086	<20	1.64	0.01	0.09	<2	<0.05	<1	<5	5	<5
E5670340	Soil		0.075	28	25	0.55	345	0.073	<20	1.80	0.01	0.08	<2	0.06	<1	<5	<5	<5
E5670341	Soil		0.082	25	13	0.53	253	0.089	<20	1.39	<0.01	0.24	<2	<0.05	<1	<5	<5	<5
E5670342	Soil		0.073	20	21	0.58	238	0.092	<20	1.77	0.01	0.16	<2	<0.05	<1	<5	<5	<5
E5670343	Soil		0.066	21	28	0.70	338	0.101	<20	1.95	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670344	Soil		0.068	12	27	0.76	192	0.149	<20	1.86	0.01	0.18	<2	<0.05	<1	<5	<5	<5

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670345	Soil	9	<3	4	1	26	12	45	<0.3	18	18	1094	2.80	13	<2	57	<0.5	<3	<3	64	0.64
E5670346	Soil	51	<3	<2	<1	12	25	69	<0.3	8	11	1156	3.19	44	11	14	<0.5	<3	<3	63	0.31
E5670347	Soil	6	<3	<2	<1	26	10	54	<0.3	22	11	515	3.12	16	2	28	<0.5	<3	<3	77	0.34
E5670348	Soil	8	<3	<2	<1	25	11	52	<0.3	21	11	599	2.97	19	3	39	<0.5	<3	<3	67	0.47
E5670349	Soil	8	<3	4	<1	26	10	45	<0.3	19	7	303	2.58	13	<2	36	<0.5	<3	<3	62	0.40
E5670350	Soil	10	<3	<2	<1	20	11	51	<0.3	19	10	387	2.92	18	3	30	<0.5	<3	<3	71	0.40
E5670351	Soil	9	<3	<2	<1	19	13	51	<0.3	16	12	1468	2.70	44	3	45	<0.5	<3	<3	63	0.65
E5670352	Soil	9	<3	<2	<1	20	10	63	<0.3	21	12	586	3.16	57	3	32	<0.5	<3	<3	76	0.47
E5670353	Soil	9	<3	<2	1	25	13	55	<0.3	15	12	1981	2.56	119	<2	68	<0.5	<3	<3	57	0.84
E5670354	Soil	9	<3	2	<1	21	15	65	<0.3	18	10	515	3.11	61	3	36	<0.5	<3	<3	74	0.44
E5670356	Soil	9	<3	<2	<1	16	12	57	<0.3	16	8	458	2.98	69	2	35	<0.5	<3	<3	66	0.44
E5670357	Soil	6	<3	<2	<1	22	12	62	<0.3	24	11	568	3.14	29	2	39	<0.5	<3	<3	80	0.52
E5670358	Soil	4	<3	<2	<1	18	8	40	<0.3	14	6	257	2.43	7	<2	29	<0.5	<3	<3	62	0.37
E5670359	Soil	6	<3	<2	<1	27	11	57	<0.3	23	10	496	3.19	18	3	33	<0.5	<3	<3	77	0.41
E5670360	Soil	5	<3	<2	<1	27	10	64	<0.3	21	11	577	3.44	11	6	34	<0.5	<3	<3	82	0.54
E5670361	Soil	6	<3	<2	<1	23	12	58	<0.3	20	9	277	2.88	13	7	27	<0.5	<3	<3	74	0.43
E5670362	Soil	4	<3	<2	<1	15	11	61	<0.3	18	10	639	3.32	17	6	25	<0.5	<3	<3	80	0.40
E5670363	Soil	12	<3	6	<1	18	11	29	<0.3	8	2	188	0.76	4	<2	75	<0.5	<3	<3	16	1.07
E5670364	Soil	8	<3	<2	<1	25	14	53	<0.3	22	10	307	3.21	23	5	26	<0.5	<3	<3	75	0.41
E5670365	Soil	6	<3	3	<1	19	14	63	<0.3	17	10	473	3.12	20	7	31	<0.5	<3	<3	77	0.53
E5670366	Soil	7	<3	<2	<1	18	15	56	0.8	20	12	601	3.25	12	6	20	<0.5	<3	<3	75	0.34
E5670367	Soil	4	<3	<2	<1	19	12	66	<0.3	18	11	639	3.18	15	8	33	<0.5	<3	<3	72	0.54
E5670369	Soil	4	<3	<2	<1	23	13	60	<0.3	19	10	579	3.31	13	4	22	<0.5	<3	<3	82	0.31
E5670371	Soil	<2	<3	<2	<1	5	4	15	<0.3	3	2	71	0.95	2	<2	5	<0.5	<3	<3	23	0.05
E5670372	Soil	4	<3	<2	<1	14	8	32	<0.3	8	5	207	1.95	11	2	10	<0.5	<3	<3	57	0.10
E5670373	Soil	5	<3	<2	<1	21	7	51	<0.3	22	9	374	2.95	7	5	22	<0.5	<3	<3	71	0.37
E5670370	Soil	18	<3	2	<1	18	13	50	<0.3	17	9	554	2.72	22	4	22	<0.5	<3	<3	64	0.33
E5670374	Soil	13	<3	<2	<1	14	12	55	<0.3	19	10	404	2.81	20	3	20	<0.5	<3	<3	70	0.33
E5670375	Soil	6	<3	<2	<1	27	9	57	<0.3	31	14	426	3.57	27	4	43	<0.5	<3	<3	77	0.65
E5670376	Soil	13	<3	<2	<1	23	18	53	<0.3	20	10	418	3.12	109	6	32	<0.5	<3	<3	70	0.43

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670345	Soil	0.105	29	25	0.51	265	0.071	<20	2.07	0.01	0.09	<2	0.10	<1	<5	<5	<5
E5670346	Soil	0.078	13	13	0.75	158	0.168	<20	1.80	0.01	0.46	<2	<0.05	<1	<5	6	<5
E5670347	Soil	0.058	14	32	0.64	222	0.110	<20	2.25	0.01	0.07	<2	<0.05	<1	<5	5	<5
E5670348	Soil	0.076	20	31	0.59	276	0.084	<20	2.36	0.01	0.08	<2	0.06	<1	<5	<5	<5
E5670349	Soil	0.057	18	27	0.50	228	0.084	<20	1.88	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5670350	Soil	0.038	11	28	0.61	208	0.114	<20	2.08	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670351	Soil	0.084	13	24	0.61	299	0.094	<20	1.71	0.02	0.08	<2	0.07	<1	<5	<5	<5
E5670352	Soil	0.065	10	28	0.75	233	0.121	<20	2.07	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670353	Soil	0.109	22	22	0.41	478	0.049	<20	1.51	0.02	0.06	<2	0.13	<1	<5	<5	<5
E5670354	Soil	0.077	17	30	0.62	359	0.083	<20	2.22	0.01	0.09	<2	0.06	<1	<5	6	<5
E5670356	Soil	0.065	18	25	0.62	293	0.092	<20	1.93	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5670357	Soil	0.061	13	38	0.84	291	0.123	<20	2.10	0.02	0.10	<2	<0.05	<1	<5	8	<5
E5670358	Soil	0.047	10	23	0.48	173	0.088	<20	1.51	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670359	Soil	0.059	14	33	0.66	274	0.104	<20	2.37	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670360	Soil	0.075	25	28	0.81	282	0.170	<20	2.14	0.03	0.20	<2	<0.05	<1	<5	<5	8
E5670361	Soil	0.068	25	28	0.70	279	0.137	<20	2.29	0.02	0.13	<2	<0.05	<1	<5	<5	7
E5670362	Soil	0.049	11	26	0.73	180	0.153	<20	1.94	0.02	0.13	<2	<0.05	<1	<5	<5	<5
E5670363	Soil	0.080	17	10	0.18	194	0.029	<20	0.53	0.02	0.05	<2	0.14	<1	<5	<5	<5
E5670364	Soil	0.063	19	30	0.76	228	0.135	<20	2.30	0.02	0.08	<2	<0.05	<1	<5	<5	6
E5670365	Soil	0.079	15	26	0.73	192	0.164	<20	1.88	0.03	0.14	<2	<0.05	<1	<5	<5	6
E5670366	Soil	0.059	14	28	0.67	162	0.144	<20	2.14	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5670367	Soil	0.092	27	24	0.72	261	0.137	<20	1.73	0.03	0.21	<2	<0.05	<1	<5	<5	7
E5670369	Soil	0.052	16	27	0.67	224	0.115	<20	2.23	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670371	Soil	0.019	2	4	0.07	16	0.040	<20	0.78	0.02	0.02	<2	<0.05	<1	<5	<5	<5
E5670372	Soil	0.020	5	13	0.19	58	0.095	<20	1.33	0.01	0.04	<2	<0.05	<1	<5	<5	<5
E5670373	Soil	0.065	11	29	0.67	148	0.142	<20	2.24	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670370	Soil	0.062	18	22	0.56	208	0.090	<20	1.91	0.02	0.11	<2	<0.05	<1	<5	<5	<5
E5670374	Soil	0.063	8	26	0.60	121	0.128	<20	1.87	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670375	Soil	0.087	16	36	1.05	187	0.180	<20	2.54	0.04	0.11	<2	<0.05	<1	<5	<5	7
E5670376	Soil	0.059	20	32	0.65	218	0.130	<20	2.30	0.02	0.09	<2	<0.05	<1	<5	<5	7

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670377	Soil		12	<3	<2	<1	22	11	57	<0.3	21	10	318	3.31	137	4	19	<0.5	<3	<3	77	0.30
E5670378	Soil		11	<3	3	<1	25	15	50	<0.3	24	12	432	3.33	70	4	33	<0.5	<3	<3	77	0.48
E5670379	Soil		16	<3	3	<1	27	19	62	<0.3	22	9	510	3.23	45	6	41	<0.5	<3	<3	74	0.66
E5670380	Soil		9	<3	<2	<1	20	13	54	<0.3	18	9	434	2.99	23	6	27	<0.5	<3	<3	70	0.42
E5670381	Soil		2	<3	<2	<1	8	4	17	<0.3	5	3	140	1.12	4	<2	16	<0.5	<3	<3	27	0.23
E5670382	Soil		10	<3	<2	<1	13	11	92	<0.3	5	10	915	4.39	147	13	17	<0.5	<3	<3	77	0.52
E5670383	Soil		7	<3	2	<1	16	10	63	<0.3	15	12	726	3.52	24	6	25	<0.5	<3	<3	79	0.42
E5670384	Soil		6	<3	2	<1	17	27	49	<0.3	18	9	387	2.92	12	5	32	<0.5	<3	<3	70	0.46
E5670385	Soil		3	<3	<2	<1	11	5	14	<0.3	4	2	60	1.11	3	<2	7	<0.5	<3	<3	30	0.06
E5670386	Soil		5	<3	<2	<1	21	10	50	<0.3	23	11	381	3.18	18	4	21	<0.5	<3	<3	79	0.30
E5670387	Soil		12	<3	2	2	35	18	87	<0.3	31	14	721	5.75	51	10	17	<0.5	<3	<3	134	0.16
E5670388	Soil		7	<3	<2	<1	13	12	42	<0.3	12	11	813	2.39	39	<2	21	<0.5	<3	<3	50	0.28
E5670389	Soil		15	<3	<2	1	14	15	47	<0.3	14	7	432	2.76	80	2	24	<0.5	<3	<3	69	0.29
E5670390	Soil		5	<3	<2	<1	7	20	20	<0.3	4	3	187	1.00	20	<2	13	<0.5	<3	<3	24	0.12
E5670391	Soil		11	<3	<2	1	21	13	57	<0.3	20	10	365	3.26	45	4	26	<0.5	<3	<3	78	0.30
E5670392	Soil		5	<3	<2	<1	15	12	51	<0.3	15	8	365	2.75	35	3	32	<0.5	<3	<3	65	0.39
E5670393	Soil		4	<3	<2	<1	10	10	50	<0.3	11	6	394	1.74	14	<2	34	<0.5	<3	<3	42	0.39
E5670394	Soil		8	<3	<2	<1	18	7	51	<0.3	15	11	636	2.79	42	2	40	<0.5	<3	<3	64	0.43
E5670395	Soil		11	<3	<2	<1	16	11	48	<0.3	14	8	395	2.57	31	3	36	<0.5	<3	<3	63	0.41
E5670396	Soil		7	<3	<2	<1	10	18	96	<0.3	8	11	1089	4.22	123	18	29	<0.5	<3	<3	74	0.60
E5670397	Soil		10	<3	9	<1	17	11	62	<0.3	16	13	1151	3.10	42	3	45	<0.5	<3	<3	61	0.61
E5670398	Soil		4	<3	<2	<1	14	9	44	<0.3	15	8	289	2.86	11	3	21	<0.5	<3	<3	74	0.29
E5670399	Soil		5	<3	<2	<1	18	12	59	<0.3	19	12	669	3.31	20	5	33	<0.5	<3	<3	73	0.51
E5670400	Soil		3	<3	<2	<1	14	13	59	<0.3	13	10	736	3.15	26	7	24	<0.5	<3	<3	68	0.37
E5670401	Soil		11	<3	<2	<1	19	15	72	<0.3	15	11	875	3.59	55	5	31	<0.5	<3	<3	71	0.50
E5670402	Soil		5	<3	<2	<1	11	9	76	<0.3	10	10	737	3.57	34	8	20	<0.5	<3	<3	65	0.43
E5670403	Soil		4	<3	<2	<1	23	10	53	<0.3	18	10	755	2.89	9	3	28	<0.5	<3	<3	68	0.34
E5670404	Soil		3	<3	<2	<1	14	17	74	<0.3	13	11	863	3.74	17	9	24	<0.5	<3	<3	66	0.44
E5670405	Soil		16	<3	<2	<1	16	13	51	<0.3	13	9	727	2.49	83	3	36	<0.5	<3	<3	57	0.50
E5670406	Soil		3	<3	<2	<1	6	9	56	<0.3	4	6	575	2.53	45	14	13	<0.5	<3	<3	42	0.36

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CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670377	Soil		0.043	8	33	0.64	116	0.142	<20	2.88	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5670378	Soil		0.065	15	35	0.66	239	0.125	<20	2.46	0.02	0.07	<2	<0.05	<1	<5	<5	6
E5670379	Soil		0.081	19	31	0.73	242	0.157	<20	2.10	0.03	0.14	<2	<0.05	<1	<5	<5	8
E5670380	Soil		0.065	15	30	0.67	172	0.145	<20	2.26	0.02	0.10	<2	<0.05	<1	<5	<5	5
E5670381	Soil		0.054	6	9	0.19	56	0.044	<20	0.64	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5670382	Soil		0.148	31	3	0.93	355	0.203	<20	2.00	0.01	0.89	<2	<0.05	<1	<5	<5	6
E5670383	Soil		0.085	21	23	0.67	275	0.143	<20	1.96	0.02	0.20	<2	<0.05	<1	<5	<5	6
E5670384	Soil		0.053	17	24	0.64	321	0.066	<20	2.20	0.01	0.11	<2	<0.05	<1	<5	<5	<5
E5670385	Soil		0.020	3	8	0.06	28	0.044	<20	0.70	0.01	0.02	<2	<0.05	<1	<5	<5	<5
E5670386	Soil		0.042	8	30	0.60	138	0.122	<20	2.71	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670387	Soil		0.030	15	57	0.85	238	0.155	<20	4.38	0.02	0.13	<2	<0.05	<1	<5	6	10
E5670388	Soil		0.068	13	21	0.40	182	0.065	<20	1.65	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670389	Soil		0.045	14	21	0.47	185	0.085	<20	1.75	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670390	Soil		0.038	6	9	0.15	83	0.041	<20	0.62	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5670391	Soil		0.042	17	29	0.60	281	0.100	<20	2.36	0.02	0.07	<2	<0.05	<1	<5	<5	5
E5670392	Soil		0.055	16	25	0.55	256	0.101	<20	1.93	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670393	Soil		0.028	10	17	0.47	216	0.097	<20	1.45	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670394	Soil		0.065	26	22	0.52	303	0.081	<20	1.87	0.02	0.07	<2	0.05	<1	<5	<5	<5
E5670395	Soil		0.055	19	22	0.51	252	0.091	<20	1.78	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670396	Soil		0.131	42	7	0.84	335	0.178	<20	1.95	0.01	0.49	<2	<0.05	<1	<5	8	7
E5670397	Soil		0.082	24	24	0.69	274	0.106	<20	1.93	0.02	0.15	<2	0.05	<1	<5	<5	<5
E5670398	Soil		0.038	8	22	0.53	128	0.129	<20	1.82	0.01	0.05	<2	<0.05	<1	<5	6	<5
E5670399	Soil		0.081	16	25	0.76	238	0.145	<20	2.21	0.02	0.18	<2	<0.05	<1	<5	6	<5
E5670400	Soil		0.065	18	18	0.66	277	0.139	<20	1.96	0.01	0.28	<2	<0.05	<1	<5	7	<5
E5670401	Soil		0.090	22	22	0.73	302	0.117	<20	2.25	0.01	0.27	<2	<0.05	<1	<5	8	5
E5670402	Soil		0.106	15	15	0.84	224	0.129	<20	1.91	0.01	0.49	<2	<0.05	<1	<5	7	<5
E5670403	Soil		0.055	20	25	0.57	184	0.092	<20	1.93	0.01	0.11	<2	<0.05	<1	<5	6	<5
E5670404	Soil		0.090	20	19	0.76	286	0.117	<20	2.17	0.01	0.35	<2	<0.05	<1	<5	6	5
E5670405	Soil		0.079	18	22	0.53	280	0.080	<20	1.62	0.02	0.09	<2	0.08	<1	<5	<5	<5
E5670406	Soil		0.109	38	3	0.56	327	0.122	<20	1.57	0.01	0.52	<2	<0.05	<1	<5	<5	<5

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670407	Soil	5	<3	<2	<1	6	11	67	<0.3	5	7	634	2.90	94	12	16	<0.5	<3	<3	50	0.35
E5670408	Soil	6	<3	<2	<1	11	9	71	<0.3	3	9	975	3.45	187	10	22	<0.5	<3	<3	54	0.41
E5670409	Soil	12	<3	<2	<1	6	12	76	<0.3	4	6	720	3.01	95	24	20	<0.5	<3	<3	42	0.44
E5670410	Soil	5	<3	<2	<1	10	12	70	<0.3	6	9	841	3.11	174	11	18	<0.5	<3	<3	52	0.37
E5670411	Soil	218	<3	<2	<1	11	39	99	<0.3	6	11	952	3.95	210	13	14	<0.5	<3	<3	63	0.39
E5670412	Soil	45	<3	<2	<1	11	14	67	<0.3	8	8	688	2.97	127	11	17	<0.5	<3	<3	54	0.36
E5670413	Soil	13	<3	<2	<1	22	20	82	<0.3	6	9	1036	3.67	276	15	19	<0.5	<3	<3	54	0.40
E5670414	Soil	7	<3	<2	<1	15	12	82	<0.3	11	11	1024	4.90	44	13	23	<0.5	<3	<3	89	0.51
E5670415	Soil	8	<3	<2	<1	20	16	82	<0.3	15	11	594	4.31	36	11	27	<0.5	<3	<3	83	0.49
E5670416	Soil	13	<3	5	<1	9	3	22	<0.3	4	<1	61	0.32	3	<2	96	<0.5	<3	<3	7	1.14
E5670417	Soil	16	<3	<2	<1	33	7	63	<0.3	25	19	359	4.17	54	4	32	<0.5	<3	<3	97	0.50
E5670418	Soil	6	<3	<2	<1	17	13	78	<0.3	17	12	1004	3.46	53	5	32	<0.5	<3	<3	79	0.50
E5670419	Soil	8	<3	<2	<1	23	10	57	<0.3	18	11	319	3.14	52	6	29	<0.5	<3	<3	71	0.46
E5670420	Soil	10	<3	<2	<1	21	10	60	<0.3	18	10	447	3.21	28	6	35	<0.5	<3	<3	74	0.55
E5670421	Soil	6	<3	2	<1	14	10	53	<0.3	15	10	545	2.76	12	3	27	<0.5	<3	<3	68	0.38
E5670422	Soil	4	<3	<2	<1	19	9	53	<0.3	16	10	637	2.73	11	2	34	<0.5	<3	<3	63	0.41
E5670423	Soil	5	<3	2	<1	29	10	56	<0.3	18	10	660	3.32	39	2	51	<0.5	<3	<3	76	0.65
E5670424	Soil	6	<3	4	<1	14	9	55	<0.3	15	9	471	2.71	10	3	29	<0.5	<3	<3	62	0.42
E5670425	Soil	8	<3	3	<1	15	8	45	<0.3	14	8	346	2.36	26	<2	32	<0.5	<3	<3	55	0.43
E5670426	Soil	4	<3	<2	<1	17	11	58	<0.3	18	11	682	2.95	41	<2	30	<0.5	<3	<3	71	0.40

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000230.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670407	Soil		0.105	35	6	0.68	377	0.142	<20	1.81	0.01	0.68	<2	<0.05	<1	<5	7	5
E5670408	Soil		0.117	43	4	0.76	492	0.151	<20	2.13	0.01	0.74	<2	<0.05	<1	<5	6	7
E5670409	Soil		0.118	48	5	0.67	541	0.116	<20	1.90	0.01	0.49	<2	<0.05	<1	<5	7	6
E5670410	Soil		0.108	37	8	0.58	365	0.109	<20	1.54	<0.01	0.51	<2	<0.05	<1	<5	5	6
E5670411	Soil		0.138	31	8	0.78	302	0.176	<20	2.05	<0.01	0.76	<2	<0.05	<1	<5	6	6
E5670412	Soil		0.101	34	10	0.59	331	0.114	<20	1.63	0.01	0.47	<2	<0.05	<1	<5	<5	<5
E5670413	Soil		0.113	45	8	0.56	423	0.087	<20	1.45	0.01	0.40	<2	<0.05	<1	<5	<5	7
E5670414	Soil		0.133	29	13	0.76	361	0.192	<20	1.90	0.01	0.54	<2	<0.05	<1	<5	7	6
E5670415	Soil		0.113	32	16	0.64	362	0.184	<20	2.06	0.02	0.40	<2	<0.05	<1	<5	6	7
E5670416	Soil		0.078	5	3	0.14	132	0.010	<20	0.24	0.02	0.04	<2	0.15	<1	<5	<5	<5
E5670417	Soil		0.108	13	27	1.18	179	0.228	<20	3.26	0.03	0.11	<2	<0.05	<1	<5	8	5
E5670418	Soil		0.068	12	27	0.79	197	0.158	<20	2.13	0.02	0.19	<2	<0.05	<1	<5	5	5
E5670419	Soil		0.071	18	29	0.71	234	0.150	<20	2.10	0.02	0.11	<2	<0.05	<1	<5	<5	6
E5670420	Soil		0.066	15	30	0.72	246	0.160	<20	2.25	0.02	0.13	<2	<0.05	<1	<5	<5	7
E5670421	Soil		0.057	12	24	0.62	211	0.111	<20	1.88	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670422	Soil		0.060	18	24	0.57	245	0.095	<20	1.95	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670423	Soil		0.075	21	29	0.57	305	0.089	<20	2.35	0.01	0.09	<2	<0.05	<1	<5	6	<5
E5670424	Soil		0.068	12	23	0.60	162	0.108	<20	1.77	0.02	0.10	<2	<0.05	<1	<5	6	<5
E5670425	Soil		0.058	14	22	0.51	188	0.090	<20	1.71	0.02	0.07	<2	0.05	<1	<5	5	<5
E5670426	Soil		0.062	13	29	0.63	205	0.099	<20	2.17	0.02	0.07	<2	<0.05	<1	<5	7	<5

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Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000230.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
581914	Soil		4	<3	<2	<1	17	7	55	<0.3	15	7	336	2.75	45	5	23	<0.5	<3	<3	67	0.30
REP 581914	QC		8	<3	2																	
1173056	Soil		7	<3	<2	<1	19	8	51	0.5	18	7	342	2.78	15	<2	29	<0.5	<3	<3	69	0.36
REP 1173056	QC					<1	19	9	51	0.5	18	7	346	2.80	16	2	29	<0.5	<3	<3	71	0.36
1173070	Soil		5	<3	2	<1	18	8	68	<0.3	24	11	523	3.27	12	3	32	<0.5	<3	<3	79	0.45
REP 1173070	QC		16	<3	2																	
1173093	Soil		7	4	6	<1	23	9	78	0.6	20	10	533	2.99	13	3	50	<0.5	<3	<3	69	0.77
REP 1173093	QC					<1	23	8	77	0.5	20	10	528	2.95	13	3	49	<0.5	<3	<3	67	0.77
1173855	Soil		5	<3	3	<1	20	14	63	<0.3	21	11	612	3.48	19	4	28	<0.5	<3	<3	85	0.40
REP 1173855	QC		4	<3	7																	
1173879	Soil		3	<3	<2	<1	32	6	73	<0.3	68	22	373	4.58	26	3	48	<0.5	<3	<3	71	0.72
REP 1173879	QC					<1	32	7	73	<0.3	67	22	369	4.53	27	3	48	<0.5	<3	<3	72	0.71
1173909	Soil		12	<3	3	<1	23	9	57	<0.3	19	8	501	2.93	50	5	33	<0.5	<3	<3	74	0.52
REP 1173909	QC		21	<3	8																	
1173937	Soil		13	<3	6	1	27	5	28	<0.3	12	7	1618	1.00	9	<2	115	<0.5	<3	<3	19	1.47
REP 1173937	QC					1	28	6	28	<0.3	12	7	1598	1.02	9	<2	113	<0.5	<3	<3	20	1.49
1173947	Soil		5	<3	<2	2	12	6	33	<0.3	12	5	222	2.28	11	<2	14	<0.5	<3	<3	59	0.18
REP 1173947	QC		5	<3	<2																	
E5670283	Soil		I.S.	I.S.	I.S.	1	26	4	25	<0.3	12	6	474	1.38	4	<2	56	<0.5	<3	<3	28	0.66
REP E5670283	QC					1	26	4	26	<0.3	12	6	468	1.38	4	<2	55	<0.5	<3	<3	28	0.65
E5670292	Soil		19	<3	<2	<1	21	7	61	<0.3	18	10	267	2.51	28	5	28	<0.5	<3	<3	77	0.45
REP E5670292	QC		21	<3	<2																	
E5670319	Soil		10	<3	5	<1	22	9	58	<0.3	21	9	502	3.72	33	7	27	<0.5	<3	<3	89	0.36
REP E5670319	QC					<1	22	9	58	<0.3	21	9	499	3.69	33	7	27	<0.5	<3	<3	90	0.36
E5670321	Soil		4	<3	<2	<1	15	9	56	<0.3	19	11	390	3.61	24	5	17	<0.5	<3	<3	84	0.25
REP E5670321	QC		8	<3	<2																	
E5670356	Soil		9	<3	<2	<1	16	12	57	<0.3	16	8	458	2.98	69	2	35	<0.5	<3	<3	66	0.44
REP E5670356	QC					<1	16	12	57	<0.3	16	8	451	2.95	68	3	35	<0.5	<3	<3	66	0.44

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QUALITY CONTROL REPORT WHI17000230.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
581914	Soil		0.035	17	25	0.67	185	0.139	<20	1.82	0.01	0.11	<2	<0.05	<1	<5	<5	<5
REP 581914	QC																	
1173056	Soil		0.049	15	29	0.68	207	0.114	<20	1.89	0.01	0.09	<2	<0.05	<1	<5	<5	<5
REP 1173056	QC		0.049	15	30	0.68	209	0.114	<20	1.89	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173070	Soil		0.055	10	38	0.82	224	0.134	<20	2.25	0.01	0.10	<2	<0.05	<1	<5	<5	<5
REP 1173070	QC																	
1173093	Soil		0.067	21	31	0.67	499	0.070	<20	2.00	0.01	0.12	<2	0.06	<1	<5	<5	6
REP 1173093	QC		0.066	21	31	0.66	496	0.069	<20	1.99	0.01	0.12	<2	0.06	<1	<5	<5	6
1173855	Soil		0.045	15	31	0.77	223	0.139	<20	2.33	0.01	0.11	<2	<0.05	<1	<5	<5	5
REP 1173855	QC																	
1173879	Soil		0.107	16	35	1.71	253	0.215	<20	3.22	0.05	0.13	<2	<0.05	<1	<5	<5	<5
REP 1173879	QC		0.108	15	36	1.69	249	0.211	<20	3.18	0.05	0.13	<2	<0.05	<1	<5	<5	<5
1173909	Soil		0.075	17	30	0.60	168	0.145	<20	1.69	0.03	0.14	<2	<0.05	<1	<5	<5	6
REP 1173909	QC																	
1173937	Soil		0.119	26	11	0.21	415	0.025	<20	0.86	0.02	0.04	<2	0.20	<1	<5	<5	<5
REP 1173937	QC		0.119	27	11	0.22	410	0.024	<20	0.86	0.02	0.04	<2	0.20	<1	<5	<5	<5
1173947	Soil		0.022	6	17	0.36	106	0.111	<20	1.09	0.02	0.05	<2	<0.05	<1	<5	<5	<5
REP 1173947	QC																	
E5670283	Soil		0.101	14	17	0.24	299	0.031	<20	1.02	0.03	0.05	<2	0.15	<1	<5	<5	<5
REP E5670283	QC		0.101	14	16	0.24	293	0.031	<20	1.02	0.03	0.05	<2	0.15	<1	<5	<5	<5
E5670292	Soil		0.057	14	31	0.70	163	0.159	<20	2.16	0.03	0.06	<2	<0.05	<1	<5	7	6
REP E5670292	QC																	
E5670319	Soil		0.030	17	32	0.69	251	0.132	<20	2.65	0.02	0.11	<2	<0.05	<1	<5	7	6
REP E5670319	QC		0.031	17	32	0.69	248	0.132	<20	2.64	0.02	0.11	<2	<0.05	<1	<5	8	6
E5670321	Soil		0.034	10	27	0.72	164	0.164	<20	2.68	0.01	0.12	<2	<0.05	<1	<5	<5	<5
REP E5670321	QC																	
E5670356	Soil		0.065	18	25	0.62	293	0.092	<20	1.93	0.01	0.10	<2	<0.05	<1	<5	<5	<5
REP E5670356	QC		0.065	17	26	0.61	291	0.092	<20	1.91	0.01	0.10	<2	<0.05	<1	<5	<5	<5

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		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
E5670360	Soil	5	<3	<2	<1	27	10	64	<0.3	21	11	577	3.44	11	6	34	<0.5	<3	<3	82	0.54
REP E5670360	QC	7	<3	2																	
E5670393	Soil	4	<3	<2	<1	10	10	50	<0.3	11	6	394	1.74	14	<2	34	<0.5	<3	<3	42	0.39
REP E5670393	QC				<1	10	8	50	<0.3	11	6	395	1.78	14	<2	34	<0.5	<3	<3	42	0.39
E5670399	Soil	5	<3	<2	<1	18	12	59	<0.3	19	12	669	3.31	20	5	33	<0.5	<3	<3	73	0.51
REP E5670399	QC	7	<3	<2																	
E5670425	Soil	8	<3	3	<1	15	8	45	<0.3	14	8	346	2.36	26	<2	32	<0.5	<3	<3	55	0.43
REP E5670425	QC				<1	16	9	46	<0.3	15	8	353	2.44	27	<2	33	<0.5	<3	<3	56	0.44
E5670426	Soil	4	<3	<2	<1	17	11	58	<0.3	18	11	682	2.95	41	<2	30	<0.5	<3	<3	71	0.40
REP E5670426	QC	14	4	3																	
Reference Materials																					
STD CDN-PGMS-19	Standard	225	107	490																	
STD CDN-PGMS-23	Standard	463	472	2116																	
STD CDN-PGMS-19	Standard	226	119	497																	
STD CDN-PGMS-23	Standard	509	478	2175																	
STD CDN-PGMS-19	Standard	257	104	495																	
STD CDN-PGMS-23	Standard	530	497	2119																	
STD CDN-PGMS-19	Standard	224	108	477																	
STD CDN-PGMS-19	Standard	242	118	518																	
STD CDN-PGMS-23	Standard	471	481	2140																	
STD CDN-PGMS-19	Standard	274	111	479																	
STD CDN-PGMS-23	Standard	469	461	2092																	
STD CDN-PGMS-19	Standard	196	109	490																	
STD CDN-PGMS-23	Standard	542	471	2153																	
STD CDN-PGMS-19	Standard	243	114	490																	
STD CDN-PGMS-23	Standard	505	492	2184																	
STD CDN-PGMS-19	Standard	229	113	508																	
STD CDN-PGMS-23	Standard	525	443	2058																	
STD CDN-PGMS-19	Standard	278	105	485																	

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		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
E5670360	Soil	0.075	25	28	0.81	282	0.170	<20	2.14	0.03	0.20	<2	<0.05	<1	<5	<5	8
REP E5670360	QC																
E5670393	Soil	0.028	10	17	0.47	216	0.097	<20	1.45	0.02	0.09	<2	<0.05	<1	<5	<5	<5
REP E5670393	QC	0.028	10	17	0.47	221	0.096	<20	1.45	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670399	Soil	0.081	16	25	0.76	238	0.145	<20	2.21	0.02	0.18	<2	<0.05	<1	<5	6	<5
REP E5670399	QC																
E5670425	Soil	0.058	14	22	0.51	188	0.090	<20	1.71	0.02	0.07	<2	0.05	<1	<5	5	<5
REP E5670425	QC	0.060	15	24	0.53	194	0.090	<20	1.74	0.02	0.07	<2	0.06	<1	<5	<5	<5
E5670426	Soil	0.062	13	29	0.63	205	0.099	<20	2.17	0.02	0.07	<2	<0.05	<1	<5	7	<5
REP E5670426	QC																
Reference Materials																	
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
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STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000230.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD DS10	Standard				14	151	152	359	2.3	72	12	869	2.76	45	8	64	2.5	8	12	43	1.08
STD DS10	Standard				13	150	154	363	2.2	73	12	869	2.75	44	8	64	2.5	7	12	43	1.07
STD DS10	Standard				14	154	150	370	1.5	74	12	894	2.80	46	7	67	2.3	7	12	43	1.08
STD DS10	Standard				14	154	151	373	1.9	75	12	884	2.76	47	7	67	2.4	6	11	44	1.09
STD DS10	Standard				15	156	156	377	1.9	75	13	903	2.83	47	7	68	2.3	7	11	44	1.09
STD DS10	Standard				12	142	140	352	1.7	73	12	882	2.63	43	8	62	2.5	7	13	42	1.03
STD DS10	Standard				12	145	141	366	2.0	71	12	908	2.71	44	8	65	2.6	6	13	42	1.06
STD DS10	Standard				14	149	146	354	1.8	72	12	871	2.76	45	8	67	2.2	6	11	42	1.06
STD DS10	Standard				14	151	148	377	1.9	74	12	885	2.80	46	7	67	2.3	7	10	42	1.08
STD OREAS45EA	Standard				2	683	14	29	0.8	357	52	394	21.27	10	12	3	<0.5	<3	<3	294	0.03
STD OREAS45EA	Standard				2	686	13	29	0.9	362	52	401	20.73	11	12	3	1.6	<3	<3	300	0.03
STD OREAS45EA	Standard				2	705	15	30	<0.3	391	53	410	22.47	5	7	4	<0.5	<3	<3	313	0.04
STD OREAS45EA	Standard				2	728	17	31	<0.3	402	54	422	23.04	6	9	4	<0.5	<3	<3	318	0.04
STD OREAS45EA	Standard				2	723	17	30	<0.3	398	54	419	22.88	5	8	4	<0.5	<3	<3	319	0.04
STD OREAS45EA	Standard				2	672	14	29	<0.3	349	48	402	20.39	7	9	3	<0.5	<3	<3	295	0.03
STD OREAS45EA	Standard				1	695	13	29	0.4	360	48	414	21.05	7	11	3	0.7	<3	<3	301	0.03
STD OREAS45EA	Standard				2	686	17	29	<0.3	385	53	401	21.72	5	9	4	<0.5	<3	<3	309	0.04
STD OREAS45EA	Standard				2	685	18	29	<0.3	379	52	399	21.61	5	8	4	<0.5	<3	<3	307	0.04
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-23 Expected		496	456	2032																	
STD CDN-PGMS-19 Expected		230	108	476																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000230.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD DS10	Standard	0.074	16	57	0.80	420	0.077	<20	1.02	0.07	0.33	3	0.29	<1	5	<5	<5
STD DS10	Standard	0.075	16	56	0.79	422	0.076	<20	1.02	0.07	0.32	3	0.29	<1	6	<5	<5
STD DS10	Standard	0.076	16	54	0.78	430	0.079	<20	1.05	0.07	0.34	3	0.29	<1	7	<5	<5
STD DS10	Standard	0.077	17	54	0.79	434	0.079	<20	1.06	0.07	0.35	3	0.29	<1	7	<5	<5
STD DS10	Standard	0.077	17	55	0.80	441	0.080	<20	1.07	0.07	0.35	3	0.29	<1	7	<5	<5
STD DS10	Standard	0.073	16	52	0.74	406	0.073	<20	0.99	0.06	0.32	4	0.28	<1	<5	<5	<5
STD DS10	Standard	0.076	17	55	0.77	421	0.076	<20	1.03	0.07	0.33	3	0.29	<1	<5	<5	<5
STD DS10	Standard	0.075	16	52	0.77	426	0.078	<20	1.03	0.07	0.34	2	0.29	<1	6	<5	<5
STD DS10	Standard	0.076	16	52	0.78	428	0.078	<20	1.03	0.07	0.34	3	0.29	<1	6	<5	<5
STD OREAS45EA	Standard	0.029	7	916	0.10	144	0.099	<20	3.28	0.02	0.06	<2	<0.05	<1	<5	9	82
STD OREAS45EA	Standard	0.030	7	911	0.10	147	0.100	<20	3.27	0.02	0.05	<2	<0.05	<1	<5	10	82
STD OREAS45EA	Standard	0.030	8	892	0.10	148	0.103	<20	3.35	0.02	0.06	<2	<0.05	<1	<5	9	85
STD OREAS45EA	Standard	0.031	8	916	0.10	151	0.106	<20	3.50	0.02	0.06	<2	<0.05	<1	<5	7	88
STD OREAS45EA	Standard	0.031	8	909	0.10	152	0.104	<20	3.41	0.02	0.06	<2	<0.05	<1	<5	18	87
STD OREAS45EA	Standard	0.030	8	830	0.09	137	0.094	<20	3.16	0.02	0.05	<2	<0.05	<1	<5	12	82
STD OREAS45EA	Standard	0.030	8	865	0.10	140	0.098	<20	3.28	0.03	0.05	<2	<0.05	<1	<5	19	85
STD OREAS45EA	Standard	0.030	8	886	0.10	147	0.100	25	3.23	0.02	0.06	<2	<0.05	<1	<5	16	84
STD OREAS45EA	Standard	0.030	8	881	0.09	145	0.098	<20	3.17	0.02	0.06	<2	<0.05	<1	<5	10	84
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-23 Expected																	
STD CDN-PGMS-19 Expected																	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000230.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	4																	
BLK	Blank	2	<3	3																	
BLK	Blank	<2	<3	3																	
BLK	Blank	<2	<3	4																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
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BLK	Blank	<2	<3	<2																	
BLK	Blank	3	<3	5																	
BLK	Blank	<2	<3	<2																	

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		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 05, 2017
Report Date: July 28, 2017
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI17000231.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 189

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	189	Dry at 60C			WHI
SS80	189	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	189	Save all or part of Soil Reject			WHI
FA330	188	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	189	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	189	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	189	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670427	Soil	6	<3	<2	<1	17	10	58	<0.3	17	8	434	2.97	47	2	30	<0.5	<3	<3	73	0.38
E5670428	Soil	6	<3	<2	<1	18	10	60	<0.3	17	11	838	2.96	23	<2	26	<0.5	<3	<3	71	0.34
E5670429	Soil	5	<3	<2	<1	22	9	57	<0.3	21	8	480	2.92	17	2	29	<0.5	<3	<3	73	0.34
E5670430	Soil	5	<3	<2	1	30	12	59	<0.3	19	16	2180	3.14	36	<2	35	<0.5	<3	<3	78	0.40
E5670431	Soil	4	<3	<2	1	23	10	47	<0.3	17	8	451	2.98	15	3	25	<0.5	<3	<3	73	0.27
E5670432	Soil	3	<3	<2	<1	18	9	50	<0.3	15	6	308	2.46	23	<2	47	<0.5	<3	<3	57	0.55
E5670433	Soil	4	<3	<2	1	19	14	63	<0.3	19	11	710	3.53	25	3	30	<0.5	<3	<3	87	0.36
E5670434	Soil	10	<3	3	<1	14	16	60	<0.3	16	8	462	3.07	63	4	25	<0.5	<3	<3	77	0.33
E5670435	Soil	9	<3	<2	<1	18	11	57	<0.3	22	9	400	3.59	38	5	24	<0.5	<3	<3	89	0.37
E5670436	Soil	8	<3	<2	<1	18	12	53	<0.3	21	9	404	3.08	33	3	28	<0.5	<3	<3	76	0.38
E5670437	Soil	3	<3	<2	<1	9	7	31	<0.3	6	2	96	1.09	7	<2	21	<0.5	<3	<3	33	0.23
E5670438	Soil	12	<3	<2	<1	18	14	66	<0.3	21	9	505	3.39	252	3	31	<0.5	<3	<3	82	0.44
E5670439	Soil	4	<3	<2	1	16	9	50	<0.3	18	10	371	3.69	11	<2	26	<0.5	<3	<3	90	0.34
E5670440	Soil	13	<3	<2	<1	25	12	51	<0.3	21	11	878	3.13	70	<2	55	<0.5	<3	<3	68	0.85
E5670441	Soil	5	<3	<2	<1	23	11	57	<0.3	20	8	331	3.41	15	4	24	<0.5	<3	<3	95	0.29
E5670442	Soil	5	<3	<2	<1	21	10	52	<0.3	21	8	344	3.34	18	3	23	<0.5	<3	<3	87	0.33
E5670443	Soil	4	<3	<2	<1	15	10	66	<0.3	19	12	733	3.61	29	3	22	<0.5	<3	<3	83	0.39
E5670444	Soil	9	<3	<2	<1	19	11	59	<0.3	23	10	355	3.39	21	4	23	<0.5	<3	<3	84	0.32
E5670445	Soil	8	<3	<2	<1	17	10	55	<0.3	22	10	456	3.44	49	4	24	<0.5	<3	<3	84	0.34
E5670446	Soil	10	<3	<2	<1	25	10	53	<0.3	25	9	376	3.15	81	3	31	<0.5	<3	<3	73	0.46
E5670447	Soil	7	<3	<2	<1	19	9	55	<0.3	21	11	532	3.26	92	4	24	<0.5	<3	<3	78	0.39
E5670448	Soil	7	<3	2	<1	33	9	59	<0.3	26	8	371	3.17	30	4	38	<0.5	<3	<3	77	0.57
E5670449	Soil	6	<3	3	<1	19	12	58	<0.3	19	9	696	3.05	53	3	37	<0.5	<3	<3	70	0.45
E5670450	Soil	4	<3	<2	<1	11	5	20	<0.3	6	3	118	1.39	5	<2	13	<0.5	<3	<3	33	0.13
E5670451	Soil	4	<3	<2	<1	11	4	17	<0.3	5	2	46	1.10	4	<2	15	<0.5	<3	<3	34	0.12
E5670452	Soil	4	<3	2	1	20	9	49	<0.3	18	7	284	3.41	11	<2	21	<0.5	<3	<3	85	0.27
E5670453	Soil	40	<3	2	<1	23	15	61	<0.3	22	9	389	3.08	20	3	35	<0.5	<3	<3	72	0.52
E5670454	Soil	7	<3	2	<1	22	7	49	<0.3	23	9	333	2.91	24	3	26	<0.5	<3	<3	70	0.41
E5670455	Soil	53	<3	2	<1	17	10	61	<0.3	17	11	434	3.80	30	5	24	<0.5	<3	<3	93	0.42
E5670456	Soil	7	<3	3	2	18	10	63	<0.3	14	13	1568	2.69	30	<2	45	<0.5	<3	<3	60	0.53

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670427	Soil	0.050	13	26	0.63	182	0.108	<20	2.05	0.01	0.06	<2	<0.05	<1	<5	5	<5
E5670428	Soil	0.065	14	26	0.63	193	0.105	<20	2.02	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5670429	Soil	0.031	16	25	0.60	211	0.131	<20	1.96	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5670430	Soil	0.055	18	25	0.56	255	0.105	<20	2.03	0.02	0.10	<2	<0.05	<1	<5	5	<5
E5670431	Soil	0.046	17	26	0.52	252	0.083	<20	2.06	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670432	Soil	0.062	15	22	0.49	318	0.047	<20	1.92	0.02	0.11	<2	0.05	<1	<5	8	<5
E5670433	Soil	0.041	13	30	0.64	191	0.122	<20	2.36	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670434	Soil	0.054	13	24	0.62	145	0.133	<20	1.81	0.01	0.11	<2	<0.05	<1	<5	<5	<5
E5670435	Soil	0.043	12	30	0.74	147	0.147	<20	2.34	0.01	0.11	<2	<0.05	<1	<5	6	<5
E5670436	Soil	0.040	10	27	0.67	180	0.133	<20	2.14	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5670437	Soil	0.021	4	11	0.17	76	0.075	<20	0.66	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5670438	Soil	0.044	12	30	0.73	196	0.145	<20	2.32	0.01	0.12	<2	<0.05	<1	<5	5	<5
E5670439	Soil	0.048	9	30	0.63	149	0.138	<20	2.35	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5670440	Soil	0.076	20	36	0.57	298	0.098	<20	2.87	0.02	0.10	<2	0.05	<1	<5	<5	8
E5670441	Soil	0.032	11	32	0.64	163	0.144	<20	2.29	0.01	0.07	<2	<0.05	<1	<5	6	<5
E5670442	Soil	0.044	10	29	0.64	155	0.154	<20	2.20	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670443	Soil	0.084	11	24	0.79	143	0.173	<20	2.07	0.01	0.30	<2	<0.05	<1	<5	<5	<5
E5670444	Soil	0.047	9	32	0.72	157	0.142	<20	2.46	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670445	Soil	0.043	9	29	0.69	162	0.140	<20	2.16	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5670446	Soil	0.063	12	31	0.72	219	0.134	<20	2.32	0.02	0.09	<2	<0.05	<1	<5	<5	5
E5670447	Soil	0.064	11	27	0.71	160	0.143	<20	2.21	0.01	0.13	<2	<0.05	<1	<5	<5	<5
E5670448	Soil	0.066	16	37	0.70	257	0.154	<20	2.08	0.03	0.15	<2	<0.05	<1	<5	<5	8
E5670449	Soil	0.053	22	27	0.58	378	0.072	<20	2.07	0.01	0.12	<2	<0.05	<1	<5	5	<5
E5670450	Soil	0.028	5	11	0.15	71	0.055	<20	0.98	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5670451	Soil	0.023	3	10	0.06	52	0.050	<20	0.52	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5670452	Soil	0.043	9	30	0.58	129	0.136	<20	2.29	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670453	Soil	0.072	17	31	0.76	224	0.157	<20	2.14	0.02	0.11	<2	<0.05	<1	<5	<5	5
E5670454	Soil	0.057	10	29	0.69	190	0.143	<20	2.11	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5670455	Soil	0.077	18	26	0.84	250	0.168	<20	2.14	0.02	0.15	<2	<0.05	<1	<5	<5	5
E5670456	Soil	0.090	14	23	0.42	413	0.072	<20	1.78	0.02	0.08	<2	0.08	<1	<5	<5	<5

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670457	Soil	11	<3	<2	<1	15	11	63	<0.3	14	7	262	2.98	101	3	32	<0.5	<3	<3	77	0.42
E5670458	Soil	6	<3	2	<1	15	8	50	<0.3	13	6	276	2.35	51	<2	36	<0.5	<3	<3	56	0.41
E5670459	Soil	575	<3	<2	<1	19	21	60	<0.3	19	10	543	3.25	71	5	21	<0.5	<3	<3	76	0.27
E5671010	Soil	6	4	3	<1	11	7	53	<0.3	7	5	833	1.41	4	<2	17	<0.5	<3	<3	39	0.16
E5671011	Soil	10	<3	3	<1	31	16	63	<0.3	22	13	533	3.25	42	5	24	<0.5	<3	<3	73	0.32
E5671012	Soil	89	<3	3	<1	20	13	70	<0.3	19	11	702	3.50	751	4	31	<0.5	<3	<3	68	0.46
E5671013	Soil	26	<3	4	<1	25	6	24	<0.3	12	8	806	1.92	180	<2	56	<0.5	<3	<3	40	0.77
E5671014	Soil	7	<3	<2	1	20	8	43	0.4	19	8	319	3.62	20	3	19	<0.5	<3	<3	97	0.23
E5671015	Soil	11	<3	2	<1	19	7	51	<0.3	19	9	364	2.94	82	4	27	<0.5	<3	<3	69	0.43
E5671016	Soil	5	<3	<2	<1	17	8	41	<0.3	16	8	319	2.77	30	3	24	<0.5	<3	<3	63	0.35
E5671017	Soil	10	<3	<2	<1	15	6	37	<0.3	13	6	225	2.49	165	2	17	<0.5	<3	<3	57	0.24
E5671018	Soil	19	<3	<2	<1	16	11	52	<0.3	20	7	273	3.07	108	2	27	<0.5	<3	<3	74	0.42
E5671019	Soil	14	<3	<2	<1	21	10	61	<0.3	19	9	392	2.97	175	3	26	<0.5	<3	<3	71	0.40
E5671020	Soil	19	<3	2	<1	26	9	56	<0.3	21	9	407	3.12	151	5	38	<0.5	<3	<3	74	0.58
E5671021	Soil	21	<3	<2	1	25	9	41	0.6	18	12	1104	2.79	245	<2	46	<0.5	<3	<3	55	0.71
E5671022	Soil	6	<3	<2	<1	26	6	50	<0.3	27	12	509	3.27	14	4	34	<0.5	<3	<3	76	0.49
E5671023	Soil	5	<3	<2	<1	21	6	51	<0.3	21	8	343	3.02	10	4	32	<0.5	<3	<3	74	0.52
E5671024	Soil	6	<3	<2	<1	25	10	45	<0.3	24	9	337	3.11	20	4	36	<0.5	<3	<3	76	0.48
E5671025	Soil	8	<3	<2	<1	24	7	47	<0.3	22	9	353	3.05	48	3	28	<0.5	<3	<3	74	0.39
E5671026	Soil	8	<3	<2	<1	22	8	42	<0.3	21	9	406	2.83	37	4	31	<0.5	<3	<3	67	0.43
E5671027	Soil	8	<3	<2	<1	20	9	44	<0.3	19	8	431	2.68	33	<2	27	<0.5	<3	<3	65	0.40
E5671028	Soil	9	<3	<2	<1	20	7	40	<0.3	17	8	398	2.61	27	2	26	<0.5	<3	<3	61	0.38
E5671029	Soil	3	<3	<2	<1	11	3	24	<0.3	10	4	173	1.83	17	<2	18	<0.5	<3	<3	43	0.22
E5671030	Soil	10	<3	2	<1	7	25	49	<0.3	8	8	928	2.84	37	20	42	<0.5	<3	<3	32	0.72
E5671031	Soil	5	4	<2	<1	19	12	50	<0.3	18	9	532	3.15	23	3	25	<0.5	<3	<3	74	0.34
E5671032	Soil	3	<3	<2	<1	13	8	62	<0.3	18	9	437	3.40	14	3	23	<0.5	<3	<3	93	0.31
E5671033	Soil	6	3	2	1	13	10	48	<0.3	13	10	761	2.34	8	<2	29	<0.5	<3	<3	60	0.39
E5671034	Soil	3	<3	<2	<1	11	6	48	<0.3	14	7	355	2.54	11	3	25	<0.5	<3	<3	73	0.35
E5671035	Soil	3	<3	<2	<1	4	<3	7	<0.3	3	2	95	0.51	4	<2	13	<0.5	<3	<3	12	0.19
E5671036	Soil	4	<3	<2	<1	10	4	50	<0.3	11	5	253	2.32	14	<2	16	<0.5	<3	<3	60	0.19

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670457	Soil	0.053	16	25	0.69	268	0.119	<20	2.28	0.01	0.09	<2	<0.05	<1	<5	<5	5
E5670458	Soil	0.065	14	21	0.52	291	0.083	<20	1.55	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670459	Soil	0.031	13	24	0.61	195	0.125	<20	2.11	0.01	0.15	<2	<0.05	<1	<5	<5	<5
E5671010	Soil	0.032	4	10	0.11	139	0.052	<20	0.72	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5671011	Soil	0.064	24	33	0.66	208	0.112	<20	2.15	0.01	0.09	<2	<0.05	<1	<5	<5	7
E5671012	Soil	0.068	18	26	0.64	330	0.109	<20	1.96	0.02	0.11	<2	<0.05	<1	<5	<5	5
E5671013	Soil	0.111	19	18	0.27	372	0.038	<20	1.30	0.02	0.06	<2	0.14	<1	<5	<5	<5
E5671014	Soil	0.028	13	33	0.47	189	0.101	<20	2.34	0.01	0.05	<2	<0.05	<1	<5	7	<5
E5671015	Soil	0.061	11	29	0.69	171	0.140	<20	2.06	0.02	0.12	<2	<0.05	<1	<5	7	<5
E5671016	Soil	0.052	10	24	0.51	176	0.109	<20	2.06	0.02	0.08	<2	<0.05	<1	<5	5	<5
E5671017	Soil	0.041	8	23	0.43	91	0.106	<20	1.63	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5671018	Soil	0.047	8	30	0.70	180	0.139	<20	2.19	0.01	0.07	<2	<0.05	<1	<5	7	<5
E5671019	Soil	0.060	11	32	0.64	123	0.135	<20	1.96	0.02	0.09	<2	<0.05	<1	<5	5	<5
E5671020	Soil	0.070	17	37	0.73	222	0.157	<20	2.11	0.03	0.11	<2	<0.05	<1	<5	5	8
E5671021	Soil	0.077	17	29	0.44	325	0.069	<20	2.40	0.02	0.07	<2	0.05	<1	<5	7	6
E5671022	Soil	0.071	15	35	0.80	213	0.139	<20	2.41	0.03	0.10	<2	<0.05	<1	<5	7	6
E5671023	Soil	0.064	15	33	0.75	188	0.162	<20	2.24	0.02	0.11	<2	<0.05	<1	<5	8	6
E5671024	Soil	0.056	15	34	0.74	201	0.147	<20	2.32	0.02	0.07	<2	<0.05	<1	<5	<5	6
E5671025	Soil	0.055	14	34	0.66	188	0.126	<20	2.35	0.02	0.07	<2	<0.05	<1	<5	6	5
E5671026	Soil	0.056	18	28	0.63	212	0.110	<20	1.95	0.02	0.08	<2	<0.05	<1	<5	5	5
E5671027	Soil	0.061	14	27	0.60	172	0.116	<20	1.91	0.02	0.10	<2	<0.05	<1	<5	6	<5
E5671028	Soil	0.061	15	25	0.56	191	0.106	<20	1.82	0.02	0.11	<2	<0.05	<1	<5	7	<5
E5671029	Soil	0.026	6	16	0.27	113	0.070	<20	1.28	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5671030	Soil	0.098	52	9	0.70	515	0.013	<20	1.83	0.01	0.33	<2	<0.05	<1	<5	5	5
E5671031	Soil	0.049	17	27	0.62	265	0.097	<20	2.21	0.02	0.13	<2	<0.05	<1	<5	7	<5
E5671032	Soil	0.023	8	29	0.71	193	0.149	<20	2.39	0.01	0.09	<2	<0.05	<1	<5	8	<5
E5671033	Soil	0.076	12	21	0.50	204	0.088	<20	1.54	0.02	0.09	<2	0.05	<1	<5	<5	<5
E5671034	Soil	0.022	8	22	0.60	173	0.147	<20	1.73	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5671035	Soil	0.046	4	8	0.15	56	0.040	<20	0.39	0.03	0.03	<2	<0.05	<1	<5	<5	<5
E5671036	Soil	0.026	6	21	0.45	113	0.120	<20	1.53	0.02	0.08	<2	<0.05	<1	<5	6	<5

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5671037	Soil	11	<3	<2	<1	17	7	60	<0.3	13	9	621	2.95	84	3	39	<0.5	<3	<3	66	0.47
E5671038	Soil	12	<3	<2	1	20	10	49	<0.3	15	9	466	2.78	76	<2	34	<0.5	<3	<3	63	0.32
E5671039	Soil	9	<3	<2	<1	20	10	50	<0.3	21	10	383	3.73	38	4	18	<0.5	<3	<3	92	0.27
E5671040	Soil	6	<3	<2	<1	18	9	43	<0.3	20	9	312	3.27	20	2	20	<0.5	<3	<3	81	0.28
E5671041	Soil	15	5	<2	<1	20	9	35	<0.3	13	7	346	2.43	16	<2	25	<0.5	<3	<3	59	0.28
E5671042	Soil	9	<3	<2	<1	16	13	40	<0.3	14	7	350	2.78	53	3	22	<0.5	<3	<3	72	0.23
E5671043	Soil	11	<3	2	<1	15	12	30	0.4	9	9	542	2.05	23	<2	20	<0.5	<3	<3	53	0.21
E5671044	Soil	14	4	2	<1	15	10	61	<0.3	15	9	457	3.12	68	2	30	<0.5	<3	<3	71	0.41
E5671045	Soil	9	5	2	1	20	8	35	<0.3	15	12	744	2.33	26	<2	31	<0.5	<3	<3	57	0.34
E5671046	Soil	7	<3	<2	<1	28	8	72	<0.3	61	18	551	4.82	28	3	55	<0.5	<3	<3	94	0.86
E5671047	Soil	4	<3	<2	1	22	11	66	<0.3	26	13	569	3.73	17	6	19	<0.5	<3	<3	88	0.24
E5671048	Soil	9	<3	<2	<1	13	4	30	<0.3	12	7	353	2.19	33	5	18	<0.5	<3	<3	50	0.24
E5671049	Soil	5	<3	<2	<1	12	8	45	<0.3	11	9	424	3.03	41	3	20	<0.5	<3	<3	72	0.24
E5671050	Soil	4	<3	<2	<1	24	5	57	<0.3	25	18	446	3.83	10	<2	49	<0.5	<3	<3	81	0.71
E5671051	Soil	6	<3	<2	<1	29	9	52	<0.3	29	13	546	3.46	20	4	33	<0.5	<3	<3	83	0.39
E5671052	Soil	6	<3	<2	1	25	8	44	<0.3	20	9	538	3.01	23	<2	32	<0.5	<3	<3	72	0.38
E5671053	Soil	5	<3	<2	<1	22	10	54	<0.3	22	11	542	3.06	11	<2	34	<0.5	<3	<3	73	0.47
E5671054	Soil	4	<3	<2	<1	28	<3	58	<0.3	21	9	523	2.70	6	<2	55	<0.5	<3	<3	59	0.72
E5671055	Soil	4	<3	<2	<1	18	6	51	<0.3	17	8	441	2.22	4	<2	36	<0.5	<3	<3	50	0.43
E5671056	Soil	4	<3	<2	1	30	7	47	<0.3	19	10	571	2.84	11	<2	38	<0.5	<3	<3	64	0.47
E5671057	Soil	7	<3	2	3	31	6	39	0.3	16	24	4482	2.65	11	<2	55	0.5	<3	<3	55	0.64
E5671058	Soil	<2	<3	<2	<1	4	<3	14	<0.3	3	3	101	1.00	<2	<2	11	<0.5	<3	<3	24	0.16
E5671059	Soil	5	<3	<2	1	14	9	49	<0.3	17	8	312	3.04	10	2	16	<0.5	<3	<3	84	0.23
E5672410	Soil	7	<3	<2	1	20	6	47	<0.3	17	9	592	2.45	12	<2	44	<0.5	<3	<3	56	0.54
E5672411	Soil	6	<3	<2	<1	10	4	75	<0.3	9	8	609	3.36	74	15	24	<0.5	<3	<3	59	0.46
E5672460	Soil	8	<3	<2	<1	19	7	33	<0.3	13	5	313	1.64	7	<2	52	<0.5	<3	<3	40	0.67
E5672461	Soil	6	<3	<2	<1	20	9	41	<0.3	18	8	321	2.66	11	<2	32	<0.5	<3	<3	64	0.42
E5672462	Soil	10	3	3	<1	16	6	41	<0.3	15	7	353	2.27	8	<2	35	<0.5	<3	<3	61	0.44
E5672463	Soil	7	<3	<2	1	26	5	37	<0.3	17	10	1366	1.85	2	<2	45	<0.5	<3	<3	42	0.54
E5672464	Soil	6	<3	<2	<1	16	7	47	<0.3	18	9	300	2.62	10	<2	32	<0.5	<3	<3	59	0.43

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5671037	Soil	0.058	33	20	0.61	393	0.111	<20	1.98	0.02	0.14	<2	<0.05	<1	<5	6	5
E5671038	Soil	0.068	50	22	0.49	379	0.083	<20	1.79	0.02	0.10	<2	0.06	<1	<5	5	5
E5671039	Soil	0.049	12	32	0.68	165	0.152	<20	2.52	0.01	0.09	<2	<0.05	<1	<5	8	<5
E5671040	Soil	0.042	13	31	0.62	170	0.115	<20	2.41	0.01	0.07	<2	<0.05	<1	<5	7	<5
E5671041	Soil	0.054	17	23	0.40	202	0.071	<20	1.54	0.01	0.07	<2	<0.05	<1	<5	7	<5
E5671042	Soil	0.043	14	21	0.48	192	0.107	<20	1.67	0.02	0.07	<2	<0.05	<1	<5	7	<5
E5671043	Soil	0.082	17	19	0.30	164	0.064	<20	1.08	0.02	0.08	<2	0.06	<1	<5	6	<5
E5671044	Soil	0.075	29	26	0.65	301	0.099	<20	2.02	0.02	0.17	<2	<0.05	<1	<5	5	5
E5671045	Soil	0.064	27	22	0.43	226	0.075	<20	1.89	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5671046	Soil	0.109	18	80	1.82	294	0.215	<20	3.30	0.04	0.13	<2	<0.05	<1	<5	10	10
E5671047	Soil	0.045	11	34	0.73	203	0.160	<20	3.30	0.02	0.19	<2	<0.05	<1	<5	9	5
E5671048	Soil	0.048	17	18	0.40	170	0.092	<20	1.54	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5671049	Soil	0.032	11	20	0.50	132	0.147	<20	1.84	0.01	0.15	<2	<0.05	<1	<5	8	<5
E5671050	Soil	0.111	14	25	1.13	236	0.167	<20	2.67	0.06	0.15	<2	<0.05	<1	<5	6	<5
E5671051	Soil	0.033	13	37	0.83	218	0.152	<20	2.81	0.03	0.07	<2	<0.05	<1	<5	6	7
E5671052	Soil	0.038	16	29	0.57	201	0.105	<20	2.23	0.02	0.06	<2	<0.05	<1	<5	6	<5
E5671053	Soil	0.059	14	31	0.74	210	0.122	<20	2.15	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5671054	Soil	0.080	18	26	0.60	248	0.081	<20	1.89	0.02	0.07	<2	0.07	<1	<5	<5	<5
E5671055	Soil	0.040	11	24	0.49	209	0.102	<20	1.91	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5671056	Soil	0.053	17	25	0.50	225	0.080	<20	2.20	0.02	0.09	<2	<0.05	<1	<5	6	<5
E5671057	Soil	0.125	21	24	0.25	461	0.043	<20	1.47	0.02	0.06	<2	0.15	<1	<5	<5	<5
E5671058	Soil	0.035	3	7	0.17	52	0.043	<20	0.38	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5671059	Soil	0.027	7	28	0.57	124	0.148	<20	2.42	0.01	0.06	<2	<0.05	<1	<5	10	<5
E5672410	Soil	0.059	12	26	0.49	366	0.090	<20	2.00	0.02	0.06	<2	0.06	<1	<5	<5	<5
E5672411	Soil	0.106	26	12	0.73	478	0.140	<20	1.91	0.02	0.41	<2	<0.05	<1	<5	6	6
E5672460	Soil	0.055	14	19	0.33	203	0.057	<20	1.12	0.02	0.06	<2	0.07	<1	<5	<5	<5
E5672461	Soil	0.059	14	31	0.57	207	0.094	<20	2.06	0.02	0.07	<2	<0.05	<1	<5	5	<5
E5672462	Soil	0.044	8	26	0.50	161	0.102	<20	1.48	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5672463	Soil	0.099	11	28	0.45	237	0.057	<20	1.52	0.02	0.05	<2	0.07	<1	<5	6	<5
E5672464	Soil	0.056	8	28	0.64	203	0.103	<20	2.05	0.02	0.07	<2	<0.05	<1	<5	6	<5

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672465	Soil	10	4	3	<1	10	6	51	<0.3	15	8	422	2.74	11	3	28	<0.5	<3	<3	68	0.38
E5672466	Soil	5	<3	<2	<1	14	8	51	<0.3	19	8	379	3.52	10	<2	24	<0.5	<3	<3	89	0.36
E5672467	Soil	6	<3	<2	<1	20	9	52	<0.3	18	9	377	2.79	6	3	31	<0.5	<3	<3	66	0.46
E5672468	Soil	3	<3	<2	<1	13	5	14	<0.3	5	2	67	1.25	2	<2	10	<0.5	<3	<3	39	0.09
E5672469	Soil	5	<3	2	<1	17	8	50	<0.3	19	8	465	2.84	12	3	30	<0.5	<3	<3	70	0.49
E5672470	Soil	3	<3	<2	<1	3	<3	9	<0.3	2	2	47	0.77	<2	<2	8	<0.5	<3	<3	18	0.10
E5672471	Soil	6	<3	<2	<1	16	6	38	<0.3	15	7	353	2.69	5	<2	26	<0.5	<3	<3	62	0.35
E5672472	Soil	3	<3	<2	<1	19	8	60	<0.3	26	12	522	3.83	8	4	31	<0.5	<3	<3	89	0.45
581904	Soil	14	3	3	1	29	3	8	<0.3	7	4	1558	2.28	63	<2	69	0.7	<3	<3	29	0.90
E5672474	Soil	3	<3	<2	<1	7	3	20	<0.3	6	6	425	1.33	19	<2	22	<0.5	<3	<3	30	0.23
E5672475	Soil	16	6	3	1	27	7	40	<0.3	10	6	2834	1.23	50	<2	86	0.6	<3	<3	29	1.11
E5672476	Soil	38	<3	<2	<1	17	8	46	<0.3	16	7	525	2.28	63	<2	36	<0.5	<3	<3	57	0.51
E5672477	Soil	6	<3	<2	<1	18	3	30	<0.3	9	3	244	1.29	20	<2	40	0.5	<3	<3	36	0.46
E5672478	Soil	6	<3	<2	<1	24	10	55	<0.3	16	8	491	2.61	65	<2	41	<0.5	<3	<3	61	0.51
E5672479	Soil	8	<3	<2	1	26	11	56	<0.3	16	8	403	2.54	67	<2	40	<0.5	<3	<3	63	0.47
E5672480	Soil	8	<3	<2	<1	20	11	68	<0.3	17	11	809	3.24	69	3	36	<0.5	<3	<3	76	0.51
E5672481	Soil	9	<3	<2	<1	14	7	54	<0.3	13	8	563	2.85	88	3	26	<0.5	<3	<3	63	0.39
E5672482	Soil	9	<3	<2	<1	14	9	51	<0.3	13	8	530	2.77	86	2	27	<0.5	<3	<3	62	0.40
E5672483	Soil	7	<3	<2	<1	14	13	58	<0.3	12	8	629	2.59	80	2	31	<0.5	<3	<3	57	0.48
E5672484	Soil	12	<3	<2	<1	17	12	70	<0.3	15	9	705	2.82	110	2	36	<0.5	<3	<3	61	0.48
E5672485	Soil	16	<3	3	<1	16	13	70	<0.3	15	10	1195	2.59	46	<2	49	<0.5	<3	<3	49	0.66
E5672486	Soil	6	<3	3	<1	9	17	47	<0.3	9	7	731	2.43	6	6	16	<0.5	<3	<3	38	0.25
E5672487	Soil	9	<3	<2	1	25	9	58	<0.3	22	12	848	2.90	36	<2	45	<0.5	<3	<3	69	0.63
E5672488	Soil	5	<3	<2	<1	20	9	56	<0.3	19	8	307	3.06	15	<2	24	<0.5	<3	<3	84	0.29
E5672489	Soil	13	4	3	2	33	7	35	<0.3	16	11	2299	1.89	8	<2	64	<0.5	<3	<3	40	0.79
E5672490	Soil	2	<3	<2	<1	12	3	14	<0.3	4	1	42	0.79	<2	<2	10	<0.5	<3	<3	22	0.08
E5672491	Soil	4	<3	<2	<1	10	6	31	<0.3	9	5	211	1.88	9	<2	14	<0.5	<3	<3	43	0.18
E5672492	Soil	6	<3	<2	<1	19	7	29	<0.3	11	6	291	2.16	14	<2	22	<0.5	<3	<3	44	0.30
E5672493	Soil	8	<3	<2	<1	20	8	54	<0.3	22	9	422	2.87	12	3	30	<0.5	<3	<3	69	0.46
E5672494	Soil	5	<3	2	<1	27	9	50	<0.3	22	9	301	2.75	7	2	27	<0.5	<3	<3	63	0.38

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672465	Soil	0.032	7	24	0.66	128	0.138	<20	1.61	0.02	0.10	<2	<0.05	<1	<5	7	<5
E5672466	Soil	0.035	7	31	0.73	137	0.153	<20	2.22	0.02	0.06	<2	<0.05	<1	<5	9	<5
E5672467	Soil	0.062	16	30	0.70	200	0.130	<20	2.01	0.02	0.10	<2	<0.05	<1	<5	6	5
E5672468	Soil	0.015	4	11	0.11	62	0.074	<20	0.80	0.02	0.04	<2	<0.05	<1	<5	5	<5
E5672469	Soil	0.062	13	28	0.75	171	0.147	<20	1.70	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5672470	Soil	0.028	3	5	0.10	20	0.033	<20	0.53	0.02	0.02	<2	<0.05	<1	<5	<5	<5
E5672471	Soil	0.042	9	24	0.52	145	0.117	<20	1.71	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5672472	Soil	0.051	9	35	0.92	213	0.178	<20	2.43	0.02	0.11	<2	<0.05	<1	<5	9	<5
581904	Soil	0.146	26	12	0.12	342	0.014	<20	1.12	0.01	0.03	<2	0.24	<1	<5	<5	<5
E5672474	Soil	0.035	9	10	0.23	171	0.045	<20	0.83	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5672475	Soil	0.150	19	13	0.17	494	0.016	<20	0.73	0.02	0.05	<2	0.22	<1	<5	<5	<5
E5672476	Soil	0.068	11	24	0.64	329	0.096	<20	1.72	0.02	0.08	<2	0.05	<1	<5	5	<5
E5672477	Soil	0.046	13	13	0.18	252	0.044	<20	0.68	0.02	0.05	<2	0.06	<1	<5	<5	<5
E5672478	Soil	0.073	14	25	0.52	328	0.069	<20	1.54	0.02	0.08	<2	0.06	<1	<5	7	<5
E5672479	Soil	0.091	14	28	0.51	325	0.059	<20	1.72	0.02	0.07	<2	0.07	<1	<5	6	<5
E5672480	Soil	0.081	15	27	0.72	355	0.122	<20	2.10	0.02	0.18	<2	<0.05	<1	<5	6	<5
E5672481	Soil	0.064	15	21	0.59	228	0.101	<20	1.63	0.01	0.19	<2	<0.05	<1	<5	6	<5
E5672482	Soil	0.063	15	21	0.58	229	0.097	<20	1.62	0.01	0.17	<2	<0.05	<1	<5	7	<5
E5672483	Soil	0.068	18	17	0.60	231	0.105	<20	1.52	0.01	0.22	<2	<0.05	<1	<5	<5	<5
E5672484	Soil	0.071	19	24	0.60	265	0.085	<20	1.75	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
E5672485	Soil	0.098	25	22	0.51	415	0.051	<20	1.71	0.01	0.16	<2	0.07	<1	<5	<5	<5
E5672486	Soil	0.066	23	13	0.39	314	0.027	<20	1.47	<0.01	0.17	<2	<0.05	<1	<5	<5	<5
E5672487	Soil	0.075	17	34	0.72	329	0.100	<20	2.00	0.02	0.09	<2	0.06	<1	<5	<5	<5
E5672488	Soil	0.032	8	30	0.62	162	0.146	<20	2.04	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5672489	Soil	0.133	27	21	0.29	439	0.030	<20	1.37	0.02	0.05	<2	0.14	<1	<5	<5	<5
E5672490	Soil	0.022	2	7	0.07	52	0.035	<20	0.42	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5672491	Soil	0.044	5	15	0.31	83	0.074	<20	1.25	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5672492	Soil	0.060	14	17	0.29	144	0.060	<20	1.30	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5672493	Soil	0.076	14	32	0.71	207	0.142	<20	1.89	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5672494	Soil	0.062	17	33	0.66	229	0.122	<20	2.17	0.02	0.08	<2	<0.05	<1	<5	<5	6

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672495	Soil	3	<3	<2	<1	20	9	50	<0.3	20	15	848	3.02	5	4	25	<0.5	<3	<3	65	0.32
E5672496	Soil	6	<3	3	<1	21	9	40	<0.3	16	7	693	2.25	8	<2	56	<0.5	<3	<3	60	0.69
E5672497	Soil	3	<3	<2	<1	12	7	34	<0.3	12	4	165	1.99	7	<2	22	<0.5	<3	<3	59	0.27
E5672498	Soil	6	<3	2	2	23	8	31	<0.3	13	15	2033	2.39	7	<2	41	<0.5	<3	<3	55	0.54
E5672499	Soil	6	<3	3	<1	16	6	30	<0.3	11	7	755	1.68	3	<2	39	<0.5	<3	<3	39	0.51
E5672500	Soil	8	<3	4	1	43	4	18	0.4	15	11	1036	1.06	2	<2	51	<0.5	<3	<3	25	0.59
E5672501	Soil	5	<3	<2	<1	16	9	51	<0.3	18	7	281	2.89	7	<2	27	<0.5	<3	<3	75	0.34
E5672502	Soil	5	<3	<2	<1	16	9	55	<0.3	17	9	409	2.76	7	<2	27	<0.5	<3	<3	63	0.36
E5672503	Soil	4	<3	<2	<1	13	7	51	<0.3	15	7	293	2.30	5	<2	30	<0.5	<3	<3	52	0.42
E5672504	Soil	19	<3	<2	<1	18	9	60	<0.3	17	8	262	2.86	157	3	25	<0.5	<3	<3	62	0.39
E5672505	Soil	6	3	<2	<1	10	5	26	<0.3	5	2	206	1.12	7	<2	10	<0.5	<3	<3	34	0.09
E5672506	Soil	4	<3	2	<1	17	8	51	<0.3	18	7	248	2.81	14	<2	16	<0.5	<3	<3	67	0.24
E5672507	Soil	7	<3	<2	<1	14	5	37	<0.3	7	3	158	1.41	3	<2	16	<0.5	<3	<3	38	0.16
E5672508	Soil	10	<3	<2	<1	16	7	29	<0.3	11	5	160	1.71	17	<2	20	<0.5	<3	<3	42	0.24
E5672509	Soil	26	<3	<2	<1	22	15	58	<0.3	21	10	575	3.13	157	3	24	<0.5	<3	<3	74	0.38
E5672510	Soil	12	<3	<2	<1	18	13	60	<0.3	18	9	449	2.86	151	<2	18	<0.5	<3	<3	61	0.23
E5672511	Soil	3	<3	<2	<1	9	4	20	<0.3	5	3	127	1.21	14	<2	10	<0.5	<3	<3	28	0.12
E5672512	Soil	8	<3	<2	<1	25	14	49	<0.3	18	9	930	2.64	174	<2	43	<0.5	<3	<3	59	0.59
E5672513	Soil	12	<3	7	<1	25	13	47	<0.3	17	9	895	2.58	168	<2	41	<0.5	<3	<3	58	0.54
E5672514	Soil	6	<3	3	<1	24	9	56	<0.3	17	6	725	2.09	24	<2	80	<0.5	<3	<3	41	1.08
E5672515	Soil	3	<3	<2	<1	9	8	35	<0.3	7	3	142	1.96	5	<2	9	<0.5	<3	<3	64	0.08
E5672516	Soil	6	<3	<2	<1	16	10	59	<0.3	17	8	380	2.48	17	<2	31	<0.5	<3	<3	57	0.43
E5672517	Soil	18	<3	6	<1	26	4	38	<0.3	11	9	1079	1.39	3	<2	69	<0.5	<3	<3	24	0.97
E5672518	Soil	12	<3	3	1	30	5	42	<0.3	13	7	1278	1.67	14	<2	103	<0.5	<3	<3	38	1.66
E5672519	Soil	11	<3	2	<1	31	9	68	<0.3	25	12	616	3.81	16	5	37	<0.5	<3	<3	96	0.55
E5672520	Soil	12	<3	<2	<1	23	9	59	<0.3	19	9	608	2.98	25	3	45	<0.5	<3	<3	76	0.69
E5672521	Soil	11	<3	<2	<1	24	12	63	<0.3	27	12	486	3.86	48	5	25	<0.5	<3	<3	95	0.35
E5672522	Soil	13	<3	3	<1	33	11	64	<0.3	27	13	449	3.43	23	5	38	<0.5	<3	<3	90	0.55
E5672523	Soil	11	<3	2	<1	32	10	55	<0.3	26	12	711	3.03	25	<2	52	<0.5	<3	<3	73	0.61
E5672524	Soil	18	<3	2	1	34	16	63	<0.3	25	12	548	3.91	177	3	35	<0.5	<3	<3	99	0.45

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672495	Soil		0.041	13	34	0.65	204	0.128	<20	2.49	0.02	0.07	<2	<0.05	<1	<5	<5	6
E5672496	Soil		0.107	16	25	0.46	218	0.071	<20	1.67	0.02	0.08	<2	0.09	<1	<5	<5	<5
E5672497	Soil		0.024	5	19	0.34	93	0.099	<20	1.04	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5672498	Soil		0.098	16	24	0.34	211	0.053	<20	1.42	0.02	0.06	<2	0.08	<1	<5	<5	<5
E5672499	Soil		0.085	9	20	0.33	184	0.048	<20	1.10	0.02	0.05	<2	0.08	<1	<5	<5	<5
E5672500	Soil		0.122	15	16	0.13	210	0.009	<20	0.65	0.02	0.04	<2	0.12	<1	<5	<5	<5
E5672501	Soil		0.028	7	29	0.66	151	0.128	<20	1.90	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5672502	Soil		0.066	9	27	0.61	175	0.098	<20	1.86	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5672503	Soil		0.066	10	22	0.61	160	0.103	<20	1.58	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5672504	Soil		0.062	16	27	0.70	219	0.127	<20	1.84	0.02	0.11	<2	<0.05	<1	<5	<5	5
E5672505	Soil		0.027	3	10	0.10	64	0.055	<20	0.46	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5672506	Soil		0.042	6	26	0.51	110	0.121	<20	2.00	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5672507	Soil		0.044	4	12	0.14	80	0.041	<20	0.89	0.02	0.03	<2	0.06	<1	<5	<5	<5
E5672508	Soil		0.059	13	17	0.31	189	0.059	<20	1.29	0.01	0.05	<2	0.06	<1	<5	<5	<5
E5672509	Soil		0.059	15	29	0.73	203	0.124	<20	2.04	0.01	0.11	<2	<0.05	<1	<5	<5	5
E5672510	Soil		0.056	8	22	0.51	167	0.088	<20	2.02	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5672511	Soil		0.038	5	9	0.16	47	0.046	<20	0.81	0.02	0.03	<2	<0.05	<1	<5	<5	<5
E5672512	Soil		0.079	16	25	0.47	238	0.073	<20	2.00	0.01	0.08	<2	0.08	<1	<5	<5	<5
E5672513	Soil		0.073	16	25	0.44	225	0.071	<20	1.92	0.01	0.07	<2	0.08	<1	<5	<5	<5
E5672514	Soil		0.099	18	27	0.43	353	0.057	<20	1.85	0.02	0.07	<2	0.11	<1	<5	<5	<5
E5672515	Soil		0.024	4	14	0.19	51	0.101	<20	0.75	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5672516	Soil		0.057	10	26	0.55	327	0.062	<20	1.84	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5672517	Soil		0.122	14	13	0.23	455	0.021	<20	0.99	0.02	0.03	<2	0.15	<1	<5	<5	<5
E5672518	Soil		0.117	26	17	0.33	510	0.030	<20	1.26	0.02	0.04	<2	0.14	<1	<5	<5	<5
E5672519	Soil		0.059	24	33	0.89	382	0.181	<20	2.55	0.02	0.11	<2	<0.05	<1	<5	<5	7
E5672520	Soil		0.061	16	29	0.63	239	0.141	<20	1.77	0.03	0.11	<2	<0.05	<1	<5	<5	<5
E5672521	Soil		0.051	13	34	0.74	222	0.157	<20	2.74	0.02	0.09	<2	<0.05	<1	<5	<5	5
E5672522	Soil		0.083	20	36	0.79	260	0.166	<20	2.24	0.03	0.13	<2	<0.05	<1	<5	<5	7
E5672523	Soil		0.091	24	36	0.70	321	0.100	<20	2.29	0.03	0.08	<2	0.08	<1	<5	<5	5
E5672524	Soil		0.053	13	35	0.76	355	0.127	<20	2.84	0.02	0.07	<2	<0.05	<1	<5	<5	6

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Project: 2K
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CERTIFICATE OF ANALYSIS WHI17000231.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672525	Soil	17	<3	<2	<1	30	12	62	<0.3	24	9	464	3.24	29	6	34	<0.5	<3	<3	79	0.50
E5672526	Soil	14	<3	2	<1	23	11	53	<0.3	23	11	479	3.00	23	3	28	<0.5	<3	<3	73	0.40
E5672527	Soil	4	<3	<2	<1	9	6	28	<0.3	7	5	417	1.71	7	<2	15	<0.5	<3	<3	46	0.15
E5672528	Soil	5	<3	<2	1	19	9	61	<0.3	16	8	791	2.99	42	<2	28	<0.5	<3	<3	75	0.32
E5672529	Soil	5	<3	<2	<1	14	4	37	<0.3	7	4	185	1.51	5	<2	14	<0.5	<3	<3	34	0.15
E5672530	Soil	4	<3	<2	<1	6	4	23	<0.3	4	3	155	1.22	7	<2	10	<0.5	<3	<3	30	0.11
E5672531	Soil	10	<3	<2	<1	7	8	16	<0.3	4	2	66	1.01	11	<2	12	<0.5	<3	<3	29	0.10
E5672532	Soil	15	<3	<2	1	26	15	49	<0.3	17	8	359	3.13	342	<2	24	<0.5	<3	<3	82	0.29
E5672533	Soil	10	<3	3	4	16	10	24	0.3	9	65	7357	19.72	230	<2	73	0.7	<3	<3	157	0.89
E5672534	Soil	9	<3	3	<1	23	5	28	<0.3	13	6	595	1.66	6	<2	57	<0.5	<3	<3	39	0.68
E5672535	Soil	54	<3	4	<1	18	5	34	<0.3	13	6	330	1.95	6	<2	42	<0.5	<3	<3	50	0.55
E5672536	Soil	22	<3	4	<1	18	8	45	<0.3	13	9	604	2.34	10	<2	34	<0.5	<3	<3	60	0.43
E5672537	Soil	9	<3	<2	<1	14	8	46	<0.3	12	9	551	2.53	14	<2	28	<0.5	<3	<3	62	0.39
E5672538	Soil	I.S.	I.S.	I.S.	1	30	5	55	<0.3	16	7	1273	1.59	14	<2	110	0.5	<3	<3	34	1.63
E5672539	Soil	15	<3	3	1	28	11	51	<0.3	19	18	1245	3.82	28	<2	36	<0.5	<3	<3	89	0.49
E5672540	Soil	11	<3	3	<1	23	11	52	<0.3	20	8	420	2.96	79	<2	30	<0.5	<3	<3	74	0.36
E5672541	Soil	17	<3	3	<1	15	9	59	<0.3	15	9	507	2.53	84	<2	25	<0.5	<3	<3	61	0.35
E5672542	Soil	11	<3	<2	<1	19	9	56	<0.3	23	12	690	3.07	62	4	27	<0.5	<3	<3	76	0.47
E5672543	Soil	13	<3	2	<1	19	9	56	<0.3	22	12	690	3.09	61	4	27	<0.5	<3	<3	75	0.47
E5672544	Soil	11	<3	<2	<1	18	7	49	<0.3	15	8	546	2.56	35	<2	35	<0.5	<3	<3	55	0.46
E5672545	Soil	12	<3	4	1	24	14	41	<0.3	15	5	199	3.06	44	<2	21	<0.5	<3	<3	78	0.22
E5672546	Soil	6	<3	<2	<1	15	11	53	<0.3	13	9	581	2.23	27	<2	24	<0.5	<3	<3	57	0.27
E5672547	Soil	7	<3	2	<1	15	12	61	<0.3	20	9	358	2.97	21	4	33	<0.5	<3	<3	76	0.54
E5672548	Soil	7	<3	<2	<1	14	11	63	<0.3	18	13	777	3.29	32	4	31	<0.5	<3	<3	86	0.49
E5672549	Soil	6	<3	<2	1	25	6	67	<0.3	18	10	596	3.34	32	7	31	<0.5	<3	<3	85	0.60
E5672550	Soil	6	5	<2	<1	25	8	46	<0.3	18	5	162	1.62	4	<2	30	<0.5	<3	<3	42	0.37
E5672551	Soil	10	4	4	1	21	6	75	<0.3	17	10	576	2.82	14	2	36	<0.5	<3	<3	74	0.55
E5672553	Soil	3	<3	<2	2	20	8	40	<0.3	12	6	327	2.33	28	<2	14	<0.5	<3	<3	57	0.17
E5672554	Soil	67	<3	<2	<1	23	11	57	<0.3	23	11	384	2.98	27	<2	24	<0.5	<3	<3	80	0.38
E5672555	Soil	36	<3	<2	<1	16	15	55	<0.3	18	8	411	2.84	129	<2	32	<0.5	<3	<3	72	0.48

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672525	Soil		0.038	21	36	0.72	228	0.155	<20	2.11	0.03	0.09	<2	<0.05	<1	<5	<5	8
E5672526	Soil		0.073	15	35	0.70	290	0.100	<20	2.44	0.01	0.06	<2	<0.05	<1	<5	<5	5
E5672527	Soil		0.034	4	14	0.23	94	0.081	<20	0.82	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5672528	Soil		0.061	14	25	0.46	188	0.098	<20	1.79	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5672529	Soil		0.052	6	12	0.18	56	0.037	<20	1.11	0.03	0.04	<2	0.07	<1	<5	<5	<5
E5672530	Soil		0.025	4	7	0.16	58	0.056	<20	0.54	0.03	0.03	<2	<0.05	<1	<5	<5	<5
E5672531	Soil		0.020	4	9	0.10	68	0.049	<20	0.57	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5672532	Soil		0.048	12	26	0.48	163	0.105	<20	1.79	<0.01	0.07	<2	<0.05	<1	<5	5	<5
E5672533	Soil		0.110	40	15	0.12	481	0.017	<20	0.87	<0.01	0.03	<2	0.16	<1	9	15	<5
E5672534	Soil		0.075	31	16	0.26	277	0.052	<20	1.21	0.02	0.04	<2	0.10	<1	<5	<5	<5
E5672535	Soil		0.053	22	18	0.37	226	0.081	<20	1.32	0.02	0.05	<2	0.06	<1	<5	<5	<5
E5672536	Soil		0.082	17	25	0.38	215	0.075	<20	1.59	0.02	0.06	<2	0.08	<1	<5	<5	<5
E5672537	Soil		0.050	11	20	0.49	189	0.112	<20	1.50	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5672538	Soil		0.124	33	16	0.34	351	0.038	<20	1.35	0.02	0.07	<2	0.19	<1	<5	<5	<5
E5672539	Soil		0.112	28	35	0.61	231	0.095	<20	2.47	0.01	0.07	<2	0.08	<1	<5	<5	8
E5672540	Soil		0.047	13	26	0.49	213	0.105	<20	2.04	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5672541	Soil		0.051	7	20	0.43	121	0.107	<20	1.40	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5672542	Soil		0.066	12	28	0.65	164	0.146	<20	1.86	0.03	0.10	<2	<0.05	<1	<5	<5	<5
E5672543	Soil		0.065	14	28	0.66	162	0.150	<20	1.88	0.03	0.10	<2	<0.05	<1	<5	<5	<5
E5672544	Soil		0.064	11	21	0.45	208	0.081	<20	1.76	0.02	0.06	<2	0.05	<1	<5	<5	<5
E5672545	Soil		0.047	7	26	0.31	116	0.097	<20	1.84	0.01	0.04	<2	<0.05	<1	<5	<5	<5
E5672546	Soil		0.058	13	20	0.34	198	0.075	<20	1.52	0.02	0.05	<2	0.05	<1	<5	<5	<5
E5672547	Soil		0.080	13	31	0.74	231	0.153	<20	2.13	0.02	0.11	<2	<0.05	<1	<5	<5	<5
E5672548	Soil		0.067	12	28	0.71	214	0.150	<20	2.00	0.02	0.13	<2	<0.05	<1	<5	<5	<5
E5672549	Soil		0.119	22	27	0.75	254	0.178	<20	1.77	0.03	0.33	<2	<0.05	<1	<5	<5	7
E5672550	Soil		0.072	8	33	0.51	228	0.103	<20	1.95	0.02	0.07	<2	0.08	<1	<5	<5	<5
E5672551	Soil		0.071	13	25	0.65	306	0.142	<20	1.77	0.02	0.18	<2	0.06	<1	<5	<5	5
E5672553	Soil		0.042	6	20	0.31	94	0.086	<20	1.54	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5672554	Soil		0.062	11	30	0.66	166	0.133	<20	2.07	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5672555	Soil		0.047	10	25	0.59	152	0.129	<20	1.61	0.02	0.10	<2	<0.05	<1	<5	<5	<5

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672556	Soil	13	5	4	<1	21	7	58	<0.3	19	9	389	2.71	150	3	31	<0.5	<3	<3	67	0.39
E5672557	Soil	281	<3	<2	<1	20	9	64	<0.3	21	13	600	3.17	80	6	28	0.5	<3	<3	79	0.45
E5672558	Soil	7	<3	<2	<1	18	4	59	0.3	22	10	439	3.59	44	2	17	<0.5	<3	<3	89	0.25
E5672559	Soil	5	<3	<2	1	7	<3	20	<0.3	5	2	68	1.04	6	<2	10	<0.5	<3	<3	41	0.08
E5670355	Soil	7	<3	2	<1	15	<3	60	0.3	12	12	1289	2.76	56	2	42	0.6	<3	<3	58	0.62
E5670368	Soil	4	<3	<2	<1	20	5	51	<0.3	17	9	447	2.66	12	3	27	<0.5	<3	<3	63	0.39
1173058	Soil	4	<3	<2	1	17	<3	34	<0.3	10	5	275	2.05	23	<2	13	<0.5	<3	<3	53	0.15
E5670376	Soil	18	<3	<2	<1	24	8	56	<0.3	24	10	422	3.10	14	5	35	<0.5	<3	<3	74	0.53
E5672473	Soil	24	<3	<2	<1	26	6	56	<0.3	21	14	334	2.70	40	4	29	<0.5	<3	<3	74	0.46

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Project: 2K
Report Date: July 28, 2017

CERTIFICATE OF ANALYSIS WHI17000231.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672556	Soil		0.058	17	27	0.52	221	0.102	<20	1.89	0.03	0.06	<2	0.05	<1	<5	<5	<5
E5672557	Soil		0.069	13	33	0.72	216	0.150	<20	2.32	0.02	0.11	<2	<0.05	<1	<5	6	6
E5672558	Soil		0.041	9	31	0.63	107	0.148	<20	2.37	0.01	0.06	<2	<0.05	<1	<5	8	<5
E5672559	Soil		0.024	4	10	0.10	54	0.064	<20	0.50	0.02	0.04	<2	<0.05	<1	<5	<5	<5
E5670355	Soil		0.095	25	18	0.55	315	0.086	<20	1.59	0.02	0.16	<2	0.06	<1	<5	<5	<5
E5670368	Soil		0.077	18	27	0.58	245	0.106	<20	1.90	0.02	0.11	<2	<0.05	<1	<5	5	5
1173058	Soil		0.034	5	17	0.25	73	0.079	<20	1.23	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5670376	Soil		0.071	17	34	0.75	195	0.151	<20	2.27	0.02	0.09	<2	<0.05	<1	<5	<5	6
E5672473	Soil		0.063	19	33	0.74	274	0.126	<20	2.26	0.02	0.07	<2	<0.05	<1	<5	6	6

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Project: 2K
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QUALITY CONTROL REPORT WHI17000231.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																					
E5670442	Soil	5	<3	<2	<1	21	10	52	<0.3	21	8	344	3.34	18	3	23	<0.5	<3	<3	87	0.33
REP E5670442	QC				<1	21	10	52	<0.3	21	8	335	3.25	17	3	23	<0.5	<3	<3	86	0.32
E5670444	Soil	9	<3	<2	<1	19	11	59	<0.3	23	10	355	3.39	21	4	23	<0.5	<3	<3	84	0.32
REP E5670444	QC	12	4	7																	
E5671028	Soil	9	<3	<2	<1	20	7	40	<0.3	17	8	398	2.61	27	2	26	<0.5	<3	<3	61	0.38
REP E5671028	QC				<1	19	7	39	<0.3	17	8	399	2.56	26	3	26	<0.5	<3	<3	59	0.38
E5671029	Soil	3	<3	<2	<1	11	3	24	<0.3	10	4	173	1.83	17	<2	18	<0.5	<3	<3	43	0.22
REP E5671029	QC	15	<3	4																	
E5672462	Soil	10	3	3	<1	16	6	41	<0.3	15	7	353	2.27	8	<2	35	<0.5	<3	<3	61	0.44
REP E5672462	QC	5	<3	3	<1	15	6	41	<0.3	16	7	356	2.33	8	<2	35	<0.5	<3	<3	61	0.44
E5672497	Soil	3	<3	<2	<1	12	7	34	<0.3	12	4	165	1.99	7	<2	22	<0.5	<3	<3	59	0.27
REP E5672497	QC	2	<3	<2																	
E5672498	Soil	6	<3	2	2	23	8	31	<0.3	13	15	2033	2.39	7	<2	41	<0.5	<3	<3	55	0.54
REP E5672498	QC				2	23	8	30	<0.3	13	14	1954	2.30	7	<2	40	<0.5	<3	<3	54	0.52
E5672532	Soil	15	<3	<2	1	26	15	49	<0.3	17	8	359	3.13	342	<2	24	<0.5	<3	<3	82	0.29
REP E5672532	QC	13	<3	2																	
E5672534	Soil	9	<3	3	<1	23	5	28	<0.3	13	6	595	1.66	6	<2	57	<0.5	<3	<3	39	0.68
REP E5672534	QC				<1	23	5	27	<0.3	13	6	595	1.67	5	<2	57	<0.5	<3	<3	39	0.69
E5672556	Soil	13	5	4	<1	21	7	58	<0.3	19	9	389	2.71	150	3	31	<0.5	<3	<3	67	0.39
REP E5672556	QC	13	<3	2																	
Reference Materials																					
STD CDN-PGMS-19	Standard	242	109	491																	
STD CDN-PGMS-23	Standard	464	474	2147																	
STD CDN-PGMS-19	Standard	209	111	482																	
STD CDN-PGMS-23	Standard	483	461	2121																	
STD CDN-PGMS-19	Standard	218	111	500																	
STD CDN-PGMS-23	Standard	509	503	2216																	
STD CDN-PGMS-19	Standard	210	105	480																	

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Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000231.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																	
E5670442	Soil	0.044	10	29	0.64	155	0.154	<20	2.20	0.01	0.07	<2	<0.05	<1	<5	<5	<5
REP E5670442	QC	0.042	10	29	0.63	153	0.152	<20	2.15	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670444	Soil	0.047	9	32	0.72	157	0.142	<20	2.46	0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP E5670444	QC																
E5671028	Soil	0.061	15	25	0.56	191	0.106	<20	1.82	0.02	0.11	<2	<0.05	<1	<5	7	<5
REP E5671028	QC	0.059	15	25	0.55	188	0.105	<20	1.79	0.02	0.11	<2	<0.05	<1	<5	5	<5
E5671029	Soil	0.026	6	16	0.27	113	0.070	<20	1.28	0.02	0.05	<2	<0.05	<1	<5	<5	<5
REP E5671029	QC																
E5672462	Soil	0.044	8	26	0.50	161	0.102	<20	1.48	0.02	0.08	<2	<0.05	<1	<5	6	<5
REP E5672462	QC	0.044	8	26	0.50	168	0.103	<20	1.49	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5672497	Soil	0.024	5	19	0.34	93	0.099	<20	1.04	0.02	0.06	<2	<0.05	<1	<5	<5	<5
REP E5672497	QC																
E5672498	Soil	0.098	16	24	0.34	211	0.053	<20	1.42	0.02	0.06	<2	0.08	<1	<5	<5	<5
REP E5672498	QC	0.095	15	24	0.33	202	0.053	<20	1.38	0.02	0.06	<2	0.08	<1	<5	<5	<5
E5672532	Soil	0.048	12	26	0.48	163	0.105	<20	1.79	<0.01	0.07	<2	<0.05	<1	<5	5	<5
REP E5672532	QC																
E5672534	Soil	0.075	31	16	0.26	277	0.052	<20	1.21	0.02	0.04	<2	0.10	<1	<5	<5	<5
REP E5672534	QC	0.075	31	17	0.26	277	0.052	<20	1.21	0.02	0.04	<2	0.10	<1	<5	<5	<5
E5672556	Soil	0.058	17	27	0.52	221	0.102	<20	1.89	0.03	0.06	<2	0.05	<1	<5	<5	<5
REP E5672556	QC																
Reference Materials																	
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																

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QUALITY CONTROL REPORT WHI17000231.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD CDN-PGMS-19	Standard	225	108	500																	
STD CDN-PGMS-23	Standard	496	478	2165																	
STD CDN-PGMS-19	Standard	214	103	486																	
STD CDN-PGMS-23	Standard	500	485	2086																	
STD DS10	Standard				14	152	152	370	1.7	74	12	912	2.83	47	7	67	2.4	8	11	43	1.08
STD DS10	Standard				13	148	151	364	1.7	72	12	876	2.75	45	7	65	2.4	6	12	43	1.08
STD DS10	Standard				15	159	155	392	2.0	78	13	933	2.95	46	7	71	2.4	8	11	45	1.12
STD DS10	Standard				14	152	155	378	1.9	76	13	944	2.80	47	8	67	2.5	9	13	45	1.10
STD DS10	Standard				14	145	142	367	1.7	74	12	902	2.73	46	7	64	2.4	8	11	44	1.05
STD DS10	Standard				15	154	147	383	1.8	80	13	958	2.87	49	8	69	2.7	8	13	46	1.12
STD OREAS45EA	Standard				2	693	20	28	<0.3	377	52	406	21.82	5	7	4	<0.5	<3	<3	304	0.04
STD OREAS45EA	Standard				2	716	22	30	<0.3	390	54	420	22.92	6	8	4	<0.5	<3	<3	314	0.04
STD OREAS45EA	Standard				1	752	22	31	<0.3	420	56	435	24.82	7	8	4	<0.5	<3	<3	328	0.04
STD OREAS45EA	Standard				2	735	18	26	<0.3	400	52	437	23.19	9	10	3	<0.5	<3	<3	319	0.03
STD OREAS45EA	Standard				2	699	14	25	0.4	375	48	418	23.07	7	9	3	<0.5	<3	<3	301	0.03
STD OREAS45EA	Standard				1	728	14	31	0.4	398	50	428	23.51	8	9	4	1.3	<3	<3	314	0.03
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-19 Expected		230	108	476																	
STD CDN-PGMS-23 Expected		496	456	2032																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	

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QUALITY CONTROL REPORT WHI17000231.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD DS10	Standard	0.077	16	54	0.78	436	0.080	<20	1.06	0.07	0.35	4	0.29	<1	6	<5	<5
STD DS10	Standard	0.076	16	53	0.77	419	0.077	<20	1.02	0.07	0.34	3	0.28	<1	7	<5	<5
STD DS10	Standard	0.079	18	57	0.82	452	0.086	<20	1.14	0.08	0.37	3	0.30	<1	6	<5	<5
STD DS10	Standard	0.077	17	56	0.80	432	0.079	<20	1.07	0.07	0.35	4	0.30	<1	<5	<5	<5
STD DS10	Standard	0.073	17	55	0.76	426	0.076	<20	1.02	0.06	0.33	4	0.29	<1	<5	<5	<5
STD DS10	Standard	0.078	18	57	0.81	444	0.081	<20	1.09	0.07	0.35	3	0.30	<1	<5	<5	<5
STD OREAS45EA	Standard	0.029	7	869	0.09	146	0.100	<20	3.22	0.02	0.05	<2	<0.05	<1	<5	18	84
STD OREAS45EA	Standard	0.031	8	897	0.10	152	0.103	<20	3.34	0.02	0.06	<2	<0.05	<1	<5	7	87
STD OREAS45EA	Standard	0.032	8	952	0.10	156	0.108	<20	3.69	0.02	0.06	<2	<0.05	<1	<5	10	91
STD OREAS45EA	Standard	0.032	8	914	0.10	151	0.101	<20	3.35	0.02	0.06	<2	<0.05	<1	<5	16	88
STD OREAS45EA	Standard	0.030	8	875	0.09	148	0.098	<20	3.20	0.02	0.05	<2	<0.05	<1	<5	17	84
STD OREAS45EA	Standard	0.031	8	893	0.10	145	0.101	<20	3.49	0.03	0.06	<2	<0.05	<1	<5	15	88
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																	
STD CDN-PGMS-23 Expected																	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
BLK	Blank																
BLK	Blank																

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000231.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	4	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	3	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: July 28, 2017

QUALITY CONTROL REPORT WHI17000231.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank																
BLK	Blank																
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BLK	Blank																
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 03, 2017
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI17000272.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	320	Save all or part of Soil Reject			WHI
FA330	320	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	320	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	320	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

JEFFREY CANNON
Geochemistry Department Supervisor

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581127	Soil	2	<3	<2	1	20	8	52	<0.3	15	9	285	3.67	11	14	15	<0.5	<3	<3	69	0.17
581128	Soil	<2	<3	<2	1	16	9	49	<0.3	11	7	238	3.47	10	13	12	<0.5	<3	<3	70	0.12
581129	Soil	4	<3	<2	1	24	7	62	<0.3	24	12	442	3.90	8	18	27	<0.5	<3	<3	80	0.25
581130	Soil	4	<3	<2	1	29	7	55	<0.3	31	15	400	3.89	10	6	32	<0.5	<3	<3	84	0.30
581131	Soil	3	<3	2	2	12	14	51	<0.3	13	10	383	3.52	12	14	16	<0.5	<3	<3	58	0.19
581132	Soil	4	<3	<2	1	14	12	39	<0.3	21	8	281	2.94	25	7	14	<0.5	<3	<3	73	0.14
581133	Soil	13	<3	<2	1	30	69	107	1.5	16	18	786	5.06	525	11	19	<0.5	<3	3	102	0.31
581134	Soil	3	<3	<2	1	26	20	112	0.3	14	21	890	5.79	221	7	15	<0.5	<3	<3	147	0.22
581135	Soil	3	<3	<2	<1	30	14	92	<0.3	14	24	949	5.53	48	16	13	<0.5	<3	<3	112	0.19
581136	Soil	6	<3	<2	<1	27	8	72	<0.3	18	16	645	3.87	40	10	28	<0.5	<3	<3	99	0.49
581137	Soil	5	<3	<2	<1	20	15	62	<0.3	14	13	488	3.17	128	4	19	<0.5	<3	<3	78	0.27
581138	Soil	6	<3	<2	<1	26	10	75	<0.3	21	18	705	4.41	138	7	25	<0.5	<3	<3	106	0.38
581139	Soil	8	<3	<2	2	21	14	56	<0.3	16	11	401	4.59	278	6	20	<0.5	<3	<3	101	0.23
581140	Soil	7	<3	<2	<1	29	18	79	<0.3	21	18	832	4.54	133	10	24	<0.5	<3	<3	104	0.39
581141	Soil	7	<3	<2	<1	27	9	67	<0.3	21	17	639	3.99	46	12	23	<0.5	<3	<3	92	0.36
581142	Soil	13	<3	<2	<1	27	20	61	<0.3	19	10	508	3.53	79	11	33	<0.5	<3	<3	64	0.44
581143	Soil	13	<3	<2	<1	26	22	60	<0.3	21	10	445	3.39	63	9	33	<0.5	<3	<3	68	0.42
581144	Soil	12	<3	<2	<1	30	39	105	<0.3	21	11	384	3.42	76	6	24	<0.5	<3	<3	82	0.31
581145	Soil	19	<3	<2	<1	29	8	65	<0.3	19	14	579	3.70	62	10	28	<0.5	<3	<3	88	0.45
581146	Soil	7	<3	<2	<1	31	12	63	<0.3	18	13	538	3.58	51	7	30	<0.5	<3	<3	88	0.47
581147	Soil	16	<3	<2	<1	16	5	37	<0.3	11	8	325	2.21	39	<2	16	<0.5	<3	<3	54	0.21
581148	Soil	7	<3	<2	<1	25	3	53	<0.3	23	13	459	3.33	21	7	25	<0.5	<3	<3	83	0.38
581149	Soil	12	<3	<2	<1	22	14	55	<0.3	19	11	449	3.54	25	7	23	<0.5	<3	<3	85	0.33
581150	Soil	8	<3	<2	<1	16	7	63	<0.3	13	9	332	3.13	19	<2	20	<0.5	<3	<3	81	0.27
22769	Soil	5	<3	<2	<1	19	6	55	0.3	14	13	535	3.50	33	3	22	<0.5	<3	<3	92	0.32
22770	Soil	28	<3	<2	<1	24	12	75	<0.3	16	12	512	3.28	110	3	29	<0.5	<3	<3	82	0.47
22771	Soil	26	<3	<2	<1	31	13	69	<0.3	21	12	459	3.53	57	3	34	<0.5	<3	<3	83	0.56
581879	Soil	16	<3	<2	2	14	7	40	<0.3	12	5	184	1.76	8	<2	44	<0.5	<3	<3	37	0.57
581880	Soil	5	<3	<2	7	16	8	48	<0.3	14	10	896	2.39	14	<2	32	<0.5	<3	<3	61	0.44
581881	Soil	7	<3	3	9	14	8	46	<0.3	14	10	579	2.69	16	2	27	<0.5	<3	<3	72	0.42

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581127	Soil		0.046	27	21	0.38	156	0.033	<20	2.03	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
581128	Soil		0.040	27	18	0.29	109	0.031	<20	1.72	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
581129	Soil		0.020	41	36	0.67	234	0.117	<20	2.75	0.01	0.18	<2	<0.05	<1	<5	<5	8
581130	Soil		0.019	15	53	0.74	241	0.116	<20	3.07	0.02	0.10	<2	<0.05	<1	<5	<5	7
581131	Soil		0.041	25	23	0.44	117	0.037	<20	1.91	<0.01	0.16	<2	<0.05	<1	<5	<5	<5
581132	Soil		0.020	18	38	0.53	107	0.086	<20	1.89	<0.01	0.11	<2	<0.05	<1	<5	<5	<5
581133	Soil		0.081	18	22	1.30	187	0.168	<20	3.10	<0.01	0.49	<2	<0.05	<1	<5	<5	8
581134	Soil		0.056	9	23	1.56	196	0.258	<20	3.03	<0.01	0.65	<2	<0.05	<1	<5	8	7
581135	Soil		0.063	21	24	1.12	148	0.101	<20	3.08	<0.01	0.62	<2	<0.05	<1	<5	<5	9
581136	Soil		0.082	22	27	1.25	187	0.217	<20	2.40	0.02	0.47	<2	<0.05	<1	<5	<5	6
581137	Soil		0.051	9	21	0.80	121	0.160	<20	2.10	0.02	0.27	<2	<0.05	<1	<5	<5	<5
581138	Soil		0.078	14	31	1.16	243	0.178	<20	2.90	0.01	0.48	<2	<0.05	<1	<5	<5	6
581139	Soil		0.047	11	33	0.59	143	0.097	<20	2.75	0.01	0.09	<2	<0.05	<1	<5	6	<5
581140	Soil		0.085	15	30	1.10	187	0.177	<20	3.05	0.01	0.33	<2	<0.05	<1	<5	<5	5
581141	Soil		0.072	18	29	1.06	203	0.165	<20	2.62	0.02	0.38	<2	<0.05	<1	<5	<5	6
581142	Soil		0.055	23	26	0.54	280	0.054	<20	1.76	0.02	0.11	<2	<0.05	<1	<5	<5	9
581143	Soil		0.043	19	30	0.61	265	0.078	<20	1.87	0.02	0.09	<2	<0.05	<1	<5	<5	8
581144	Soil		0.051	16	30	0.78	156	0.127	<20	2.27	0.01	0.14	<2	<0.05	<1	<5	<5	6
581145	Soil		0.065	23	31	1.04	189	0.171	<20	2.34	0.02	0.32	<2	<0.05	<1	<5	<5	6
581146	Soil		0.072	22	28	1.07	188	0.183	<20	2.30	0.02	0.36	<2	<0.05	<1	<5	<5	6
581147	Soil		0.050	13	16	0.57	99	0.098	<20	1.40	0.02	0.17	<2	<0.05	<1	<5	<5	<5
581148	Soil		0.057	17	30	0.89	179	0.166	<20	2.41	0.02	0.23	<2	<0.05	<1	<5	<5	5
581149	Soil		0.051	15	31	0.85	147	0.174	<20	2.61	0.01	0.19	<2	<0.05	<1	<5	<5	<5
581150	Soil		0.039	6	22	0.77	174	0.177	<20	2.22	0.02	0.18	<2	<0.05	<1	<5	5	<5
22769	Soil		0.040	8	23	0.89	179	0.204	<20	2.42	0.01	0.33	<2	<0.05	<1	<5	<5	<5
22770	Soil		0.065	13	26	0.98	214	0.184	<20	2.02	0.02	0.40	<2	<0.05	<1	<5	<5	6
22771	Soil		0.053	12	32	0.92	253	0.173	<20	2.27	0.03	0.25	<2	<0.05	<1	<5	<5	7
581879	Soil		0.057	13	22	0.38	144	0.066	<20	1.34	0.02	0.05	<2	0.08	<1	<5	<5	<5
581880	Soil		0.058	12	25	0.48	145	0.087	<20	1.52	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581881	Soil		0.059	12	25	0.52	118	0.098	<20	1.63	0.02	0.06	<2	<0.05	<1	<5	<5	<5

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581882	Soil	6	<3	<2	3	14	7	51	<0.3	15	8	284	2.56	11	3	26	<0.5	<3	<3	64	0.39
581883	Soil	11	<3	<2	2	15	4	30	0.3	10	6	295	1.63	4	<2	33	<0.5	<3	<3	28	0.37
581884	Soil	10	<3	<2	2	12	7	43	<0.3	14	8	435	2.35	7	<2	23	<0.5	<3	<3	56	0.29
581885	Soil	9	<3	<2	<1	19	10	55	<0.3	18	9	303	2.82	28	4	31	<0.5	<3	<3	69	0.41
581886	Soil	6	<3	<2	1	17	7	49	<0.3	14	8	407	2.41	12	<2	25	<0.5	<3	<3	63	0.29
581887	Soil	6	<3	<2	<1	14	6	49	<0.3	15	9	361	2.52	15	2	24	<0.5	<3	<3	61	0.33
581888	Soil	6	<3	<2	<1	20	5	37	<0.3	13	7	288	2.22	11	<2	26	<0.5	<3	<3	51	0.31
581889	Soil	5	<3	<2	<1	14	4	34	<0.3	13	6	157	2.07	10	<2	21	<0.5	<3	<3	52	0.27
581890	Soil	6	<3	<2	<1	20	5	51	<0.3	19	10	279	2.90	10	3	29	<0.5	<3	<3	70	0.42
581891	Soil	5	<3	<2	<1	20	4	48	<0.3	18	10	269	2.76	9	3	24	<0.5	<3	<3	69	0.36
581892	Soil	3	<3	<2	<1	21	3	55	<0.3	17	13	443	3.28	7	4	25	<0.5	<3	<3	86	0.39
581893	Soil	4	<3	<2	<1	23	6	55	<0.3	20	13	396	3.34	8	4	26	<0.5	<3	<3	78	0.39
581894	Soil	5	<3	<2	<1	27	10	50	<0.3	20	12	411	3.00	12	4	32	<0.5	<3	<3	71	0.46
581895	Soil	3	<3	<2	<1	26	6	60	<0.3	28	15	449	3.42	16	4	29	<0.5	<3	<3	90	0.55
581896	Soil	7	<3	<2	<1	30	9	57	<0.3	18	12	434	3.43	30	4	32	<0.5	<3	<3	84	0.56
581897	Soil	5	<3	<2	<1	29	12	57	<0.3	24	12	366	3.42	13	4	34	<0.5	<3	<3	81	0.59
581898	Soil	5	<3	<2	<1	28	7	56	<0.3	23	12	368	3.42	13	5	34	<0.5	<3	<3	80	0.59
581899	Soil	5	<3	<2	<1	25	7	60	<0.3	17	14	397	3.50	39	4	27	<0.5	<3	<3	84	0.46
581900	Soil	4	<3	<2	<1	24	4	47	<0.3	29	13	231	3.29	10	3	35	<0.5	<3	<3	80	0.49
90031	Soil	12	<3	<2	<1	9	<3	11	<0.3	3	2	70	0.99	3	<2	13	<0.5	<3	<3	23	0.18
90032	Soil	8	<3	<2	<1	29	6	54	<0.3	19	14	389	3.31	13	4	33	<0.5	<3	<3	83	0.51
90033	Soil	17	<3	<2	<1	26	108	195	0.7	15	11	492	3.36	154	6	26	0.6	<3	<3	77	0.49
90034	Soil	5	<3	<2	<1	19	6	42	<0.3	15	9	229	2.63	40	<2	21	<0.5	<3	<3	64	0.29
90114	Soil	9	<3	<2	<1	26	82	105	0.3	24	11	391	3.20	73	6	30	0.8	<3	<3	71	0.34
90115	Soil	9	<3	<2	<1	26	79	106	0.3	24	10	393	3.14	70	6	32	0.8	<3	<3	70	0.36
90116	Soil	10	<3	2	<1	25	17	41	0.9	20	9	308	3.07	102	7	34	<0.5	<3	<3	72	0.40
90117	Soil	3	<3	<2	<1	24	5	43	<0.3	30	14	315	3.46	24	4	19	<0.5	<3	<3	90	0.23
90118	Soil	4	<3	<2	<1	26	5	39	<0.3	20	10	280	2.68	14	6	28	<0.5	<3	<3	67	0.37
90119	Soil	4	<3	<2	<1	23	6	45	<0.3	21	14	330	3.36	19	4	24	<0.5	<3	<3	103	0.33
90120	Soil	3	<3	<2	<1	26	11	67	<0.3	16	18	627	4.12	24	6	18	<0.5	<3	<3	110	0.28

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581882	Soil		0.053	12	25	0.61	123	0.113	<20	1.78	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581883	Soil		0.109	12	17	0.28	134	0.034	<20	1.05	0.02	0.05	<2	0.10	<1	<5	<5	<5
581884	Soil		0.054	9	25	0.50	124	0.087	<20	1.59	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581885	Soil		0.055	15	28	0.63	187	0.115	<20	1.99	0.02	0.08	<2	<0.05	<1	<5	<5	5
581886	Soil		0.049	12	24	0.50	157	0.089	<20	1.54	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581887	Soil		0.055	10	24	0.59	132	0.104	<20	1.72	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581888	Soil		0.060	12	21	0.43	143	0.068	<20	1.42	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581889	Soil		0.048	9	23	0.49	120	0.084	<20	1.52	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581890	Soil		0.062	10	30	0.80	185	0.140	<20	2.12	0.02	0.11	<2	<0.05	<1	<5	<5	5
581891	Soil		0.046	9	29	0.74	165	0.134	<20	2.10	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581892	Soil		0.040	13	26	1.04	234	0.187	<20	2.23	0.01	0.25	<2	<0.05	<1	<5	<5	<5
581893	Soil		0.035	9	30	0.92	181	0.178	<20	2.61	0.01	0.18	<2	<0.05	<1	<5	<5	5
581894	Soil		0.043	15	32	0.83	236	0.149	<20	2.21	0.02	0.12	<2	<0.05	<1	<5	<5	7
581895	Soil		0.057	11	73	1.38	277	0.157	<20	2.74	0.01	0.23	<2	<0.05	<1	<5	<5	9
581896	Soil		0.055	14	31	1.01	220	0.190	<20	2.36	0.02	0.33	<2	<0.05	<1	<5	<5	7
581897	Soil		0.045	13	37	0.94	251	0.177	<20	2.53	0.02	0.16	<2	<0.05	<1	<5	<5	8
581898	Soil		0.045	12	35	0.93	263	0.171	<20	2.54	0.02	0.17	<2	<0.05	<1	<5	<5	8
581899	Soil		0.062	13	30	1.03	204	0.182	<20	2.64	0.02	0.28	<2	<0.05	<1	<5	<5	6
581900	Soil		0.053	11	46	1.10	188	0.136	<20	2.70	0.01	0.07	<2	<0.05	<1	<5	<5	6
90031	Soil		0.039	6	7	0.11	44	0.043	<20	0.56	0.02	0.03	<2	<0.05	<1	<5	<5	<5
90032	Soil		0.050	13	34	0.91	245	0.194	<20	2.38	0.02	0.25	<2	<0.05	<1	<5	<5	6
90033	Soil		0.058	16	28	0.93	230	0.175	<20	2.21	0.02	0.38	<2	<0.05	<1	<5	<5	7
90034	Soil		0.045	10	25	0.59	142	0.127	<20	2.01	0.01	0.08	<2	<0.05	<1	<5	<5	<5
90114	Soil		0.028	23	36	0.63	210	0.116	<20	2.19	0.01	0.07	<2	<0.05	<1	<5	<5	7
90115	Soil		0.031	24	36	0.63	218	0.119	<20	2.15	0.02	0.07	<2	<0.05	<1	<5	<5	7
90116	Soil		0.035	26	33	0.56	384	0.112	<20	2.21	0.01	0.07	<2	<0.05	<1	<5	<5	7
90117	Soil		0.013	11	51	1.11	145	0.161	<20	2.78	<0.01	0.07	<2	<0.05	<1	<5	<5	6
90118	Soil		0.021	16	35	0.73	151	0.152	<20	1.95	0.01	0.06	<2	<0.05	<1	<5	<5	5
90119	Soil		0.027	13	42	0.99	187	0.186	<20	2.19	<0.01	0.22	<2	<0.05	<1	<5	<5	6
90120	Soil		0.052	10	30	1.45	172	0.234	<20	3.01	<0.01	0.66	<2	<0.05	<1	<5	<5	5

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34A Laberge Road
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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
90121	Soil	6	<3	<2	<1	25	10	50	<0.3	19	11	358	3.10	37	5	27	<0.5	<3	<3	79	0.40
90122	Soil	4	<3	<2	<1	26	9	53	<0.3	19	14	372	3.28	18	7	27	<0.5	<3	<3	84	0.38
90123	Soil	15	<3	3	<1	26	19	80	<0.3	13	18	886	4.33	178	20	30	<0.5	<3	4	94	0.46
90124	Soil	14	<3	<2	<1	25	9	69	<0.3	18	18	692	3.91	54	8	21	<0.5	<3	<3	97	0.39
90125	Soil	3	<3	<2	<1	14	4	30	<0.3	10	8	297	2.01	3	3	16	<0.5	<3	<3	50	0.22
90126	Soil	4	<3	<2	<1	22	5	45	<0.3	16	13	324	3.30	11	3	26	<0.5	<3	<3	90	0.45
90127	Soil	2	<3	<2	<1	15	4	20	<0.3	9	5	133	1.81	4	2	15	<0.5	<3	<3	44	0.17
90128	Soil	2	<3	<2	<1	25	5	74	<0.3	18	18	751	4.36	5	11	34	<0.5	<3	<3	103	0.63
90129	Soil	3	<3	<2	<1	26	5	63	<0.3	22	16	570	3.88	7	10	32	<0.5	<3	<3	94	0.48
90130	Soil	5	<3	<2	<1	22	6	52	<0.3	24	14	335	3.55	9	6	31	<0.5	<3	<3	87	0.40
90131	Soil	4	<3	<2	<1	32	12	62	<0.3	24	15	518	3.65	10	6	36	<0.5	<3	<3	91	0.57
90132	Soil	7	<3	<2	<1	27	20	59	<0.3	19	12	391	3.17	21	6	29	<0.5	<3	<3	81	0.45
90133	Soil	9	<3	4	<1	24	6	46	<0.3	14	11	434	2.93	57	5	31	<0.5	<3	<3	70	0.46
90134	Soil	10	<3	2	<1	28	7	54	<0.3	20	13	452	3.28	50	6	33	<0.5	<3	<3	80	0.54
90135	Soil	5	<3	<2	<1	20	9	55	<0.3	17	13	455	3.32	17	6	29	<0.5	<3	<3	82	0.48
90136	Soil	4	<3	<2	<1	19	5	44	0.4	12	9	472	2.35	77	3	30	<0.5	<3	<3	55	0.43
90137	Soil	4	<3	<2	<1	23	6	36	0.4	13	7	171	2.25	24	3	21	<0.5	<3	<3	54	0.23
90138	Soil	3	<3	<2	<1	18	5	52	<0.3	16	11	369	3.11	7	5	25	<0.5	<3	<3	79	0.41
22676	Soil	6	<3	2	1	33	9	59	<0.3	24	15	858	3.73	13	4	33	<0.5	<3	<3	91	0.39
22677	Soil	6	<3	<2	<1	22	6	51	0.3	21	11	349	3.51	11	3	25	<0.5	<3	<3	74	0.32
22678	Soil	4	<3	<2	<1	18	6	32	<0.3	12	6	224	2.16	10	<2	18	<0.5	<3	<3	57	0.20
22679	Soil	4	<3	<2	1	19	7	49	<0.3	17	8	273	2.94	15	3	21	<0.5	<3	<3	80	0.24
22680	Soil	8	<3	<2	<1	21	8	54	<0.3	20	10	419	2.89	17	3	25	<0.5	<3	<3	70	0.33
22681	Soil	7	<3	<2	<1	21	8	51	<0.3	20	10	421	2.96	18	3	26	<0.5	<3	<3	71	0.34
90062	Soil	44	<3	<2	<1	30	43	60	0.8	26	10	423	3.34	141	5	31	<0.5	<3	<3	81	0.44
90063	Soil	32	<3	<2	<1	27	8	55	<0.3	27	12	388	3.31	61	5	36	<0.5	<3	<3	85	0.48
90064	Soil	19	<3	<2	<1	26	17	66	<0.3	24	11	286	3.26	179	5	30	<0.5	<3	<3	80	0.45
90065	Soil	148	<3	<2	<1	21	16	63	<0.3	22	10	252	3.01	102	4	24	<0.5	<3	<3	73	0.39
90066	Soil	11	<3	3	2	18	10	14	<0.3	7	3	54	1.48	8	<2	11	<0.5	<3	<3	47	0.08
90067	Soil	7	<3	<2	<1	25	6	51	<0.3	23	10	315	3.33	66	4	27	<0.5	<3	<3	79	0.40

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
90121	Soil		0.044	17	31	0.85	178	0.166	<20	2.18	0.02	0.23	<2	<0.05	<1	<5	<5	6
90122	Soil		0.048	18	29	1.00	172	0.182	<20	2.53	0.01	0.23	<2	<0.05	<1	<5	<5	<5
90123	Soil		0.086	36	22	1.28	291	0.165	<20	2.65	<0.01	0.76	<2	<0.05	<1	<5	<5	9
90124	Soil		0.076	20	27	1.41	202	0.216	<20	2.84	<0.01	0.54	<2	<0.05	<1	<5	<5	5
90125	Soil		0.039	8	18	0.53	94	0.115	<20	1.40	0.01	0.17	<2	<0.05	<1	<5	<5	<5
90126	Soil		0.049	9	25	1.14	371	0.197	<20	2.54	0.01	0.27	<2	<0.05	<1	<5	<5	6
90127	Soil		0.032	8	16	0.29	104	0.085	<20	1.37	0.02	0.05	<2	<0.05	<1	<5	<5	<5
90128	Soil		0.097	31	31	1.65	236	0.200	<20	3.14	<0.01	0.53	<2	<0.05	<1	<5	<5	7
90129	Soil		0.061	23	36	1.25	235	0.171	<20	3.05	<0.01	0.31	<2	<0.05	<1	<5	<5	6
90130	Soil		0.055	13	36	0.89	199	0.160	<20	2.82	0.02	0.09	<2	<0.05	<1	<5	<5	5
90131	Soil		0.073	18	35	1.17	297	0.205	<20	2.61	0.02	0.39	<2	<0.05	<1	<5	<5	7
90132	Soil		0.052	17	31	0.89	208	0.164	<20	2.24	0.02	0.19	<2	<0.05	<1	<5	<5	5
90133	Soil		0.054	19	25	0.76	255	0.137	<20	2.17	0.01	0.28	<2	<0.05	<1	<5	<5	<5
90134	Soil		0.066	16	32	0.97	227	0.177	<20	2.25	0.02	0.27	<2	<0.05	<1	<5	<5	7
90135	Soil		0.062	10	30	0.93	194	0.175	<20	2.52	0.01	0.28	<2	<0.05	<1	<5	<5	<5
90136	Soil		0.046	11	20	0.64	199	0.123	<20	1.79	0.02	0.23	<2	<0.05	<1	<5	<5	<5
90137	Soil		0.021	9	22	0.40	139	0.105	<20	1.88	0.02	0.07	<2	<0.05	<1	<5	<5	<5
90138	Soil		0.053	9	27	0.93	169	0.179	<20	2.31	0.01	0.22	<2	<0.05	<1	<5	<5	<5
22676	Soil		0.056	16	41	0.70	265	0.114	<20	2.90	0.01	0.07	<2	<0.05	<1	<5	<5	6
22677	Soil		0.064	12	34	0.61	239	0.104	<20	2.59	0.02	0.08	<2	<0.05	<1	<5	<5	6
22678	Soil		0.028	9	21	0.36	126	0.091	<20	1.53	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22679	Soil		0.024	9	29	0.59	155	0.133	<20	1.97	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
22680	Soil		0.055	15	31	0.66	208	0.115	<20	2.20	0.01	0.09	<2	<0.05	<1	<5	<5	<5
22681	Soil		0.055	14	31	0.67	187	0.112	<20	2.12	0.02	0.07	<2	<0.05	<1	<5	<5	<5
90062	Soil		0.055	16	45	0.69	194	0.152	<20	2.37	0.02	0.09	<2	<0.05	<1	<5	<5	9
90063	Soil		0.052	14	44	0.74	243	0.157	<20	2.63	0.02	0.08	<2	<0.05	<1	<5	<5	7
90064	Soil		0.069	13	42	0.69	186	0.148	<20	2.58	0.02	0.09	<2	<0.05	<1	<5	<5	7
90065	Soil		0.068	11	36	0.64	136	0.143	<20	2.41	0.01	0.08	<2	<0.05	<1	<5	<5	6
90066	Soil		0.041	6	21	0.07	57	0.062	<20	1.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
90067	Soil		0.055	12	41	0.69	215	0.146	<20	2.61	0.01	0.07	<2	<0.05	<1	<5	<5	6

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CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
90068	Soil	19	<3	<2	<1	20	8	54	<0.3	22	10	235	2.67	61	3	19	<0.5	<3	<3	63	0.32
90069	Soil	69	<3	2	<1	25	13	54	<0.3	20	11	700	3.07	579	3	27	<0.5	<3	<3	65	0.37
22810	Soil	8	<3	<2	<1	14	30	58	0.9	12	7	315	2.53	295	3	35	<0.5	<3	<3	72	0.60
22811	Soil	7	<3	<2	<1	18	86	50	0.9	15	9	504	2.38	300	3	34	<0.5	<3	<3	59	0.44
22812	Soil	4	<3	<2	<1	15	49	39	0.8	12	7	320	2.26	147	<2	35	<0.5	<3	<3	63	0.51
22813	Soil	7	<3	<2	1	17	14	60	<0.3	18	12	510	3.25	97	3	29	<0.5	<3	<3	96	0.44
22814	Soil	3	<3	<2	<1	13	5	15	<0.3	4	3	119	0.83	9	2	13	<0.5	<3	<3	23	0.17
22815	Soil	7	<3	2	<1	25	9	39	<0.3	15	12	625	2.18	45	3	27	<0.5	<3	<3	57	0.36
22816	Soil	5	<3	<2	1	22	10	43	<0.3	16	13	721	2.40	53	3	28	<0.5	<3	<3	62	0.38
22817	Soil	5	<3	<2	<1	13	11	42	<0.3	14	12	674	2.16	51	3	26	<0.5	<3	<3	56	0.34
22729	Soil	25	<3	3	2	25	28	51	0.6	17	25	2429	3.33	226	6	32	<0.5	<3	<3	76	0.41
1549641	Soil	12	<3	<2	<1	14	10	48	0.4	14	15	1913	2.10	31	<2	48	<0.5	<3	3	51	0.67
1549642	Soil	6	<3	<2	<1	17	17	61	0.3	17	9	220	2.70	25	3	28	<0.5	<3	<3	76	0.48
1549643	Soil	8	<3	<2	<1	15	9	52	0.3	16	9	274	2.56	30	<2	28	<0.5	<3	<3	65	0.42
1549644	Soil	5	<3	<2	<1	24	3	45	<0.3	22	11	422	2.65	7	3	38	<0.5	<3	<3	75	0.70
1549645	Soil	6	<3	<2	<1	23	3	44	<0.3	21	11	401	2.40	6	2	38	<0.5	<3	<3	66	0.70
1549646	Soil	9	<3	2	<1	25	3	47	<0.3	24	11	388	2.62	7	2	45	<0.5	<3	<3	71	1.01
1549647	Soil	4	<3	<2	<1	26	3	44	<0.3	22	10	414	2.43	7	3	44	<0.5	<3	<3	66	0.81
1549648	Soil	6	<3	<2	<1	27	6	46	<0.3	22	10	474	2.47	7	3	38	<0.5	<3	<3	63	0.70
1549649	Soil	10	<3	<2	<1	9	13	54	<0.3	7	11	583	2.90	67	12	17	<0.5	<3	<3	68	0.41
1549650	Soil	15	<3	<2	<1	19	6	46	<0.3	20	10	247	2.62	9	2	31	<0.5	<3	<3	71	0.52
619851	Soil	6	<3	3	<1	16	4	44	<0.3	17	11	338	2.47	10	3	30	<0.5	<3	<3	67	0.49
619852	Soil	10	<3	2	<1	12	5	41	<0.3	13	8	230	2.19	12	2	28	<0.5	<3	<3	58	0.44
619853	Soil	9	<3	2	<1	17	6	48	<0.3	15	10	297	2.44	19	3	31	<0.5	<3	<3	62	0.52
22752	Soil	6	<3	2	<1	15	23	36	0.4	10	7	369	1.92	15	<2	30	<0.5	<3	<3	50	0.46
22753	Soil	4	<3	<2	<1	17	29	57	0.4	13	10	391	2.71	25	3	28	<0.5	<3	<3	70	0.48
22754	Soil	9	<3	<2	<1	22	8	55	<0.3	15	10	392	2.57	53	3	43	<0.5	<3	<3	61	0.72
22755	Soil	27	<3	<2	<1	26	45	107	0.8	16	13	429	3.46	48	6	28	<0.5	<3	<3	83	0.45
22756	Soil	6	<3	<2	<1	13	5	25	<0.3	6	4	114	1.74	15	<2	15	<0.5	<3	<3	45	0.18
22757	Soil	91	<3	<2	<1	18	25	83	0.3	12	10	411	3.04	97	5	26	<0.5	<3	<3	71	0.39

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
90068	Soil		0.059	12	33	0.73	117	0.143	<20	2.44	0.01	0.09	<2	<0.05	<1	<5	<5	5
90069	Soil		0.064	18	27	0.57	177	0.098	<20	2.01	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22810	Soil		0.024	8	22	0.49	199	0.136	<20	1.34	0.01	0.11	<2	<0.05	<1	<5	<5	<5
22811	Soil		0.048	17	20	0.58	205	0.100	<20	1.54	0.02	0.13	<2	<0.05	<1	<5	<5	<5
22812	Soil		0.029	9	21	0.49	150	0.104	<20	1.35	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22813	Soil		0.044	9	28	0.80	201	0.164	<20	2.13	0.02	0.12	<2	<0.05	<1	<5	<5	<5
22814	Soil		0.016	6	8	0.13	62	0.063	<20	0.51	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22815	Soil		0.043	13	23	0.46	138	0.100	<20	1.46	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22816	Soil		0.044	12	25	0.52	143	0.110	<20	1.60	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22817	Soil		0.036	8	22	0.52	125	0.122	<20	1.49	0.01	0.11	<2	<0.05	<1	<5	<5	<5
22729	Soil		0.061	33	29	0.51	297	0.082	<20	2.37	0.02	0.06	<2	<0.05	<1	<5	<5	7
1549641	Soil		0.062	13	20	0.50	191	0.078	<20	1.30	0.02	0.10	<2	0.07	<1	<5	<5	<5
1549642	Soil		0.059	9	29	0.72	143	0.127	<20	1.93	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549643	Soil		0.050	9	25	0.67	180	0.109	<20	1.84	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549644	Soil		0.060	9	30	0.67	135	0.128	<20	1.54	0.04	0.09	<2	<0.05	<1	<5	<5	<5
1549645	Soil		0.059	9	27	0.60	135	0.116	<20	1.46	0.04	0.09	<2	<0.05	<1	<5	<5	<5
1549646	Soil		0.067	10	30	0.73	134	0.124	<20	1.52	0.05	0.08	<2	<0.05	<1	<5	<5	<5
1549647	Soil		0.059	9	28	0.63	151	0.120	<20	1.54	0.05	0.07	<2	<0.05	<1	<5	<5	<5
1549648	Soil		0.063	10	28	0.60	163	0.108	<20	1.51	0.04	0.07	<2	<0.05	<1	<5	<5	<5
1549649	Soil		0.084	20	12	0.79	183	0.136	<20	1.29	0.02	0.42	<2	<0.05	<1	<5	<5	<5
1549650	Soil		0.053	8	29	0.62	137	0.123	<20	1.79	0.03	0.06	<2	<0.05	<1	<5	<5	<5
619851	Soil		0.049	8	27	0.59	142	0.116	<20	1.63	0.03	0.05	<2	<0.05	<1	<5	<5	<5
619852	Soil		0.054	8	22	0.56	130	0.117	<20	1.43	0.02	0.09	<2	<0.05	<1	<5	<5	<5
619853	Soil		0.055	10	26	0.66	203	0.126	<20	1.71	0.02	0.09	<2	<0.05	<1	<5	<5	<5
22752	Soil		0.050	8	17	0.42	147	0.090	<20	1.20	0.02	0.08	<2	0.05	<1	<5	<5	<5
22753	Soil		0.040	10	22	0.69	166	0.163	<20	1.78	0.02	0.16	<2	<0.05	<1	<5	<5	<5
22754	Soil		0.047	11	25	0.66	209	0.116	<20	1.80	0.02	0.08	<2	<0.05	<1	<5	<5	5
22755	Soil		0.043	17	27	0.88	214	0.178	<20	2.23	0.02	0.25	<2	<0.05	<1	<5	<5	7
22756	Soil		0.016	4	13	0.23	116	0.064	<20	0.98	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22757	Soil		0.036	17	19	0.70	220	0.136	<20	2.01	0.02	0.20	<2	<0.05	<1	<5	<5	6

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
22758	Soil	3	<3	<2	<1	22	33	70	0.9	19	10	357	3.12	586	4	24	<0.5	<3	<3	68	0.28
22759	Soil	6	<3	2	<1	10	11	35	0.4	7	5	413	1.86	53	<2	19	<0.5	<3	<3	63	0.26
22760	Soil	4	<3	<2	<1	27	7	50	<0.3	19	11	412	2.77	30	4	35	<0.5	<3	<3	67	0.51
22761	Soil	5	<3	<2	<1	19	5	42	<0.3	19	10	315	2.54	13	3	36	<0.5	<3	<3	70	0.66
22762	Soil	4	<3	2	<1	22	6	50	<0.3	20	10	442	2.51	12	3	44	<0.5	<3	<3	64	0.85
22763	Soil	9	<3	<2	<1	19	12	52	<0.3	18	9	238	2.67	96	4	26	<0.5	<3	<3	62	0.39
22764	Soil	14	<3	<2	<1	23	25	62	<0.3	18	12	349	3.03	202	5	31	<0.5	<3	<3	70	0.47
22765	Soil	6	<3	2	<1	27	14	49	<0.3	20	10	336	2.69	99	7	32	<0.5	<3	<3	62	0.44
22766	Soil	6	<3	<2	<1	21	18	48	0.3	15	10	369	2.64	142	5	25	<0.5	<3	<3	57	0.34
22767	Soil	5	<3	<2	<1	27	14	52	<0.3	19	10	300	2.58	79	5	31	<0.5	<3	<3	60	0.46
22768	Soil	6	3	2	<1	17	15	35	<0.3	11	5	151	1.70	82	<2	25	<0.5	<3	<3	34	0.30
22726	Soil	9	<3	2	<1	27	21	66	<0.3	20	10	304	2.79	135	5	35	0.5	<3	<3	66	0.53
22727	Soil	6	<3	<2	<1	22	12	52	<0.3	19	11	374	2.72	73	5	32	<0.5	<3	<3	63	0.47
22728	Soil	9	<3	2	<1	25	52	67	<0.3	20	13	416	3.01	130	6	32	<0.5	<3	<3	71	0.47
22705	Soil	9	<3	3	<1	11	8	39	0.4	12	7	364	2.32	43	2	24	<0.5	<3	<3	60	0.37
22706	Soil	9	<3	2	<1	18	34	54	0.5	18	11	440	3.11	149	7	28	<0.5	<3	<3	77	0.45
22707	Soil	19	<3	3	<1	19	32	61	0.5	19	12	526	3.32	446	9	36	<0.5	<3	<3	78	0.57
22708	Soil	8	<3	3	<1	22	20	52	0.3	17	10	374	2.61	155	5	32	<0.5	<3	<3	62	0.48
22709	Soil	11	<3	<2	1	13	16	42	<0.3	15	9	434	2.70	245	4	18	<0.5	<3	<3	71	0.22
22710	Soil	7	3	2	1	18	20	56	0.4	18	10	357	3.28	282	7	20	<0.5	<3	<3	83	0.27
22711	Soil	9	<3	2	<1	14	20	50	0.3	15	9	290	2.93	404	5	18	<0.5	<3	<3	73	0.24
22712	Soil	7	<3	<2	<1	13	15	27	0.4	8	5	165	1.59	94	2	17	<0.5	<3	<3	37	0.20
581166	Soil	3	<3	<2	<1	13	8	48	<0.3	12	7	296	2.22	4	6	19	<0.5	<3	<3	45	0.22
581167	Soil	6	<3	2	<1	21	6	51	<0.3	21	10	239	3.03	8	5	22	<0.5	<3	<3	67	0.21
581168	Soil	5	<3	2	<1	17	22	111	<0.3	19	11	658	3.13	15	3	23	<0.5	<3	<3	68	0.22
581169	Soil	8	4	2	1	17	22	88	<0.3	33	14	709	2.98	9	7	31	<0.5	<3	<3	61	0.34
581170	Soil	2	<3	<2	<1	11	14	67	<0.3	12	9	401	3.27	6	17	25	<0.5	<3	<3	54	0.28
581171	Soil	5	<3	3	<1	15	11	51	<0.3	13	8	548	2.59	6	8	38	<0.5	<3	<3	52	0.41
581172	Soil	7	<3	<2	1	16	18	52	<0.3	15	8	640	2.43	5	5	41	<0.5	<3	<3	49	0.44
581173	Soil	5	<3	3	<1	36	12	51	<0.3	18	9	718	2.74	6	5	42	<0.5	<3	<3	52	0.41

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Project: PGC-17062-YT
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CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22758	Soil		0.036	12	27	0.60	195	0.083	<20	2.18	0.02	0.09	<2	<0.05	<1	<5	<5	6
22759	Soil		0.024	4	13	0.38	84	0.114	<20	0.92	0.01	0.11	<2	<0.05	<1	<5	<5	<5
22760	Soil		0.047	16	28	0.72	218	0.132	<20	1.94	0.03	0.07	<2	<0.05	<1	<5	<5	6
22761	Soil		0.062	9	29	0.63	129	0.125	<20	1.52	0.04	0.05	<2	<0.05	<1	<5	<5	<5
22762	Soil		0.063	9	27	0.66	150	0.107	<20	1.57	0.04	0.09	<2	<0.05	<1	<5	<5	<5
22763	Soil		0.050	9	29	0.67	131	0.138	<20	2.05	0.01	0.08	<2	<0.05	<1	<5	<5	<5
22764	Soil		0.064	13	29	0.80	211	0.161	<20	2.19	0.02	0.14	<2	<0.05	<1	<5	<5	5
22765	Soil		0.049	17	32	0.63	180	0.134	<20	2.07	0.02	0.08	<2	<0.05	<1	<5	<5	6
22766	Soil		0.051	11	26	0.50	154	0.110	<20	1.95	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22767	Soil		0.058	14	31	0.68	169	0.134	<20	1.98	0.02	0.07	<2	<0.05	<1	<5	<5	5
22768	Soil		0.047	8	20	0.33	103	0.073	<20	1.21	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22726	Soil		0.053	14	30	0.69	153	0.136	<20	1.90	0.02	0.10	<2	<0.05	<1	<5	<5	6
22727	Soil		0.054	15	30	0.67	175	0.128	<20	2.03	0.02	0.07	<2	<0.05	<1	<5	<5	5
22728	Soil		0.058	14	32	0.72	170	0.134	<20	2.04	0.02	0.08	<2	<0.05	<1	<5	<5	6
22705	Soil		0.038	9	22	0.41	120	0.094	<20	1.51	0.01	0.07	<2	<0.05	<1	<5	<5	<5
22706	Soil		0.053	14	31	0.74	161	0.133	<20	2.03	0.02	0.09	<2	<0.05	<1	<5	<5	5
22707	Soil		0.058	18	33	0.78	225	0.132	<20	2.17	0.02	0.13	<2	<0.05	<1	<5	<5	7
22708	Soil		0.059	14	27	0.67	173	0.127	<20	1.81	0.02	0.13	<2	<0.05	<1	<5	<5	<5
22709	Soil		0.032	9	24	0.46	126	0.077	<20	1.68	0.01	0.09	<2	<0.05	<1	<5	<5	<5
22710	Soil		0.038	10	31	0.63	124	0.120	<20	2.25	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
22711	Soil		0.032	7	25	0.60	97	0.126	<20	1.72	0.01	0.07	<2	<0.05	<1	<5	<5	<5
22712	Soil		0.028	7	15	0.25	91	0.063	<20	1.07	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581166	Soil		0.016	18	21	0.79	103	0.119	<20	1.69	0.01	0.20	<2	<0.05	<1	<5	<5	<5
581167	Soil		0.018	10	33	0.64	164	0.098	<20	2.52	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581168	Soil		0.036	8	30	0.50	179	0.067	<20	2.32	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
581169	Soil		0.031	21	59	1.02	221	0.107	<20	2.03	0.01	0.21	<2	<0.05	<1	<5	<5	6
581170	Soil		0.039	43	19	0.68	285	0.072	<20	1.80	<0.01	0.22	<2	<0.05	<1	<5	<5	<5
581171	Soil		0.040	36	21	0.51	475	0.064	<20	1.55	0.02	0.15	<2	<0.05	<1	<5	<5	<5
581172	Soil		0.043	32	22	0.47	506	0.059	<20	1.51	0.02	0.15	<2	<0.05	<1	<5	<5	<5
581173	Soil		0.029	35	23	0.43	572	0.046	<20	1.80	0.02	0.15	<2	<0.05	<1	<5	<5	6

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		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581174	Soil		7	<3	5	1	13	15	52	<0.3	16	7	304	2.60	6	9	36	<0.5	<3	<3	51	0.39
581175	Soil		6	<3	2	1	15	11	58	<0.3	17	11	479	2.93	6	9	37	<0.5	<3	<3	60	0.43
581176	Soil		4	<3	3	1	12	14	53	<0.3	16	9	424	2.77	6	8	42	<0.5	<3	<3	56	0.41
581177	Soil		6	<3	4	<1	20	16	61	<0.3	20	10	413	2.77	13	8	219	<0.5	<3	<3	54	1.05
581178	Soil		7	<3	5	<1	18	13	52	<0.3	15	9	437	2.49	13	6	150	<0.5	<3	<3	45	0.97
581179	Soil		6	<3	4	<1	11	12	57	<0.3	13	8	382	2.49	11	8	80	<0.5	<3	<3	50	0.63
581180	Soil		6	<3	4	<1	14	13	51	<0.3	14	9	726	2.28	13	5	127	<0.5	<3	<3	47	0.81
581335	Soil		5	<3	2	<1	13	18	64	<0.3	13	8	273	2.45	44	<2	32	<0.5	<3	<3	63	0.43
581336	Soil		12	<3	8	<1	13	19	62	<0.3	12	11	559	2.39	39	<2	24	<0.5	<3	<3	59	0.31
581337	Soil		8	<3	<2	<1	12	23	86	<0.3	16	18	1061	3.40	62	2	22	<0.5	<3	<3	92	0.32
581338	Soil		7	<3	4	<1	12	12	57	<0.3	12	7	252	2.15	27	<2	22	<0.5	<3	<3	54	0.27
581339	Soil		10	<3	4	<1	11	12	51	<0.3	11	7	247	2.10	21	<2	21	<0.5	<3	<3	51	0.25
581340	Soil		34	<3	2	<1	12	12	73	<0.3	15	14	694	3.27	34	4	21	<0.5	<3	<3	79	0.33
581341	Soil		6	<3	<2	<1	8	13	53	<0.3	11	9	366	2.14	29	2	18	<0.5	<3	<3	52	0.27
581342	Soil		5	<3	2	<1	9	11	50	<0.3	12	8	279	2.30	21	<2	16	<0.5	<3	<3	61	0.22
581343	Soil		8	<3	2	<1	10	14	51	<0.3	12	10	429	2.29	25	<2	21	<0.5	<3	<3	60	0.28
581344	Soil		7	<3	<2	<1	9	11	46	<0.3	11	7	265	2.02	21	<2	19	<0.5	<3	<3	50	0.27
581345	Soil		4	<3	<2	<1	9	12	48	<0.3	11	8	295	2.12	22	<2	19	<0.5	<3	<3	54	0.27
581346	Soil		8	<3	4	<1	10	9	46	<0.3	10	6	165	2.06	22	<2	17	<0.5	<3	<3	50	0.25
581347	Soil		4	<3	2	<1	11	9	39	<0.3	10	5	161	1.87	15	<2	20	<0.5	<3	<3	38	0.23
581348	Soil		6	<3	4	<1	11	5	29	<0.3	8	4	102	1.48	7	<2	18	<0.5	<3	<3	33	0.20
581349	Soil		3	<3	<2	<1	7	6	35	<0.3	9	4	125	1.78	9	<2	14	<0.5	<3	<3	46	0.19
581350	Soil		5	<3	2	<1	10	6	40	<0.3	10	5	178	1.85	7	<2	18	<0.5	<3	<3	41	0.24
1173401	Soil		14	<3	4	<1	11	6	37	<0.3	9	4	141	1.56	8	<2	19	<0.5	<3	<3	34	0.22
1173402	Soil		6	9	2	<1	10	8	44	<0.3	12	5	150	1.95	11	<2	18	<0.5	<3	<3	45	0.24
1173403	Soil		7	<3	2	<1	9	7	45	<0.3	11	5	164	1.96	14	<2	20	<0.5	<3	<3	44	0.26
1173404	Soil		4	<3	2	<1	8	7	46	<0.3	11	6	189	1.96	14	<2	19	<0.5	<3	<3	46	0.26
1173405	Soil		27	<3	2	<1	9	10	50	<0.3	12	9	333	2.17	31	2	20	<0.5	<3	<3	55	0.27
1173406	Soil		17	<3	2	<1	11	14	52	<0.3	13	7	261	2.40	71	2	19	<0.5	<3	<3	64	0.28
1173407	Soil		16	<3	<2	<1	14	20	66	0.3	14	8	304	2.57	67	3	25	<0.5	<3	<3	67	0.33

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581174	Soil		0.029	31	28	0.68	337	0.100	<20	1.59	0.01	0.17	<2	<0.05	<1	<5	<5	<5
581175	Soil		0.027	27	30	0.76	311	0.120	<20	1.78	0.01	0.18	<2	<0.05	<1	<5	<5	<5
581176	Soil		0.029	24	28	0.74	272	0.126	<20	1.68	0.02	0.20	<2	<0.05	<1	<5	<5	<5
581177	Soil		0.043	25	34	0.90	303	0.110	<20	2.03	0.03	0.23	<2	0.07	<1	<5	<5	7
581178	Soil		0.046	24	25	0.75	283	0.081	<20	1.76	0.02	0.17	<2	0.06	<1	<5	<5	6
581179	Soil		0.038	21	27	0.75	210	0.101	<20	1.60	0.02	0.17	<2	<0.05	<1	<5	<5	<5
581180	Soil		0.040	20	26	0.77	213	0.092	<20	1.49	0.03	0.15	<2	0.06	<1	<5	<5	<5
581335	Soil		0.028	9	21	0.63	155	0.123	<20	1.61	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581336	Soil		0.046	10	21	0.55	124	0.105	<20	1.57	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581337	Soil		0.045	9	26	0.77	135	0.148	<20	1.98	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581338	Soil		0.043	8	19	0.52	112	0.099	<20	1.46	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581339	Soil		0.041	7	19	0.49	100	0.086	<20	1.38	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581340	Soil		0.054	10	24	0.74	131	0.136	<20	1.90	0.02	0.10	<2	<0.05	<1	<5	<5	<5
581341	Soil		0.045	9	17	0.53	98	0.092	<20	1.35	0.01	0.08	<2	<0.05	<1	<5	<5	<5
581342	Soil		0.035	7	20	0.51	91	0.093	<20	1.55	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581343	Soil		0.041	8	20	0.50	107	0.087	<20	1.51	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581344	Soil		0.035	8	18	0.47	95	0.089	<20	1.36	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581345	Soil		0.036	8	18	0.49	100	0.093	<20	1.39	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581346	Soil		0.042	8	17	0.45	87	0.085	<20	1.30	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581347	Soil		0.046	8	17	0.36	102	0.065	<20	1.24	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581348	Soil		0.037	6	16	0.27	86	0.062	<20	0.97	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581349	Soil		0.022	6	17	0.38	61	0.092	<20	1.17	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581350	Soil		0.042	7	17	0.42	85	0.083	<20	1.23	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173401	Soil		0.047	7	16	0.29	95	0.061	<20	1.03	0.01	0.04	<2	<0.05	<1	<5	<5	<5
1173402	Soil		0.039	7	20	0.45	90	0.089	<20	1.40	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173403	Soil		0.041	6	19	0.44	92	0.079	<20	1.38	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173404	Soil		0.041	7	18	0.47	91	0.084	<20	1.35	0.01	0.04	<2	<0.05	<1	<5	<5	<5
1173405	Soil		0.039	8	20	0.52	92	0.100	<20	1.41	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173406	Soil		0.053	8	21	0.53	99	0.093	<20	1.51	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173407	Soil		0.040	7	25	0.57	100	0.103	<20	1.63	0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173408	Soil	21	<3	<2	<1	13	25	76	<0.3	13	8	352	2.70	85	5	18	<0.5	<3	<3	70	0.28
1173409	Soil	19	<3	3	<1	18	75	84	0.7	20	13	588	3.16	125	4	23	<0.5	<3	<3	70	0.29
1173410	Soil	9	<3	2	<1	14	14	56	<0.3	15	7	257	2.46	48	3	23	<0.5	<3	<3	59	0.30
581986	Soil	23	<3	3	<1	28	38	62	0.3	21	10	363	2.83	209	6	36	<0.5	<3	<3	65	0.50
581987	Soil	6	<3	<2	<1	15	16	45	<0.3	13	7	258	2.26	114	2	24	<0.5	<3	<3	57	0.35
581988	Soil	11	<3	2	<1	23	18	57	<0.3	20	10	363	2.87	147	6	33	<0.5	<3	<3	67	0.48
581989	Soil	15	<3	2	<1	23	18	48	<0.3	17	8	264	2.51	159	3	30	<0.5	<3	<3	57	0.39
581990	Soil	8	<3	4	<1	16	16	47	<0.3	14	8	244	2.36	108	3	25	<0.5	<3	<3	53	0.33
581991	Soil	8	<3	<2	<1	20	19	45	<0.3	14	8	263	2.33	107	3	25	<0.5	<3	<3	53	0.33
581992	Soil	6	<3	<2	<1	17	17	55	<0.3	16	9	272	2.72	99	3	27	<0.5	<3	<3	63	0.38
581993	Soil	5	<3	<2	<1	21	13	44	<0.3	14	8	296	2.29	83	3	24	<0.5	<3	<3	52	0.31
581994	Soil	27	<3	2	<1	22	25	57	<0.3	18	9	347	2.72	149	4	33	<0.5	<3	<3	62	0.48
581995	Soil	16	<3	<2	<1	17	22	35	0.3	11	5	146	1.83	112	2	26	<0.5	<3	<3	38	0.30
581996	Soil	13	<3	2	1	23	77	84	0.4	22	24	1549	4.57	1046	10	36	<0.5	<3	<3	106	0.54
581997	Soil	11	<3	<2	<1	16	27	61	<0.3	16	10	510	3.44	391	5	26	<0.5	<3	<3	82	0.42
581998	Soil	11	<3	<2	<1	21	14	32	0.5	10	7	425	1.98	275	4	23	<0.5	<3	<3	50	0.26
581999	Soil	8	<3	<2	<1	17	15	47	<0.3	14	10	481	2.77	383	6	27	<0.5	<3	<3	68	0.44
582000	Soil	13	<3	3	<1	15	27	48	0.3	13	9	540	2.74	644	3	27	<0.5	<3	<3	68	0.39
22703	Soil	16	<3	<2	<1	15	29	56	0.3	14	14	860	3.41	643	6	28	<0.5	<3	<3	78	0.44
22704	Soil	16	<3	6	<1	14	31	55	0.4	13	15	892	3.36	633	7	27	<0.5	<3	<3	77	0.43
90077	Soil	16	<3	2	<1	27	13	60	<0.3	14	7	452	2.36	201	<2	30	<0.5	<3	<3	55	0.32
90078	Soil	7	<3	2	<1	16	14	47	<0.3	20	11	499	3.09	30	2	27	<0.5	<3	<3	80	0.38
90143	Soil	11	<3	<2	<1	16	31	46	<0.3	18	9	376	2.93	46	<2	22	<0.5	<3	<3	74	0.30
90144	Soil	6	<3	2	<1	26	10	53	<0.3	25	9	359	3.13	13	5	29	<0.5	<3	<3	77	0.49
90145	Soil	9	<3	<2	<1	27	6	54	<0.3	26	10	404	3.08	10	2	32	<0.5	<3	<3	74	0.46
90146	Soil	5	<3	<2	1	15	9	52	<0.3	18	8	325	2.82	9	<2	27	<0.5	<3	<3	66	0.40
581842	Soil	9	<3	<2	<1	20	24	65	<0.3	23	13	548	3.55	202	5	25	<0.5	<3	<3	82	0.33
581843	Soil	47	<3	2	<1	17	28	62	<0.3	15	8	263	2.43	243	2	27	<0.5	7	<3	55	0.40
581844	Soil	6	<3	3	<1	28	18	55	<0.3	21	9	292	2.91	175	6	34	<0.5	<3	<3	67	0.52
581845	Soil	8	<3	<2	<1	19	42	70	<0.3	17	9	307	2.74	376	4	28	<0.5	<3	<3	61	0.41

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173408	Soil		0.048	8	21	0.61	111	0.104	<20	1.60	0.01	0.11	<2	<0.05	<1	<5	<5	<5
1173409	Soil		0.046	9	34	0.71	142	0.114	<20	2.19	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173410	Soil		0.043	9	26	0.63	115	0.106	<20	1.80	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581986	Soil		0.062	16	32	0.72	187	0.136	<20	2.03	0.02	0.10	<2	<0.05	<1	<5	<5	6
581987	Soil		0.056	8	22	0.50	99	0.106	<20	1.49	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581988	Soil		0.057	13	31	0.71	161	0.138	<20	2.02	0.02	0.10	<2	<0.05	<1	<5	<5	5
581989	Soil		0.050	14	27	0.58	158	0.110	<20	1.89	0.02	0.07	<2	<0.05	<1	<5	<5	5
581990	Soil		0.044	9	23	0.53	105	0.116	<20	1.69	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581991	Soil		0.049	12	23	0.53	133	0.103	<20	1.64	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581992	Soil		0.054	10	26	0.66	121	0.118	<20	1.97	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581993	Soil		0.044	11	22	0.49	134	0.102	<20	1.72	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581994	Soil		0.060	11	28	0.71	183	0.132	<20	1.85	0.02	0.10	<2	<0.05	<1	<5	<5	5
581995	Soil		0.041	8	18	0.41	128	0.083	<20	1.27	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581996	Soil		0.073	15	33	0.81	218	0.143	<20	2.97	0.01	0.15	<2	<0.05	<1	<5	5	6
581997	Soil		0.061	16	23	0.81	180	0.130	<20	2.05	0.01	0.16	<2	<0.05	<1	<5	<5	5
581998	Soil		0.025	20	16	0.35	167	0.065	<20	1.30	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581999	Soil		0.069	15	21	0.66	153	0.117	<20	1.55	0.02	0.13	<2	<0.05	<1	<5	<5	<5
582000	Soil		0.036	10	21	0.58	140	0.110	<20	1.67	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22703	Soil		0.056	14	23	0.73	170	0.118	<20	2.04	0.02	0.11	<2	<0.05	<1	<5	<5	6
22704	Soil		0.060	14	22	0.70	160	0.115	<20	1.92	0.02	0.12	<2	<0.05	<1	<5	<5	5
90077	Soil		0.051	19	21	0.30	199	0.062	<20	1.67	0.02	0.04	<2	<0.05	<1	<5	<5	<5
90078	Soil		0.057	9	26	0.63	161	0.136	<20	1.84	0.02	0.07	<2	<0.05	<1	<5	<5	<5
90143	Soil		0.031	7	29	0.61	121	0.126	<20	1.78	0.01	0.06	<2	<0.05	<1	<5	<5	<5
90144	Soil		0.061	18	35	0.73	219	0.162	<20	2.23	0.02	0.09	<2	<0.05	<1	<5	<5	7
90145	Soil		0.063	13	31	0.71	245	0.134	<20	2.15	0.02	0.08	<2	<0.05	<1	<5	<5	5
90146	Soil		0.045	8	28	0.66	140	0.134	<20	1.73	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581842	Soil		0.051	11	29	0.79	168	0.140	<20	2.48	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581843	Soil		0.062	9	23	0.63	116	0.115	<20	1.61	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581844	Soil		0.057	16	30	0.72	176	0.136	<20	2.06	0.02	0.07	<2	<0.05	<1	<5	<5	6
581845	Soil		0.060	10	27	0.65	130	0.122	<20	1.94	0.02	0.09	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581846	Soil	7	<3	2	<1	17	67	55	0.3	14	8	297	2.47	170	3	23	<0.5	<3	<3	58	0.33
581847	Soil	17	<3	<2	<1	22	34	63	<0.3	20	11	436	3.06	565	5	23	<0.5	<3	<3	66	0.34
581848	Soil	6	<3	2	<1	20	29	56	<0.3	18	10	329	2.84	182	4	24	<0.5	<3	<3	64	0.33
581849	Soil	6	<3	2	<1	19	27	53	<0.3	17	9	309	2.72	174	3	23	<0.5	<3	<3	64	0.31
581850	Soil	7	<3	<2	2	24	28	65	<0.3	19	11	389	2.92	107	5	29	<0.5	<3	<3	67	0.43
581851	Soil	5	<3	2	<1	32	10	56	<0.3	22	10	444	3.03	141	8	36	<0.5	<3	<3	71	0.57
581862	Soil	5	<3	3	<1	13	10	45	<0.3	14	9	359	2.79	55	3	21	<0.5	<3	<3	73	0.30
581863	Soil	4	<3	<2	<1	12	10	26	<0.3	8	3	115	1.42	27	<2	21	<0.5	<3	<3	33	0.24
581864	Soil	6	<3	4	<1	16	19	52	<0.3	14	10	493	2.87	150	5	28	<0.5	<3	<3	69	0.45
581865	Soil	6	<3	3	<1	23	15	55	<0.3	23	11	453	3.26	88	8	33	<0.5	<3	<3	80	0.51
581867	Soil	8	<3	3	1	23	30	53	0.5	14	8	457	3.21	314	6	34	<0.5	<3	<3	74	0.42
581868	Soil	12	<3	<2	<1	15	30	26	0.8	10	7	557	2.03	313	4	17	<0.5	<3	<3	45	0.18
581869	Soil	11	<3	<2	<1	18	14	53	<0.3	21	11	302	3.39	219	6	20	<0.5	<3	<3	84	0.26
581870	Soil	13	<3	3	<1	24	21	61	<0.3	22	13	570	3.54	301	7	29	<0.5	<3	<3	81	0.39
22721	Soil	7	<3	2	2	19	6	43	<0.3	14	6	170	1.67	14	<2	30	<0.5	<3	<3	46	0.42
22722	Soil	8	<3	<2	3	27	8	67	<0.3	24	12	813	3.07	45	<2	49	<0.5	<3	<3	71	0.69
22723	Soil	7	<3	3	3	24	7	69	<0.3	24	15	834	3.67	39	3	30	<0.5	<3	<3	89	0.43
22724	Soil	3	<3	<2	3	10	7	41	<0.3	9	5	333	2.12	10	<2	25	<0.5	<3	<3	59	0.31
22725	Soil	7	<3	3	4	27	8	70	<0.3	22	10	370	3.55	32	2	14	<0.5	<3	<3	83	0.13
22645	Soil	9	<3	<2	3	19	6	85	<0.3	22	9	425	3.37	56	<2	32	0.9	<3	<3	93	0.38
22646	Soil	2	<3	<2	<1	9	4	46	<0.3	5	4	230	1.48	3	<2	11	<0.5	<3	<3	38	0.09
22647	Soil	13	<3	3	2	14	7	49	<0.3	12	5	234	2.33	32	<2	20	0.6	<3	<3	59	0.24
22648	Soil	9	<3	2	1	16	8	42	<0.3	17	8	310	2.79	34	<2	21	<0.5	<3	<3	75	0.28
22649	Soil	13	<3	2	<1	29	12	62	<0.3	24	11	435	3.51	74	3	31	<0.5	<3	<3	85	0.42
90070	Soil	5	<3	3	<1	25	7	56	<0.3	23	11	607	3.49	37	5	35	<0.5	<3	<3	81	0.51
90071	Soil	22	<3	3	<1	24	7	56	<0.3	23	11	631	3.36	40	4	34	<0.5	<3	<3	79	0.50
90072	Soil	5	<3	2	<1	27	5	56	<0.3	25	11	454	3.40	13	2	24	<0.5	<3	<3	82	0.33
90073	Soil	5	<3	2	<1	29	7	53	<0.3	26	10	337	3.24	14	3	30	<0.5	<3	<3	79	0.43
90074	Soil	25	<3	2	<1	23	30	67	<0.3	24	11	532	3.45	532	<2	27	<0.5	<3	<3	71	0.34
90075	Soil	41	<3	2	<1	17	29	49	<0.3	18	9	417	2.69	349	2	26	<0.5	<3	<3	63	0.41

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581846	Soil		0.042	9	23	0.53	124	0.112	<20	1.76	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581847	Soil		0.057	11	28	0.72	129	0.132	<20	2.43	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581848	Soil		0.042	10	28	0.65	157	0.112	<20	2.23	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581849	Soil		0.039	10	26	0.62	149	0.110	<20	2.01	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581850	Soil		0.059	13	28	0.72	155	0.139	<20	2.08	0.02	0.09	<2	<0.05	<1	<5	<5	5
581851	Soil		0.062	19	30	0.74	170	0.145	<20	1.89	0.03	0.16	<2	<0.05	<1	<5	<5	7
581862	Soil		0.035	8	23	0.57	119	0.119	<20	1.81	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581863	Soil		0.024	8	14	0.28	80	0.072	<20	1.05	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581864	Soil		0.061	14	21	0.69	152	0.113	<20	1.78	0.02	0.15	<2	<0.05	<1	<5	<5	<5
581865	Soil		0.055	19	35	0.81	188	0.145	<20	2.07	0.02	0.11	<2	<0.05	<1	<5	<5	8
581867	Soil		0.036	21	23	0.52	194	0.074	<20	2.15	0.01	0.11	<2	<0.05	<1	<5	<5	6
581868	Soil		0.029	18	16	0.28	114	0.061	<20	1.59	0.02	0.04	<2	<0.05	<1	<5	<5	<5
581869	Soil		0.031	9	31	0.69	118	0.123	<20	2.49	0.01	0.08	<2	<0.05	<1	<5	<5	<5
581870	Soil		0.045	14	30	0.79	180	0.124	<20	2.47	0.01	0.12	<2	<0.05	<1	<5	<5	6
22721	Soil		0.057	10	24	0.52	218	0.094	<20	1.59	0.02	0.08	<2	0.09	<1	<5	<5	<5
22722	Soil		0.075	18	30	0.69	359	0.109	<20	2.12	0.02	0.11	<2	0.06	<1	<5	<5	6
22723	Soil		0.049	12	36	0.81	263	0.148	<20	2.27	0.02	0.13	<2	<0.05	<1	<5	<5	6
22724	Soil		0.031	3	16	0.21	105	0.092	<20	0.83	0.01	0.05	<2	<0.05	<1	<5	<5	<5
22725	Soil		0.040	9	29	0.52	121	0.112	<20	2.48	0.01	0.07	<2	<0.05	<1	<5	<5	<5
22645	Soil		0.045	8	26	0.62	371	0.101	<20	1.90	0.01	0.08	<2	0.05	<1	<5	<5	<5
22646	Soil		0.023	3	11	0.15	71	0.054	<20	0.77	0.02	0.03	<2	<0.05	<1	<5	<5	<5
22647	Soil		0.064	5	18	0.33	98	0.082	<20	1.26	0.01	0.08	<2	0.09	<1	<5	<5	<5
22648	Soil		0.051	8	26	0.52	119	0.128	<20	1.77	0.01	0.08	<2	<0.05	<1	<5	<5	<5
22649	Soil		0.056	15	37	0.74	234	0.154	<20	2.29	0.02	0.11	<2	<0.05	<1	<5	<5	7
90070	Soil		0.074	17	39	0.70	198	0.160	<20	2.20	0.02	0.10	<2	<0.05	<1	<5	<5	8
90071	Soil		0.075	16	37	0.68	190	0.157	<20	2.12	0.02	0.10	<2	<0.05	<1	<5	<5	8
90072	Soil		0.037	9	37	0.74	155	0.154	<20	2.44	0.02	0.10	<2	<0.05	<1	<5	<5	6
90073	Soil		0.071	15	36	0.70	189	0.141	<20	2.38	0.02	0.08	<2	<0.05	<1	<5	<5	6
90074	Soil		0.044	14	30	0.59	150	0.089	<20	2.37	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90075	Soil		0.067	11	28	0.59	121	0.118	<20	1.72	0.02	0.08	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
90076	Soil	52	<3	2	<1	21	12	51	<0.3	20	9	514	2.90	108	2	27	<0.5	<3	<3	71	0.41
22732	Soil	15	<3	<2	<1	14	5	30	<0.3	10	4	136	1.86	22	<2	19	<0.5	<3	<3	43	0.23
22733	Soil	7	<3	3	<1	14	6	30	<0.3	10	4	141	1.87	22	<2	19	<0.5	<3	<3	43	0.22
22734	Soil	7	<3	3	<1	10	5	34	<0.3	11	5	175	1.76	17	<2	23	<0.5	<3	<3	36	0.27
22735	Soil	10	<3	<2	<1	13	8	45	<0.3	14	8	344	2.44	22	<2	19	<0.5	<3	<3	62	0.25
22736	Soil	7	<3	3	<1	13	11	44	<0.3	14	11	608	2.71	40	<2	18	<0.5	<3	<3	73	0.21
22737	Soil	16	<3	2	<1	18	13	46	<0.3	16	10	614	2.51	89	<2	25	<0.5	<3	<3	56	0.31
22738	Soil	7	<3	2	<1	17	10	46	<0.3	16	9	360	2.43	29	<2	24	<0.5	<3	<3	58	0.30
22739	Soil	10	<3	4	<1	14	8	43	<0.3	14	9	509	2.21	30	<2	32	<0.5	<3	<3	52	0.40
22740	Soil	28	<3	<2	<1	10	7	48	<0.3	14	10	418	2.69	20	2	22	<0.5	<3	<3	73	0.30
22741	Soil	9	<3	3	<1	7	3	35	<0.3	10	5	148	1.73	11	<2	19	<0.5	<3	<3	39	0.26
22742	Soil	10	<3	<2	<1	8	3	31	<0.3	10	4	140	1.65	14	<2	20	<0.5	<3	<3	37	0.25
22743	Soil	6	<3	<2	<1	11	6	38	<0.3	11	6	243	2.21	28	<2	17	<0.5	<3	<3	49	0.23
22744	Soil	10	<3	4	<1	9	5	29	<0.3	8	3	115	1.50	20	<2	18	<0.5	<3	<3	31	0.21
22745	Soil	8	5	<2	<1	10	4	30	<0.3	8	4	132	1.55	16	<2	17	<0.5	<3	<3	37	0.22
90001	Soil	4	<3	<2	<1	19	7	55	<0.3	19	9	342	2.84	22	3	35	<0.5	<3	<3	70	0.54
90002	Soil	3	<3	<2	<1	18	6	53	<0.3	18	9	347	2.81	21	3	35	<0.5	<3	<3	69	0.55
90003	Soil	3	<3	<2	<1	16	5	47	<0.3	15	7	246	2.54	10	3	29	<0.5	<3	<3	61	0.43
90004	Soil	5	<3	2	<1	17	7	46	0.4	15	7	274	2.62	11	<2	20	<0.5	<3	<3	69	0.25
90005	Soil	8	<3	<2	1	17	7	48	0.3	16	12	669	3.07	9	3	22	<0.5	<3	<3	82	0.31
90006	Soil	5	<3	<2	<1	18	6	54	<0.3	15	10	562	2.86	14	4	19	<0.5	<3	<3	73	0.28
90007	Soil	5	<3	<2	<1	19	6	53	<0.3	15	11	719	3.29	24	5	24	<0.5	<3	<3	84	0.30
90008	Soil	3	<3	<2	<1	17	6	60	<0.3	13	12	781	3.11	7	5	27	<0.5	<3	<3	80	0.40
90009	Soil	6	<3	<2	1	14	8	54	<0.3	15	10	437	2.89	16	5	20	<0.5	<3	<3	82	0.24
90010	Soil	4	<3	<2	<1	13	8	51	<0.3	13	8	316	2.71	61	4	20	<0.5	<3	<3	68	0.28
90011	Soil	15	<3	2	<1	9	8	39	0.3	10	4	153	1.83	44	3	18	<0.5	<3	<3	44	0.26
90012	Soil	6	<3	<2	<1	15	7	50	0.3	14	10	649	2.29	54	3	23	<0.5	<3	<3	57	0.33
90061	Soil	3	<3	<2	<1	7	3	20	<0.3	5	4	369	1.68	6	<2	11	<0.5	<3	<3	53	0.11
1173986	Soil	19	<3	<2	<1	14	9	60	<0.3	19	13	536	3.68	96	3	23	<0.5	<3	<3	91	0.34
1173987	Soil	6	<3	<2	<1	20	13	56	0.4	19	11	391	2.75	99	8	27	<0.5	<3	<3	66	0.44

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CERTIFICATE OF ANALYSIS WHI17000272.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
90076	Soil	0.070	17	29	0.62	161	0.122	<20	1.85	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22732	Soil	0.042	8	19	0.36	101	0.076	<20	1.27	0.01	0.04	<2	<0.05	<1	<5	<5	<5
22733	Soil	0.044	7	19	0.36	104	0.075	<20	1.29	0.01	0.04	<2	<0.05	<1	<5	<5	<5
22734	Soil	0.046	8	18	0.40	108	0.071	<20	1.31	0.02	0.04	<2	<0.05	<1	<5	<5	<5
22735	Soil	0.050	10	23	0.50	113	0.091	<20	1.52	0.01	0.06	<2	<0.05	<1	<5	<5	<5
22736	Soil	0.037	10	25	0.52	108	0.101	<20	1.61	0.02	0.06	<2	<0.05	<1	<5	<5	<5
22737	Soil	0.063	13	24	0.49	169	0.081	<20	1.76	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22738	Soil	0.059	10	25	0.53	165	0.079	<20	1.72	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22739	Soil	0.058	10	21	0.48	158	0.072	<20	1.48	0.02	0.04	<2	0.05	<1	<5	<5	<5
22740	Soil	0.050	12	23	0.61	104	0.109	<20	1.52	0.02	0.06	<2	<0.05	<1	<5	<5	<5
22741	Soil	0.044	8	18	0.43	83	0.086	<20	1.16	0.02	0.04	<2	<0.05	<1	<5	<5	<5
22742	Soil	0.047	7	17	0.36	100	0.070	<20	1.11	0.01	0.04	<2	<0.05	<1	<5	<5	<5
22743	Soil	0.047	8	21	0.43	101	0.092	<20	1.40	0.01	0.05	<2	<0.05	<1	<5	<5	<5
22744	Soil	0.045	8	17	0.31	88	0.072	<20	1.02	0.01	0.05	<2	0.05	<1	<5	<5	<5
22745	Soil	0.042	8	17	0.35	88	0.086	<20	1.10	0.01	0.06	<2	<0.05	<1	<5	<5	<5
90001	Soil	0.054	12	28	0.76	165	0.137	<20	2.01	0.02	0.12	<2	<0.05	<1	<5	<5	<5
90002	Soil	0.051	11	27	0.73	160	0.132	<20	1.90	0.02	0.11	<2	<0.05	<1	<5	<5	<5
90003	Soil	0.054	10	27	0.65	159	0.120	<20	1.83	0.01	0.08	<2	<0.05	<1	<5	<5	<5
90004	Soil	0.038	9	26	0.55	156	0.108	<20	1.78	0.01	0.06	<2	<0.05	<1	<5	<5	<5
90005	Soil	0.048	10	28	0.55	146	0.121	<20	1.95	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90006	Soil	0.047	12	25	0.69	159	0.141	<20	1.89	0.01	0.14	<2	<0.05	<1	<5	<5	<5
90007	Soil	0.032	14	28	0.71	189	0.153	<20	2.10	0.02	0.12	<2	<0.05	<1	<5	<5	<5
90008	Soil	0.060	17	24	0.78	176	0.148	<20	1.90	0.01	0.21	<2	<0.05	<1	<5	<5	<5
90009	Soil	0.028	12	26	0.63	131	0.165	<20	1.87	0.01	0.12	<2	<0.05	<1	<5	<5	<5
90010	Soil	0.043	14	24	0.60	130	0.130	<20	1.85	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90011	Soil	0.044	15	19	0.46	99	0.101	<20	1.30	0.01	0.06	<2	<0.05	<1	<5	<5	<5
90012	Soil	0.054	14	25	0.57	135	0.114	<20	1.58	0.02	0.10	<2	<0.05	<1	<5	<5	<5
90061	Soil	0.015	4	12	0.13	67	0.078	<20	1.03	0.02	0.03	<2	<0.05	<1	<5	<5	<5
1173986	Soil	0.050	8	32	0.74	162	0.136	<20	2.37	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173987	Soil	0.062	15	31	0.73	179	0.139	<20	2.10	0.02	0.11	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173988	Soil	11	<3	<2	<1	20	18	60	0.3	18	10	387	2.85	159	6	28	<0.5	<3	<3	71	0.47
1173989	Soil	8	<3	<2	<1	26	19	64	<0.3	20	11	423	3.13	182	8	34	<0.5	<3	<3	77	0.52
1173990	Soil	7	<3	<2	<1	27	21	63	0.4	22	10	340	3.11	175	11	34	<0.5	<3	<3	75	0.53
1173991	Soil	12	<3	<2	<1	20	25	58	0.3	17	9	352	3.05	284	6	30	<0.5	<3	<3	69	0.41
1173992	Soil	9	<3	3	<1	25	19	62	<0.3	20	10	380	2.90	137	9	31	<0.5	<3	<3	70	0.50
1173993	Soil	7	<3	2	<1	24	10	53	0.4	21	9	340	2.98	85	5	31	<0.5	<3	<3	70	0.46
1173994	Soil	5	<3	<2	<1	22	8	51	<0.3	17	10	365	2.83	70	7	28	<0.5	<3	<3	68	0.44
1173995	Soil	6	<3	<2	<1	27	7	52	<0.3	20	10	368	2.93	85	6	33	<0.5	<3	<3	68	0.47
22713	Soil	9	<3	<2	<1	9	12	40	0.3	11	6	337	2.04	57	<2	21	<0.5	<3	<3	57	0.33
22714	Soil	11	3	4	<1	21	18	50	0.6	16	9	482	2.59	127	3	30	<0.5	<3	<3	66	0.40
22715	Soil	16	<3	3	<1	27	18	45	0.6	15	10	642	2.83	276	4	35	<0.5	<3	<3	68	0.51
22716	Soil	5	<3	<2	<1	12	15	40	0.6	9	6	316	2.33	169	3	18	<0.5	<3	<3	60	0.24
22717	Soil	4	<3	<2	<1	12	13	36	0.5	8	5	301	2.11	148	2	19	<0.5	<3	<3	56	0.25
22718	Soil	7	<3	<2	<1	13	17	48	0.5	10	9	466	2.73	184	6	18	<0.5	<3	<3	70	0.31
22719	Soil	13	<3	4	<1	18	23	41	0.7	13	10	725	2.52	257	3	44	<0.5	<3	<3	60	0.62
22720	Soil	6	<3	3	<1	14	9	42	0.5	11	6	391	2.33	226	3	25	<0.5	<3	<3	62	0.40
581304	Soil	21	<3	3	2	25	21	63	0.7	19	12	683	3.34	42	10	50	0.6	<3	<3	81	0.71
581305	Soil	19	<3	2	2	16	23	62	0.4	15	10	564	3.01	72	16	31	<0.5	<3	<3	64	0.46
581306	Soil	16	<3	5	2	16	23	61	0.3	15	10	563	2.97	73	14	32	<0.5	<3	<3	63	0.46
581307	Soil	32	<3	5	2	21	68	72	1.1	18	7	374	2.95	193	9	69	<0.5	4	<3	52	0.91
581308	Soil	23	<3	3	2	20	44	56	0.8	15	6	382	2.22	116	3	49	0.8	<3	<3	49	0.58
581309	Soil	24	<3	5	4	12	65	59	0.3	16	6	261	2.72	309	11	17	<0.5	<3	<3	51	0.18
1173411	Soil	6	<3	<2	2	10	7	33	<0.3	9	4	143	1.91	6	2	15	<0.5	<3	<3	53	0.17
1173412	Soil	17	<3	5	2	15	20	58	0.5	12	7	444	2.12	28	5	34	0.7	<3	<3	48	0.40
1173413	Soil	21	<3	2	2	14	59	73	0.5	15	9	553	2.78	30	5	26	<0.5	<3	<3	65	0.30
1173414	Soil	19	<3	<2	<1	20	30	73	<0.3	23	11	356	3.34	84	6	28	<0.5	<3	<3	74	0.35
1173415	Soil	10	<3	<2	1	10	18	43	<0.3	13	6	233	2.78	46	7	17	<0.5	<3	<3	73	0.19
1173416	Soil	15	<3	3	2	12	93	61	0.4	14	9	794	2.84	175	5	16	0.6	30	<3	75	0.16
1173417	Soil	45	<3	<2	1	16	42	74	0.3	15	8	335	2.69	125	7	24	<0.5	3	<3	54	0.31
1173418	Soil	36	4	3	2	12	20	53	<0.3	9	10	498	2.56	71	7	18	<0.5	<3	<3	45	0.23

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Project: PGC-17062-YT
Report Date: August 03, 2017

CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173988	Soil		0.062	13	31	0.78	145	0.153	<20	2.04	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173989	Soil		0.063	16	36	0.81	168	0.162	<20	2.14	0.03	0.16	<2	<0.05	<1	<5	<5	6
1173990	Soil		0.060	16	35	0.79	175	0.158	<20	2.27	0.02	0.11	<2	<0.05	<1	<5	<5	6
1173991	Soil		0.055	13	30	0.78	152	0.150	<20	2.13	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173992	Soil		0.059	17	33	0.77	173	0.156	<20	2.10	0.02	0.16	<2	<0.05	<1	<5	<5	6
1173993	Soil		0.049	14	34	0.69	180	0.145	<20	2.40	0.02	0.08	<2	<0.05	<1	<5	<5	5
1173994	Soil		0.051	17	30	0.75	177	0.162	<20	2.11	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173995	Soil		0.058	16	33	0.71	195	0.143	<20	2.21	0.02	0.10	<2	<0.05	<1	<5	<5	6
22713	Soil		0.043	6	19	0.44	109	0.118	<20	1.19	0.01	0.09	<2	<0.05	<1	<5	<5	<5
22714	Soil		0.045	12	26	0.55	157	0.114	<20	1.80	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22715	Soil		0.043	21	25	0.53	203	0.091	<20	1.94	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22716	Soil		0.026	10	19	0.34	114	0.092	<20	1.38	0.02	0.12	<2	<0.05	<1	<5	<5	<5
22717	Soil		0.025	10	16	0.33	110	0.090	<20	1.19	0.02	0.12	<2	<0.05	<1	<5	<5	<5
22718	Soil		0.053	16	17	0.71	141	0.125	<20	1.61	0.02	0.17	<2	<0.05	<1	<5	<5	<5
22719	Soil		0.046	23	21	0.53	185	0.096	<20	1.68	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22720	Soil		0.037	10	20	0.53	129	0.114	<20	1.32	0.02	0.14	<2	<0.05	<1	<5	<5	<5
581304	Soil		0.058	24	37	0.85	353	0.113	<20	2.36	0.02	0.15	<2	<0.05	<1	<5	<5	8
581305	Soil		0.043	24	29	0.77	267	0.105	<20	1.70	0.01	0.12	<2	<0.05	<1	<5	<5	<5
581306	Soil		0.040	23	30	0.74	264	0.099	<20	1.69	0.01	0.11	<2	<0.05	<1	<5	<5	5
581307	Soil		0.039	23	32	0.56	539	0.052	<20	2.36	0.02	0.12	<2	<0.05	<1	<5	<5	7
581308	Soil		0.025	17	27	0.44	461	0.062	<20	1.62	0.02	0.11	<2	<0.05	<1	<5	<5	<5
581309	Soil		0.023	26	31	0.47	226	0.071	<20	1.59	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173411	Soil		0.016	8	17	0.20	127	0.062	<20	0.84	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173412	Soil		0.027	24	23	0.31	351	0.053	<20	1.62	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173413	Soil		0.022	15	29	0.52	273	0.074	<20	2.15	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173414	Soil		0.016	16	39	0.83	257	0.146	<20	2.47	0.02	0.09	<2	<0.05	<1	<5	<5	6
1173415	Soil		0.017	15	26	0.40	114	0.103	<20	1.62	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173416	Soil		0.021	15	29	0.42	120	0.117	<20	1.52	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
1173417	Soil		0.039	17	26	0.63	196	0.129	<20	2.05	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1173418	Soil		0.044	21	18	0.28	197	0.044	<20	1.34	<0.01	0.10	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
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CERTIFICATE OF ANALYSIS WHI17000272.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581953	Soil		4	<3	2	<1	24	3	50	0.3	21	10	349	2.57	9	<2	39	<0.5	<3	<3	62	0.66
581954	Soil		5	<3	3	<1	12	4	44	<0.3	15	7	328	2.08	8	<2	29	<0.5	<3	<3	56	0.49
581955	Soil		4	<3	2	<1	21	4	41	<0.3	19	8	328	2.40	6	<2	39	<0.5	<3	<3	60	0.73
581956	Soil		4	<3	<2	<1	15	3	41	<0.3	17	8	293	2.28	6	2	34	<0.5	<3	<3	58	0.60
581957	Soil		4	<3	3	<1	26	3	45	<0.3	24	10	410	2.60	7	2	41	<0.5	<3	<3	69	0.83
581958	Soil		5	<3	<2	<1	13	5	42	<0.3	14	8	317	2.41	17	2	26	<0.5	<3	<3	64	0.46
581959	Soil		5	<3	<2	<1	18	7	48	<0.3	17	10	370	2.59	22	2	28	<0.5	<3	<3	66	0.43
581960	Soil		8	<3	<2	<1	14	6	45	<0.3	14	7	327	2.01	12	<2	28	<0.5	<3	<3	47	0.41
581961	Soil		8	<3	<2	<1	15	3	45	<0.3	17	8	361	2.42	8	2	40	<0.5	<3	<3	67	0.75
581962	Soil		4	<3	2	<1	25	4	43	<0.3	22	9	343	2.56	7	2	44	<0.5	<3	<3	70	0.86
581963	Soil		5	<3	<2	<1	20	8	44	<0.3	16	10	452	2.58	25	3	40	<0.5	<3	<3	66	0.67
581964	Soil		6	<3	<2	<1	16	6	43	<0.3	14	7	308	2.39	17	3	39	<0.5	<3	<3	60	0.60
581965	Soil		5	<3	3	<1	11	10	48	<0.3	12	8	502	2.26	40	2	20	<0.5	<3	<3	54	0.26
581966	Soil		6	<3	2	<1	11	13	57	0.3	13	10	637	2.50	40	3	23	<0.5	<3	<3	60	0.33
581967	Soil		9	<3	<2	<1	22	12	63	<0.3	16	13	528	3.15	28	5	28	<0.5	<3	<3	81	0.43
581968	Soil		4	<3	2	<1	17	10	55	0.3	13	10	412	2.84	49	3	23	<0.5	<3	<3	73	0.36
581969	Soil		7	<3	<2	<1	23	28	52	0.4	19	10	555	2.90	107	5	28	<0.5	<3	<3	70	0.38
581970	Soil		11	<3	<2	<1	23	24	74	<0.3	15	12	634	3.77	247	11	26	<0.5	<3	<3	91	0.45
90035	Soil		5	<3	<2	<1	23	6	46	<0.3	24	10	445	2.84	21	3	24	<0.5	<3	<3	73	0.36
90036	Soil		9	<3	<2	<1	15	8	51	0.3	17	8	272	2.85	33	4	21	<0.5	<3	<3	67	0.34

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581953	Soil		0.066	10	28	0.63	152	0.114	<20	1.59	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581954	Soil		0.058	7	26	0.59	107	0.113	<20	1.52	0.03	0.05	<2	<0.05	<1	<5	<5	<5
581955	Soil		0.046	8	27	0.63	139	0.107	<20	1.49	0.04	0.06	<2	<0.05	<1	<5	<5	<5
581956	Soil		0.059	8	25	0.62	117	0.113	<20	1.44	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581957	Soil		0.068	9	29	0.72	124	0.126	<20	1.49	0.05	0.08	<2	<0.05	<1	<5	<5	<5
581958	Soil		0.049	8	23	0.60	140	0.115	<20	1.59	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581959	Soil		0.048	10	26	0.67	169	0.134	<20	1.90	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581960	Soil		0.046	9	23	0.52	141	0.089	<20	1.49	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581961	Soil		0.057	9	26	0.64	137	0.120	<20	1.49	0.04	0.08	<2	<0.05	<1	<5	<5	<5
581962	Soil		0.065	9	30	0.73	155	0.116	<20	1.57	0.04	0.08	<2	<0.05	<1	<5	<5	<5
581963	Soil		0.050	12	26	0.65	204	0.128	<20	1.81	0.03	0.09	<2	<0.05	<1	<5	<5	5
581964	Soil		0.042	9	23	0.59	196	0.134	<20	1.70	0.02	0.14	<2	<0.05	<1	<5	<5	<5
581965	Soil		0.031	9	22	0.52	127	0.089	<20	1.71	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581966	Soil		0.051	10	24	0.57	137	0.101	<20	1.72	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581967	Soil		0.058	17	25	0.87	274	0.178	<20	2.20	0.02	0.22	<2	<0.05	<1	<5	<5	7
581968	Soil		0.050	12	23	0.67	207	0.127	<20	1.91	0.02	0.12	<2	<0.05	<1	<5	<5	5
581969	Soil		0.034	15	28	0.58	231	0.123	<20	2.19	0.01	0.07	<2	<0.05	<1	<5	<5	6
581970	Soil		0.070	20	25	0.90	262	0.163	<20	2.18	0.02	0.41	<2	<0.05	<1	<5	<5	9
90035	Soil		0.056	8	32	0.63	143	0.124	<20	2.20	0.01	0.08	<2	<0.05	<1	<5	<5	<5
90036	Soil		0.051	8	29	0.58	125	0.115	<20	2.06	0.01	0.07	<2	<0.05	<1	<5	<5	<5

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

QUALITY CONTROL REPORT WHI17000272.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
581139	Soil		8	<3	<2	2	21	14	56	<0.3	16	11	401	4.59	278	6	20	<0.5	<3	<3	101	0.23
REP 581139	QC		12	<3	<2																	
581140	Soil		7	<3	<2	<1	29	18	79	<0.3	21	18	832	4.54	133	10	24	<0.5	<3	<3	104	0.39
REP 581140	QC					<1	29	19	78	<0.3	21	19	823	4.43	133	10	23	<0.5	<3	<3	103	0.38
581899	Soil		5	<3	<2	<1	25	7	60	<0.3	17	14	397	3.50	39	4	27	<0.5	<3	<3	84	0.46
REP 581899	QC		9	<3	<2																	
90031	Soil		12	<3	<2	<1	9	<3	11	<0.3	3	2	70	0.99	3	<2	13	<0.5	<3	<3	23	0.18
REP 90031	QC					<1	8	<3	10	<0.3	3	2	65	0.92	3	<2	13	<0.5	<3	<3	21	0.18
22680	Soil		8	<3	<2	<1	21	8	54	<0.3	20	10	419	2.89	17	3	25	<0.5	<3	<3	70	0.33
REP 22680	QC		10	4	2																	
90063	Soil		32	<3	<2	<1	27	8	55	<0.3	27	12	388	3.31	61	5	36	<0.5	<3	<3	85	0.48
REP 90063	QC					<1	26	7	54	<0.3	26	12	379	3.23	59	5	35	<0.5	<3	<3	82	0.47
22759	Soil		6	<3	2	<1	10	11	35	0.4	7	5	413	1.86	53	<2	19	<0.5	<3	<3	63	0.26
REP 22759	QC					<1	10	12	36	0.3	7	5	410	1.90	53	<2	19	<0.5	<3	<3	64	0.26
22760	Soil		4	<3	<2	<1	27	7	50	<0.3	19	11	412	2.77	30	4	35	<0.5	<3	<3	67	0.51
REP 22760	QC		7	<3	2																	
581168	Soil		5	<3	2	<1	17	22	111	<0.3	19	11	658	3.13	15	3	23	<0.5	<3	<3	68	0.22
REP 581168	QC		7	5	5																	
581335	Soil		5	<3	2	<1	13	18	64	<0.3	13	8	273	2.45	44	<2	32	<0.5	<3	<3	63	0.43
REP 581335	QC					<1	12	16	63	<0.3	13	7	269	2.42	45	<2	32	<0.5	<3	<3	62	0.42
1173404	Soil		4	<3	2	<1	8	7	46	<0.3	11	6	189	1.96	14	<2	19	<0.5	<3	<3	46	0.26
REP 1173404	QC		12	<3	2																	
581996	Soil		13	<3	2	1	23	77	84	0.4	22	24	1549	4.57	1046	10	36	<0.5	<3	<3	106	0.54
REP 581996	QC					1	23	78	84	0.5	22	24	1514	4.63	1044	9	36	<0.5	<3	<3	105	0.54
581869	Soil		11	<3	<2	<1	18	14	53	<0.3	21	11	302	3.39	219	6	20	<0.5	<3	<3	84	0.26
REP 581869	QC		12	<3	3																	
22645	Soil		9	<3	<2	3	19	6	85	<0.3	22	9	425	3.37	56	<2	32	0.9	<3	<3	93	0.38
REP 22645	QC					3	19	8	87	<0.3	23	9	435	3.45	58	<2	32	0.9	<3	<3	94	0.39

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Project: PGC-17062-YT
Report Date: August 03, 2017

QUALITY CONTROL REPORT WHI17000272.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
581139	Soil		0.047	11	33	0.59	143	0.097	<20	2.75	0.01	0.09	<2	<0.05	<1	<5	6	<5
REP 581139	QC																	
581140	Soil		0.085	15	30	1.10	187	0.177	<20	3.05	0.01	0.33	<2	<0.05	<1	<5	<5	5
REP 581140	QC		0.084	16	29	1.08	182	0.175	<20	3.02	0.01	0.32	<2	<0.05	<1	<5	<5	5
581899	Soil		0.062	13	30	1.03	204	0.182	<20	2.64	0.02	0.28	<2	<0.05	<1	<5	<5	6
REP 581899	QC																	
90031	Soil		0.039	6	7	0.11	44	0.043	<20	0.56	0.02	0.03	<2	<0.05	<1	<5	<5	<5
REP 90031	QC		0.038	5	6	0.10	44	0.038	<20	0.54	0.02	0.03	<2	<0.05	<1	<5	<5	<5
22680	Soil		0.055	15	31	0.66	208	0.115	<20	2.20	0.01	0.09	<2	<0.05	<1	<5	<5	<5
REP 22680	QC																	
90063	Soil		0.052	14	44	0.74	243	0.157	<20	2.63	0.02	0.08	<2	<0.05	<1	<5	<5	7
REP 90063	QC		0.051	13	42	0.72	234	0.152	<20	2.55	0.02	0.07	<2	<0.05	<1	<5	<5	7
22759	Soil		0.024	4	13	0.38	84	0.114	<20	0.92	0.01	0.11	<2	<0.05	<1	<5	<5	<5
REP 22759	QC		0.025	4	13	0.39	85	0.116	<20	0.93	0.02	0.11	<2	<0.05	<1	<5	<5	<5
22760	Soil		0.047	16	28	0.72	218	0.132	<20	1.94	0.03	0.07	<2	<0.05	<1	<5	<5	6
REP 22760	QC																	
581168	Soil		0.036	8	30	0.50	179	0.067	<20	2.32	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
REP 581168	QC																	
581335	Soil		0.028	9	21	0.63	155	0.123	<20	1.61	0.02	0.07	<2	<0.05	<1	<5	<5	<5
REP 581335	QC		0.028	9	20	0.62	153	0.122	<20	1.60	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173404	Soil		0.041	7	18	0.47	91	0.084	<20	1.35	0.01	0.04	<2	<0.05	<1	<5	<5	<5
REP 1173404	QC																	
581996	Soil		0.073	15	33	0.81	218	0.143	<20	2.97	0.01	0.15	<2	<0.05	<1	<5	5	6
REP 581996	QC		0.072	14	33	0.80	218	0.141	<20	2.91	0.01	0.15	<2	<0.05	<1	<5	5	6
581869	Soil		0.031	9	31	0.69	118	0.123	<20	2.49	0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP 581869	QC																	
22645	Soil		0.045	8	26	0.62	371	0.101	<20	1.90	0.01	0.08	<2	0.05	<1	<5	<5	<5
REP 22645	QC		0.046	8	26	0.63	381	0.103	<20	1.93	0.02	0.08	<2	0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
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QUALITY CONTROL REPORT WHI17000272.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
90003	Soil	3	<3	<2	<1	16	5	47	<0.3	15	7	246	2.54	10	3	29	<0.5	<3	<3	61	0.43
REP 90003	QC	4	<3	2																	
90011	Soil	15	<3	2	<1	9	8	39	0.3	10	4	153	1.83	44	3	18	<0.5	<3	<3	44	0.26
REP 90011	QC				<1	9	8	38	0.3	10	4	153	1.84	44	4	18	<0.5	<3	<3	42	0.26
1173411	Soil	6	<3	<2	2	10	7	33	<0.3	9	4	143	1.91	6	2	15	<0.5	<3	<3	53	0.17
REP 1173411	QC	9	<3	3																	
581953	Soil	4	<3	2	<1	24	3	50	0.3	21	10	349	2.57	9	<2	39	<0.5	<3	<3	62	0.66
REP 581953	QC	7	<3	2	<1	25	4	51	<0.3	22	10	353	2.59	9	<2	39	<0.5	<3	<3	63	0.65
Reference Materials																					
STD CDN-PGMS-19	Standard	218	108	484																	
STD CDN-PGMS-23	Standard	504	454	2070																	
STD CDN-PGMS-19	Standard	243	111	486																	
STD CDN-PGMS-23	Standard	513	472	2142																	
STD CDN-PGMS-19	Standard	193	107	486																	
STD CDN-PGMS-23	Standard	502	457	2043																	
STD CDN-PGMS-19	Standard	272	101	482																	
STD CDN-PGMS-23	Standard	516	457	2170																	
STD CDN-PGMS-19	Standard	271	121	486																	
STD CDN-PGMS-23	Standard	469	484	2069																	
STD CDN-PGMS-19	Standard	203	106	449																	
STD CDN-PGMS-23	Standard	534	483	2171																	
STD CDN-PGMS-19	Standard	232	119	475																	
STD CDN-PGMS-23	Standard	523	476	2143																	
STD CDN-PGMS-19	Standard	208	103	450																	
STD CDN-PGMS-23	Standard	528	473	2129																	
STD CDN-PGMS-19	Standard	244	110	479																	
STD CDN-PGMS-23	Standard	500	443	2015																	
STD CDN-PGMS-19	Standard	221	100	457																	
STD CDN-PGMS-23	Standard	466	441	2027																	

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QUALITY CONTROL REPORT WHI17000272.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
90003	Soil	0.054	10	27	0.65	159	0.120	<20	1.83	0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP 90003	QC																
90011	Soil	0.044	15	19	0.46	99	0.101	<20	1.30	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 90011	QC	0.043	15	19	0.46	99	0.099	<20	1.29	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173411	Soil	0.016	8	17	0.20	127	0.062	<20	0.84	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 1173411	QC																
581953	Soil	0.066	10	28	0.63	152	0.114	<20	1.59	0.04	0.07	<2	<0.05	<1	<5	<5	<5
REP 581953	QC	0.068	10	29	0.63	154	0.114	<20	1.61	0.04	0.07	<2	<0.05	<1	<5	<5	<5
Reference Materials																	
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
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STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																

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		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD CDN-PGMS-19	Standard	232	104	459																	
STD CDN-PGMS-23	Standard	485	467	2116																	
STD DS10	Standard				15	155	157	371	1.8	75	12	882	2.80	47	6	67	2.3	10	11	43	1.07
STD DS10	Standard				14	143	140	356	1.8	70	12	858	2.73	44	7	63	2.5	7	12	42	1.05
STD DS10	Standard				14	151	143	364	2.0	74	13	872	2.78	44	8	64	2.3	8	12	43	1.07
STD DS10	Standard				14	147	142	345	1.8	71	12	841	2.66	41	8	62	2.2	8	12	41	1.05
STD DS10	Standard				15	150	150	369	2.0	74	12	879	2.81	47	6	65	2.2	8	10	43	1.06
STD DS10	Standard				14	150	150	369	1.7	74	12	888	2.80	44	6	65	2.4	8	10	43	1.06
STD DS10	Standard				14	150	149	361	1.9	72	12	878	2.81	46	6	67	2.2	7	10	43	1.07
STD DS10	Standard				14	151	147	361	2.1	71	12	881	2.75	46	8	64	2.2	9	12	42	1.07
STD DS10	Standard				13	147	146	358	1.9	71	12	871	2.67	45	7	63	2.5	8	12	42	1.01
STD OREAS45EA	Standard				2	714	11	32	0.4	408	55	429	24.41	11	9	4	<0.5	<3	<3	312	0.03
STD OREAS45EA	Standard				2	707	10	30	0.5	371	53	405	22.68	11	12	3	0.6	<3	<3	303	0.03
STD OREAS45EA	Standard				2	738	10	31	0.6	386	54	416	23.46	11	12	4	0.9	<3	<3	312	0.03
STD OREAS45EA	Standard				2	709	9	29	0.5	369	53	400	22.73	11	11	3	<0.5	<3	<3	300	0.03
STD OREAS45EA	Standard				2	704	11	30	0.4	397	54	414	24.37	11	9	4	<0.5	<3	<3	307	0.03
STD OREAS45EA	Standard				2	713	11	31	0.3	411	55	422	24.73	15	8	4	<0.5	<3	<3	315	0.03
STD OREAS45EA	Standard				3	705	13	30	<0.3	400	54	418	24.20	14	9	4	<0.5	<3	<3	307	0.03
STD OREAS45EA	Standard				2	721	12	29	0.5	383	53	412	23.05	12	11	3	<0.5	<3	<3	312	0.03
STD OREAS45EA	Standard				2	683	13	28	0.6	362	50	391	21.26	11	10	3	0.6	<3	<3	292	0.03
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-19 Expected		230	108	476																	
STD CDN-PGMS-23 Expected		496	456	2032																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01

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QUALITY CONTROL REPORT WHI17000272.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD DS10	Standard	0.077	17	54	0.79	430	0.078	<20	1.04	0.07	0.33	4	0.29	<1	<5	<5	<5
STD DS10	Standard	0.073	16	55	0.79	417	0.078	<20	1.02	0.07	0.32	2	0.28	<1	6	<5	<5
STD DS10	Standard	0.072	17	56	0.81	418	0.081	<20	1.05	0.07	0.32	3	0.28	<1	6	<5	<5
STD DS10	Standard	0.070	17	54	0.78	401	0.078	<20	1.01	0.06	0.32	3	0.28	<1	5	<5	<5
STD DS10	Standard	0.077	16	52	0.78	430	0.075	<20	1.02	0.07	0.33	3	0.28	<1	6	<5	<5
STD DS10	Standard	0.075	16	53	0.78	423	0.076	<20	1.02	0.07	0.33	4	0.28	<1	<5	<5	<5
STD DS10	Standard	0.074	16	52	0.79	427	0.076	<20	1.03	0.07	0.33	3	0.28	<1	<5	<5	<5
STD DS10	Standard	0.072	17	56	0.80	417	0.079	<20	1.03	0.07	0.32	3	0.28	<1	5	<5	<5
STD DS10	Standard	0.071	16	55	0.79	416	0.079	<20	1.03	0.07	0.32	2	0.26	<1	<5	<5	<5
STD OREAS45EA	Standard	0.031	8	904	0.10	148	0.101	<20	3.41	0.02	0.06	<2	<0.05	<1	8	<5	88
STD OREAS45EA	Standard	0.030	7	925	0.10	147	0.103	<20	3.42	0.02	0.05	<2	<0.05	<1	<5	<5	85
STD OREAS45EA	Standard	0.030	8	957	0.10	149	0.107	<20	3.54	0.02	0.05	<2	<0.05	<1	<5	<5	87
STD OREAS45EA	Standard	0.029	7	920	0.10	142	0.103	<20	3.35	0.01	0.05	<2	<0.05	<1	<5	<5	83
STD OREAS45EA	Standard	0.030	7	887	0.10	146	0.101	<20	3.37	0.02	0.06	<2	<0.05	<1	9	<5	87
STD OREAS45EA	Standard	0.031	7	903	0.10	147	0.104	<20	3.37	0.02	0.06	<2	<0.05	<1	9	<5	86
STD OREAS45EA	Standard	0.031	7	885	0.10	146	0.102	<20	3.34	0.02	0.06	<2	<0.05	<1	10	<5	86
STD OREAS45EA	Standard	0.029	7	953	0.10	149	0.104	<20	3.41	0.02	0.05	<2	<0.05	<1	<5	<5	86
STD OREAS45EA	Standard	0.028	7	902	0.09	140	0.098	<20	3.24	0.02	0.05	<2	<0.05	<1	<5	<5	82
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																	
STD CDN-PGMS-23 Expected																	
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.001	<1	1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

QUALITY CONTROL REPORT WHI17000272.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	<2																	

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 03, 2017

QUALITY CONTROL REPORT WHI17000272.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
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BLK	Blank																
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 04, 2017
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI17000273.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	320	Save all or part of Soil Reject			WHI
FA330	318	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	320	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	320	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

JEFFREY CANNON
Geochemistry Department Supervisor

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

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581971	Soil	9	3	3	<1	25	22	81	<0.3	15	13	635	4.06	236	9	25	<0.5	<3	<3	93	0.43
581972	Soil	6	<3	<2	<1	27	13	67	0.3	18	12	529	4.00	80	8	31	<0.5	<3	<3	95	0.53
581973	Soil	9	<3	<2	<1	19	9	57	<0.3	18	11	423	3.31	48	5	32	<0.5	<3	<3	79	0.52
581974	Soil	8	<3	<2	<1	23	10	51	<0.3	18	9	331	2.81	48	3	33	<0.5	<3	<3	69	0.53
581975	Soil	6	<3	<2	<1	19	9	51	<0.3	16	9	322	2.90	35	5	35	<0.5	<3	<3	71	0.55
1173426	Soil	5	<3	3	<1	32	3	57	<0.3	25	11	438	2.97	9	3	45	<0.5	<3	<3	71	0.97
581810	Soil	21	<3	3	<1	22	8	44	<0.3	17	10	518	2.39	22	<2	69	<0.5	<3	<3	61	1.19
581811	Soil	10	<3	<2	<1	17	12	48	<0.3	16	9	451	2.35	27	<2	52	<0.5	<3	<3	60	0.86
581812	Soil	112	<3	<2	<1	10	10	56	<0.3	9	9	482	3.15	95	8	23	<0.5	<3	<3	76	0.51
581871	Soil	7	<3	<2	3	19	8	58	<0.3	14	15	1913	2.76	46	<2	40	<0.5	<3	<3	71	0.57
581872	Soil	8	<3	3	2	29	12	60	<0.3	20	13	1034	3.19	82	<2	42	<0.5	<3	<3	75	0.56
581873	Soil	4	<3	<2	<1	9	6	27	<0.3	5	3	92	1.42	13	<2	11	<0.5	<3	<3	51	0.12
581874	Soil	6	<3	3	<1	19	7	26	<0.3	9	8	826	1.54	37	<2	41	<0.5	<3	<3	37	0.52
581875	Soil	14	<3	4	1	32	10	38	<0.3	15	11	2265	2.07	117	<2	58	<0.5	<3	<3	51	0.80
581876	Soil	15	3	3	<1	28	18	61	<0.3	19	10	631	2.86	299	<2	45	<0.5	<3	<3	69	0.65
581877	Soil	15	<3	4	1	29	28	64	<0.3	21	11	809	2.85	370	<2	67	<0.5	<3	<3	61	0.91
581878	Soil	17	<3	4	<1	28	30	61	0.5	18	7	621	2.00	169	<2	110	1.2	<3	<3	40	1.58
581951	Soil	15	<3	<2	<1	14	22	63	0.4	13	10	491	2.92	49	3	20	<0.5	<3	<3	72	0.27
581952	Soil	15	<3	<2	<1	12	17	57	<0.3	11	9	380	2.50	33	<2	19	<0.5	<3	<3	57	0.24
1549595	Soil	10	5	5	3	13	21	59	<0.3	12	11	573	2.58	34	7	48	<0.5	<3	<3	59	0.52
1549596	Soil	10	<3	2	3	17	18	56	<0.3	12	6	370	2.11	24	4	105	0.6	<3	<3	42	1.04
1549597	Soil	11	<3	<2	2	18	34	55	<0.3	12	7	315	2.57	49	6	54	<0.5	<3	<3	56	0.46
1549598	Soil	13	3	6	2	32	35	67	0.6	18	7	642	2.47	34	4	40	1.0	<3	<3	48	0.37
1549599	Soil	10	<3	5	8	10	30	34	<0.3	45	3	125	1.33	7	<2	19	<0.5	<3	<3	32	0.20
1173427	Soil	5	<3	<2	<1	22	6	60	<0.3	20	8	251	2.34	4	2	38	<0.5	<3	<3	53	0.65
1173428	Soil	7	<3	2	<1	29	5	54	<0.3	23	11	326	2.89	7	<2	36	<0.5	<3	<3	76	0.62
1173429	Soil	32	<3	2	<1	15	6	56	<0.3	15	10	536	2.75	18	<2	27	<0.5	<3	<3	76	0.42
1173430	Soil	6	<3	<2	<1	11	9	48	<0.3	12	8	300	2.49	39	2	24	<0.5	<3	<3	76	0.38
1173431	Soil	6	<3	<2	<1	16	8	42	<0.3	13	7	263	2.48	58	3	33	<0.5	<3	<3	67	0.48
1173432	Soil	15	<3	<2	<1	18	7	50	<0.3	17	9	288	2.84	26	3	28	<0.5	<3	<3	77	0.43

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581971	Soil		0.078	19	22	0.91	267	0.161	<20	2.11	0.02	0.43	<2	<0.05	<1	<5	<5	9
581972	Soil		0.059	20	28	0.94	322	0.174	<20	2.19	0.02	0.38	<2	<0.05	<1	<5	<5	12
581973	Soil		0.057	11	28	0.80	212	0.155	<20	2.04	0.02	0.20	<2	<0.05	<1	<5	<5	6
581974	Soil		0.049	12	28	0.68	205	0.141	<20	1.81	0.03	0.14	<2	<0.05	<1	<5	<5	6
581975	Soil		0.048	12	28	0.70	228	0.146	<20	1.89	0.02	0.13	<2	<0.05	<1	<5	<5	6
1173426	Soil		0.076	11	30	0.71	155	0.106	<20	1.55	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581810	Soil		0.061	12	24	0.60	200	0.089	<20	1.40	0.03	0.06	<2	<0.05	<1	<5	<5	<5
581811	Soil		0.058	9	24	0.64	156	0.098	<20	1.43	0.03	0.10	<2	<0.05	<1	<5	<5	<5
581812	Soil		0.099	18	16	0.71	166	0.114	<20	1.33	0.02	0.25	<2	<0.05	<1	<5	<5	<5
581871	Soil		0.104	11	24	0.50	286	0.078	<20	1.53	0.02	0.11	<2	0.09	<1	<5	<5	<5
581872	Soil		0.088	18	29	0.60	351	0.090	<20	2.18	0.02	0.08	<2	0.09	<1	<5	<5	5
581873	Soil		0.019	4	11	0.14	78	0.083	<20	0.65	0.01	0.04	<2	<0.05	<1	<5	5	<5
581874	Soil		0.075	16	15	0.22	261	0.043	<20	1.02	0.02	0.04	<2	0.08	<1	<5	<5	<5
581875	Soil		0.120	29	20	0.37	454	0.050	<20	1.40	0.02	0.05	<2	0.13	<1	<5	<5	<5
581876	Soil		0.071	23	25	0.54	370	0.093	<20	1.92	0.02	0.09	<2	0.07	<1	<5	<5	<5
581877	Soil		0.094	29	25	0.52	450	0.074	<20	2.06	0.02	0.08	<2	0.11	<1	<5	<5	<5
581878	Soil		0.122	38	18	0.45	486	0.044	<20	1.65	0.02	0.08	<2	0.17	<1	<5	<5	<5
581951	Soil		0.050	12	23	0.64	145	0.099	<20	1.90	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581952	Soil		0.049	10	22	0.59	125	0.096	<20	1.65	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1549595	Soil		0.035	16	22	0.53	215	0.092	<20	1.51	0.02	0.16	<2	<0.05	<1	<5	<5	<5
1549596	Soil		0.048	12	20	0.47	325	0.064	<20	1.51	0.02	0.14	<2	0.06	<1	<5	<5	<5
1549597	Soil		0.018	16	22	0.51	345	0.083	<20	1.73	0.02	0.15	<2	<0.05	<1	<5	<5	<5
1549598	Soil		0.028	14	25	0.41	417	0.055	<20	1.68	0.03	0.16	<2	<0.05	<1	<5	<5	<5
1549599	Soil		0.022	6	69	0.18	128	0.042	<20	0.75	0.03	0.11	<2	<0.05	<1	<5	<5	<5
1173427	Soil		0.067	10	29	0.67	150	0.116	<20	1.59	0.04	0.07	<2	<0.05	<1	<5	<5	<5
1173428	Soil		0.076	11	30	0.68	152	0.129	<20	1.70	0.04	0.07	<2	<0.05	<1	<5	<5	<5
1173429	Soil		0.046	9	24	0.65	125	0.126	<20	1.63	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173430	Soil		0.035	7	21	0.59	109	0.134	<20	1.38	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173431	Soil		0.031	11	21	0.49	155	0.113	<20	1.59	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173432	Soil		0.047	12	26	0.63	166	0.139	<20	1.88	0.02	0.07	<2	<0.05	<1	<5	5	<5

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173433	Soil	5	<3	3	<1	18	7	49	<0.3	15	9	279	2.72	41	2	25	<0.5	<3	<3	68	0.32
1173434	Soil	4	<3	<2	<1	13	8	51	<0.3	14	8	247	2.79	31	2	22	<0.5	<3	<3	78	0.29
1173435	Soil	6	<3	2	<1	15	9	53	<0.3	14	8	279	2.69	30	<2	22	<0.5	<3	<3	71	0.30
1173436	Soil	7	<3	<2	<1	20	10	58	<0.3	16	12	429	3.17	73	2	18	<0.5	<3	<3	81	0.25
1173437	Soil	6	5	<2	<1	12	11	47	<0.3	12	8	262	2.28	39	<2	21	<0.5	<3	<3	59	0.31
1173438	Soil	9	<3	<2	<1	9	13	51	<0.3	12	7	251	2.34	45	<2	20	<0.5	<3	<3	61	0.29
1173439	Soil	9	<3	3	<1	11	16	54	<0.3	12	14	778	2.60	73	<2	19	<0.5	<3	<3	79	0.29
1173440	Soil	7	<3	<2	<1	16	10	52	<0.3	15	9	345	2.49	41	<2	33	<0.5	<3	<3	65	0.48
1173441	Soil	6	<3	<2	<1	18	12	57	<0.3	15	9	337	2.76	59	2	29	<0.5	<3	<3	73	0.45
1173442	Soil	7	<3	<2	<1	19	11	56	<0.3	15	9	346	2.79	57	2	30	<0.5	<3	<3	72	0.48
1173443	Soil	5	<3	2	<1	14	10	55	<0.3	17	9	229	2.61	37	2	24	<0.5	<3	<3	69	0.39
1173444	Soil	6	<3	2	<1	17	17	69	<0.3	17	12	491	3.47	88	4	22	<0.5	<3	<3	90	0.37
1173445	Soil	6	<3	<2	<1	26	10	61	<0.3	17	12	488	3.21	51	5	31	<0.5	<3	<3	82	0.46
1173446	Soil	6	<3	<2	<1	21	16	61	<0.3	16	7	190	2.56	55	<2	22	<0.5	<3	<3	64	0.29
1173447	Soil	5	<3	2	<1	18	13	54	<0.3	16	9	339	2.44	57	<2	28	<0.5	<3	<3	58	0.36
1173448	Soil	8	<3	<2	<1	17	15	72	<0.3	19	11	404	3.04	64	5	27	<0.5	<3	<3	74	0.40
1173449	Soil	6	<3	<2	<1	15	19	73	<0.3	17	12	538	2.95	74	3	30	<0.5	<3	<3	71	0.45
1173450	Soil	6	<3	<2	<1	11	16	60	<0.3	13	10	543	2.54	70	3	27	<0.5	<3	<3	66	0.44
619449	Soil	10	<3	2	1	15	9	49	<0.3	12	15	718	2.40	24	<2	31	<0.5	<3	<3	63	0.42
619450	Soil	6	<3	<2	<1	12	16	69	<0.3	17	28	1641	3.95	56	3	24	<0.5	<3	<3	122	0.38
619801	Soil	5	<3	<2	<1	18	9	57	<0.3	17	9	274	2.65	20	<2	27	<0.5	<3	<3	67	0.41
619802	Soil	6	<3	2	<1	17	7	52	<0.3	18	10	430	2.51	19	<2	33	<0.5	<3	<3	67	0.49
619803	Soil	5	<3	<2	<1	12	11	68	<0.3	14	15	804	3.08	25	2	23	<0.5	<3	<3	85	0.34
619804	Soil	3	<3	<2	<1	10	8	44	<0.3	11	7	223	2.15	24	<2	17	<0.5	<3	<3	57	0.27
619805	Soil	5	<3	<2	<1	9	9	46	<0.3	12	8	246	2.27	31	<2	18	<0.5	<3	<3	63	0.27
619806	Soil	6	<3	2	<1	17	11	42	<0.3	13	7	234	2.48	35	<2	24	<0.5	<3	<3	59	0.30
619807	Soil	8	<3	<2	<1	12	10	46	<0.3	12	7	233	2.24	21	<2	22	<0.5	<3	<3	57	0.31
619808	Soil	6	<3	<2	<1	16	8	42	<0.3	12	7	246	2.23	18	<2	19	<0.5	<3	<3	55	0.24
619809	Soil	8	<3	<2	<1	10	9	40	<0.3	11	6	172	1.96	14	<2	20	<0.5	<3	<3	47	0.25
619810	Soil	7	<3	<2	<1	11	8	43	<0.3	12	6	196	2.10	18	<2	20	<0.5	<3	<3	51	0.26

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173433	Soil		0.042	11	25	0.58	156	0.116	<20	1.90	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173434	Soil		0.030	8	23	0.63	127	0.131	<20	1.87	0.02	0.06	<2	<0.05	<1	<5	5	<5
1173435	Soil		0.040	9	24	0.59	126	0.111	<20	1.83	0.02	0.06	<2	<0.05	<1	<5	5	<5
1173436	Soil		0.051	13	27	0.67	141	0.126	<20	2.14	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173437	Soil		0.040	9	20	0.50	107	0.097	<20	1.48	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173438	Soil		0.030	7	21	0.54	102	0.112	<20	1.53	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173439	Soil		0.044	9	20	0.54	114	0.106	<20	1.57	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173440	Soil		0.049	12	24	0.57	182	0.126	<20	1.75	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173441	Soil		0.059	13	23	0.68	193	0.139	<20	1.83	0.02	0.16	<2	<0.05	<1	<5	6	5
1173442	Soil		0.060	14	23	0.67	200	0.139	<20	1.81	0.02	0.16	<2	<0.05	<1	<5	7	5
1173443	Soil		0.043	8	24	0.65	137	0.154	<20	1.94	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173444	Soil		0.058	11	27	0.81	147	0.174	<20	2.22	0.01	0.22	<2	<0.05	<1	<5	6	6
1173445	Soil		0.054	18	26	0.86	323	0.177	<20	2.19	0.02	0.27	<2	<0.05	<1	<5	<5	8
1173446	Soil		0.043	10	26	0.56	151	0.096	<20	1.92	0.01	0.07	<2	<0.05	<1	<5	<5	<5
1173447	Soil		0.049	10	26	0.56	154	0.093	<20	1.79	0.02	0.06	<2	<0.05	<1	<5	5	<5
1173448	Soil		0.049	11	28	0.74	140	0.140	<20	2.16	0.02	0.10	<2	<0.05	<1	<5	7	6
1173449	Soil		0.056	11	26	0.67	156	0.115	<20	2.01	0.02	0.08	<2	<0.05	<1	<5	5	5
1173450	Soil		0.048	12	21	0.63	125	0.113	<20	1.60	0.02	0.07	<2	<0.05	<1	<5	6	<5
619449	Soil		0.078	13	19	0.47	148	0.078	<20	1.46	0.02	0.07	<2	0.07	<1	<5	<5	<5
619450	Soil		0.052	9	27	0.81	118	0.170	<20	1.98	0.02	0.08	<2	<0.05	<1	<5	6	<5
619801	Soil		0.054	13	28	0.64	164	0.122	<20	1.91	0.02	0.07	<2	<0.05	<1	<5	<5	<5
619802	Soil		0.056	9	27	0.61	139	0.113	<20	1.60	0.03	0.07	<2	<0.05	<1	<5	<5	<5
619803	Soil		0.050	9	24	0.72	102	0.152	<20	1.87	0.02	0.08	<2	<0.05	<1	<5	5	<5
619804	Soil		0.038	10	18	0.49	97	0.104	<20	1.48	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619805	Soil		0.039	9	20	0.51	96	0.109	<20	1.54	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619806	Soil		0.060	11	21	0.41	132	0.078	<20	1.62	0.01	0.05	<2	0.05	<1	<5	5	<5
619807	Soil		0.046	10	21	0.50	127	0.102	<20	1.61	0.01	0.06	<2	<0.05	<1	<5	5	<5
619808	Soil		0.042	10	22	0.43	110	0.090	<20	1.61	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619809	Soil		0.031	9	20	0.42	115	0.099	<20	1.51	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619810	Soil		0.035	10	21	0.45	114	0.102	<20	1.55	0.01	0.06	<2	<0.05	<1	<5	<5	<5

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CERTIFICATE OF ANALYSIS WHI17000273.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
619811	Soil	9	<3	<2	<1	8	8	42	<0.3	11	5	161	1.83	11	<2	19	<0.5	<3	<3	52	0.26
619812	Soil	7	<3	2	<1	16	7	37	<0.3	11	5	149	1.99	10	<2	20	<0.5	<3	<3	47	0.25
619813	Soil	7	<3	<2	<1	13	12	38	<0.3	11	6	241	1.93	8	<2	18	<0.5	<3	<3	49	0.26
619814	Soil	7	<3	<2	<1	13	9	42	<0.3	11	6	219	2.38	17	<2	18	<0.5	<3	<3	62	0.25
619815	Soil	8	<3	<2	<1	11	8	45	<0.3	12	9	347	2.20	13	<2	18	<0.5	<3	<3	60	0.27
619816	Soil	11	<3	<2	<1	11	9	55	<0.3	13	7	239	2.42	24	3	24	<0.5	<3	<3	64	0.40
619817	Soil	6	<3	<2	<1	10	10	52	<0.3	13	9	269	2.24	31	<2	22	<0.5	<3	<3	61	0.31
619818	Soil	10	<3	2	<1	10	12	47	<0.3	13	6	172	1.87	25	<2	23	<0.5	<3	<3	47	0.32
619819	Soil	11	<3	2	<1	15	18	71	<0.3	16	9	329	2.61	54	<2	27	<0.5	<3	<3	72	0.42
619820	Soil	10	<3	<2	<1	20	14	62	<0.3	20	11	397	3.00	37	3	31	<0.5	<3	<3	84	0.50
619821	Soil	17	<3	<2	<1	16	24	86	<0.3	17	9	296	2.79	31	3	23	<0.5	<3	<3	69	0.36
619822	Soil	15	<3	<2	<1	14	24	69	<0.3	14	8	275	2.65	74	<2	19	<0.5	<3	<3	71	0.26
619823	Soil	25	<3	<2	<1	24	54	114	0.4	28	14	440	3.61	89	5	32	<0.5	<3	<3	81	0.39
619824	Soil	9	<3	<2	<1	12	14	45	0.3	11	8	411	2.29	49	3	20	<0.5	<3	<3	65	0.23
22682	Soil	3	<3	<2	3	19	7	69	<0.3	18	16	906	3.48	14	3	38	<0.5	<3	<3	84	0.55
22683	Soil	5	<3	<2	1	8	7	24	<0.3	6	2	107	1.22	3	<2	19	<0.5	<3	<3	32	0.21
22684	Soil	2	<3	<2	<1	2	<3	12	<0.3	2	1	57	0.57	<2	<2	12	<0.5	<3	<3	15	0.14
22685	Soil	4	<3	<2	5	13	9	64	<0.3	15	10	584	3.50	24	2	35	<0.5	<3	<3	88	0.50
22686	Soil	4	<3	<2	1	22	5	57	<0.3	18	8	231	3.25	8	3	33	<0.5	<3	<3	80	0.48
22687	Soil	4	<3	<2	3	19	5	54	<0.3	17	15	904	3.77	8	3	25	<0.5	<3	<3	94	0.32
22688	Soil	3	<3	<2	<1	9	<3	18	<0.3	4	2	90	1.06	<2	<2	9	<0.5	<3	<3	29	0.08
22689	Soil	4	<3	<2	<1	4	<3	12	<0.3	1	1	54	0.68	<2	<2	7	<0.5	<3	<3	20	0.05
22690	Soil	8	<3	<2	<1	16	17	64	<0.3	14	8	359	2.22	55	<2	21	<0.5	<3	<3	62	0.30
22691	Soil	7	<3	2	<1	20	8	50	<0.3	15	8	272	2.79	37	<2	23	<0.5	<3	<3	73	0.30
22692	Soil	9	<3	<2	1	15	9	67	<0.3	17	11	571	3.46	53	5	25	<0.5	<3	<3	103	0.38
22693	Soil	8	<3	<2	<1	17	6	56	<0.3	18	11	402	3.53	31	7	18	<0.5	<3	<3	95	0.29
22694	Soil	7	<3	<2	<1	13	10	43	<0.3	12	6	184	2.13	20	2	24	<0.5	<3	<3	51	0.31
22695	Soil	3	<3	<2	<1	10	7	43	<0.3	11	6	191	2.11	14	<2	22	<0.5	<3	<3	53	0.25
22696	Soil	5	<3	2	<1	11	7	33	<0.3	9	4	135	1.58	12	<2	20	<0.5	<3	<3	38	0.21
22697	Soil	2	<3	<2	<1	11	11	37	<0.3	10	5	154	2.29	19	<2	15	<0.5	<3	<3	78	0.17

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
619811	Soil	0.019	7	20	0.44	89	0.115	<20	1.36	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619812	Soil	0.042	8	19	0.37	98	0.086	<20	1.29	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619813	Soil	0.042	9	19	0.41	92	0.099	<20	1.34	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619814	Soil	0.050	8	21	0.43	105	0.101	<20	1.50	0.01	0.07	<2	<0.05	<1	<5	<5	<5
619815	Soil	0.042	9	20	0.46	91	0.108	<20	1.46	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619816	Soil	0.061	10	22	0.55	94	0.132	<20	1.52	0.02	0.08	<2	<0.05	<1	<5	<5	<5
619817	Soil	0.042	9	21	0.54	100	0.111	<20	1.56	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619818	Soil	0.045	7	24	0.46	103	0.099	<20	1.45	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619819	Soil	0.058	9	26	0.62	129	0.126	<20	1.75	0.02	0.09	<2	<0.05	<1	<5	<5	<5
619820	Soil	0.064	15	31	0.73	189	0.140	<20	1.95	0.02	0.11	<2	<0.05	<1	<5	5	6
619821	Soil	0.052	11	28	0.69	128	0.129	<20	2.06	0.01	0.10	<2	<0.05	<1	<5	6	<5
619822	Soil	0.041	9	26	0.66	113	0.134	<20	1.89	0.01	0.09	<2	<0.05	<1	<5	<5	<5
619823	Soil	0.061	13	47	0.93	209	0.156	<20	2.50	0.02	0.13	<2	<0.05	<1	<5	<5	6
619824	Soil	0.034	9	20	0.46	105	0.098	<20	1.51	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22682	Soil	0.074	13	27	0.82	254	0.151	<20	2.23	0.02	0.11	<2	<0.05	<1	<5	<5	5
22683	Soil	0.045	5	14	0.24	102	0.059	<20	0.80	0.02	0.04	<2	<0.05	<1	<5	<5	<5
22684	Soil	0.019	2	5	0.09	35	0.029	<20	0.23	0.03	0.03	<2	<0.05	<1	<5	<5	<5
22685	Soil	0.089	10	26	0.80	173	0.143	<20	1.94	0.02	0.08	<2	<0.05	<1	<5	7	<5
22686	Soil	0.070	12	28	0.73	162	0.145	<20	2.15	0.02	0.07	<2	<0.05	<1	<5	<5	5
22687	Soil	0.049	13	29	0.66	190	0.165	<20	2.36	0.02	0.07	<2	<0.05	<1	<5	5	<5
22688	Soil	0.025	5	8	0.12	37	0.047	<20	0.57	0.02	0.03	<2	<0.05	<1	<5	<5	<5
22689	Soil	0.015	1	5	0.05	19	0.033	<20	0.28	0.02	0.02	<2	<0.05	<1	<5	<5	<5
22690	Soil	0.067	10	24	0.64	112	0.123	<20	1.81	0.02	0.07	<2	<0.05	<1	<5	7	<5
22691	Soil	0.049	21	23	0.58	141	0.114	<20	1.67	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22692	Soil	0.060	9	28	0.74	110	0.165	<20	1.91	0.02	0.09	<2	<0.05	<1	<5	6	<5
22693	Soil	0.051	9	29	0.70	85	0.165	<20	2.38	0.02	0.08	<2	<0.05	<1	<5	5	<5
22694	Soil	0.055	10	22	0.50	113	0.108	<20	1.50	0.02	0.06	<2	<0.05	<1	<5	<5	<5
22695	Soil	0.041	7	19	0.50	90	0.108	<20	1.29	0.02	0.06	<2	<0.05	<1	<5	<5	<5
22696	Soil	0.040	7	17	0.33	94	0.079	<20	0.99	0.02	0.05	<2	<0.05	<1	<5	<5	<5
22697	Soil	0.033	8	21	0.40	57	0.142	<20	1.56	0.01	0.05	<2	<0.05	<1	<5	6	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
22698	Soil	7	<3	<2	<1	13	35	70	<0.3	14	8	297	2.71	78	7	22	<0.5	<3	<3	68	0.33
22699	Soil	4	<3	<2	<1	13	34	66	<0.3	14	8	278	2.58	68	7	22	<0.5	<3	<3	65	0.32
22700	Soil	6	<3	<2	<1	15	23	38	<0.3	10	5	182	2.01	44	2	16	<0.5	<3	<3	44	0.20
22701	Soil	7	<3	<2	<1	16	11	64	<0.3	18	11	404	3.04	117	6	22	<0.5	<3	<3	79	0.33
22702	Soil	6	<3	<2	<1	14	9	51	<0.3	12	9	384	2.54	33	4	24	<0.5	<3	<3	66	0.34
581931	Soil	6	<3	2	1	22	12	70	<0.3	18	12	642	3.23	19	10	57	<0.5	<3	<3	69	0.81
581932	Soil	17	<3	<2	2	18	12	58	<0.3	14	11	746	2.65	17	9	87	<0.5	<3	<3	54	1.10
581933	Soil	11	<3	2	2	18	11	64	<0.3	14	10	672	2.66	19	8	81	<0.5	<3	<3	56	0.96
581934	Soil	13	<3	2	2	26	15	60	<0.3	16	8	685	2.09	24	5	136	0.8	5	<3	41	1.70
581935	Soil	20	<3	3	2	27	55	98	0.5	21	11	586	3.37	66	19	71	0.6	8	<3	61	0.83
581936	Soil	8	<3	2	3	28	13	81	0.3	18	10	605	3.77	14	28	53	<0.5	<3	<3	71	0.76
581937	Soil	7	<3	3	3	23	16	68	<0.3	17	11	608	3.52	13	20	36	<0.5	<3	<3	68	0.46
581938	Soil	7	<3	3	4	25	28	81	<0.3	15	9	473	3.45	13	20	47	<0.5	<3	<3	62	0.64
581939	Soil	5	<3	2	1	22	13	49	<0.3	15	9	582	3.12	7	16	35	<0.5	<3	<3	61	0.41
581940	Soil	4	<3	2	2	17	12	59	<0.3	19	11	430	3.72	6	9	26	<0.5	<3	<3	86	0.27
581941	Soil	9	<3	4	1	19	15	58	<0.3	26	12	410	3.89	8	10	34	<0.5	<3	<3	88	0.39
581942	Soil	6	<3	3	1	23	7	52	<0.3	27	12	287	4.19	11	5	22	<0.5	<3	<3	99	0.26
581943	Soil	3	<3	<2	1	21	9	54	<0.3	25	12	348	4.08	10	5	23	<0.5	<3	<3	94	0.27
581944	Soil	5	<3	<2	1	18	6	69	<0.3	25	14	541	4.22	12	5	20	0.7	<3	<3	97	0.22
581310	Soil	8	<3	2	<1	13	9	46	<0.3	15	8	317	2.26	30	3	37	<0.5	<3	<3	56	0.63
581311	Soil	9	<3	<2	<1	13	12	57	<0.3	13	12	583	2.80	92	7	51	<0.5	<3	<3	69	0.90
581312	Soil	8	<3	<2	<1	13	15	54	<0.3	14	11	576	2.89	74	7	30	<0.5	<3	<3	81	0.47
581313	Soil	13	<3	2	<1	15	15	72	<0.3	16	15	1002	3.42	89	9	35	0.5	<3	<3	89	0.57
581314	Soil	28	<3	2	<1	19	24	65	0.4	15	12	608	3.00	148	6	41	0.6	<3	<3	67	0.59
581315	Soil	13	<3	<2	<1	15	9	49	<0.3	13	11	472	2.86	81	4	31	<0.5	<3	<3	74	0.46
581316	Soil	14	<3	<2	<1	17	12	58	<0.3	15	11	504	2.78	82	3	41	<0.5	<3	<3	70	0.67
581317	Soil	13	<3	3	<1	16	15	66	<0.3	17	13	525	3.62	169	5	27	<0.5	<3	<3	93	0.42
581318	Soil	15	<3	2	<1	16	16	68	<0.3	17	13	521	3.55	178	6	27	<0.5	<3	<3	93	0.43
581319	Soil	17	<3	2	<1	19	14	69	<0.3	17	14	542	3.45	129	5	27	0.5	<3	<3	89	0.39
581320	Soil	13	<3	2	<1	19	11	57	<0.3	15	11	367	2.96	85	3	25	<0.5	<3	<3	76	0.37

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22698	Soil	0.072	14	24	0.65	105	0.125	<20	1.51	0.02	0.18	<2	<0.05	<1	<5	<5	<5
22699	Soil	0.067	14	25	0.63	105	0.121	<20	1.53	0.02	0.16	<2	<0.05	<1	<5	<5	<5
22700	Soil	0.061	15	20	0.43	99	0.090	<20	1.54	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22701	Soil	0.071	14	31	0.79	130	0.151	<20	1.96	0.02	0.22	<2	<0.05	<1	<5	<5	<5
22702	Soil	0.051	16	20	0.58	148	0.126	<20	1.51	0.02	0.10	<2	<0.05	<1	<5	<5	<5
581931	Soil	0.060	34	27	0.74	236	0.126	<20	1.93	0.03	0.12	<2	<0.05	<1	<5	<5	6
581932	Soil	0.051	28	22	0.63	245	0.097	<20	1.65	0.03	0.11	<2	0.05	<1	<5	<5	5
581933	Soil	0.054	31	23	0.64	241	0.100	<20	1.67	0.03	0.11	<2	<0.05	<1	<5	<5	5
581934	Soil	0.065	43	20	0.52	330	0.070	<20	1.35	0.02	0.12	<2	0.09	<1	<5	<5	<5
581935	Soil	0.071	64	35	0.78	347	0.122	<20	2.21	0.03	0.21	<2	<0.05	<1	<5	<5	8
581936	Soil	0.073	67	28	0.84	370	0.136	<20	2.43	0.03	0.18	<2	<0.05	<1	<5	<5	9
581937	Soil	0.046	60	26	0.72	339	0.115	<20	2.23	0.02	0.19	<2	<0.05	<1	<5	<5	6
581938	Soil	0.051	68	22	0.69	392	0.091	<20	2.26	0.02	0.17	<2	<0.05	<1	<5	<5	6
581939	Soil	0.041	50	23	0.53	380	0.070	<20	2.22	0.02	0.14	<2	<0.05	<1	<5	<5	5
581940	Soil	0.026	23	32	0.53	304	0.081	<20	2.48	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581941	Soil	0.027	19	38	0.73	249	0.126	<20	2.83	0.01	0.11	<2	<0.05	<1	<5	<5	5
581942	Soil	0.028	11	39	0.70	250	0.129	<20	2.97	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
581943	Soil	0.034	13	36	0.69	256	0.106	<20	2.87	0.01	0.08	<2	<0.05	<1	<5	5	<5
581944	Soil	0.081	9	48	0.62	184	0.135	<20	3.60	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581310	Soil	0.060	12	26	0.65	167	0.113	<20	1.63	0.03	0.07	<2	<0.05	<1	<5	<5	<5
581311	Soil	0.059	15	24	0.71	205	0.123	<20	1.70	0.03	0.13	<2	<0.05	<1	<5	<5	5
581312	Soil	0.058	14	26	0.66	155	0.134	<20	1.67	0.02	0.11	<2	<0.05	<1	<5	<5	<5
581313	Soil	0.078	16	28	0.75	199	0.147	<20	1.82	0.02	0.13	<2	<0.05	<1	<5	<5	<5
581314	Soil	0.060	23	24	0.63	268	0.121	<20	1.97	0.02	0.11	<2	<0.05	<1	<5	<5	6
581315	Soil	0.037	12	24	0.67	180	0.150	<20	1.89	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581316	Soil	0.051	15	26	0.72	218	0.141	<20	1.97	0.02	0.10	<2	<0.05	<1	<5	<5	6
581317	Soil	0.053	12	29	0.85	177	0.172	<20	2.32	0.02	0.12	<2	<0.05	<1	<5	<5	<5
581318	Soil	0.055	12	30	0.85	183	0.168	<20	2.34	0.02	0.13	<2	<0.05	<1	<5	<5	5
581319	Soil	0.046	13	31	0.84	201	0.155	<20	2.55	0.02	0.11	<2	<0.05	<1	<5	<5	6
581320	Soil	0.042	11	24	0.70	156	0.146	<20	2.22	0.02	0.10	<2	<0.05	<1	<5	<5	5

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Project: PGC-17062-YT
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CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581321	Soil	10	<3	<2	<1	11	8	31	0.3	8	6	177	1.71	27	<2	18	<0.5	<3	<3	47	0.23
581322	Soil	8	<3	<2	<1	13	12	53	0.3	13	10	302	2.43	33	3	26	<0.5	<3	<3	62	0.37
581323	Soil	38	<3	<2	<1	13	18	64	<0.3	14	15	969	3.16	78	5	23	<0.5	<3	<3	83	0.36
581324	Soil	8	<3	2	<1	9	10	47	<0.3	11	9	333	2.36	34	4	22	<0.5	<3	<3	59	0.37
581325	Soil	10	<3	<2	<1	9	10	50	<0.3	11	8	290	2.77	38	5	19	<0.5	<3	<3	69	0.33
581326	Soil	7	<3	<2	<1	15	14	63	<0.3	17	13	507	3.14	32	5	23	0.6	<3	<3	81	0.34
581327	Soil	7	<3	<2	<1	11	17	42	<0.3	11	7	208	2.23	21	3	18	<0.5	<3	<3	54	0.23
581328	Soil	6	<3	<2	<1	13	18	56	<0.3	14	13	743	2.86	25	2	22	<0.5	<3	<3	79	0.30
581329	Soil	7	<3	2	<1	10	12	52	<0.3	14	10	389	2.93	26	4	20	<0.5	<3	<3	85	0.32
581330	Soil	8	<3	2	<1	11	5	33	<0.3	11	6	235	2.48	12	<2	23	<0.5	<3	<3	62	0.28
581331	Soil	5	<3	<2	<1	9	5	40	<0.3	12	7	184	2.14	9	2	20	<0.5	<3	<3	51	0.30
581332	Soil	4	<3	<2	<1	8	5	35	<0.3	11	5	120	1.76	5	<2	20	<0.5	<3	<3	41	0.28
581333	Soil	9	<3	2	<1	9	5	39	<0.3	12	6	142	1.98	7	<2	22	<0.5	<3	<3	38	0.30
581334	Soil	9	5	4	<1	8	7	35	<0.3	11	5	120	1.67	7	<2	20	<0.5	<3	<3	39	0.24
1549551	Soil	7	<3	<2	<1	8	6	42	<0.3	8	9	436	3.91	34	21	20	<0.5	<3	<3	90	0.50
1549552	Soil	85	<3	5	3	12	21	76	<0.3	11	10	666	2.85	65	16	72	<0.5	5	<3	54	0.85
1549553	Soil	33	<3	5	2	16	25	76	<0.3	12	9	563	2.34	67	10	131	1.6	4	<3	44	1.55
1549554	Soil	9	<3	2	<1	17	5	37	<0.3	7	3	340	0.96	7	3	206	0.5	<3	<3	16	2.32
1549555	Soil	10	<3	2	<1	15	8	67	<0.3	11	11	573	3.72	9	28	30	<0.5	<3	<3	65	0.42
1549556	Soil	9	<3	4	1	19	11	52	<0.3	21	13	480	3.69	8	15	29	0.5	<3	<3	85	0.37
1549557	Soil	3	<3	2	<1	23	5	48	<0.3	27	14	321	3.50	10	7	27	<0.5	<3	<3	82	0.32
1549558	Soil	3	<3	<2	2	15	7	39	<0.3	18	9	301	3.05	7	3	20	<0.5	<3	<3	77	0.23
1549559	Soil	2	<3	<2	<1	12	7	54	<0.3	15	9	322	2.84	5	2	17	<0.5	<3	<3	71	0.16
1549560	Soil	3	<3	<2	1	11	6	46	<0.3	11	9	726	2.72	5	8	18	<0.5	<3	<3	63	0.21
1549561	Soil	3	<3	2	<1	15	10	50	<0.3	13	9	473	3.09	4	26	25	<0.5	<3	<3	57	0.33
1549562	Soil	4	<3	2	<1	12	16	40	<0.3	11	8	428	2.96	4	27	19	<0.5	<3	<3	46	0.23
1549601	Soil	8	<3	<2	2	11	10	55	<0.3	11	10	649	2.68	42	7	71	<0.5	<3	<3	60	0.82
1549602	Soil	24	<3	4	3	17	20	63	0.3	14	12	914	2.93	78	13	61	<0.5	<3	<3	57	0.68
1549603	Soil	9	<3	<2	<1	9	14	54	<0.3	12	8	297	2.35	31	3	20	<0.5	<3	<3	60	0.32
1549604	Soil	I.S.	I.S.	I.S.	<1	8	<3	36	<0.3	7	19	1036	0.95	9	<2	45	0.6	<3	<3	15	0.63

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581321	Soil		0.022	8	17	0.37	108	0.102	<20	1.28	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581322	Soil		0.047	11	24	0.62	135	0.121	<20	1.82	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581323	Soil		0.057	12	27	0.67	150	0.134	<20	2.07	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581324	Soil		0.059	13	20	0.53	113	0.111	<20	1.51	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581325	Soil		0.057	13	21	0.59	111	0.123	<20	1.63	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581326	Soil		0.050	11	30	0.67	132	0.139	<20	2.20	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581327	Soil		0.041	11	21	0.47	112	0.100	<20	1.56	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581328	Soil		0.049	9	27	0.55	113	0.121	<20	1.76	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581329	Soil		0.051	11	25	0.59	119	0.132	<20	1.82	0.02	0.09	<2	<0.05	<1	<5	<5	<5
581330	Soil		0.058	7	21	0.40	120	0.081	<20	1.42	0.02	0.04	<2	0.05	<1	<5	<5	<5
581331	Soil		0.048	8	21	0.51	96	0.109	<20	1.45	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581332	Soil		0.039	7	21	0.43	86	0.100	<20	1.30	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581333	Soil		0.049	8	23	0.48	101	0.102	<20	1.51	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581334	Soil		0.031	7	22	0.43	87	0.105	<20	1.39	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1549551	Soil		0.110	39	16	0.59	148	0.123	<20	1.07	0.02	0.23	<2	<0.05	<1	<5	<5	<5
1549552	Soil		0.045	40	23	0.67	232	0.099	<20	1.66	0.03	0.19	<2	<0.05	<1	<5	<5	5
1549553	Soil		0.053	44	21	0.56	358	0.070	<20	1.40	0.03	0.15	<2	0.07	<1	<5	<5	<5
1549554	Soil		0.047	35	7	0.44	423	0.024	<20	0.64	0.02	0.09	<2	0.10	<1	<5	<5	<5
1549555	Soil		0.067	77	18	0.90	347	0.119	<20	2.17	0.02	0.29	<2	<0.05	<1	<5	<5	7
1549556	Soil		0.031	34	36	0.68	291	0.109	<20	2.64	0.02	0.17	<2	<0.05	<1	<5	<5	5
1549557	Soil		0.026	14	37	0.80	269	0.138	<20	2.79	0.02	0.12	<2	<0.05	<1	<5	<5	5
1549558	Soil		0.030	10	31	0.43	200	0.099	<20	2.06	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549559	Soil		0.024	8	27	0.45	177	0.098	<20	1.90	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1549560	Soil		0.022	16	21	0.45	186	0.070	<20	1.98	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549561	Soil		0.031	42	24	0.72	245	0.110	<20	1.91	0.01	0.15	<2	<0.05	<1	<5	<5	7
1549562	Soil		0.025	47	19	0.59	306	0.057	<20	1.85	0.01	0.17	<2	<0.05	<1	<5	<5	<5
1549601	Soil		0.039	27	22	0.63	277	0.104	<20	1.57	0.03	0.09	<2	<0.05	<1	<5	<5	<5
1549602	Soil		0.047	40	29	0.63	337	0.083	<20	1.76	0.03	0.14	<2	<0.05	<1	<5	<5	6
1549603	Soil		0.049	10	22	0.61	109	0.119	<20	1.60	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549604	Soil		0.079	12	8	0.16	162	0.022	<20	0.53	0.02	0.09	<2	0.10	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1549605	Soil	11	<3	4	<1	11	8	46	<0.3	11	10	389	2.37	45	5	21	<0.5	<3	<3	59	0.37
1549606	Soil	15	<3	9	<1	16	9	43	0.4	12	13	717	2.27	29	<2	34	0.5	<3	<3	49	0.42
1549607	Soil	8	<3	2	<1	20	9	48	0.3	14	8	298	2.46	35	3	31	<0.5	<3	<3	61	0.40
1549608	Soil	4	<3	<2	<1	13	8	53	0.3	11	11	693	3.05	40	6	17	<0.5	<3	<3	78	0.24
1549609	Soil	10	<3	<2	<1	15	15	61	<0.3	13	11	764	3.01	74	5	35	0.6	<3	<3	76	0.52
1549610	Soil	15	<3	4	<1	34	13	66	0.9	16	11	1993	2.82	72	4	77	1.5	<3	<3	62	1.09
1549611	Soil	13	<3	2	<1	15	12	50	0.5	12	9	313	3.29	83	4	19	<0.5	<3	<3	82	0.25
1549612	Soil	26	<3	4	1	35	14	62	0.4	21	13	553	3.27	69	6	48	0.8	<3	<3	77	0.75
1549613	Soil	10	<3	<2	<1	15	7	49	<0.3	13	11	509	2.73	36	5	47	<0.5	<3	<3	67	0.74
1549614	Soil	5	<3	2	<1	20	7	42	0.3	13	8	358	2.34	26	3	38	0.6	<3	<3	61	0.53
1549615	Soil	8	<3	2	<1	15	8	49	<0.3	14	10	473	2.70	42	3	39	<0.5	<3	<3	69	0.61
1549616	Soil	8	<3	<2	<1	13	9	51	<0.3	13	10	438	2.76	46	4	34	<0.5	<3	<3	73	0.56
1549617	Soil	7	<3	<2	<1	13	9	48	<0.3	13	10	417	2.67	37	4	31	<0.5	<3	<3	72	0.44
1549618	Soil	7	<3	<2	<1	16	7	49	0.3	14	11	595	2.75	37	3	38	<0.5	<3	<3	72	0.58
1549619	Soil	14	<3	<2	<1	19	9	53	0.3	14	12	873	2.61	83	3	54	0.6	<3	<3	71	0.81
1549620	Soil	I.S.	I.S.	I.S.	<1	16	<3	20	<0.3	7	2	251	0.82	3	<2	48	0.5	<3	<3	16	0.87
1549621	Soil	9	<3	<2	<1	18	4	51	<0.3	19	8	204	2.40	8	<2	29	<0.5	<3	<3	58	0.51
1549622	Soil	10	<3	<2	<1	15	7	46	<0.3	14	8	278	2.34	22	2	27	<0.5	<3	<3	54	0.36
1549623	Soil	8	<3	<2	<1	12	14	51	<0.3	14	9	427	2.71	19	2	23	<0.5	<3	<3	66	0.33
1549624	Soil	14	<3	<2	<1	12	7	39	<0.3	9	14	868	2.06	11	<2	27	<0.5	<3	<3	45	0.44
1549625	Soil	7	<3	<2	<1	10	9	42	<0.3	12	6	209	2.23	10	<2	21	<0.5	<3	<3	55	0.30
1549626	Soil	13	<3	<2	<1	11	6	33	<0.3	11	6	178	2.00	8	<2	28	<0.5	<3	<3	37	0.39
1549627	Soil	6	<3	<2	<1	9	6	42	<0.3	13	7	175	1.97	12	<2	21	<0.5	<3	<3	51	0.30
1549628	Soil	14	<3	<2	<1	12	4	34	<0.3	13	6	146	1.88	7	<2	28	<0.5	<3	<3	41	0.39
1549629	Soil	10	<3	<2	<1	10	4	39	<0.3	12	6	201	1.92	5	<2	26	<0.5	<3	<3	45	0.37
581181	Soil	5	<3	<2	<1	12	10	47	<0.3	14	9	392	2.38	24	2	37	<0.5	<3	<3	67	0.59
581182	Soil	6	<3	<2	<1	20	13	53	<0.3	17	13	764	2.72	33	3	42	<0.5	<3	<3	73	0.64
581183	Soil	5	<3	<2	<1	13	16	60	<0.3	13	10	510	2.76	54	4	39	<0.5	<3	<3	73	0.60
581184	Soil	8	<3	<2	<1	18	18	68	0.5	15	12	525	2.96	67	5	39	<0.5	<3	<3	74	0.59
581185	Soil	17	<3	<2	<1	18	55	90	1.7	15	12	545	2.99	85	5	34	0.7	<3	<3	75	0.55

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1549605	Soil		0.062	13	18	0.59	120	0.117	<20	1.41	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1549606	Soil		0.076	14	20	0.42	180	0.070	<20	1.41	0.02	0.07	<2	0.07	<1	<5	<5	<5
1549607	Soil		0.047	12	23	0.60	167	0.111	<20	1.71	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549608	Soil		0.050	16	18	0.63	123	0.105	<20	1.69	0.01	0.18	<2	<0.05	<1	<5	<5	<5
1549609	Soil		0.049	19	22	0.68	222	0.083	<20	2.02	0.02	0.12	<2	<0.05	<1	<5	<5	6
1549610	Soil		0.068	44	20	0.51	386	0.069	<20	2.32	0.02	0.12	<2	0.06	<1	<5	<5	8
1549611	Soil		0.068	10	22	0.59	121	0.115	<20	2.35	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1549612	Soil		0.048	29	27	0.69	294	0.136	<20	2.30	0.02	0.13	<2	<0.05	<1	<5	<5	8
1549613	Soil		0.050	15	24	0.65	247	0.125	<20	1.79	0.03	0.11	<2	<0.05	<1	<5	<5	6
1549614	Soil		0.035	12	21	0.53	212	0.123	<20	1.53	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1549615	Soil		0.048	12	22	0.67	207	0.139	<20	1.72	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549616	Soil		0.044	11	23	0.71	205	0.146	<20	1.74	0.02	0.10	<2	<0.05	<1	<5	<5	<5
1549617	Soil		0.034	11	24	0.64	169	0.140	<20	1.75	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549618	Soil		0.058	12	23	0.66	211	0.121	<20	1.72	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549619	Soil		0.075	18	24	0.57	237	0.087	<20	1.52	0.03	0.08	<2	0.05	<1	<5	<5	<5
1549620	Soil		0.076	4	8	0.15	133	0.017	<20	0.44	0.02	0.04	<2	0.11	<1	<5	<5	<5
1549621	Soil		0.065	9	30	0.65	137	0.125	<20	1.79	0.03	0.06	<2	<0.05	<1	<5	<5	<5
1549622	Soil		0.057	13	23	0.58	176	0.100	<20	1.76	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1549623	Soil		0.056	9	25	0.67	132	0.116	<20	1.69	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1549624	Soil		0.074	11	15	0.39	157	0.066	<20	1.24	0.02	0.07	<2	0.08	<1	<5	<5	<5
1549625	Soil		0.045	8	23	0.53	119	0.098	<20	1.64	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1549626	Soil		0.074	8	20	0.38	135	0.065	<20	1.40	0.02	0.05	<2	0.08	<1	<5	<5	<5
1549627	Soil		0.038	6	25	0.51	105	0.111	<20	1.55	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1549628	Soil		0.051	8	24	0.45	145	0.083	<20	1.54	0.02	0.05	<2	0.06	<1	<5	<5	<5
1549629	Soil		0.055	7	21	0.46	119	0.091	<20	1.40	0.02	0.06	<2	0.06	<1	<5	<5	<5
581181	Soil		0.049	8	24	0.64	134	0.124	<20	1.56	0.03	0.06	<2	<0.05	<1	<5	<5	<5
581182	Soil		0.052	12	28	0.64	179	0.113	<20	1.72	0.03	0.07	<2	<0.05	<1	<5	<5	<5
581183	Soil		0.056	11	24	0.67	178	0.128	<20	1.63	0.03	0.12	<2	<0.05	<1	<5	<5	<5
581184	Soil		0.056	14	27	0.71	206	0.122	<20	1.79	0.03	0.09	<2	<0.05	<1	<5	<5	6
581185	Soil		0.055	17	26	0.72	230	0.130	<20	1.82	0.03	0.12	<2	<0.05	<1	<5	<5	6

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CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581186	Soil	113	<3	<2	<1	17	61	101	0.6	15	12	554	3.70	253	6	27	0.9	<3	<3	96	0.48
581187	Soil	32	<3	<2	<1	22	17	65	0.8	15	11	777	3.13	195	6	27	0.5	<3	<3	73	0.35
581188	Soil	16	<3	<2	<1	16	18	70	0.5	15	13	756	3.22	117	6	22	<0.5	<3	<3	79	0.32
581189	Soil	12	<3	<2	<1	15	19	56	0.4	15	10	416	3.04	66	4	24	<0.5	<3	<3	79	0.33
581190	Soil	11	<3	<2	<1	16	18	53	0.4	14	10	423	2.89	60	4	24	<0.5	<3	<3	74	0.32
581191	Soil	10	<3	<2	<1	14	6	49	<0.3	10	10	429	2.99	71	5	17	<0.5	<3	<3	78	0.27
581192	Soil	8	<3	<2	<1	12	<3	68	<0.3	7	15	941	3.80	53	8	16	<0.5	<3	<3	94	0.48
581193	Soil	7	<3	<2	<1	18	8	65	<0.3	17	18	861	4.08	61	9	15	<0.5	<3	<3	98	0.27
581194	Soil	6	<3	<2	<1	11	<3	62	<0.3	10	12	676	3.52	39	14	19	<0.5	<3	<3	80	0.34
581195	Soil	11	<3	<2	<1	15	6	44	<0.3	16	9	271	2.51	20	3	21	<0.5	<3	<3	61	0.30
581196	Soil	6	<3	<2	<1	17	4	46	<0.3	16	10	336	2.75	18	3	20	<0.5	<3	<3	70	0.33
581197	Soil	10	<3	<2	<1	17	7	58	<0.3	18	14	594	3.22	26	5	24	<0.5	<3	<3	80	0.37
581198	Soil	12	<3	<2	<1	14	6	41	<0.3	14	7	244	2.30	26	<2	23	<0.5	<3	<3	57	0.29
581199	Soil	9	<3	<2	<1	12	5	44	<0.3	14	8	266	2.42	25	<2	20	<0.5	<3	<3	64	0.28
581200	Soil	9	<3	<2	<1	12	3	39	<0.3	13	7	213	2.44	14	<2	20	<0.5	<3	<3	62	0.27
581301	Soil	12	<3	<2	<1	11	4	47	<0.3	15	10	397	2.78	21	2	22	<0.5	<3	<3	71	0.34
581302	Soil	5	<3	<2	2	14	4	39	<0.3	13	7	244	2.27	6	<2	22	<0.5	<3	<3	56	0.31
581303	Soil	8	<3	<2	<1	27	<3	50	<0.3	23	11	395	2.74	11	3	43	<0.5	<3	<3	79	0.85
22820	Soil	10	<3	<2	<1	12	5	27	<0.3	10	4	164	1.69	37	<2	40	<0.5	<3	<3	42	0.50
22821	Soil	12	<3	<2	<1	15	7	34	<0.3	12	8	605	2.09	35	2	31	<0.5	<3	<3	52	0.41
22822	Soil	9	<3	<2	<1	22	8	56	<0.3	18	9	995	2.38	74	<2	72	0.6	<3	<3	56	0.98
22823	Soil	11	<3	<2	<1	12	<3	27	<0.3	6	2	59	0.62	7	<2	98	0.6	<3	<3	12	1.33
22824	Soil	169	<3	<2	<1	17	5	45	<0.3	19	10	447	2.72	27	5	26	<0.5	<3	<3	72	0.44
22825	Soil	6	<3	<2	<1	14	<3	17	<0.3	9	3	222	1.12	4	<2	35	0.6	<3	<3	31	0.35
22730	Soil	7	<3	<2	<1	15	5	24	<0.3	9	9	567	1.45	26	<2	58	<0.5	<3	<3	35	0.78
22731	Soil	9	<3	<2	<1	13	10	36	<0.3	14	8	392	2.37	19	<2	26	<0.5	<3	<3	62	0.32
1173996	Soil	5	<3	<2	<1	17	7	58	<0.3	17	11	595	3.09	16	5	30	<0.5	<3	<3	75	0.48
1173997	Soil	10	<3	<2	<1	18	9	62	<0.3	15	11	808	3.32	30	7	28	<0.5	<3	<3	77	0.46
1173998	Soil	6	<3	<2	<1	13	4	51	<0.3	15	10	584	2.80	13	5	30	<0.5	<3	<3	67	0.49
1173999	Soil	5	<3	<2	<1	13	5	61	<0.3	14	11	719	3.20	15	9	25	<0.5	<3	<3	72	0.50

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581186	Soil		0.064	15	26	0.88	210	0.149	<20	1.97	0.01	0.22	<2	<0.05	<1	<5	<5	7
581187	Soil		0.039	17	25	0.64	203	0.097	<20	1.98	0.02	0.09	<2	<0.05	<1	<5	<5	6
581188	Soil		0.048	14	25	0.73	173	0.119	<20	2.05	0.01	0.12	<2	<0.05	<1	<5	<5	5
581189	Soil		0.051	13	25	0.69	191	0.118	<20	2.01	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581190	Soil		0.052	14	24	0.64	187	0.110	<20	1.90	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
581191	Soil		0.058	12	18	0.84	207	0.137	<20	1.93	<0.01	0.25	<2	<0.05	<1	<5	<5	<5
581192	Soil		0.140	15	13	1.41	331	0.183	<20	2.38	<0.01	0.75	<2	<0.05	<1	<5	<5	7
581193	Soil		0.080	11	28	1.11	151	0.190	<20	2.81	<0.01	0.35	<2	<0.05	<1	<5	<5	6
581194	Soil		0.063	21	16	1.06	194	0.158	<20	2.05	0.01	0.56	<2	<0.05	<1	<5	<5	6
581195	Soil		0.046	10	26	0.66	137	0.122	<20	1.91	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581196	Soil		0.055	12	26	0.71	142	0.136	<20	1.99	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581197	Soil		0.058	12	30	0.85	173	0.158	<20	2.27	0.02	0.12	<2	<0.05	<1	<5	<5	<5
581198	Soil		0.050	8	24	0.57	131	0.099	<20	1.65	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581199	Soil		0.037	7	24	0.61	108	0.123	<20	1.70	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581200	Soil		0.038	7	24	0.57	119	0.110	<20	1.81	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581301	Soil		0.050	8	24	0.70	136	0.148	<20	1.87	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581302	Soil		0.049	7	24	0.52	140	0.110	<20	1.64	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581303	Soil		0.074	10	30	0.71	138	0.126	<20	1.51	0.04	0.07	<2	<0.05	<1	<5	<5	<5
22820	Soil		0.058	9	18	0.31	197	0.070	<20	1.06	0.01	0.07	<2	0.09	<1	<5	<5	<5
22821	Soil		0.062	21	20	0.41	236	0.084	<20	1.41	0.02	0.07	<2	0.06	<1	<5	<5	<5
22822	Soil		0.095	26	24	0.50	343	0.074	<20	1.97	0.02	0.09	<2	0.11	<1	<5	<5	<5
22823	Soil		0.081	14	7	0.16	263	0.017	<20	0.44	0.02	0.05	<2	0.17	<1	<5	<5	<5
22824	Soil		0.068	13	27	0.62	165	0.139	<20	1.64	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22825	Soil		0.049	5	11	0.12	149	0.041	<20	0.65	0.02	0.05	<2	0.06	<1	<5	<5	<5
22730	Soil		0.086	18	15	0.23	204	0.039	<20	1.00	0.02	0.06	<2	0.13	<1	<5	<5	<5
22731	Soil		0.054	6	21	0.43	134	0.098	<20	1.41	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173996	Soil		0.074	18	28	0.73	266	0.139	<20	1.88	0.02	0.14	<2	<0.05	<1	<5	<5	5
1173997	Soil		0.086	27	25	0.72	325	0.129	<20	2.09	0.01	0.25	<2	<0.05	<1	<5	<5	6
1173998	Soil		0.068	16	25	0.67	197	0.139	<20	1.65	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1173999	Soil		0.088	18	23	0.77	234	0.166	<20	1.69	0.02	0.28	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1174000	Soil	8	<3	<2	<1	15	8	52	<0.3	17	11	466	4.84	72	5	28	<0.5	<3	<3	83	0.46
581121	Soil	6	<3	<2	<1	17	8	43	<0.3	15	10	640	2.51	16	<2	39	<0.5	<3	<3	63	0.47
581122	Soil	4	<3	<2	<1	16	5	33	<0.3	12	8	426	2.29	9	<2	19	<0.5	<3	<3	54	0.20
581123	Soil	9	<3	<2	<1	16	7	37	<0.3	15	6	185	2.26	7	<2	25	<0.5	<3	<3	53	0.34
581124	Soil	6	<3	<2	1	15	8	54	<0.3	16	10	561	3.42	52	<2	24	<0.5	<3	<3	97	0.28
581125	Soil	8	<3	<2	<1	25	10	46	<0.3	22	12	517	3.11	42	2	37	<0.5	<3	<3	63	0.50
581126	Soil	5	<3	<2	<1	15	6	27	<0.3	10	5	262	1.48	50	<2	29	<0.5	<3	<3	36	0.35
581852	Soil	6	<3	<2	<1	14	25	52	<0.3	15	10	508	2.44	147	<2	25	<0.5	<3	<3	58	0.34
581853	Soil	13	<3	<2	1	16	8	19	<0.3	10	5	261	1.00	55	<2	72	<0.5	<3	<3	11	0.92
581854	Soil	4	<3	<2	<1	7	10	17	<0.3	3	2	58	0.95	45	<2	8	<0.5	<3	<3	24	0.09
581855	Soil	9	<3	<2	<1	16	26	55	<0.3	16	8	263	2.23	244	<2	29	<0.5	<3	<3	52	0.42
581856	Soil	14	<3	<2	<1	21	20	54	<0.3	16	9	347	2.58	148	3	27	<0.5	<3	<3	66	0.42
581857	Soil	10	<3	<2	<1	32	22	62	0.3	24	11	449	3.14	104	5	38	<0.5	<3	<3	78	0.62
581858	Soil	10	<3	<2	<1	39	28	63	0.5	26	11	535	3.32	130	4	40	<0.5	<3	<3	81	0.66
581859	Soil	8	<3	<2	<1	17	14	65	<0.3	20	12	404	3.10	52	5	28	<0.5	<3	<3	76	0.48
581860	Soil	11	<3	<2	<1	13	11	30	<0.3	8	5	201	1.96	64	<2	15	<0.5	<3	<3	51	0.18
581861	Soil	9	<3	<2	<1	21	16	59	<0.3	21	12	540	3.48	143	6	28	<0.5	<3	<3	88	0.45
619405	Soil	7	<3	<2	<1	17	11	51	<0.3	17	10	393	2.60	26	2	31	<0.5	<3	<3	69	0.50
619406	Soil	5	<3	<2	<1	24	6	55	<0.3	22	11	509	2.64	12	<2	43	<0.5	<3	<3	67	0.68
619407	Soil	5	<3	<2	<1	21	7	53	<0.3	20	11	507	2.60	12	<2	42	<0.5	<3	<3	67	0.66
619408	Soil	7	<3	<2	<1	19	7	55	<0.3	20	10	342	2.67	17	<2	41	<0.5	<3	<3	67	0.65
619409	Soil	7	<3	<2	2	15	20	60	<0.3	16	10	3162	2.73	30	8	55	<0.5	<3	<3	64	0.82
619410	Soil	9	<3	<2	3	17	23	61	<0.3	19	10	427	3.04	35	11	42	<0.5	<3	<3	65	0.49
619438	Soil	8	<3	<2	3	15	17	52	<0.3	16	8	333	2.67	21	9	29	<0.5	<3	<3	60	0.33
619439	Soil	9	<3	<2	3	17	25	49	<0.3	16	7	246	2.25	60	8	33	<0.5	<3	<3	45	0.36
619440	Soil	5	<3	<2	2	11	17	27	<0.3	10	3	137	1.19	11	3	22	<0.5	<3	<3	29	0.23
619441	Soil	8	<3	<2	6	13	23	71	<0.3	21	12	644	2.80	19	5	27	<0.5	<3	<3	65	0.27
619442	Soil	13	<3	<2	5	16	147	58	1.8	15	6	292	2.37	39	5	26	<0.5	8	<3	55	0.32
619443	Soil	9	<3	<2	3	11	22	53	<0.3	12	8	876	1.94	37	3	26	<0.5	<3	<3	53	0.30
619444	Soil	20	<3	<2	1	16	27	66	<0.3	12	9	458	2.55	53	6	22	<0.5	<3	<3	57	0.21

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CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1174000	Soil		0.072	18	29	0.70	209	0.121	<20	2.17	0.01	0.11	<2	<0.05	<1	<5	<5	5
581121	Soil		0.085	11	27	0.45	281	0.077	<20	1.97	0.01	0.07	<2	0.07	<1	<5	<5	<5
581122	Soil		0.052	13	22	0.36	144	0.080	<20	1.72	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581123	Soil		0.082	14	31	0.54	183	0.090	<20	2.05	<0.01	0.05	<2	0.06	<1	<5	<5	<5
581124	Soil		0.064	8	28	0.49	139	0.090	<20	1.91	0.01	0.06	<2	0.05	<1	<5	<5	<5
581125	Soil		0.063	19	32	0.60	277	0.088	<20	2.34	0.02	0.07	<2	0.07	<1	<5	<5	6
581126	Soil		0.041	9	13	0.24	160	0.054	<20	1.00	0.02	0.04	<2	<0.05	<1	<5	<5	<5
581852	Soil		0.051	9	26	0.58	126	0.119	<20	1.84	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581853	Soil		0.102	17	6	0.14	169	0.025	<20	0.68	0.01	0.04	<2	0.16	<1	<5	<5	<5
581854	Soil		0.021	4	8	0.10	25	0.053	<20	0.52	0.01	0.03	<2	<0.05	<1	<5	<5	<5
581855	Soil		0.047	10	24	0.50	140	0.102	<20	1.71	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581856	Soil		0.062	14	22	0.62	204	0.113	<20	1.98	0.02	0.07	<2	<0.05	<1	<5	<5	5
581857	Soil		0.055	26	33	0.77	211	0.148	<20	2.46	0.02	0.11	<2	<0.05	<1	<5	<5	8
581858	Soil		0.059	36	35	0.74	232	0.131	<20	2.67	0.01	0.10	<2	<0.05	<1	<5	5	10
581859	Soil		0.049	11	28	0.85	158	0.157	<20	2.27	0.02	0.11	<2	<0.05	<1	<5	<5	<5
581860	Soil		0.029	10	13	0.34	99	0.091	<20	1.30	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581861	Soil		0.059	14	30	0.86	154	0.156	<20	2.18	0.02	0.16	<2	<0.05	<1	<5	<5	6
619405	Soil		0.057	11	26	0.60	159	0.118	<20	1.74	0.02	0.07	<2	<0.05	<1	<5	<5	<5
619406	Soil		0.062	11	30	0.66	172	0.120	<20	1.77	0.04	0.08	<2	<0.05	<1	<5	<5	<5
619407	Soil		0.062	11	29	0.66	169	0.120	<20	1.76	0.04	0.08	<2	<0.05	<1	<5	<5	<5
619408	Soil		0.062	11	27	0.64	160	0.121	<20	1.72	0.04	0.06	<2	<0.05	<1	<5	<5	<5
619409	Soil		0.030	18	27	0.59	215	0.103	<20	1.70	0.02	0.12	<2	<0.05	<1	<5	<5	<5
619410	Soil		0.036	21	33	0.64	359	0.092	<20	2.10	0.02	0.15	<2	<0.05	<1	<5	<5	6
619438	Soil		0.023	19	29	0.60	337	0.108	<20	1.59	0.02	0.13	<2	<0.05	<1	<5	<5	<5
619439	Soil		0.025	19	29	0.47	346	0.082	<20	1.55	0.02	0.12	<2	<0.05	<1	<5	<5	<5
619440	Soil		0.015	8	16	0.19	166	0.047	<20	0.73	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619441	Soil		0.039	17	35	0.55	268	0.091	<20	1.69	0.02	0.13	<2	<0.05	<1	<5	<5	<5
619442	Soil		0.025	18	25	0.45	241	0.076	<20	1.73	0.01	0.17	<2	<0.05	<1	<5	<5	<5
619443	Soil		0.028	12	21	0.32	212	0.067	<20	1.37	0.01	0.09	<2	<0.05	<1	<5	<5	<5
619444	Soil		0.029	13	24	0.31	158	0.073	<20	1.79	0.02	0.09	<2	<0.05	<1	<5	<5	<5

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
619445	Soil	53	<3	<2	1	17	114	109	<0.3	21	10	458	3.69	182	4	28	<0.5	23	<3	87	0.32
619446	Soil	62	<3	<2	<1	25	23	62	0.3	25	9	248	3.06	115	3	21	<0.5	<3	<3	72	0.27
619447	Soil	15	<3	<2	<1	26	15	51	<0.3	24	11	448	2.98	42	5	27	<0.5	<3	<3	71	0.33
619448	Soil	11	<3	<2	1	19	20	60	<0.3	23	12	359	3.47	51	4	26	<0.5	<3	<3	80	0.32
1173841	Soil	18	4	<2	<1	18	6	51	<0.3	18	9	287	2.46	10	2	34	<0.5	<3	<3	71	0.65
581813	Soil	12	<3	7	<1	14	16	62	<0.3	13	11	572	3.16	72	5	36	<0.5	<3	<3	73	0.58
581814	Soil	13	<3	2	<1	16	7	47	<0.3	15	10	508	2.60	31	<2	41	<0.5	<3	<3	74	0.68
581815	Soil	8	<3	2	<1	16	8	51	<0.3	16	9	376	2.61	18	2	40	<0.5	<3	<3	75	0.65
581816	Soil	10	<3	<2	<1	22	64	53	0.4	19	9	416	2.42	15	<2	49	<0.5	<3	<3	67	0.87
581817	Soil	6	<3	2	<1	23	6	47	<0.3	19	8	315	2.49	8	<2	43	<0.5	<3	<3	67	0.78
581818	Soil	8	<3	3	<1	21	8	49	<0.3	18	10	419	2.49	24	<2	53	<0.5	<3	<3	66	0.88
581819	Soil	13	<3	3	<1	17	6	32	<0.3	10	7	377	1.84	41	2	42	<0.5	<3	<3	43	0.60
581820	Soil	10	<3	<2	<1	16	14	56	0.4	15	11	773	3.01	55	4	32	<0.5	<3	<3	76	0.47
581976	Soil	9	<3	2	<1	21	6	54	<0.3	18	12	486	2.93	8	6	32	<0.5	<3	<3	73	0.54
581977	Soil	5	<3	3	<1	19	5	59	<0.3	18	14	463	3.65	9	5	28	<0.5	<3	<3	97	0.49
581978	Soil	4	<3	<2	<1	24	6	52	<0.3	19	11	346	3.08	9	4	31	<0.5	<3	<3	78	0.52
581979	Soil	8	<3	4	<1	24	16	102	<0.3	19	12	404	3.22	22	4	38	<0.5	<3	<3	81	0.67
581980	Soil	30	<3	<2	<1	20	8	61	<0.3	12	12	554	3.49	107	7	22	<0.5	<3	<3	81	0.32
581981	Soil	5	<3	<2	<1	21	21	62	<0.3	18	13	524	3.26	49	5	32	<0.5	<3	<3	80	0.51
581982	Soil	8	<3	<2	<1	14	19	55	<0.3	12	10	300	2.94	261	3	18	<0.5	<3	<3	81	0.22
581983	Soil	10	4	4	<1	16	17	47	<0.3	14	8	284	2.23	51	<2	26	<0.5	<3	<3	54	0.34
581984	Soil	10	7	7	<1	17	18	50	<0.3	15	8	280	2.31	49	<2	26	<0.5	<3	<3	53	0.37
581985	Soil	4	<3	2	<1	13	16	64	<0.3	14	11	435	2.74	61	3	26	<0.5	<3	<3	74	0.40
1173803	Soil	7	<3	<2	<1	9	12	41	<0.3	13	6	158	2.38	31	12	17	<0.5	<3	<3	51	0.26
1173804	Soil	13	<3	<2	<1	12	23	53	<0.3	14	7	177	2.77	45	9	23	<0.5	<3	<3	59	0.32
1173805	Soil	21	<3	<2	1	20	31	57	<0.3	19	11	601	3.13	71	7	20	<0.5	<3	<3	67	0.25
1173806	Soil	7	<3	<2	<1	13	7	37	0.4	13	7	250	2.49	21	4	17	<0.5	<3	<3	61	0.18
1173807	Soil	4	<3	<2	<1	6	6	21	<0.3	4	3	127	1.32	7	<2	8	<0.5	<3	<3	43	0.08
1173808	Soil	266	5	7	2	10	15	37	<0.3	11	5	183	2.23	34	13	23	<0.5	<3	<3	47	0.28
1173809	Soil	20	<3	6	2	10	13	42	<0.3	14	8	262	2.64	31	11	22	<0.5	<3	<3	50	0.26

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
619445	Soil		0.029	11	35	0.65	214	0.114	<20	2.49	0.01	0.07	<2	<0.05	<1	<5	6	<5
619446	Soil		0.025	10	33	0.60	202	0.112	<20	2.71	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619447	Soil		0.033	11	31	0.63	219	0.126	<20	2.29	0.02	0.07	<2	<0.05	<1	<5	<5	5
619448	Soil		0.025	12	35	0.77	210	0.167	<20	2.65	0.01	0.12	<2	<0.05	<1	<5	5	<5
1173841	Soil		0.069	11	25	0.64	120	0.130	<20	1.46	0.04	0.06	<2	<0.05	<1	<5	<5	<5
581813	Soil		0.091	19	19	0.71	212	0.127	<20	1.64	0.02	0.23	<2	<0.05	<1	<5	<5	<5
581814	Soil		0.049	11	25	0.61	167	0.129	<20	1.55	0.03	0.07	<2	<0.05	<1	<5	<5	<5
581815	Soil		0.053	9	27	0.62	165	0.136	<20	1.57	0.03	0.08	<2	<0.05	<1	<5	<5	<5
581816	Soil		0.056	9	25	0.60	165	0.110	<20	1.50	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581817	Soil		0.061	9	27	0.63	150	0.127	<20	1.56	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581818	Soil		0.057	10	27	0.62	189	0.114	<20	1.55	0.03	0.08	<2	<0.05	<1	<5	<5	<5
581819	Soil		0.045	10	15	0.36	260	0.068	<20	1.17	0.03	0.06	<2	<0.05	<1	<5	<5	<5
581820	Soil		0.037	12	26	0.65	215	0.117	<20	1.99	0.02	0.09	<2	<0.05	<1	<5	<5	6
581976	Soil		0.055	14	29	0.77	199	0.165	<20	2.11	0.02	0.21	<2	<0.05	<1	<5	<5	6
581977	Soil		0.053	11	32	0.89	201	0.195	<20	2.53	0.02	0.24	<2	<0.05	<1	<5	<5	6
581978	Soil		0.046	13	30	0.80	192	0.176	<20	2.20	0.02	0.17	<2	<0.05	<1	<5	<5	6
581979	Soil		0.050	13	31	0.88	213	0.179	<20	2.29	0.03	0.18	<2	<0.05	<1	<5	<5	6
581980	Soil		0.063	23	18	0.76	269	0.140	<20	1.97	0.01	0.38	<2	<0.05	<1	<5	<5	8
581981	Soil		0.045	14	29	0.86	259	0.147	<20	2.42	0.02	0.13	<2	<0.05	<1	<5	<5	7
581982	Soil		0.019	7	23	0.62	88	0.155	<20	1.96	0.02	0.08	<2	<0.05	<1	<5	<5	<5
581983	Soil		0.046	8	26	0.45	155	0.094	<20	1.65	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581984	Soil		0.042	10	26	0.50	178	0.103	<20	1.77	0.02	0.06	<2	<0.05	<1	<5	<5	<5
581985	Soil		0.058	10	24	0.72	184	0.136	<20	1.85	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173803	Soil		0.025	27	25	0.46	165	0.076	<20	1.56	<0.01	0.13	<2	<0.05	<1	<5	<5	<5
1173804	Soil		0.031	19	26	0.52	253	0.058	<20	2.12	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173805	Soil		0.025	15	31	0.54	252	0.058	<20	2.43	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173806	Soil		0.027	8	24	0.39	131	0.087	<20	1.55	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173807	Soil		0.013	5	9	0.08	88	0.050	<20	0.65	0.01	0.03	<2	<0.05	<1	<5	<5	<5
1173808	Soil		0.018	24	19	0.42	180	0.075	<20	1.32	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173809	Soil		0.027	23	24	0.52	165	0.079	<20	1.54	0.01	0.11	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173810	Soil	14	<3	9	4	11	21	75	<0.3	15	9	421	2.90	79	9	21	0.6	<3	<3	61	0.24
1173811	Soil	14	<3	<2	2	15	24	40	0.5	10	4	120	1.82	42	3	26	0.6	<3	<3	39	0.21
1173812	Soil	61	<3	<2	2	16	84	106	1.0	16	9	402	2.65	167	11	52	1.3	<3	<3	53	0.55
1173813	Soil	49	<3	<2	2	16	80	108	1.1	16	9	469	2.74	168	10	56	1.2	<3	<3	54	0.60
E5667953	Soil	27	4	7	2	31	29	51	0.5	17	10	539	2.66	79	6	102	1.0	<3	<3	53	1.10
E5667954	Soil	27	<3	6	2	17	24	65	<0.3	18	12	546	3.06	89	10	43	0.5	<3	<3	69	0.53
E5667955	Soil	29	<3	<2	2	13	61	79	0.5	13	9	437	2.53	195	10	48	1.1	3	<3	52	0.49
619833	Soil	25	<3	3	<1	16	9	50	<0.3	15	10	585	2.51	37	3	44	<0.5	<3	<3	66	0.74
619834	Soil	8	<3	3	<1	12	12	58	0.3	13	10	361	2.36	35	<2	28	<0.5	<3	<3	55	0.39
619835	Soil	9	5	7	<1	11	10	43	<0.3	11	10	450	1.97	40	<2	27	<0.5	<3	<3	43	0.34
619836	Soil	7	<3	4	<1	12	13	57	<0.3	14	8	242	2.36	53	<2	28	<0.5	<3	<3	59	0.40
619837	Soil	8	<3	3	<1	16	15	72	<0.3	15	12	704	3.10	120	7	24	<0.5	<3	<3	72	0.37
619838	Soil	9	<3	2	<1	15	13	62	<0.3	15	15	944	2.99	74	4	24	<0.5	<3	<3	80	0.35
619839	Soil	9	<3	3	<1	15	10	48	<0.3	13	9	390	2.33	35	<2	24	<0.5	<3	<3	58	0.33
619840	Soil	8	<3	3	<1	23	16	68	<0.3	19	14	447	3.32	40	4	24	<0.5	<3	<3	80	0.34
619841	Soil	5	<3	4	<1	17	10	63	<0.3	17	11	285	3.12	41	3	24	<0.5	<3	<3	80	0.38
619842	Soil	5	<3	2	<1	22	6	71	<0.3	20	19	572	5.02	18	8	16	<0.5	<3	<3	124	0.25
619843	Soil	8	<3	<2	<1	23	9	42	<0.3	15	10	527	3.00	22	5	30	<0.5	<3	<3	65	0.40
619844	Soil	12	<3	4	<1	24	11	43	0.3	15	10	626	2.77	21	3	31	<0.5	<3	<3	59	0.41
619845	Soil	8	<3	3	<1	20	7	50	<0.3	18	9	295	2.72	13	3	28	<0.5	<3	<3	68	0.46
619846	Soil	6	<3	3	<1	24	7	43	<0.3	18	12	617	2.35	9	<2	40	<0.5	<3	<3	59	0.59
619847	Soil	10	<3	3	<1	19	8	46	<0.3	16	9	404	2.40	15	2	40	<0.5	<3	<3	65	0.66
619848	Soil	13	<3	2	<1	19	9	47	<0.3	16	9	358	2.66	18	2	35	<0.5	<3	<3	69	0.55
619849	Soil	20	<3	4	<1	19	14	60	<0.3	15	13	1023	2.98	87	3	24	<0.5	<3	<3	73	0.34
619850	Soil	6	3	2	<1	14	7	63	<0.3	15	15	938	3.30	49	4	23	<0.5	<3	<3	87	0.40
581801	Soil	7	<3	3	<1	17	9	54	<0.3	16	10	401	2.72	39	2	25	<0.5	<3	<3	67	0.37
581802	Soil	7	<3	3	<1	15	7	32	<0.3	10	5	145	1.89	25	<2	16	<0.5	<3	<3	45	0.16
581803	Soil	7	<3	4	<1	16	10	49	<0.3	14	8	265	2.28	26	<2	24	<0.5	<3	<3	53	0.32
581804	Soil	9	<3	3	<1	12	7	49	<0.3	13	9	316	2.57	29	<2	25	<0.5	<3	<3	69	0.40
581805	Soil	6	<3	5	<1	29	7	51	<0.3	23	11	405	2.76	18	<2	41	<0.5	<3	<3	73	0.71

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		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173810	Soil		0.024	18	26	0.55	236	0.082	<20	1.88	0.01	0.13	<2	<0.05	<1	<5	<5	<5
1173811	Soil		0.019	10	20	0.31	236	0.056	<20	1.29	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173812	Soil		0.032	24	31	0.71	267	0.109	<20	1.67	0.02	0.18	<2	<0.05	<1	<5	<5	6
1173813	Soil		0.032	22	32	0.71	288	0.107	<20	1.78	0.02	0.18	<2	<0.05	<1	<5	<5	6
E5667953	Soil		0.045	26	25	0.63	425	0.076	<20	1.72	0.02	0.10	<2	0.05	<1	<5	<5	7
E5667954	Soil		0.042	19	34	0.82	226	0.130	<20	1.90	0.02	0.15	<2	<0.05	<1	<5	<5	6
E5667955	Soil		0.032	20	27	0.57	227	0.104	<20	1.56	0.02	0.13	<2	<0.05	<1	<5	<5	<5
619833	Soil		0.057	11	25	0.66	171	0.121	<20	1.59	0.03	0.11	<2	<0.05	<1	<5	<5	<5
619834	Soil		0.046	10	22	0.66	137	0.098	<20	1.68	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619835	Soil		0.050	11	20	0.46	126	0.075	<20	1.39	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619836	Soil		0.046	9	24	0.64	127	0.105	<20	1.67	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619837	Soil		0.051	14	27	0.70	158	0.141	<20	2.17	0.02	0.11	<2	<0.05	<1	<5	<5	6
619838	Soil		0.041	11	24	0.69	143	0.129	<20	1.84	0.02	0.11	<2	<0.05	<1	<5	<5	<5
619839	Soil		0.051	10	21	0.55	146	0.094	<20	1.60	0.02	0.08	<2	<0.05	<1	<5	<5	<5
619840	Soil		0.045	12	31	0.86	223	0.165	<20	2.60	0.02	0.17	<2	<0.05	<1	<5	<5	6
619841	Soil		0.048	9	27	0.87	163	0.166	<20	2.35	0.01	0.13	<2	<0.05	<1	<5	<5	5
619842	Soil		0.046	13	33	1.00	205	0.145	<20	3.06	<0.01	0.18	<2	<0.05	<1	<5	<5	9
619843	Soil		0.043	16	26	0.44	251	0.096	<20	2.21	0.02	0.12	<2	<0.05	<1	<5	<5	9
619844	Soil		0.045	15	24	0.40	247	0.086	<20	2.00	0.01	0.12	<2	<0.05	<1	<5	<5	8
619845	Soil		0.058	10	28	0.66	155	0.133	<20	1.77	0.02	0.10	<2	<0.05	<1	<5	<5	<5
619846	Soil		0.052	11	26	0.50	201	0.105	<20	1.58	0.03	0.07	<2	<0.05	<1	<5	<5	<5
619847	Soil		0.051	12	25	0.56	196	0.110	<20	1.58	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619848	Soil		0.043	11	28	0.58	207	0.116	<20	1.74	0.03	0.05	<2	<0.05	<1	<5	<5	<5
619849	Soil		0.062	14	25	0.63	203	0.107	<20	1.88	0.01	0.09	<2	<0.05	<1	<5	<5	<5
619850	Soil		0.069	11	24	0.82	140	0.159	<20	1.84	0.02	0.19	<2	<0.05	<1	<5	<5	<5
581801	Soil		0.050	9	26	0.61	145	0.114	<20	1.83	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581802	Soil		0.029	7	18	0.35	84	0.081	<20	1.31	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581803	Soil		0.047	10	24	0.55	142	0.096	<20	1.70	0.01	0.07	<2	<0.05	<1	<5	<5	<5
581804	Soil		0.043	9	22	0.60	115	0.128	<20	1.62	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581805	Soil		0.044	11	32	0.63	205	0.113	<20	1.81	0.04	0.05	<2	<0.05	<1	<5	<5	6

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581806	Soil	15	<3	4	<1	26	6	46	<0.3	23	10	327	2.60	7	<2	43	<0.5	<3	<3	68	0.76
581807	Soil	6	<3	4	<1	20	7	53	<0.3	19	10	437	2.56	11	<2	44	<0.5	<3	<3	67	0.80
581808	Soil	11	<3	3	<1	19	6	47	<0.3	19	8	244	2.47	5	<2	33	<0.5	<3	<3	66	0.54
581809	Soil	7	<3	4	<1	21	6	46	<0.3	19	9	253	2.51	7	<2	33	<0.5	<3	<3	61	0.50
22801	Soil	3	<3	<2	<1	15	12	47	<0.3	14	8	275	2.90	34	4	15	<0.5	<3	<3	85	0.20
22802	Soil	11	<3	3	<1	14	17	52	<0.3	15	8	279	2.71	102	3	29	<0.5	<3	<3	71	0.35
22803	Soil	3	<3	<2	<1	8	7	21	<0.3	5	2	93	1.42	16	<2	12	<0.5	<3	<3	49	0.13
22804	Soil	7	<3	3	1	24	12	48	<0.3	15	16	1242	2.73	79	<2	41	<0.5	<3	<3	66	0.53
22805	Soil	4	<3	<2	<1	9	8	27	<0.3	7	4	188	1.55	30	<2	14	<0.5	<3	<3	48	0.16
22806	Soil	7	<3	4	<1	33	22	66	<0.3	19	13	623	3.28	220	7	24	<0.5	<3	<3	86	0.29
22807	Soil	7	<3	3	1	28	17	48	<0.3	15	8	456	2.42	132	4	35	<0.5	<3	<3	59	0.42
22808	Soil	5	<3	2	1	26	18	50	0.6	17	8	375	2.62	89	3	35	<0.5	<3	<3	61	0.42
22809	Soil	6	<3	<2	<1	19	12	55	<0.3	13	9	362	3.01	73	5	37	<0.5	<3	<3	79	0.56
619825	Soil	4	<3	3	<1	22	6	50	<0.3	18	10	451	2.44	10	<2	41	<0.5	<3	<3	63	0.72
619826	Soil	7	<3	2	<1	23	7	50	<0.3	16	7	565	1.72	4	<2	45	<0.5	<3	<3	40	0.84
619827	Soil	4	<3	3	1	17	9	52	<0.3	16	16	1186	2.94	33	<2	54	<0.5	<3	<3	64	0.88
619828	Soil	8	<3	<2	<1	10	6	51	<0.3	10	8	498	2.66	22	10	24	<0.5	<3	<3	63	0.51
619829	Soil	14	<3	<2	4	16	26	44	<0.3	14	8	342	2.38	21	5	35	<0.5	<3	<3	61	0.39
619830	Soil	12	5	6	4	17	32	64	0.3	18	13	693	3.29	32	12	33	<0.5	<3	<3	75	0.38
619831	Soil	10	<3	<2	3	16	60	40	0.9	13	6	223	2.22	20	6	27	<0.5	4	<3	49	0.30

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581806	Soil		0.063	9	29	0.65	148	0.121	<20	1.64	0.04	0.07	<2	<0.05	<1	<5	<5	<5
581807	Soil		0.065	9	27	0.65	134	0.113	<20	1.59	0.04	0.08	<2	<0.05	<1	<5	<5	<5
581808	Soil		0.061	8	28	0.60	130	0.116	<20	1.67	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581809	Soil		0.063	9	27	0.53	142	0.094	<20	1.68	0.03	0.05	<2	<0.05	<1	<5	<5	<5
22801	Soil		0.035	10	24	0.57	101	0.138	<20	1.83	0.01	0.06	<2	<0.05	<1	<5	<5	<5
22802	Soil		0.036	13	24	0.60	161	0.123	<20	1.95	0.01	0.06	<2	<0.05	<1	<5	<5	<5
22803	Soil		0.017	3	11	0.13	72	0.082	<20	0.64	0.01	0.04	<2	<0.05	<1	<5	<5	<5
22804	Soil		0.097	28	24	0.48	201	0.073	<20	1.79	0.02	0.08	<2	0.08	<1	<5	<5	<5
22805	Soil		0.019	6	13	0.28	67	0.089	<20	0.82	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22806	Soil		0.048	23	29	0.65	175	0.123	<20	2.24	0.02	0.10	<2	<0.05	<1	<5	<5	<5
22807	Soil		0.049	25	24	0.50	190	0.086	<20	1.68	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22808	Soil		0.058	24	22	0.48	180	0.071	<20	1.64	0.02	0.25	<2	<0.05	<1	<5	<5	5
22809	Soil		0.032	17	21	0.76	225	0.141	<20	1.84	0.02	0.15	<2	<0.05	<1	<5	<5	6
619825	Soil		0.062	8	28	0.58	146	0.092	<20	1.55	0.03	0.05	<2	<0.05	<1	<5	<5	<5
619826	Soil		0.062	7	26	0.54	138	0.085	<20	1.42	0.03	0.05	<2	0.05	<1	<5	<5	<5
619827	Soil		0.063	11	24	0.56	180	0.079	<20	1.49	0.03	0.06	<2	0.05	<1	<5	<5	<5
619828	Soil		0.089	22	16	0.61	144	0.126	<20	1.25	0.02	0.19	<2	<0.05	<1	<5	<5	<5
619829	Soil		0.022	11	28	0.48	173	0.089	<20	1.49	0.02	0.10	<2	<0.05	<1	<5	<5	<5
619830	Soil		0.034	21	35	0.77	287	0.103	<20	2.13	0.02	0.13	<2	<0.05	<1	<5	6	6
619831	Soil		0.017	17	27	0.46	332	0.059	<20	1.59	0.02	0.12	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000273.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
581872	Soil		8	<3	3	2	29	12	60	<0.3	20	13	1034	3.19	82	<2	42	<0.5	<3	<3	75	0.56
REP 581872	QC					3	29	13	61	<0.3	20	14	1049	3.18	82	<2	42	<0.5	<3	<3	75	0.55
1173432	Soil		15	<3	<2	<1	18	7	50	<0.3	17	9	288	2.84	26	3	28	<0.5	<3	<3	77	0.43
REP 1173432	QC		15	3	2																	
1173449	Soil		6	<3	<2	<1	15	19	73	<0.3	17	12	538	2.95	74	3	30	<0.5	<3	<3	71	0.45
REP 1173449	QC					<1	15	22	73	<0.3	17	12	543	2.98	74	3	31	<0.5	<3	<3	71	0.47
619815	Soil		8	<3	<2	<1	11	8	45	<0.3	12	9	347	2.20	13	<2	18	<0.5	<3	<3	60	0.27
REP 619815	QC		7	<3	2																	
22690	Soil		8	<3	<2	<1	16	17	64	<0.3	14	8	359	2.22	55	<2	21	<0.5	<3	<3	62	0.30
REP 22690	QC					<1	17	16	65	<0.3	15	8	367	2.27	56	2	22	<0.5	<3	<3	63	0.31
581935	Soil		20	<3	3	2	27	55	98	0.5	21	11	586	3.37	66	19	71	0.6	8	<3	61	0.83
REP 581935	QC		21	<3	3																	
581319	Soil		17	<3	2	<1	19	14	69	<0.3	17	14	542	3.45	129	5	27	0.5	<3	<3	89	0.39
REP 581319	QC					<1	18	14	68	<0.3	16	13	532	3.41	126	5	26	<0.5	<3	<3	87	0.39
581334	Soil		9	5	4	<1	8	7	35	<0.3	11	5	120	1.67	7	<2	20	<0.5	<3	<3	39	0.24
REP 581334	QC		9	<3	3																	
1549609	Soil		10	<3	<2	<1	15	15	61	<0.3	13	11	764	3.01	74	5	35	0.6	<3	<3	76	0.52
REP 1549609	QC					<1	15	15	62	0.4	13	12	764	2.95	75	4	34	<0.5	<3	<3	75	0.52
1549623	Soil		8	<3	<2	<1	12	14	51	<0.3	14	9	427	2.71	19	2	23	<0.5	<3	<3	66	0.33
REP 1549623	QC		10	<3	<2																	
581196	Soil		6	<3	<2	<1	17	4	46	<0.3	16	10	336	2.75	18	3	20	<0.5	<3	<3	70	0.33
REP 581196	QC					<1	17	4	47	<0.3	17	10	343	2.84	19	4	21	<0.5	<3	<3	71	0.35
22824	Soil		169	<3	<2	<1	17	5	45	<0.3	19	10	447	2.72	27	5	26	<0.5	<3	<3	72	0.44
REP 22824	QC		18	<3	<2																	
581861	Soil		9	<3	<2	<1	21	16	59	<0.3	21	12	540	3.48	143	6	28	<0.5	<3	<3	88	0.45
REP 581861	QC					<1	21	16	59	<0.3	21	12	538	3.48	143	7	28	<0.5	<3	<3	87	0.45
619444	Soil		20	<3	<2	1	16	27	66	<0.3	12	9	458	2.55	53	6	22	<0.5	<3	<3	57	0.21
REP 619444	QC		22	<3	<2																	

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Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000273.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
581872	Soil		0.088	18	29	0.60	351	0.090	<20	2.18	0.02	0.08	<2	0.09	<1	<5	<5	5
REP 581872	QC		0.088	18	29	0.60	351	0.089	<20	2.20	0.02	0.08	<2	0.09	<1	<5	<5	5
1173432	Soil		0.047	12	26	0.63	166	0.139	<20	1.88	0.02	0.07	<2	<0.05	<1	<5	5	<5
REP 1173432	QC																	
1173449	Soil		0.056	11	26	0.67	156	0.115	<20	2.01	0.02	0.08	<2	<0.05	<1	<5	5	5
REP 1173449	QC		0.057	11	26	0.67	157	0.116	<20	2.04	0.02	0.08	<2	<0.05	<1	<5	6	5
619815	Soil		0.042	9	20	0.46	91	0.108	<20	1.46	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 619815	QC																	
22690	Soil		0.067	10	24	0.64	112	0.123	<20	1.81	0.02	0.07	<2	<0.05	<1	<5	7	<5
REP 22690	QC		0.066	10	25	0.65	116	0.128	<20	1.90	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581935	Soil		0.071	64	35	0.78	347	0.122	<20	2.21	0.03	0.21	<2	<0.05	<1	<5	<5	8
REP 581935	QC																	
581319	Soil		0.046	13	31	0.84	201	0.155	<20	2.55	0.02	0.11	<2	<0.05	<1	<5	<5	6
REP 581319	QC		0.044	12	31	0.84	195	0.155	<20	2.50	0.02	0.11	<2	<0.05	<1	<5	<5	6
581334	Soil		0.031	7	22	0.43	87	0.105	<20	1.39	0.02	0.06	<2	<0.05	<1	<5	<5	<5
REP 581334	QC																	
1549609	Soil		0.049	19	22	0.68	222	0.083	<20	2.02	0.02	0.12	<2	<0.05	<1	<5	<5	6
REP 1549609	QC		0.049	17	22	0.67	218	0.081	<20	2.02	0.01	0.12	<2	<0.05	<1	<5	<5	6
1549623	Soil		0.056	9	25	0.67	132	0.116	<20	1.69	0.02	0.09	<2	<0.05	<1	<5	<5	<5
REP 1549623	QC																	
581196	Soil		0.055	12	26	0.71	142	0.136	<20	1.99	0.01	0.09	<2	<0.05	<1	<5	<5	<5
REP 581196	QC		0.056	12	27	0.73	145	0.140	<20	2.05	0.01	0.09	<2	<0.05	<1	<5	<5	<5
22824	Soil		0.068	13	27	0.62	165	0.139	<20	1.64	0.02	0.10	<2	<0.05	<1	<5	<5	<5
REP 22824	QC																	
581861	Soil		0.059	14	30	0.86	154	0.156	<20	2.18	0.02	0.16	<2	<0.05	<1	<5	<5	6
REP 581861	QC		0.058	14	31	0.85	152	0.156	<20	2.17	0.02	0.16	<2	<0.05	<1	<5	5	6
619444	Soil		0.029	13	24	0.31	158	0.073	<20	1.79	0.02	0.09	<2	<0.05	<1	<5	<5	<5
REP 619444	QC																	

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QUALITY CONTROL REPORT WHI17000273.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
581985	Soil	4	<3	2	<1	13	16	64	<0.3	14	11	435	2.74	61	3	26	<0.5	<3	<3	74	0.40
REP 581985	QC				<1	13	16	64	0.3	14	11	441	2.77	61	2	27	<0.5	<3	<3	73	0.41
E5667953	Soil	27	4	7	2	31	29	51	0.5	17	10	539	2.66	79	6	102	1.0	<3	<3	53	1.10
REP E5667953	QC	26	<3	7																	
581803	Soil	7	<3	4	<1	16	10	49	<0.3	14	8	265	2.28	26	<2	24	<0.5	<3	<3	53	0.32
REP 581803	QC				<1	16	11	50	<0.3	14	8	270	2.32	26	<2	25	<0.5	<3	<3	54	0.33
22805	Soil	4	<3	<2	<1	9	8	27	<0.3	7	4	188	1.55	30	<2	14	<0.5	<3	<3	48	0.16
REP 22805	QC	6	3	4																	
619831	Soil	10	<3	<2	3	16	60	40	0.9	13	6	223	2.22	20	6	27	<0.5	4	<3	49	0.30
REP 619831	QC	14	<3	3																	
Reference Materials																					
STD CDN-PGMS-19	Standard	227	108	511																	
STD CDN-PGMS-23	Standard	479	461	2168																	
STD CDN-PGMS-19	Standard	286	114	506																	
STD CDN-PGMS-19	Standard	219	110	470																	
STD CDN-PGMS-23	Standard	499	480	2135																	
STD CDN-PGMS-19	Standard	220	109	483																	
STD CDN-PGMS-19	Standard	280	104	462																	
STD CDN-PGMS-23	Standard	491	453	2135																	
STD CDN-PGMS-19	Standard	203	121	471																	
STD CDN-PGMS-19	Standard	193	115	470																	
STD CDN-PGMS-19	Standard	241	108	471																	
STD CDN-PGMS-23	Standard	518	456	2069																	
STD CDN-PGMS-19	Standard	258	107	468																	
STD CDN-PGMS-23	Standard	531	507	1837																	
STD CDN-PGMS-19	Standard	211	113	492																	
STD CDN-PGMS-23	Standard	528	465	2180																	
STD CDN-PGMS-19	Standard	230	112	492																	
STD CDN-PGMS-23	Standard	473	466	2149																	

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		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
581985	Soil	0.058	10	24	0.72	184	0.136	<20	1.85	0.02	0.09	<2	<0.05	<1	<5	<5	<5
REP 581985	QC	0.058	10	25	0.73	188	0.138	<20	1.86	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5667953	Soil	0.045	26	25	0.63	425	0.076	<20	1.72	0.02	0.10	<2	0.05	<1	<5	<5	7
REP E5667953	QC																
581803	Soil	0.047	10	24	0.55	142	0.096	<20	1.70	0.01	0.07	<2	<0.05	<1	<5	<5	<5
REP 581803	QC	0.047	10	24	0.57	145	0.101	<20	1.75	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22805	Soil	0.019	6	13	0.28	67	0.089	<20	0.82	0.02	0.07	<2	<0.05	<1	<5	<5	<5
REP 22805	QC																
619831	Soil	0.017	17	27	0.46	332	0.059	<20	1.59	0.02	0.12	<2	<0.05	<1	<5	<5	<5
REP 619831	QC																
Reference Materials																	
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
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STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000273.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD DS10	Standard				14	161	154	397	2.1	77	13	923	2.97	47	8	72	2.5	7	14	46	1.13
STD DS10	Standard				15	156	153	378	2.0	75	13	897	2.91	47	7	68	2.4	9	10	44	1.11
STD DS10	Standard				14	152	145	365	1.8	73	13	893	2.82	45	8	66	2.5	7	11	43	1.13
STD DS10	Standard				13	152	143	364	1.8	71	12	875	2.73	41	8	64	2.5	8	10	42	1.05
STD DS10	Standard				12	148	142	361	1.8	71	12	881	2.71	45	7	63	2.4	8	13	42	1.05
STD DS10	Standard				14	145	150	361	1.7	72	12	877	2.72	42	6	68	2.4	7	11	44	1.06
STD DS10	Standard				14	151	149	370	1.9	74	12	902	2.77	49	7	69	2.4	7	11	44	1.09
STD DS10	Standard				12	153	147	371	1.9	75	13	903	2.76	44	8	64	2.6	7	11	44	1.07
STD DS10	Standard				13	143	140	341	2.0	69	12	844	2.57	41	7	59	2.5	7	10	40	0.96
STD DS10	Standard				13	153	149	372	1.6	74	12	901	2.79	45	7	67	2.4	7	12	43	1.07
STD OREAS45EA	Standard				2	737	13	34	0.5	424	57	439	25.34	11	10	4	<0.5	<3	<3	320	0.04
STD OREAS45EA	Standard				2	738	12	33	0.5	418	56	433	25.12	11	8	4	<0.5	<3	4	320	0.03
STD OREAS45EA	Standard				2	740	10	28	0.5	396	55	421	23.69	12	11	3	1.0	<3	<3	320	0.03
STD OREAS45EA	Standard				2	724	11	26	0.5	383	53	418	23.25	12	11	3	0.9	<3	<3	313	0.03
STD OREAS45EA	Standard				2	713	8	26	0.5	380	53	418	22.91	11	11	3	<0.5	<3	<3	316	0.03
STD OREAS45EA	Standard				2	716	15	30	<0.3	391	53	410	22.67	6	7	4	<0.5	<3	<3	305	0.04
STD OREAS45EA	Standard				2	721	13	30	<0.3	392	53	415	22.67	5	7	4	<0.5	<3	<3	310	0.04
STD OREAS45EA	Standard				2	723	10	31	0.4	379	54	416	23.27	10	12	3	<0.5	<3	<3	310	0.03
STD OREAS45EA	Standard				2	692	11	28	0.4	365	52	402	22.00	11	11	3	<0.5	<3	<3	302	0.03
STD OREAS45EA	Standard				2	725	19	29	<0.3	395	54	419	22.80	5	7	4	<0.5	<3	<3	314	0.04
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-19 Expected		230	108	476																	
STD CDN-PGMS-23 Expected		496	456	2032																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000273.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD DS10	Standard	0.081	18	56	0.83	444	0.085	<20	1.12	0.08	0.36	<2	0.29	<1	6	<5	<5
STD DS10	Standard	0.079	17	54	0.81	441	0.080	<20	1.07	0.07	0.35	3	0.29	<1	<5	<5	<5
STD DS10	Standard	0.074	17	57	0.82	420	0.084	<20	1.08	0.07	0.33	3	0.29	<1	<5	<5	<5
STD DS10	Standard	0.072	16	55	0.81	420	0.078	<20	1.04	0.07	0.32	3	0.27	<1	5	<5	<5
STD DS10	Standard	0.072	15	54	0.81	418	0.075	<20	1.02	0.07	0.32	3	0.27	<1	6	<5	<5
STD DS10	Standard	0.073	17	55	0.77	419	0.083	<20	1.07	0.07	0.34	3	0.28	<1	6	<5	<5
STD DS10	Standard	0.075	17	53	0.79	428	0.083	<20	1.08	0.07	0.34	3	0.29	<1	6	<5	<5
STD DS10	Standard	0.074	16	57	0.82	425	0.080	<20	1.05	0.07	0.33	2	0.28	<1	6	<5	<5
STD DS10	Standard	0.070	15	53	0.76	400	0.071	<20	0.95	0.06	0.31	3	0.26	<1	<5	<5	<5
STD DS10	Standard	0.075	16	54	0.78	438	0.078	<20	1.06	0.07	0.34	3	0.29	<1	<5	<5	<5
STD OREAS45EA	Standard	0.033	8	936	0.10	153	0.108	<20	3.69	0.02	0.06	<2	<0.05	<1	12	<5	91
STD OREAS45EA	Standard	0.032	8	933	0.10	153	0.105	<20	3.52	0.02	0.06	<2	<0.05	<1	12	<5	90
STD OREAS45EA	Standard	0.030	8	984	0.10	151	0.108	<20	3.63	0.02	0.06	<2	<0.05	<1	<5	9	90
STD OREAS45EA	Standard	0.029	7	948	0.10	149	0.106	<20	3.45	0.02	0.05	<2	<0.05	<1	<5	7	87
STD OREAS45EA	Standard	0.029	7	949	0.09	150	0.103	<20	3.36	0.02	0.05	<2	<0.05	<1	<5	7	87
STD OREAS45EA	Standard	0.029	8	887	0.10	145	0.105	<20	3.40	0.01	0.05	<2	<0.05	<1	<5	18	84
STD OREAS45EA	Standard	0.029	7	895	0.09	146	0.104	<20	3.40	0.01	0.05	<2	<0.05	<1	<5	13	84
STD OREAS45EA	Standard	0.029	7	947	0.10	147	0.103	<20	3.42	0.02	0.05	<2	<0.05	<1	<5	5	86
STD OREAS45EA	Standard	0.029	7	914	0.09	145	0.099	<20	3.25	0.02	0.05	<2	<0.05	<1	<5	7	83
STD OREAS45EA	Standard	0.030	8	902	0.09	150	0.103	<20	3.36	0.01	0.06	<2	<0.05	<1	<5	11	85
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																	
STD CDN-PGMS-23 Expected																	
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000273.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	<2																	
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Whitehorse Yukon Y1A 5Y9 Canada

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QUALITY CONTROL REPORT WHI17000273.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 04, 2017
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI17000274.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	318	Dry at 60C			WHI
SS80	318	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	318	Save all or part of Soil Reject			WHI
FA330	313	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	318	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	318	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	318	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
619832	Soil	11	<3	<2	2	16	12	27	0.5	9	4	190	1.46	14	4	38	<0.5	<3	<3	33	0.42
1173419	Soil	9	<3	3	<1	26	18	53	<0.3	25	12	302	3.21	11	6	34	<0.5	<3	<3	80	0.39
1173420	Soil	8	<3	<2	<1	20	13	55	<0.3	23	11	365	3.56	17	10	23	<0.5	<3	<3	75	0.28
1173421	Soil	17	<3	2	2	21	25	67	0.4	21	8	329	3.14	42	4	25	0.5	<3	<3	72	0.27
1173422	Soil	13	<3	<2	2	11	14	67	0.4	10	5	345	1.85	30	<2	15	<0.5	<3	<3	45	0.16
1173423	Soil	10	<3	3	3	12	25	57	<0.3	10	5	212	3.32	105	4	11	<0.5	<3	<3	86	0.10
1173424	Soil	29	<3	5	3	16	22	50	<0.3	13	9	653	2.34	40	6	25	<0.5	<3	<3	48	0.24
1173425	Soil	4	<3	<2	3	9	16	28	<0.3	13	4	194	1.31	17	<2	14	<0.5	<3	<3	35	0.14
581113	Soil	7	<3	2	<1	23	7	51	<0.3	17	9	349	2.61	106	4	47	<0.5	<3	<3	64	0.98
581114	Soil	6	<3	2	<1	26	5	50	<0.3	23	11	771	2.53	37	3	111	<0.5	<3	<3	58	2.69
581115	Soil	5	<3	<2	<1	30	5	46	<0.3	23	10	482	2.68	11	2	52	<0.5	<3	<3	67	1.03
581116	Soil	4	<3	2	<1	26	6	47	<0.3	22	11	450	2.74	9	3	50	<0.5	<3	<3	73	0.91
581117	Soil	4	<3	2	<1	24	4	40	<0.3	17	8	452	2.15	9	<2	55	<0.5	<3	<3	53	1.08
581119	Soil	5	<3	2	<1	20	4	43	<0.3	16	8	322	2.19	8	<2	42	<0.5	<3	<3	55	0.74
581120	Soil	5	4	3	1	18	5	43	<0.3	14	8	332	2.13	9	<2	45	<0.5	<3	<3	53	0.82
619855	Soil	7	<3	3	<1	31	9	43	0.3	18	10	509	2.79	186	5	80	<0.5	<3	<3	68	1.38
619856	Soil	6	<3	<2	<1	23	7	54	<0.3	16	11	687	3.24	75	9	44	<0.5	<3	<3	75	0.73
581821	Soil	9	<3	<2	<1	16	17	60	<0.3	13	11	352	3.45	47	6	16	<0.5	<3	<3	86	0.22
581822	Soil	13	<3	<2	<1	16	10	54	<0.3	14	10	414	3.19	76	6	24	<0.5	<3	<3	82	0.36
581823	Soil	7	<3	<2	<1	18	8	53	<0.3	17	10	326	3.04	38	3	31	<0.5	<3	<3	81	0.46
581824	Soil	8	<3	<2	<1	17	10	65	<0.3	18	11	378	3.15	25	5	31	<0.5	<3	<3	81	0.44
581825	Soil	10	<3	<2	<1	21	9	61	<0.3	18	12	510	3.22	32	6	37	<0.5	<3	<3	81	0.58
581826	Soil	12	<3	<2	<1	18	5	44	0.3	15	9	488	2.47	17	2	51	<0.5	<3	<3	68	0.77
581827	Soil	10	<3	<2	<1	19	4	44	<0.3	15	8	551	2.41	17	<2	53	<0.5	<3	<3	67	0.79
581828	Soil	8	<3	<2	<1	19	5	47	<0.3	16	10	489	2.55	19	2	47	<0.5	<3	<3	68	0.71
581829	Soil	5	<3	<2	<1	15	4	41	<0.3	16	7	247	2.36	11	2	34	<0.5	<3	<3	66	0.54
581830	Soil	13	<3	<2	<1	23	5	54	<0.3	21	12	477	2.94	15	3	42	<0.5	<3	<3	80	0.68
581831	Soil	6	<3	2	<1	18	5	46	<0.3	17	9	400	2.47	12	2	39	<0.5	<3	<3	65	0.69
581832	Soil	4	<3	<2	<1	19	4	46	<0.3	17	10	429	2.58	13	2	42	<0.5	<3	<3	71	0.70
581833	Soil	25	<3	<2	<1	13	9	55	<0.3	13	10	506	2.92	56	6	29	<0.5	<3	<3	71	0.51

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
619832	Soil		0.020	14	16	0.22	340	0.038	<20	0.98	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173419	Soil		0.013	18	50	0.79	193	0.149	<20	2.17	0.02	0.09	<2	<0.05	<1	<5	<5	9
1173420	Soil		0.025	19	35	0.67	216	0.108	<20	2.84	0.01	0.10	<2	<0.05	<1	<5	<5	6
1173421	Soil		0.024	11	41	0.51	286	0.072	<20	2.66	0.01	0.06	<2	<0.05	<1	<5	5	<5
1173422	Soil		0.035	7	19	0.22	168	0.050	<20	1.27	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173423	Soil		0.027	11	22	0.22	100	0.049	<20	1.42	<0.01	0.06	<2	<0.05	<1	<5	6	<5
1173424	Soil		0.022	13	25	0.32	323	0.035	<20	1.64	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173425	Soil		0.020	5	27	0.15	118	0.033	<20	0.75	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581113	Soil		0.065	13	25	0.75	183	0.109	<20	1.66	0.03	0.17	<2	<0.05	<1	<5	<5	6
581114	Soil		0.055	10	28	0.90	183	0.110	<20	1.67	0.06	0.10	<2	0.06	<1	<5	<5	<5
581115	Soil		0.052	9	31	0.63	186	0.107	<20	1.69	0.08	0.07	<2	0.06	<1	<5	<5	<5
581116	Soil		0.048	10	32	0.65	192	0.113	<20	1.73	0.04	0.05	<2	<0.05	<1	<5	<5	<5
581117	Soil		0.053	9	26	0.55	159	0.092	<20	1.37	0.04	0.06	<2	<0.05	<1	<5	<5	<5
581119	Soil		0.056	8	26	0.56	150	0.092	<20	1.43	0.04	0.05	<2	<0.05	<1	<5	<5	<5
581120	Soil		0.066	7	25	0.47	125	0.070	<20	1.23	0.03	0.05	<2	0.07	<1	<5	<5	<5
619855	Soil		0.054	21	23	0.68	366	0.103	<20	1.74	0.03	0.27	<2	0.05	<1	<5	<5	8
619856	Soil		0.062	21	24	0.73	315	0.124	<20	1.88	0.03	0.29	<2	<0.05	<1	<5	<5	8
581821	Soil		0.043	8	23	0.75	184	0.149	<20	2.52	0.01	0.19	<2	<0.05	<1	<5	<5	<5
581822	Soil		0.044	14	24	0.87	208	0.149	<20	2.13	0.01	0.15	<2	<0.05	<1	<5	<5	5
581823	Soil		0.035	11	29	0.82	214	0.155	<20	2.11	0.02	0.08	<2	<0.05	<1	<5	<5	6
581824	Soil		0.034	11	29	0.71	257	0.136	<20	2.12	0.03	0.10	<2	<0.05	<1	<5	<5	5
581825	Soil		0.060	17	30	0.86	341	0.161	<20	2.05	0.03	0.23	<2	<0.05	<1	<5	<5	8
581826	Soil		0.052	13	25	0.60	262	0.109	<20	1.52	0.03	0.08	<2	<0.05	<1	<5	<5	<5
581827	Soil		0.052	12	24	0.59	278	0.109	<20	1.50	0.03	0.09	<2	<0.05	<1	<5	<5	<5
581828	Soil		0.053	11	26	0.63	242	0.112	<20	1.73	0.03	0.09	<2	<0.05	<1	<5	<5	<5
581829	Soil		0.041	8	26	0.60	138	0.137	<20	1.57	0.03	0.07	<2	<0.05	<1	<5	<5	<5
581830	Soil		0.052	12	33	0.71	207	0.136	<20	1.90	0.04	0.08	<2	<0.05	<1	<5	<5	6
581831	Soil		0.058	10	26	0.63	185	0.117	<20	1.59	0.03	0.10	<2	<0.05	<1	<5	<5	<5
581832	Soil		0.054	9	28	0.63	175	0.117	<20	1.68	0.03	0.07	<2	<0.05	<1	<5	<5	<5
581833	Soil		0.083	16	20	0.74	203	0.128	<20	1.55	0.03	0.20	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581834	Soil	6	<3	<2	<1	15	21	54	0.3	12	10	325	2.94	167	4	36	<0.5	<3	<3	79	0.60
581835	Soil	7	4	3	<1	19	21	61	0.5	15	13	1120	3.25	115	5	40	<0.5	<3	<3	81	0.70
581836	Soil	4	<3	<2	<1	22	8	56	<0.3	17	12	440	3.20	20	6	30	<0.5	<3	<3	83	0.49
581837	Soil	6	<3	3	<1	21	8	42	<0.3	14	8	336	2.13	14	3	41	<0.5	<3	<3	49	0.68
581838	Soil	3	<3	<2	<1	17	3	31	<0.3	10	6	202	2.16	7	3	23	<0.5	<3	<3	51	0.34
581839	Soil	3	<3	<2	<1	25	7	60	<0.3	17	15	680	3.62	15	6	23	<0.5	<3	<3	97	0.39
581840	Soil	3	<3	<2	2	16	8	51	<0.3	14	11	411	3.82	34	4	18	<0.5	<3	<3	114	0.25
581841	Soil	5	<3	<2	<1	22	7	55	<0.3	15	13	424	3.90	154	9	24	<0.5	<3	<3	94	0.37
1173951	Soil	425	<3	<2	<1	18	8	48	<0.3	15	9	265	2.69	34	3	19	<0.5	<3	<3	70	0.31
1173952	Soil	5	<3	<2	<1	19	8	51	<0.3	16	9	297	2.86	36	4	20	<0.5	<3	<3	73	0.34
1173953	Soil	22	<3	<2	<1	17	9	47	0.3	16	9	264	2.76	64	<2	23	<0.5	<3	<3	73	0.31
1173954	Soil	57	<3	<2	<1	20	31	81	0.7	19	12	448	3.42	152	4	32	<0.5	<3	<3	83	0.50
1173955	Soil	23	<3	2	<1	21	21	61	0.3	17	10	371	2.96	55	5	31	<0.5	<3	<3	72	0.53
1173956	Soil	15	<3	<2	<1	15	11	39	0.4	13	6	218	1.95	31	2	27	<0.5	<3	<3	49	0.41
1173957	Soil	18	<3	3	<1	19	10	45	<0.3	18	9	307	2.59	24	3	32	<0.5	<3	<3	69	0.53
1173958	Soil	11	<3	3	<1	32	5	52	<0.3	25	11	459	2.84	9	3	48	<0.5	<3	<3	72	1.17
1173959	Soil	8	<3	3	<1	29	4	48	<0.3	25	10	440	2.72	8	3	40	<0.5	<3	<3	73	0.77
1173960	Soil	7	<3	2	<1	25	4	42	<0.3	22	10	388	2.61	7	3	37	<0.5	<3	<3	73	0.69
1173961	Soil	7	<3	3	<1	28	4	49	<0.3	24	10	412	2.67	6	2	49	<0.5	<3	<3	71	1.24
1173962	Soil	4	<3	3	<1	29	4	52	<0.3	25	11	457	2.77	7	3	51	<0.5	<3	<3	74	1.08
1173963	Soil	7	<3	3	<1	18	5	46	<0.3	18	10	509	2.52	11	3	44	<0.5	<3	<3	68	0.85
1173964	Soil	3	<3	<2	<1	13	6	42	<0.3	11	8	261	2.73	17	4	20	<0.5	<3	<3	70	0.30
1173965	Soil	5	<3	<2	<1	22	12	50	<0.3	16	11	432	2.89	19	6	28	<0.5	<3	<3	74	0.48
1173966	Soil	9	<3	<2	<1	17	8	48	<0.3	15	8	273	2.50	19	2	30	<0.5	<3	<3	66	0.51
1173967	Soil	3	<3	<2	<1	15	15	47	0.3	12	9	486	2.35	51	3	26	<0.5	<3	<3	57	0.43
1173968	Soil	3	<3	<2	<1	12	23	68	<0.3	9	8	305	2.62	20	3	12	<0.5	<3	<3	71	0.18
1173969	Soil	4	<3	<2	<1	21	6	49	<0.3	21	12	397	3.34	26	7	26	<0.5	<3	<3	85	0.38
1173970	Soil	22	<3	<2	<1	32	177	97	1.2	16	15	718	4.65	479	12	31	<0.5	<3	4	102	0.36
1173971	Soil	3	<3	<2	2	19	6	70	<0.3	10	14	699	4.41	40	20	14	<0.5	<3	<3	94	0.20
1173972	Soil	2	<3	<2	2	19	6	72	<0.3	10	15	710	4.52	42	21	14	<0.5	<3	<3	97	0.21

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581834	Soil		0.045	10	21	0.77	190	0.156	<20	1.96	0.02	0.17	<2	<0.05	<1	<5	<5	5
581835	Soil		0.063	16	25	0.82	313	0.148	<20	2.27	0.02	0.21	<2	<0.05	<1	<5	<5	8
581836	Soil		0.047	13	29	0.88	233	0.199	<20	2.33	0.02	0.21	<2	<0.05	<1	<5	<5	6
581837	Soil		0.047	11	22	0.54	183	0.123	<20	1.67	0.02	0.18	<2	<0.05	<1	<5	<5	<5
581838	Soil		0.028	11	18	0.40	141	0.109	<20	1.42	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581839	Soil		0.053	14	27	1.04	196	0.220	<20	2.51	0.02	0.41	<2	<0.05	<1	<5	<5	6
581840	Soil		0.030	7	29	0.85	135	0.209	<20	2.59	<0.01	0.22	<2	<0.05	<1	<5	<5	<5
581841	Soil		0.043	17	26	0.88	230	0.141	<20	2.41	0.01	0.20	<2	<0.05	<1	<5	<5	8
1173951	Soil		0.051	9	25	0.66	126	0.133	<20	1.97	0.02	0.13	<2	<0.05	<1	<5	<5	<5
1173952	Soil		0.051	9	26	0.71	139	0.145	<20	2.09	0.01	0.13	<2	<0.05	<1	<5	<5	<5
1173953	Soil		0.040	8	26	0.63	162	0.116	<20	1.93	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1173954	Soil		0.053	15	32	0.83	338	0.154	<20	2.49	0.02	0.19	<2	<0.05	<1	<5	<5	7
1173955	Soil		0.054	12	29	0.80	262	0.163	<20	2.01	0.03	0.23	<2	<0.05	<1	<5	<5	6
1173956	Soil		0.038	7	22	0.47	147	0.102	<20	1.40	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173957	Soil		0.052	11	30	0.64	185	0.135	<20	1.79	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173958	Soil		0.060	11	32	0.80	167	0.129	<20	1.73	0.07	0.06	<2	<0.05	<1	<5	<5	5
1173959	Soil		0.069	10	31	0.74	142	0.133	<20	1.58	0.05	0.09	<2	<0.05	<1	<5	<5	<5
1173960	Soil		0.060	10	30	0.66	142	0.133	<20	1.58	0.04	0.08	<2	<0.05	<1	<5	<5	<5
1173961	Soil		0.069	10	30	0.76	147	0.131	<20	1.56	0.05	0.09	<2	<0.05	<1	<5	<5	<5
1173962	Soil		0.072	10	32	0.80	157	0.128	<20	1.63	0.06	0.08	<2	<0.05	<1	<5	<5	<5
1173963	Soil		0.060	9	29	0.65	149	0.114	<20	1.56	0.04	0.09	<2	<0.05	<1	<5	<5	<5
1173964	Soil		0.034	10	20	0.62	116	0.156	<20	1.84	0.02	0.17	<2	<0.05	<1	<5	<5	<5
1173965	Soil		0.047	15	26	0.74	206	0.166	<20	2.08	0.02	0.15	<2	<0.05	<1	<5	<5	6
1173966	Soil		0.037	8	25	0.66	152	0.144	<20	1.80	0.02	0.10	<2	<0.05	<1	<5	<5	<5
1173967	Soil		0.045	11	20	0.50	175	0.096	<20	1.60	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173968	Soil		0.026	7	16	0.61	77	0.151	<20	1.64	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1173969	Soil		0.032	14	30	0.86	219	0.178	<20	2.41	0.02	0.14	<2	<0.05	<1	<5	<5	6
1173970	Soil		0.031	27	30	1.15	319	0.163	<20	2.63	0.02	0.28	<2	<0.05	<1	<5	<5	14
1173971	Soil		0.038	26	16	1.17	196	0.151	<20	2.15	<0.01	0.76	<2	<0.05	<1	<5	<5	10
1173972	Soil		0.041	27	17	1.20	203	0.154	<20	2.20	<0.01	0.78	<2	<0.05	<1	<5	<5	10

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Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173973	Soil	8	3	6	<1	22	12	56	<0.3	16	15	469	3.85	151	11	28	<0.5	<3	<3	88	0.48
1173974	Soil	5	<3	3	<1	35	6	55	<0.3	26	11	472	2.75	27	3	51	<0.5	<3	<3	68	0.96
1173975	Soil	5	<3	2	<1	30	5	48	<0.3	23	10	432	2.74	17	2	48	<0.5	<3	<3	67	0.90
1173976	Soil	5	<3	2	<1	34	5	49	<0.3	26	10	434	2.62	8	2	48	<0.5	<3	<3	69	1.04
90103	Soil	I.S.	I.S.	I.S.	<1	21	4	33	<0.3	10	4	1626	0.76	8	<2	112	<0.5	<3	3	13	1.53
90104	Soil	6	<3	2	<1	18	8	49	<0.3	18	10	609	2.65	16	3	30	<0.5	<3	<3	62	0.42
90105	Soil	8	4	5	2	21	4	21	<0.3	11	20	3930	2.14	13	<2	50	<0.5	<3	4	46	0.61
90106	Soil	3	<3	<2	<1	14	8	46	<0.3	13	8	480	2.82	32	3	18	<0.5	<3	<3	64	0.25
90107	Soil	3	<3	<2	<1	19	7	55	<0.3	22	11	426	3.13	12	6	31	<0.5	<3	<3	78	0.45
90108	Soil	4	<3	<2	<1	16	6	54	0.4	19	8	241	2.83	15	<2	17	<0.5	<3	<3	73	0.20
90109	Soil	5	<3	2	<1	13	4	46	<0.3	9	5	487	1.72	7	<2	28	<0.5	<3	<3	47	0.35
90110	Soil	17	<3	7	1	24	6	25	<0.3	12	21	3726	2.06	14	2	57	<0.5	<3	4	42	0.74
90111	Soil	6	<3	3	<1	16	10	52	<0.3	16	8	378	2.58	19	2	33	<0.5	<3	3	65	0.46
90112	Soil	32	<3	<2	<1	16	10	52	<0.3	15	10	667	2.60	14	<2	37	<0.5	<3	<3	61	0.50
90113	Soil	7	<3	<2	<1	20	9	69	<0.3	19	11	590	2.96	57	5	31	<0.5	<3	<3	75	0.49
90079	Soil	12	<3	6	1	21	<3	20	<0.3	8	5	1327	0.93	9	<2	70	<0.5	<3	3	21	0.93
90080	Soil	4	<3	3	<1	13	3	19	<0.3	6	2	179	1.05	8	<2	32	<0.5	<3	<3	30	0.41
90081	Soil	13	<3	2	<1	22	10	58	<0.3	20	9	468	3.01	37	5	31	<0.5	<3	<3	78	0.51
90082	Soil	3	<3	<2	<1	11	<3	31	<0.3	7	4	222	1.27	16	<2	16	<0.5	<3	<3	33	0.18
22772	Soil	8	<3	<2	1	16	8	55	<0.3	18	10	534	2.81	111	<2	25	<0.5	<3	<3	68	0.37
22773	Soil	3	<3	<2	<1	18	7	46	<0.3	16	8	423	2.63	5	<2	17	<0.5	<3	<3	63	0.22
22774	Soil	5	<3	<2	<1	18	6	47	<0.3	17	8	411	2.57	6	<2	17	<0.5	<3	<3	64	0.22
22775	Soil	7	<3	2	<1	23	5	50	<0.3	23	10	400	2.85	22	3	22	<0.5	<3	<3	71	0.36
1549600	Soil	6	<3	<2	1	17	17	44	<0.3	17	8	410	2.76	52	<2	23	<0.5	<3	<3	71	0.29
90155	Soil	12	<3	3	<1	16	13	51	<0.3	18	10	369	3.10	96	2	22	<0.5	<3	<3	71	0.33
90156	Soil	28	<3	<2	<1	18	13	59	<0.3	19	11	533	3.13	43	4	26	<0.5	<3	<3	77	0.44
E5667910	Soil	6	<3	2	2	22	11	61	<0.3	14	9	527	3.07	6	10	52	<0.5	<3	<3	54	0.71
E5667911	Soil	9	<3	3	2	20	12	58	<0.3	15	9	531	2.90	7	12	34	<0.5	<3	<3	52	0.44
E5667912	Soil	3	<3	<2	1	12	9	40	<0.3	11	6	216	2.03	5	5	26	<0.5	<3	<3	44	0.31
E5667913	Soil	5	<3	<2	2	16	12	47	<0.3	14	8	534	2.64	8	3	38	<0.5	<3	<3	61	0.46

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173973	Soil	0.052	29	22	1.06	200	0.134	<20	2.20	0.02	0.32	<2	<0.05	<1	<5	<5	9
1173974	Soil	0.053	11	31	0.75	190	0.119	<20	1.67	0.05	0.06	<2	<0.05	<1	<5	<5	5
1173975	Soil	0.053	11	30	0.74	176	0.112	<20	1.70	0.05	0.06	<2	<0.05	<1	<5	<5	<5
1173976	Soil	0.062	10	30	0.70	162	0.115	<20	1.57	0.05	0.07	<2	<0.05	<1	<5	<5	<5
90103	Soil	0.131	20	9	0.21	303	0.013	<20	0.64	0.01	0.06	<2	0.20	<1	<5	<5	<5
90104	Soil	0.063	15	29	0.63	233	0.095	<20	2.06	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90105	Soil	0.133	16	19	0.20	290	0.024	<20	0.90	0.02	0.04	<2	0.12	<1	<5	<5	<5
90106	Soil	0.040	8	24	0.50	129	0.094	<20	1.99	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90107	Soil	0.048	12	33	0.77	211	0.150	<20	2.52	0.02	0.08	<2	<0.05	<1	<5	<5	<5
90108	Soil	0.020	6	29	0.49	112	0.110	<20	2.29	0.01	0.05	<2	<0.05	<1	<5	<5	<5
90109	Soil	0.031	4	15	0.25	128	0.068	<20	0.94	0.02	0.05	<2	<0.05	<1	<5	<5	<5
90110	Soil	0.093	25	16	0.26	264	0.034	<20	1.10	0.02	0.04	<2	0.09	<1	<5	<5	<5
90111	Soil	0.053	9	26	0.55	193	0.087	<20	1.84	0.02	0.06	<2	<0.05	<1	<5	7	<5
90112	Soil	0.060	16	26	0.57	215	0.091	<20	1.93	0.01	0.08	<2	<0.05	<1	<5	7	<5
90113	Soil	0.071	17	29	0.73	216	0.127	<20	2.01	0.02	0.13	3	<0.05	<1	<5	7	6
90079	Soil	0.112	17	9	0.16	206	0.016	<20	0.58	0.02	0.03	<2	0.15	<1	<5	<5	<5
90080	Soil	0.045	5	9	0.14	102	0.036	<20	0.52	0.02	0.03	<2	<0.05	<1	<5	<5	<5
90081	Soil	0.065	16	32	0.67	185	0.149	<20	1.80	0.03	0.11	2	<0.05	<1	<5	5	6
90082	Soil	0.029	3	9	0.14	81	0.043	<20	0.67	0.02	0.03	<2	<0.05	<1	<5	<5	<5
22772	Soil	0.059	9	25	0.54	153	0.084	<20	1.86	0.02	0.05	<2	<0.05	<1	<5	7	<5
22773	Soil	0.049	10	24	0.49	140	0.087	<20	1.84	0.01	0.05	<2	<0.05	<1	<5	6	<5
22774	Soil	0.047	10	25	0.50	135	0.089	<20	1.85	0.01	0.05	<2	<0.05	<1	<5	<5	<5
22775	Soil	0.051	10	31	0.69	173	0.131	<20	1.97	0.02	0.08	<2	<0.05	<1	<5	6	<5
1549600	Soil	0.046	8	25	0.48	195	0.095	<20	1.82	0.01	0.04	<2	<0.05	<1	<5	7	<5
90155	Soil	0.048	8	29	0.60	116	0.120	<20	2.29	0.02	0.06	<2	<0.05	<1	<5	5	<5
90156	Soil	0.069	14	28	0.65	181	0.145	<20	1.96	0.02	0.10	<2	<0.05	<1	<5	6	<5
E5667910	Soil	0.049	45	24	0.66	359	0.086	<20	2.21	0.02	0.18	<2	<0.05	<1	<5	6	7
E5667911	Soil	0.032	36	23	0.69	272	0.098	<20	1.86	0.02	0.17	<2	<0.05	<1	<5	6	<5
E5667912	Soil	0.014	13	19	0.48	177	0.088	<20	1.31	0.02	0.13	<2	<0.05	<1	<5	<5	<5
E5667913	Soil	0.019	11	26	0.47	268	0.087	<20	1.75	0.02	0.12	<2	<0.05	<1	<5	7	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5667914	Soil	6	<3	<2	2	15	12	57	<0.3	12	7	246	2.85	6	5	20	<0.5	<3	<3	65	0.23
E5667915	Soil	4	<3	<2	1	27	14	62	<0.3	29	12	279	3.66	10	3	14	<0.5	<3	<3	82	0.17
E5667916	Soil	4	<3	<2	1	11	13	39	<0.3	5	3	112	1.83	6	3	6	<0.5	<3	<3	45	0.06
1173895	Soil	9	<3	2	1	20	9	39	<0.3	11	8	648	1.83	13	<2	122	<0.5	<3	<3	37	1.54
1173896	Soil	6	<3	<2	1	15	10	61	<0.3	16	8	385	2.84	11	8	49	<0.5	<3	<3	58	0.63
1173897	Soil	6	<3	3	1	24	11	63	<0.3	20	10	442	3.20	7	11	50	<0.5	<3	<3	61	0.62
1173898	Soil	6	<3	<2	2	28	10	52	<0.3	15	9	462	2.92	5	8	54	<0.5	<3	<3	49	0.63
1173899	Soil	5	<3	<2	1	28	11	52	<0.3	15	9	416	2.89	4	7	56	<0.5	<3	<3	48	0.65
1173900	Soil	3	<3	<2	1	17	10	57	<0.3	11	8	388	2.87	5	13	33	<0.5	<3	<3	51	0.44
1549630	Soil	17	<3	11	2	11	8	44	0.4	5	4	760	0.66	13	<2	81	1.6	<3	<3	11	1.42
1549631	Soil	9	<3	<2	1	23	10	50	<0.3	14	8	421	2.54	41	3	35	<0.5	<3	<3	62	0.51
1549632	Soil	10	<3	<2	1	21	10	71	<0.3	17	13	624	3.34	62	5	33	<0.5	<3	<3	86	0.55
1549633	Soil	6	<3	<2	2	23	10	60	<0.3	14	14	1160	2.96	77	5	57	<0.5	<3	<3	71	0.94
1549634	Soil	8	<3	<2	<1	15	7	53	<0.3	13	10	474	2.62	28	2	26	<0.5	<3	<3	67	0.41
1549635	Soil	8	4	<2	<1	15	9	63	<0.3	14	9	348	2.83	30	4	27	<0.5	<3	<3	72	0.40
1549636	Soil	5	4	<2	<1	14	8	54	<0.3	11	8	462	2.49	25	<2	17	<0.5	<3	<3	68	0.25
1549637	Soil	6	<3	2	<1	14	7	55	<0.3	12	10	430	2.30	26	<2	23	<0.5	<3	<3	57	0.36
1549638	Soil	10	4	2	<1	11	7	34	<0.3	8	4	118	1.40	12	<2	16	<0.5	<3	<3	33	0.21
1549639	Soil	6	<3	2	<1	11	5	35	<0.3	8	4	121	1.38	11	<2	17	<0.5	<3	<3	33	0.23
1549640	Soil	I.S.	I.S.	I.S.	<1	10	4	55	<0.3	6	11	1156	0.77	5	<2	35	<0.5	<3	<3	12	0.78
619881	Soil	I.S.	I.S.	I.S.	<1	12	19	42	0.4	6	21	1079	1.43	25	<2	42	0.5	<3	<3	24	0.60
619882	Soil	7	<3	2	<1	12	14	56	<0.3	11	10	433	2.26	30	5	20	<0.5	<3	<3	54	0.29
619883	Soil	7	<3	<2	1	12	12	58	<0.3	13	10	456	2.57	33	3	21	<0.5	<3	<3	67	0.32
619884	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
619885	Soil	11	4	5	1	14	13	46	0.3	10	24	1126	1.78	24	<2	38	<0.5	<3	<3	40	0.53
619886	Soil	20	<3	2	<1	10	10	48	<0.3	10	8	291	2.00	23	3	18	<0.5	<3	<3	48	0.27
619887	Soil	8	<3	<2	<1	13	7	39	<0.3	11	5	156	2.03	12	<2	18	<0.5	<3	<3	42	0.23
619888	Soil	6	7	2	<1	9	<3	35	<0.3	9	5	163	1.83	11	<2	14	<0.5	<3	<3	42	0.17
619889	Soil	17	6	5	1	13	3	40	<0.3	11	6	181	1.86	8	<2	24	<0.5	<3	<3	37	0.32
619890	Soil	7	3	<2	1	8	5	34	<0.3	10	4	133	1.79	9	2	15	<0.5	<3	<3	39	0.20

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5667914	Soil	0.028	13	21	0.53	132	0.088	<20	1.81	0.01	0.12	<2	<0.05	<1	<5	7	<5
E5667915	Soil	0.026	8	38	0.60	107	0.113	<20	3.23	0.01	0.07	<2	<0.05	<1	<5	6	5
E5667916	Soil	0.017	8	12	0.21	43	0.071	<20	0.94	0.01	0.05	<2	<0.05	<1	<5	5	<5
1173895	Soil	0.074	21	17	0.43	344	0.053	<20	1.18	0.02	0.07	<2	0.11	<1	<5	<5	<5
1173896	Soil	0.041	25	27	0.70	231	0.128	<20	1.89	0.02	0.16	<2	<0.05	<1	<5	5	5
1173897	Soil	0.049	34	37	0.80	307	0.132	<20	2.31	0.02	0.19	2	<0.05	<1	<5	6	7
1173898	Soil	0.040	37	22	0.55	346	0.085	<20	2.26	0.02	0.15	<2	<0.05	<1	<5	6	7
1173899	Soil	0.040	38	23	0.55	354	0.085	<20	2.41	0.02	0.14	<2	<0.05	<1	<5	6	7
1173900	Soil	0.045	31	18	0.63	234	0.101	<20	1.78	0.02	0.19	<2	<0.05	<1	<5	<5	<5
1549630	Soil	0.124	17	5	0.18	184	0.010	<20	0.44	0.02	0.10	<2	0.16	<1	<5	<5	<5
1549631	Soil	0.041	18	19	0.53	211	0.108	<20	1.64	0.02	0.09	<2	<0.05	<1	<5	5	<5
1549632	Soil	0.054	16	24	0.83	233	0.161	<20	2.09	0.02	0.16	<2	<0.05	<1	<5	6	6
1549633	Soil	0.070	31	22	0.64	276	0.116	<20	1.95	0.02	0.12	<2	0.05	<1	<5	<5	6
1549634	Soil	0.046	12	21	0.61	175	0.125	<20	1.70	0.02	0.09	<2	<0.05	<1	<5	6	<5
1549635	Soil	0.041	11	25	0.71	164	0.141	<20	2.00	0.02	0.11	<2	<0.05	<1	<5	5	<5
1549636	Soil	0.041	7	21	0.52	98	0.108	<20	1.65	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1549637	Soil	0.050	12	20	0.55	143	0.103	<20	1.55	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549638	Soil	0.037	6	17	0.29	75	0.071	<20	0.98	0.01	0.04	<2	<0.05	<1	<5	<5	<5
1549639	Soil	0.038	6	17	0.28	78	0.067	<20	0.97	0.01	0.04	<2	<0.05	<1	<5	<5	<5
1549640	Soil	0.079	10	6	0.12	130	0.018	<20	0.49	0.03	0.05	<2	0.11	<1	<5	<5	<5
619881	Soil	0.092	16	8	0.11	158	0.014	<20	0.66	0.02	0.04	<2	0.12	<1	<5	<5	<5
619882	Soil	0.060	13	18	0.47	125	0.075	<20	1.42	0.02	0.07	<2	<0.05	<1	<5	<5	<5
619883	Soil	0.053	13	21	0.56	143	0.099	<20	1.61	0.02	0.09	<2	<0.05	<1	<5	<5	<5
619884	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
619885	Soil	0.078	16	13	0.29	167	0.044	<20	1.05	0.02	0.06	<2	0.09	<1	<5	<5	<5
619886	Soil	0.037	9	17	0.47	100	0.082	<20	1.33	0.01	0.07	<2	<0.05	<1	<5	<5	<5
619887	Soil	0.043	8	20	0.38	100	0.071	<20	1.41	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619888	Soil	0.032	6	16	0.29	75	0.068	<20	1.09	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619889	Soil	0.058	8	16	0.33	104	0.060	<20	1.21	0.01	0.05	<2	0.07	<1	<5	<5	<5
619890	Soil	0.044	8	17	0.32	76	0.070	<20	1.07	0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
619891	Soil		5	3	<2	<1	9	5	39	<0.3	10	5	144	1.95	7	<2	19	<0.5	<3	<3	47	0.26
619892	Soil		4	3	<2	<1	8	<3	33	<0.3	8	4	203	1.74	7	<2	24	<0.5	<3	<3	30	0.31
619893	Soil		7	6	<2	1	13	7	50	<0.3	12	7	257	1.94	13	<2	24	<0.5	<3	<3	45	0.31
619894	Soil		6	<3	<2	<1	11	7	54	<0.3	13	7	238	2.31	17	<2	20	<0.5	<3	<3	50	0.29
619895	Soil		11	6	3	<1	9	6	38	0.3	9	5	138	1.57	14	2	22	<0.5	<3	<3	37	0.26
619896	Soil		22	<3	<2	<1	13	13	51	0.4	11	6	259	2.14	38	2	20	<0.5	5	<3	57	0.25
619897	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
619898	Soil		8	5	<2	1	13	5	42	<0.3	11	6	241	1.88	15	2	22	<0.5	<3	<3	39	0.28
E5667917	Soil		4	<3	<2	<1	21	4	59	<0.3	16	8	233	3.41	6	5	12	<0.5	<3	<3	72	0.13
E5667918	Soil		4	<3	<2	<1	13	4	49	<0.3	10	6	308	2.16	3	9	17	<0.5	<3	<3	43	0.21
E5667919	Soil		<2	<3	<2	<1	6	<3	31	<0.3	3	2	144	1.10	<2	<2	7	<0.5	<3	<3	30	0.08
E5667920	Soil		<2	<3	<2	<1	7	<3	29	<0.3	6	3	127	1.15	4	3	14	<0.5	<3	<3	26	0.15
E5667921	Soil		2	<3	<2	1	19	7	64	<0.3	12	7	348	2.14	8	7	25	<0.5	<3	<3	45	0.31
E5667922	Soil		3	<3	<2	1	15	7	68	<0.3	12	7	361	2.23	8	7	26	<0.5	<3	<3	47	0.33
E5667923	Soil		4	<3	<2	2	13	8	57	<0.3	10	8	436	2.81	5	16	25	<0.5	<3	<3	46	0.35
E5667924	Soil		4	<3	<2	1	38	6	45	<0.3	16	9	704	2.70	5	10	43	<0.5	<3	<3	49	0.52
E5667925	Soil		4	4	<2	<1	12	6	56	<0.3	10	8	446	2.90	4	17	31	<0.5	<3	<3	50	0.44
E5667926	Soil		7	5	<2	1	14	6	54	<0.3	12	10	439	2.96	4	13	31	<0.5	<3	<3	60	0.39
E5667927	Soil		5	<3	2	<1	26	4	49	<0.3	16	9	477	2.81	6	9	66	<0.5	<3	<3	55	0.78
E5667928	Soil		4	<3	<2	1	23	3	53	<0.3	16	9	374	2.68	6	7	56	<0.5	<3	<3	58	0.75
E5667929	Soil		9	<3	2	<1	24	3	50	<0.3	16	10	513	2.61	5	6	49	<0.5	<3	<3	57	0.67
E5667930	Soil		6	<3	2	<1	17	5	57	<0.3	14	9	368	2.71	19	10	43	<0.5	<3	<3	58	0.58
E5670586	Soil		7	3	3	<1	18	7	54	<0.3	14	9	425	2.76	68	5	41	<0.5	<3	<3	69	0.62
E5670587	Soil		6	<3	3	1	18	7	61	<0.3	16	15	800	3.06	43	5	31	<0.5	<3	<3	77	0.44
E5670588	Soil		9	<3	4	<1	16	8	53	<0.3	13	10	395	2.83	50	5	23	<0.5	<3	<3	70	0.33
E5670589	Soil		17	<3	2	<1	14	5	57	<0.3	13	11	564	2.92	45	5	23	<0.5	<3	<3	77	0.35
E5670590	Soil		6	<3	2	<1	13	16	57	<0.3	12	10	410	2.47	31	<2	21	<0.5	<3	<3	67	0.29
E5670591	Soil		7	3	5	<1	12	17	58	<0.3	12	8	407	2.41	30	<2	20	<0.5	<3	<3	67	0.26
E5670592	Soil		15	<3	2	<1	10	13	64	<0.3	13	10	430	2.84	24	3	17	<0.5	<3	<3	72	0.28
E5670593	Soil		105	<3	2	<1	15	9	53	<0.3	14	8	314	2.50	20	<2	24	<0.5	<3	<3	68	0.33

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
619891	Soil		0.042	6	21	0.38	86	0.075	<20	1.29	0.01	0.04	<2	<0.05	<1	<5	<5	<5
619892	Soil		0.037	5	13	0.35	93	0.060	<20	1.15	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
619893	Soil		0.049	6	21	0.43	108	0.074	<20	1.36	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619894	Soil		0.045	8	24	0.53	102	0.096	<20	1.66	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619895	Soil		0.046	5	17	0.36	69	0.067	<20	1.07	0.02	0.04	<2	<0.05	<1	<5	<5	<5
619896	Soil		0.030	7	21	0.44	95	0.091	<20	1.37	0.01	0.05	<2	<0.05	<1	<5	5	<5
619897	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
619898	Soil		0.058	8	19	0.39	109	0.061	<20	1.25	0.02	0.04	<2	0.05	<1	<5	<5	<5
E5667917	Soil		0.022	12	28	0.51	92	0.117	<20	2.61	0.01	0.08	<2	<0.05	<1	<5	7	<5
E5667918	Soil		0.013	20	18	0.56	96	0.114	<20	1.42	0.01	0.19	<2	<0.05	<1	<5	<5	<5
E5667919	Soil		0.009	3	6	0.07	32	0.045	<20	0.50	0.02	0.02	<2	<0.05	<1	<5	<5	<5
E5667920	Soil		0.012	6	11	0.24	55	0.058	<20	0.75	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5667921	Soil		0.031	15	19	0.53	111	0.099	<20	1.41	0.02	0.15	<2	<0.05	<1	<5	6	<5
E5667922	Soil		0.033	17	21	0.57	109	0.103	<20	1.48	0.02	0.16	<2	<0.05	<1	<5	6	<5
E5667923	Soil		0.046	36	15	0.60	240	0.076	<20	1.62	0.02	0.14	<2	<0.05	<1	<5	<5	<5
E5667924	Soil		0.029	43	20	0.47	479	0.059	<20	1.91	0.02	0.11	<2	<0.05	<1	<5	5	7
E5667925	Soil		0.054	39	18	0.58	257	0.104	<20	1.64	0.02	0.19	<2	<0.05	<1	<5	<5	<5
E5667926	Soil		0.044	33	22	0.61	279	0.114	<20	1.81	0.02	0.18	<2	<0.05	<1	<5	<5	<5
E5667927	Soil		0.043	27	23	0.54	344	0.103	<20	1.88	0.03	0.12	<2	<0.05	<1	<5	<5	6
E5667928	Soil		0.050	19	23	0.62	210	0.106	<20	1.66	0.03	0.12	<2	<0.05	<1	<5	<5	5
E5667929	Soil		0.053	21	24	0.59	204	0.105	<20	1.65	0.03	0.10	<2	<0.05	<1	<5	<5	5
E5667930	Soil		0.048	22	25	0.67	155	0.125	<20	1.64	0.03	0.15	<2	<0.05	<1	<5	<5	5
E5670586	Soil		0.053	17	23	0.67	199	0.126	<20	1.90	0.02	0.11	<2	<0.05	<1	<5	6	5
E5670587	Soil		0.044	14	26	0.73	208	0.142	<20	2.07	0.02	0.11	<2	<0.05	<1	<5	5	5
E5670588	Soil		0.041	14	21	0.65	150	0.135	<20	1.83	0.02	0.10	<2	<0.05	<1	<5	6	5
E5670589	Soil		0.039	10	23	0.68	146	0.140	<20	1.90	0.02	0.08	<2	<0.05	<1	<5	6	<5
E5670590	Soil		0.040	9	20	0.58	126	0.118	<20	1.62	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670591	Soil		0.037	8	20	0.55	120	0.111	<20	1.55	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670592	Soil		0.036	8	22	0.65	103	0.140	<20	1.83	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670593	Soil		0.052	10	24	0.52	132	0.102	<20	1.77	0.01	0.05	<2	<0.05	<1	<5	<5	<5

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670594	Soil	11	<3	3	<1	12	15	60	<0.3	13	9	422	2.62	32	2	20	<0.5	<3	<3	65	0.30
E5670595	Soil	16	<3	<2	<1	12	15	60	<0.3	13	9	413	2.60	30	3	21	<0.5	<3	<3	65	0.30
E5670596	Soil	7	<3	2	<1	12	16	56	<0.3	13	10	378	2.46	31	<2	18	<0.5	<3	<3	59	0.26
E5670597	Soil	7	<3	3	<1	11	12	55	<0.3	13	8	334	2.53	28	<2	20	<0.5	<3	<3	64	0.27
E5670598	Soil	7	<3	2	<1	12	10	46	<0.3	12	6	163	2.24	18	<2	25	<0.5	<3	<3	48	0.33
E5670599	Soil	10	<3	<2	<1	11	18	64	<0.3	12	13	729	2.62	37	<2	20	<0.5	<3	<3	73	0.28
E5670600	Soil	16	<3	3	<1	11	8	38	<0.3	10	5	133	1.96	10	2	15	<0.5	<3	<3	47	0.18
E5670601	Soil	7	<3	4	<1	23	6	17	<0.3	7	3	102	2.22	6	<2	14	<0.5	<3	<3	42	0.11
E5670602	Soil	9	<3	3	<1	11	7	41	<0.3	11	5	130	2.00	7	<2	17	<0.5	<3	<3	49	0.22
E5670603	Soil	6	<3	3	<1	11	8	48	<0.3	13	6	234	2.51	10	<2	19	<0.5	<3	<3	70	0.27
E5670604	Soil	5	<3	2	<1	11	8	43	<0.3	12	6	225	2.37	10	<2	19	<0.5	<3	<3	65	0.25
E5670605	Soil	8	<3	<2	<1	11	8	47	<0.3	13	5	179	2.23	12	<2	19	<0.5	<3	<3	51	0.27
E5670606	Soil	172	<3	3	<1	15	9	47	<0.3	12	7	258	2.37	18	<2	23	<0.5	<3	<3	56	0.28
E5670607	Soil	8	<3	4	<1	12	12	48	<0.3	12	5	182	2.19	24	<2	20	<0.5	<3	<3	48	0.25
E5670608	Soil	9	<3	<2	<1	12	9	46	<0.3	11	6	228	2.09	25	<2	24	<0.5	<3	<3	51	0.32
E5670609	Soil	7	<3	<2	<1	13	11	48	<0.3	14	9	352	2.48	37	<2	19	<0.5	<3	<3	63	0.27
1173801	Soil	14	<3	2	<1	20	28	73	<0.3	20	13	575	3.24	134	5	23	<0.5	<3	<3	80	0.33
1173802	Soil	12	<3	2	<1	22	12	57	<0.3	19	9	226	2.72	45	4	24	<0.5	<3	<3	67	0.34
E5667931	Soil	7	<3	3	1	16	8	41	<0.3	12	5	200	2.17	7	<2	24	<0.5	<3	<3	49	0.30
E5667932	Soil	4	<3	2	1	13	10	54	<0.3	14	8	387	2.67	9	<2	27	<0.5	<3	<3	67	0.37
E5667933	Soil	6	<3	2	<1	13	10	58	<0.3	16	7	237	2.67	12	<2	26	<0.5	<3	<3	65	0.38
E5667934	Soil	6	<3	4	<1	14	8	49	<0.3	14	7	208	2.43	11	<2	29	<0.5	<3	<3	58	0.37
E5667935	Soil	14	<3	3	<1	17	9	58	<0.3	17	13	606	3.13	20	3	22	<0.5	<3	<3	82	0.32
E5667936	Soil	12	<3	2	<1	12	6	38	<0.3	11	5	177	1.98	11	<2	19	<0.5	<3	<3	51	0.25
E5667937	Soil	5	<3	2	<1	13	6	46	<0.3	13	6	228	2.29	10	<2	24	<0.5	<3	<3	59	0.32
E5667938	Soil	6	<3	<2	<1	16	6	49	<0.3	15	9	353	2.60	13	2	21	<0.5	<3	<3	68	0.32
E5667939	Soil	5	<3	<2	<1	17	9	56	<0.3	17	9	363	2.76	18	<2	24	<0.5	<3	<3	69	0.30
E5667940	Soil	7	<3	<2	<1	19	11	54	<0.3	16	8	304	2.81	22	3	20	<0.5	<3	<3	76	0.26
E5667941	Soil	7	<3	<2	<1	17	9	51	<0.3	16	9	293	2.72	14	4	22	<0.5	<3	<3	67	0.32
E5667942	Soil	13	<3	<2	<1	19	12	57	<0.3	18	10	370	2.91	57	6	25	<0.5	<3	<3	75	0.35

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670594	Soil	0.044	10	22	0.60	124	0.104	<20	1.74	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670595	Soil	0.046	10	22	0.60	125	0.102	<20	1.73	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670596	Soil	0.043	10	22	0.56	126	0.098	<20	1.73	0.01	0.07	<2	<0.05	<1	<5	<5	<5
E5670597	Soil	0.040	9	21	0.57	116	0.103	<20	1.75	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670598	Soil	0.039	7	21	0.49	110	0.086	<20	1.62	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670599	Soil	0.035	9	21	0.55	116	0.107	<20	1.54	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670600	Soil	0.021	7	19	0.42	77	0.097	<20	1.40	0.01	0.04	<2	<0.05	<1	<5	<5	<5
E5670601	Soil	0.048	8	18	0.16	86	0.048	<20	1.35	0.01	0.03	<2	<0.05	<1	<5	<5	<5
E5670602	Soil	0.039	7	20	0.44	86	0.094	<20	1.44	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670603	Soil	0.047	8	23	0.49	99	0.103	<20	1.59	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670604	Soil	0.045	8	22	0.46	105	0.095	<20	1.49	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670605	Soil	0.040	7	22	0.50	94	0.094	<20	1.62	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670606	Soil	0.051	8	21	0.46	115	0.084	<20	1.51	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670607	Soil	0.046	7	20	0.49	102	0.088	<20	1.49	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670608	Soil	0.046	8	20	0.49	104	0.086	<20	1.38	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670609	Soil	0.051	9	25	0.55	109	0.099	<20	1.67	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173801	Soil	0.043	9	30	0.73	155	0.133	<20	2.28	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173802	Soil	0.044	12	28	0.66	159	0.124	<20	2.03	0.02	0.06	<2	<0.05	<1	<5	<5	5
E5667931	Soil	0.053	10	21	0.45	148	0.096	<20	1.53	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5667932	Soil	0.055	9	24	0.60	155	0.127	<20	1.75	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5667933	Soil	0.056	9	26	0.67	148	0.131	<20	1.99	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5667934	Soil	0.048	8	22	0.57	138	0.112	<20	1.70	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5667935	Soil	0.040	11	28	0.70	167	0.149	<20	2.17	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5667936	Soil	0.031	8	20	0.47	108	0.093	<20	1.40	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5667937	Soil	0.036	10	21	0.59	147	0.108	<20	1.52	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5667938	Soil	0.044	11	23	0.63	136	0.125	<20	1.80	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5667939	Soil	0.045	10	27	0.68	174	0.115	<20	2.03	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5667940	Soil	0.035	10	25	0.67	117	0.148	<20	2.07	0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5667941	Soil	0.040	14	27	0.63	149	0.137	<20	2.04	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5667942	Soil	0.043	13	28	0.71	162	0.143	<20	2.07	0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5667943	Soil		9	<3	<2	<1	22	11	57	<0.3	17	11	525	3.00	43	5	35	<0.5	<3	<3	78	0.53
E5667944	Soil		19	<3	<2	<1	20	12	64	<0.3	18	11	560	3.29	75	7	25	<0.5	<3	<3	82	0.35
E5667945	Soil		40	<3	<2	<1	15	25	74	<0.3	14	11	724	3.21	233	4	20	<0.5	<3	<3	83	0.36
E5667946	Soil		11	<3	<2	<1	14	31	71	<0.3	13	11	760	2.93	125	5	24	<0.5	<3	<3	76	0.36
E5667947	Soil		22	7	<2	<1	15	20	77	<0.3	15	12	653	3.14	86	6	33	0.5	<3	<3	73	0.51
E5667948	Soil		14	<3	<2	<1	22	16	77	<0.3	16	14	949	3.22	134	4	41	<0.5	<3	<3	75	0.62
E5667949	Soil		37	<3	<2	<1	16	20	69	<0.3	13	15	916	3.19	157	7	31	<0.5	<3	<3	81	0.49
E5667950	Soil		39	3	<2	<1	22	14	53	<0.3	13	10	704	2.75	92	3	37	<0.5	<3	<3	67	0.55
E5667951	Soil		26	<3	2	<1	22	14	57	<0.3	13	10	654	2.85	99	3	37	<0.5	<3	<3	70	0.54
E5667952	Soil		8	<3	<2	<1	17	19	55	0.4	11	8	459	2.61	79	3	45	<0.5	<3	<3	58	0.66
90043	Soil		4	<3	<2	<1	8	<3	8	<0.3	3	4	153	0.80	<2	<2	19	<0.5	<3	<3	20	0.21
90044	Soil		10	5	3	7	24	8	13	0.4	9	50	4779	11.73	54	<2	60	<0.5	<3	<3	241	0.69
90045	Soil		5	<3	<2	<1	14	7	49	<0.3	13	6	342	2.18	9	<2	31	<0.5	<3	<3	52	0.43
90046	Soil		6	4	<2	2	14	4	21	<0.3	6	25	2227	2.47	10	<2	36	<0.5	<3	<3	47	0.46
90047	Soil		3	<3	<2	<1	13	5	24	<0.3	9	4	155	2.02	9	<2	26	<0.5	<3	<3	44	0.31
90048	Soil		6	4	<2	<1	17	8	35	<0.3	11	5	243	2.03	10	<2	27	<0.5	<3	<3	44	0.33
90049	Soil		<2	<3	<2	<1	9	4	21	<0.3	5	3	161	1.12	4	<2	18	<0.5	<3	<3	26	0.20
90050	Soil		96	<3	2	<1	18	9	50	<0.3	17	9	499	2.67	22	<2	27	<0.5	<3	<3	65	0.35
90051	Soil		6	<3	2	<1	8	3	16	<0.3	4	2	102	0.85	2	<2	18	<0.5	<3	<3	25	0.20
90052	Soil		3	<3	<2	<1	15	9	51	<0.3	16	9	528	2.59	13	3	26	<0.5	<3	<3	65	0.38
90053	Soil		7	<3	<2	<1	17	9	61	<0.3	19	9	617	2.91	26	3	32	<0.5	<3	<3	72	0.48
90054	Soil		12	8	5	2	32	13	60	<0.3	22	10	494	3.54	175	<2	56	<0.5	<3	<3	89	0.84
90055	Soil		9	<3	<2	<1	24	12	54	<0.3	22	11	385	3.50	127	3	29	<0.5	<3	<3	88	0.41
90056	Soil		14	7	4	<1	23	4	19	<0.3	11	5	885	0.97	26	<2	109	<0.5	<3	<3	21	1.53
90057	Soil		3	<3	<2	<1	27	7	93	<0.3	15	7	487	1.84	19	<2	26	0.8	<3	<3	48	0.27
90058	Soil		6	<3	<2	<1	32	12	68	<0.3	25	13	795	3.54	209	<2	39	<0.5	<3	<3	84	0.50
90059	Soil		6	<3	<2	<1	30	13	66	<0.3	24	13	846	3.43	222	<2	36	<0.5	<3	<3	81	0.48
90060	Soil		7	<3	3	1	19	8	26	<0.3	10	6	658	1.81	161	<2	48	<0.5	<3	<3	48	0.68
90157	Soil		14	<3	<2	<1	20	7	43	<0.3	18	9	414	2.52	13	<2	28	<0.5	<3	<3	62	0.38
90158	Soil		10	<3	<2	<1	22	9	53	<0.3	20	9	347	2.93	19	3	31	<0.5	<3	<3	76	0.50

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5667943	Soil	0.047	16	27	0.71	175	0.126	<20	2.02	0.02	0.08	<2	<0.05	<1	<5	<5	5
E5667944	Soil	0.037	17	28	0.80	194	0.115	<20	2.20	0.01	0.08	<2	<0.05	<1	<5	<5	5
E5667945	Soil	0.065	13	22	0.79	141	0.124	<20	1.79	0.01	0.17	<2	<0.05	<1	<5	<5	<5
E5667946	Soil	0.046	12	23	0.61	153	0.116	<20	1.89	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5667947	Soil	0.060	21	24	0.77	194	0.130	<20	1.99	0.02	0.13	<2	<0.05	<1	<5	<5	5
E5667948	Soil	0.072	19	26	0.69	307	0.118	<20	1.84	0.02	0.12	<2	<0.05	<1	<5	<5	7
E5667949	Soil	0.068	17	24	0.73	208	0.119	<20	1.88	0.02	0.14	<2	<0.05	<1	<5	<5	6
E5667950	Soil	0.059	19	21	0.56	221	0.093	<20	1.48	0.02	0.09	<2	<0.05	<1	<5	<5	6
E5667951	Soil	0.059	18	22	0.59	224	0.099	<20	1.55	0.02	0.10	<2	<0.05	<1	<5	<5	6
E5667952	Soil	0.047	31	17	0.51	312	0.068	<20	1.41	0.02	0.11	<2	<0.05	<1	<5	<5	6
90043	Soil	0.087	7	12	0.08	84	0.021	<20	0.39	0.02	0.02	<2	0.09	<1	<5	<5	<5
90044	Soil	0.147	38	18	0.10	344	0.025	<20	1.05	<0.01	0.02	<2	0.20	<1	<5	<5	<5
90045	Soil	0.065	13	21	0.52	232	0.090	<20	1.57	0.01	0.06	<2	0.06	<1	<5	<5	<5
90046	Soil	0.102	19	14	0.18	188	0.032	<20	0.83	0.02	0.03	<2	0.10	<1	<5	<5	<5
90047	Soil	0.061	13	17	0.30	128	0.058	<20	1.14	0.01	0.03	<2	0.07	<1	<5	<5	<5
90048	Soil	0.074	15	20	0.39	177	0.063	<20	1.48	0.02	0.05	<2	0.07	<1	<5	<5	<5
90049	Soil	0.037	10	9	0.19	101	0.047	<20	0.74	0.02	0.04	<2	<0.05	<1	<5	<5	<5
90050	Soil	0.053	12	26	0.60	178	0.099	<20	1.67	0.01	0.08	<2	<0.05	<1	<5	<5	<5
90051	Soil	0.038	3	9	0.09	61	0.026	<20	0.43	0.02	0.03	<2	<0.05	<1	<5	<5	<5
90052	Soil	0.058	14	26	0.63	188	0.107	<20	1.86	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90053	Soil	0.044	11	28	0.72	199	0.128	<20	1.88	0.01	0.09	<2	<0.05	<1	<5	<5	<5
90054	Soil	0.106	31	31	0.59	276	0.076	<20	2.45	0.01	0.09	<2	0.14	<1	<5	6	6
90055	Soil	0.064	15	34	0.67	211	0.101	<20	2.30	0.01	0.06	<2	<0.05	<1	<5	5	6
90056	Soil	0.129	45	12	0.19	283	0.018	<20	0.90	0.02	0.04	<2	0.18	<1	<5	<5	<5
90057	Soil	0.051	6	18	0.28	152	0.051	<20	1.19	0.02	0.04	<2	0.05	<1	<5	<5	<5
90058	Soil	0.080	21	35	0.75	279	0.107	<20	2.45	0.01	0.08	<2	<0.05	<1	<5	<5	6
90059	Soil	0.075	19	33	0.70	269	0.102	<20	2.34	0.01	0.08	<2	<0.05	<1	<5	5	5
90060	Soil	0.084	12	17	0.27	181	0.045	<20	1.26	0.02	0.04	<2	0.10	<1	<5	<5	<5
90157	Soil	0.056	12	23	0.53	182	0.098	<20	1.78	0.01	0.06	<2	<0.05	<1	<5	<5	<5
90158	Soil	0.070	15	32	0.70	185	0.149	<20	1.80	0.02	0.10	<2	<0.05	<1	<5	<5	6

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CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
90159	Soil		4	<3	2	2	18	19	49	<0.3	14	6	202	4.91	85	<2	13	<0.5	<3	<3	116	0.16
90160	Soil		5	3	3	2	19	18	50	<0.3	14	6	193	4.35	81	<2	13	<0.5	<3	<3	98	0.17
90161	Soil		2	3	<2	<1	13	5	21	<0.3	8	5	381	1.15	13	<2	15	<0.5	<3	<3	29	0.15
90162	Soil		28	<3	<2	<1	19	9	49	<0.3	21	10	379	3.03	379	<2	26	<0.5	<3	<3	72	0.33
E5672412	Soil		7	6	5	3	12	19	41	<0.3	9	8	529	2.20	6	3	16	<0.5	<3	<3	37	0.18
E5672413	Soil		29	<3	<2	2	20	12	41	<0.3	18	8	248	2.81	37	4	20	<0.5	<3	<3	75	0.23
E5672414	Soil		6	<3	<2	1	22	10	41	<0.3	17	9	355	2.82	8	10	25	<0.5	<3	<3	64	0.27
E5672415	Soil		2	<3	<2	1	21	10	66	<0.3	23	11	310	3.59	9	9	17	<0.5	<3	<3	78	0.21
E5672416	Soil		7	7	5	1	13	11	64	<0.3	15	9	447	3.44	5	8	20	<0.5	<3	<3	73	0.23
E5672417	Soil		6	<3	4	<1	16	12	52	<0.3	18	10	336	3.03	7	6	27	<0.5	<3	<3	69	0.31
E5672418	Soil		7	4	4	1	14	10	42	<0.3	14	8	519	2.69	4	7	25	<0.5	<3	<3	50	0.30
E5672419	Soil		<2	<3	<2	2	10	13	51	<0.3	8	8	385	2.94	6	14	21	<0.5	<3	<3	49	0.31
E5672420	Soil		12	7	3	2	9	16	48	<0.3	9	7	392	2.63	4	11	22	<0.5	<3	<3	48	0.30
E5672421	Soil		9	8	4	2	14	17	48	<0.3	15	9	416	2.94	7	7	34	<0.5	<3	<3	62	0.42
E5672422	Soil		9	<3	4	2	10	26	65	<0.3	9	7	325	2.72	18	14	26	<0.5	<3	<3	46	0.33
E5672423	Soil		13	<3	4	2	20	35	67	<0.3	17	9	432	3.00	33	9	72	<0.5	<3	<3	57	0.48
E5672424	Soil		9	<3	<2	<1	14	9	38	<0.3	11	6	444	1.75	8	2	112	<0.5	<3	<3	34	1.41
E5672425	Soil		5	3	<2	<1	18	8	37	<0.3	11	6	331	1.75	6	3	75	<0.5	<3	<3	38	0.92
E5672426	Soil		5	<3	2	<1	11	8	39	<0.3	10	6	257	2.02	7	3	55	<0.5	<3	<3	43	0.71
E5672427	Soil		8	<3	<2	<1	9	8	56	<0.3	7	9	629	3.00	36	12	18	<0.5	<3	<3	67	0.38
619859	Soil		7	4	3	<1	13	10	41	<0.3	11	7	297	1.84	20	<2	18	<0.5	<3	<3	54	0.23
619860	Soil		47	6	4	1	12	14	50	<0.3	14	10	546	2.34	31	<2	19	<0.5	<3	<3	71	0.26
619861	Soil		12	4	8	<1	13	7	33	<0.3	9	5	181	1.47	11	<2	22	<0.5	<3	<3	27	0.27
619862	Soil		6	<3	3	<1	13	14	42	<0.3	11	9	400	2.05	18	<2	18	<0.5	<3	<3	55	0.25
619863	Soil		6	<3	2	<1	11	76	45	0.5	10	5	145	1.84	18	<2	20	<0.5	<3	<3	42	0.25
619864	Soil		6	<3	3	<1	11	47	44	0.4	11	5	150	1.92	25	<2	18	<0.5	<3	<3	47	0.24
619865	Soil		8	<3	2	<1	12	56	49	0.4	11	8	251	2.16	37	<2	19	<0.5	<3	<3	54	0.25
619866	Soil		7	<3	2	<1	12	62	53	0.4	12	11	503	2.39	43	<2	21	<0.5	<3	<3	62	0.28
619867	Soil		7	3	5	<1	13	47	52	0.5	12	11	687	2.04	39	<2	25	<0.5	<3	<3	52	0.34
619868	Soil		5	<3	<2	<1	14	46	61	<0.3	14	14	797	2.63	56	<2	21	<0.5	<3	<3	69	0.30

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
90159	Soil	0.048	9	35	0.42	93	0.130	<20	2.84	<0.01	0.06	<2	<0.05	<1	<5	8	<5
90160	Soil	0.052	8	34	0.41	99	0.109	<20	3.00	<0.01	0.05	<2	<0.05	<1	<5	9	<5
90161	Soil	0.032	11	9	0.13	101	0.040	<20	0.78	0.02	0.02	<2	<0.05	<1	<5	<5	<5
90162	Soil	0.040	8	30	0.63	173	0.108	<20	2.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5672412	Soil	0.030	20	15	0.34	170	0.023	<20	1.47	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
E5672413	Soil	0.030	12	28	0.48	206	0.079	<20	2.03	<0.01	0.05	<2	<0.05	<1	<5	6	<5
E5672414	Soil	0.014	23	29	0.55	561	0.096	<20	1.47	0.02	0.07	<2	<0.05	<1	<5	<5	6
E5672415	Soil	0.036	15	31	0.62	304	0.067	<20	2.69	<0.01	0.11	<2	<0.05	<1	<5	7	<5
E5672416	Soil	0.030	23	25	0.77	311	0.091	<20	2.23	<0.01	0.22	<2	<0.05	<1	<5	<5	<5
E5672417	Soil	0.027	14	27	0.68	305	0.089	<20	1.99	0.01	0.14	<2	<0.05	<1	<5	<5	<5
E5672418	Soil	0.029	27	24	0.63	384	0.085	<20	1.61	0.02	0.24	<2	<0.05	<1	<5	<5	5
E5672419	Soil	0.041	30	14	0.58	276	0.082	<20	1.50	0.01	0.32	<2	<0.05	<1	<5	<5	<5
E5672420	Soil	0.033	25	16	0.46	229	0.076	<20	1.32	0.01	0.26	<2	<0.05	<1	<5	<5	<5
E5672421	Soil	0.026	20	25	0.60	316	0.104	<20	1.71	0.02	0.19	<2	<0.05	<1	<5	<5	<5
E5672422	Soil	0.026	29	17	0.58	173	0.100	<20	1.38	0.02	0.25	<2	<0.05	<1	<5	<5	<5
E5672423	Soil	0.032	21	28	0.81	232	0.112	<20	1.83	0.03	0.21	<2	<0.05	<1	<5	<5	7
E5672424	Soil	0.035	8	17	0.62	209	0.066	<20	1.16	0.03	0.11	<2	0.07	<1	<5	<5	<5
E5672425	Soil	0.030	10	17	0.54	155	0.075	<20	1.13	0.03	0.10	<2	<0.05	<1	<5	<5	<5
E5672426	Soil	0.029	11	17	0.47	127	0.078	<20	1.23	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5672427	Soil	0.078	26	12	0.67	174	0.136	<20	1.20	0.02	0.33	2	<0.05	<1	<5	<5	<5
619859	Soil	0.032	8	17	0.38	101	0.081	<20	1.12	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619860	Soil	0.037	8	23	0.49	108	0.094	<20	1.32	0.01	0.07	<2	<0.05	<1	<5	<5	<5
619861	Soil	0.058	9	14	0.27	101	0.052	<20	1.00	0.01	0.05	<2	0.07	<1	<5	<5	<5
619862	Soil	0.038	8	19	0.44	105	0.084	<20	1.29	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619863	Soil	0.036	8	18	0.42	107	0.081	<20	1.29	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619864	Soil	0.040	7	18	0.42	87	0.076	<20	1.32	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619865	Soil	0.044	9	19	0.44	111	0.074	<20	1.46	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619866	Soil	0.040	9	21	0.49	129	0.085	<20	1.61	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619867	Soil	0.052	12	18	0.44	136	0.074	<20	1.43	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619868	Soil	0.043	9	23	0.57	137	0.097	<20	1.73	0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
619869	Soil		4	<3	2	<1	19	6	54	<0.3	18	8	273	2.37	19	<2	40	<0.5	<3	<3	61	0.82
619870	Soil		4	<3	3	<1	20	8	60	<0.3	19	10	473	2.69	30	<2	42	<0.5	<3	<3	67	0.68
619871	Soil		6	<3	4	<1	23	7	53	<0.3	22	9	246	2.62	9	<2	33	<0.5	<3	<3	67	0.60
619872	Soil		I.S.	I.S.	I.S.	<1	38	4	40	<0.3	20	9	617	1.46	5	<2	49	<0.5	<3	<3	41	0.69
581101	Soil		28	9	9	<1	17	30	75	0.5	15	17	1207	2.71	65	2	38	<0.5	<3	<3	66	0.50
581102	Soil		15	4	4	<1	16	16	73	<0.3	17	12	421	2.93	31	6	24	<0.5	<3	<3	70	0.39
581103	Soil		I.S.	I.S.	I.S.	<1	16	9	45	<0.3	11	7	297	1.76	14	<2	30	0.5	<3	<3	44	0.34
581104	Soil		15	14	<2	<1	14	11	43	<0.3	13	9	259	2.12	14	<2	23	<0.5	<3	<3	49	0.27
581105	Soil		6	6	<2	<1	14	7	45	<0.3	14	7	268	2.18	10	<2	21	<0.5	<3	<3	61	0.30
581106	Soil		16	<3	<2	<1	12	10	49	<0.3	14	7	233	2.24	24	<2	23	<0.5	<3	<3	61	0.35
581107	Soil		12	6	<2	<1	14	13	40	<0.3	11	6	218	1.93	31	<2	23	<0.5	<3	<3	53	0.26
581108	Soil		19	<3	<2	<1	11	11	51	<0.3	12	9	295	2.22	30	<2	21	<0.5	<3	<3	58	0.28
581109	Soil		7	3	6	<1	12	8	44	<0.3	11	6	220	2.06	15	<2	17	<0.5	<3	<3	54	0.25
581110	Soil		6	<3	<2	<1	12	11	39	<0.3	10	5	161	1.95	16	<2	15	<0.5	<3	<3	52	0.20
581111	Soil		35	<3	<2	<1	17	32	83	0.4	16	10	479	2.86	80	<2	25	<0.5	<3	<3	62	0.31
581112	Soil		16	<3	2	<1	12	15	62	<0.3	12	10	386	2.25	43	2	23	<0.5	<3	<3	54	0.31
581151	Soil		15	<3	4	2	18	21	73	<0.3	13	10	681	2.43	37	3	102	<0.5	<3	<3	45	1.23
581152	Soil		17	<3	<2	3	14	27	79	0.4	14	10	493	2.79	42	7	51	<0.5	<3	<3	52	0.51
581153	Soil		17	<3	<2	3	20	22	68	<0.3	19	10	569	2.89	68	7	94	<0.5	<3	<3	53	0.89
581154	Soil		21	<3	3	2	12	24	58	<0.3	15	9	369	2.74	45	8	51	<0.5	<3	<3	52	0.46
581155	Soil		16	6	<2	1	16	14	41	<0.3	14	6	225	2.57	16	5	53	<0.5	<3	<3	54	0.46
581156	Soil		24	22	6	4	14	15	47	<0.3	14	7	296	2.67	34	9	34	<0.5	<3	<3	46	0.31
581157	Soil		23	4	<2	4	14	21	48	<0.3	15	7	314	2.76	35	10	36	<0.5	<3	<3	48	0.33
581158	Soil		6	<3	<2	2	11	10	38	<0.3	12	7	286	2.41	10	5	31	<0.5	<3	<3	51	0.31
581159	Soil		9	5	3	2	10	12	44	<0.3	11	5	620	2.03	4	<2	28	<0.5	<3	<3	53	0.32
581160	Soil		11	9	<2	2	14	10	50	<0.3	14	9	859	2.69	8	5	35	<0.5	<3	<3	51	0.41
581161	Soil		11	4	3	2	14	15	59	<0.3	14	9	452	2.67	23	9	26	<0.5	<3	<3	56	0.30
581162	Soil		39	<3	<2	<1	12	10	33	<0.3	8	4	224	1.65	73	5	22	<0.5	<3	<3	34	0.25
581163	Soil		52	<3	3	1	20	30	61	0.5	14	7	269	2.56	58	7	25	<0.5	<3	<3	57	0.26
581164	Soil		11	7	<2	<1	28	8	58	<0.3	24	12	575	3.37	10	11	31	<0.5	<3	<3	73	0.37

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
619869	Soil	0.053	8	26	0.58	130	0.103	<20	1.44	0.03	0.06	<2	<0.05	<1	<5	<5	<5
619870	Soil	0.058	10	27	0.68	175	0.101	<20	1.72	0.03	0.07	<2	<0.05	<1	<5	<5	<5
619871	Soil	0.082	9	28	0.68	116	0.115	<20	1.56	0.03	0.06	<2	<0.05	<1	<5	<5	<5
619872	Soil	0.065	8	19	0.30	155	0.041	<20	0.86	0.03	0.04	<2	0.07	<1	<5	<5	<5
581101	Soil	0.055	10	27	0.58	185	0.079	<20	1.66	0.01	0.08	<2	<0.05	<1	<5	<5	<5
581102	Soil	0.066	12	28	0.80	152	0.116	<20	2.01	0.01	0.12	<2	<0.05	<1	<5	<5	<5
581103	Soil	0.051	9	18	0.39	124	0.059	<20	1.05	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581104	Soil	0.049	15	21	0.45	153	0.069	<20	1.48	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581105	Soil	0.038	7	22	0.51	118	0.087	<20	1.38	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581106	Soil	0.049	8	23	0.51	114	0.086	<20	1.44	0.02	0.04	<2	<0.05	<1	<5	<5	<5
581107	Soil	0.057	8	21	0.36	112	0.061	<20	1.16	0.01	0.04	<2	<0.05	<1	<5	<5	<5
581108	Soil	0.044	8	22	0.50	103	0.092	<20	1.39	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581109	Soil	0.045	9	19	0.46	97	0.089	<20	1.32	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581110	Soil	0.035	8	18	0.42	97	0.078	<20	1.28	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
581111	Soil	0.053	9	29	0.69	151	0.100	<20	2.01	0.01	0.08	<2	<0.05	<1	<5	<5	<5
581112	Soil	0.051	11	20	0.62	109	0.100	<20	1.51	0.01	0.09	<2	<0.05	<1	<5	<5	<5
581151	Soil	0.046	15	22	0.59	236	0.065	<20	1.38	0.02	0.13	<2	0.07	<1	<5	<5	<5
581152	Soil	0.037	19	26	0.68	212	0.094	<20	1.61	0.02	0.16	<2	<0.05	<1	<5	<5	<5
581153	Soil	0.033	19	28	0.71	347	0.087	<20	1.67	0.02	0.18	<2	<0.05	<1	<5	<5	6
581154	Soil	0.023	22	25	0.58	278	0.089	<20	1.48	0.02	0.16	<2	<0.05	<1	<5	<5	<5
581155	Soil	0.015	17	22	0.51	349	0.090	<20	1.50	0.02	0.14	<2	<0.05	<1	<5	<5	<5
581156	Soil	0.023	24	23	0.49	307	0.071	<20	1.44	0.01	0.18	<2	<0.05	<1	<5	<5	<5
581157	Soil	0.024	26	25	0.49	320	0.075	<20	1.50	0.02	0.19	<2	<0.05	<1	<5	<5	<5
581158	Soil	0.017	13	20	0.52	260	0.082	<20	1.41	0.02	0.14	<2	<0.05	<1	<5	<5	<5
581159	Soil	0.023	9	19	0.35	247	0.074	<20	1.01	0.02	0.11	<2	<0.05	<1	<5	<5	<5
581160	Soil	0.036	18	22	0.45	357	0.062	<20	1.39	0.02	0.15	<2	<0.05	<1	<5	<5	<5
581161	Soil	0.032	24	24	0.46	306	0.056	<20	1.59	0.01	0.10	<2	<0.05	<1	<5	<5	<5
581162	Soil	0.027	17	14	0.27	245	0.027	<20	1.26	0.02	0.07	<2	<0.05	<1	<5	<5	<5
581163	Soil	0.024	22	23	0.37	378	0.045	<20	1.89	0.02	0.05	<2	<0.05	<1	<5	<5	<5
581164	Soil	0.030	27	35	0.68	478	0.117	<20	2.17	0.02	0.08	<2	<0.05	<1	<5	<5	8

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CERTIFICATE OF ANALYSIS WHI17000274.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
581165	Soil	5	<3	2	1	16	19	52	<0.3	18	12	770	3.16	7	18	15	<0.5	<3	<3	56	0.19
1173814	Soil	5	5	2	<1	29	4	44	<0.3	23	10	511	2.33	5	<2	40	<0.5	<3	<3	59	0.71
1173815	Soil	4	<3	9	<1	29	5	55	<0.3	25	12	638	2.77	9	<2	40	<0.5	<3	<3	72	0.80
1173816	Soil	7	<3	2	<1	25	5	50	<0.3	23	10	442	2.57	5	<2	42	<0.5	<3	<3	66	0.77
1173817	Soil	7	<3	3	<1	24	5	48	<0.3	21	9	350	2.44	5	<2	42	<0.5	<3	<3	64	0.83
1173818	Soil	5	7	4	<1	33	4	57	<0.3	26	11	462	2.78	6	<2	45	<0.5	<3	<3	75	1.08
1173819	Soil	6	5	<2	<1	20	9	51	<0.3	16	13	576	2.87	29	3	31	<0.5	<3	<3	72	0.46
1173820	Soil	6	4	<2	<1	17	7	47	<0.3	14	8	272	2.66	38	3	24	<0.5	<3	<3	67	0.31
1173821	Soil	5	<3	<2	<1	14	7	62	<0.3	16	13	555	3.43	45	5	23	<0.5	<3	<3	83	0.38
1173822	Soil	11	4	<2	<1	15	7	42	<0.3	12	6	199	2.09	34	<2	25	<0.5	<3	<3	50	0.30
1173823	Soil	7	3	<2	<1	21	8	57	<0.3	17	10	356	2.94	46	3	21	<0.5	<3	<3	71	0.29
1173824	Soil	4	6	<2	<1	10	10	56	<0.3	13	16	803	3.09	37	2	17	<0.5	<3	<3	80	0.27
1173825	Soil	5	10	<2	<1	12	10	37	<0.3	11	6	130	1.92	20	<2	16	<0.5	<3	<3	40	0.20
1173826	Soil	3	8	2	<1	10	10	39	<0.3	10	5	162	1.79	20	<2	18	<0.5	<3	<3	43	0.23
1173827	Soil	6	12	<2	<1	10	19	50	<0.3	12	9	398	2.37	40	<2	16	<0.5	<3	<3	68	0.23
1173828	Soil	12	<3	2	<1	10	20	56	<0.3	12	11	481	2.56	46	<2	17	<0.5	<3	<3	68	0.24
1173829	Soil	11	17	6	<1	12	11	44	<0.3	12	7	244	1.93	21	<2	22	<0.5	<3	<3	45	0.29
1173830	Soil	8	<3	<2	<1	12	11	50	<0.3	14	10	433	2.27	26	<2	24	<0.5	<3	<3	65	0.33
1173831	Soil	7	5	<2	<1	13	7	49	<0.3	14	11	426	2.57	25	<2	24	<0.5	<3	<3	66	0.35
1173832	Soil	6	5	2	<1	14	14	58	<0.3	15	13	475	3.41	101	3	18	<0.5	<3	<3	85	0.28
1173833	Soil	8	5	<2	<1	15	29	52	<0.3	15	10	450	2.91	91	2	22	<0.5	<3	<3	74	0.36
1173834	Soil	8	<3	<2	<1	20	8	57	<0.3	18	10	271	2.80	60	<2	26	<0.5	<3	<3	67	0.37
1173835	Soil	8	<3	2	<1	17	10	54	<0.3	16	10	366	2.79	62	<2	26	<0.5	<3	<3	68	0.34
1173836	Soil	23	4	<2	<1	15	9	52	<0.3	14	9	356	2.64	25	<2	30	<0.5	<3	<3	65	0.43
1173837	Soil	11	<3	<2	<1	13	16	67	<0.3	14	12	527	2.87	53	3	27	<0.5	<3	<3	69	0.37
1173838	Soil	23	4	2	<1	17	20	63	0.3	13	10	533	2.73	89	2	21	<0.5	<3	<3	64	0.27
1173839	Soil	39	3	<2	<1	14	31	79	<0.3	13	9	505	3.06	110	2	19	<0.5	<3	<3	69	0.28
1173840	Soil	12	5	2	<1	13	14	62	<0.3	12	11	520	2.69	52	3	20	<0.5	<3	<3	64	0.28
22642	Soil	3	13	2	<1	15	8	38	<0.3	15	10	561	2.45	4	<2	24	<0.5	<3	<3	58	0.26
22643	Soil	4	9	<2	1	17	6	39	<0.3	16	10	539	2.62	4	2	18	<0.5	<3	<3	62	0.20

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
581165	Soil	0.037	31	24	0.56	224	0.059	<20	2.17	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173814	Soil	0.065	9	24	0.55	152	0.089	<20	1.40	0.03	0.06	<2	<0.05	<1	<5	<5	<5
1173815	Soil	0.071	10	29	0.73	121	0.112	<20	1.47	0.05	0.08	<2	<0.05	<1	<5	<5	<5
1173816	Soil	0.069	9	27	0.67	140	0.111	<20	1.50	0.05	0.07	<2	<0.05	<1	<5	<5	<5
1173817	Soil	0.065	9	26	0.63	133	0.110	<20	1.41	0.04	0.08	<2	<0.05	<1	<5	<5	<5
1173818	Soil	0.075	10	29	0.76	144	0.119	<20	1.49	0.05	0.09	<2	<0.05	<1	<5	<5	<5
1173819	Soil	0.052	16	25	0.60	195	0.105	<20	1.86	0.02	0.07	<2	<0.05	<1	<5	<5	5
1173820	Soil	0.037	12	23	0.56	159	0.113	<20	1.87	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173821	Soil	0.064	12	24	0.81	152	0.148	<20	1.95	0.02	0.16	<2	<0.05	<1	<5	<5	<5
1173822	Soil	0.045	10	19	0.47	139	0.078	<20	1.44	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173823	Soil	0.047	12	26	0.66	154	0.117	<20	2.09	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173824	Soil	0.043	9	23	0.61	99	0.111	<20	1.75	0.01	0.07	<2	<0.05	<1	<5	<5	<5
1173825	Soil	0.037	9	19	0.40	105	0.077	<20	1.47	0.01	0.04	<2	<0.05	<1	<5	<5	<5
1173826	Soil	0.033	8	17	0.42	97	0.081	<20	1.21	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173827	Soil	0.037	8	20	0.51	95	0.102	<20	1.45	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173828	Soil	0.043	8	23	0.55	103	0.101	<20	1.59	0.01	0.06	<2	<0.05	<1	<5	<5	<5
1173829	Soil	0.043	8	18	0.42	103	0.074	<20	1.24	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173830	Soil	0.053	8	22	0.52	122	0.080	<20	1.41	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173831	Soil	0.055	8	22	0.56	123	0.099	<20	1.50	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173832	Soil	0.049	8	24	0.77	130	0.137	<20	2.05	0.01	0.16	<2	<0.05	<1	<5	<5	<5
1173833	Soil	0.054	11	23	0.68	151	0.111	<20	1.84	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173834	Soil	0.050	11	27	0.69	169	0.105	<20	2.09	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173835	Soil	0.054	12	25	0.62	156	0.095	<20	1.85	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173836	Soil	0.053	11	23	0.64	156	0.098	<20	1.71	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1173837	Soil	0.056	12	24	0.70	133	0.099	<20	1.82	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173838	Soil	0.049	13	23	0.59	163	0.080	<20	1.85	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1173839	Soil	0.054	9	23	0.69	126	0.100	<20	1.91	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1173840	Soil	0.059	11	21	0.67	105	0.101	<20	1.70	0.01	0.10	<2	<0.05	<1	<5	<5	<5
22642	Soil	0.018	7	23	0.41	220	0.069	<20	1.56	0.02	0.08	<2	<0.05	<1	<5	<5	<5
22643	Soil	0.015	9	25	0.45	216	0.073	<20	1.66	0.01	0.08	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1549563	Soil		5	<3	<2	<1	16	7	51	<0.3	18	9	363	3.16	7	10	22	<0.5	<3	<3	66	0.28
1549564	Soil		3	10	<2	1	13	8	74	<0.3	7	9	493	3.71	4	44	18	<0.5	<3	<3	54	0.19
1549565	Soil		4	8	14	3	16	9	43	<0.3	15	9	319	3.39	7	5	17	<0.5	<3	<3	82	0.17
1549566	Soil		6	5	7	<1	7	5	26	<0.3	11	4	124	1.19	<2	<2	12	<0.5	<3	<3	36	0.12
1549567	Soil		3	<3	<2	2	16	9	37	<0.3	11	6	241	2.57	11	7	17	<0.5	<3	<3	59	0.21
1549568	Soil		9	9	<2	2	12	16	60	<0.3	9	8	398	2.95	12	16	21	<0.5	<3	<3	52	0.29
1549569	Soil		11	3	<2	1	23	5	47	<0.3	13	6	575	1.99	8	4	120	<0.5	<3	<3	36	1.78
1549570	Soil		6	<3	<2	1	16	9	40	<0.3	12	9	406	2.35	11	7	62	<0.5	<3	<3	48	0.74
1549571	Soil		15	<3	<2	2	17	19	65	<0.3	13	9	694	2.44	63	7	62	<0.5	<3	<3	49	0.73
E5667956	Soil		141	3	<2	<1	9	19	50	<0.3	9	9	524	3.48	45	17	22	<0.5	<3	<3	76	0.50
E5667957	Soil		6	6	<2	<1	16	6	51	<0.3	16	8	318	2.48	7	<2	27	<0.5	<3	<3	66	0.41
E5667958	Soil		10	4	2	<1	16	8	46	<0.3	14	7	357	1.90	10	<2	51	<0.5	<3	<3	46	0.77
E5667959	Soil		5	<3	<2	<1	13	9	53	<0.3	14	10	444	2.92	37	5	27	<0.5	<3	<3	77	0.40
E5670560	Soil		6	4	4	<1	15	11	62	<0.3	16	11	602	3.21	47	5	33	<0.5	<3	<3	82	0.45
E5670561	Soil		5	5	<2	<1	14	7	46	<0.3	12	8	352	2.51	34	3	29	<0.5	<3	<3	67	0.37
E5670562	Soil		6	4	<2	<1	12	7	47	<0.3	12	7	249	2.48	44	2	27	<0.5	<3	<3	66	0.36
E5670563	Soil		6	7	<2	<1	15	9	55	<0.3	14	10	461	2.88	60	3	32	<0.5	<3	<3	73	0.48
E5670564	Soil		5	6	<2	<1	15	9	56	<0.3	14	10	441	2.89	59	3	32	<0.5	<3	<3	74	0.50
E5670565	Soil		5	<3	<2	<1	10	10	56	<0.3	13	10	355	2.78	61	3	28	<0.5	<3	<3	72	0.43
E5670566	Soil		6	<3	4	<1	26	8	29	0.5	10	5	211	1.64	39	<2	21	<0.5	<3	<3	38	0.26

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Project: PGC-17062-YT
Report Date: August 04, 2017

CERTIFICATE OF ANALYSIS WHI17000274.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1549563	Soil	0.033	20	26	0.76	206	0.133	<20	2.16	0.01	0.15	<2	<0.05	<1	<5	<5	5
1549564	Soil	0.039	103	12	0.86	220	0.128	<20	2.35	<0.01	0.28	<2	<0.05	<1	<5	<5	8
1549565	Soil	0.030	15	24	0.43	196	0.080	<20	2.03	0.01	0.07	<2	<0.05	<1	<5	<5	<5
1549566	Soil	0.024	7	21	0.36	107	0.056	<20	0.92	0.02	0.10	<2	<0.05	<1	<5	<5	<5
1549567	Soil	0.035	26	19	0.38	179	0.069	<20	1.56	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1549568	Soil	0.060	48	15	0.67	234	0.085	<20	1.61	0.02	0.22	<2	<0.05	<1	<5	<5	<5
1549569	Soil	0.057	42	16	0.53	379	0.051	<20	1.34	0.02	0.12	<2	0.08	<1	<5	<5	<5
1549570	Soil	0.046	33	19	0.49	246	0.073	<20	1.49	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549571	Soil	0.036	35	22	0.50	294	0.078	<20	1.57	0.03	0.11	<2	<0.05	<1	<5	<5	<5
E5667956	Soil	0.115	30	14	0.66	169	0.127	<20	1.18	0.02	0.26	<2	<0.05	<1	<5	<5	<5
E5667957	Soil	0.061	8	28	0.58	106	0.098	<20	1.58	0.03	0.06	<2	<0.05	<1	<5	<5	<5
E5667958	Soil	0.057	14	22	0.59	225	0.078	<20	1.52	0.03	0.05	<2	0.07	<1	<5	<5	<5
E5667959	Soil	0.051	11	24	0.66	152	0.128	<20	1.77	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670560	Soil	0.045	11	25	0.72	213	0.133	<20	1.92	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670561	Soil	0.029	11	21	0.58	179	0.121	<20	1.60	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670562	Soil	0.029	8	20	0.59	147	0.129	<20	1.59	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670563	Soil	0.051	12	22	0.71	193	0.136	<20	1.73	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670564	Soil	0.051	12	22	0.72	193	0.143	<20	1.79	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670565	Soil	0.047	9	21	0.72	147	0.148	<20	1.71	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5670566	Soil	0.024	11	13	0.32	164	0.074	<20	1.12	0.02	0.07	<2	<0.05	<1	<5	<5	<5

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
581835	Soil		7	4	3	<1	19	21	61	0.5	15	13	1120	3.25	115	5	40	<0.5	<3	<3	81	0.70
REP 581835	QC		6	3	3																	
581838	Soil		3	<3	<2	<1	17	3	31	<0.3	10	6	202	2.16	7	3	23	<0.5	<3	<3	51	0.34
REP 581838	QC					<1	17	4	31	<0.3	10	6	207	2.17	7	<2	22	<0.5	<3	<3	51	0.34
1173975	Soil		5	<3	2	<1	30	5	48	<0.3	23	10	432	2.74	17	2	48	<0.5	<3	<3	67	0.90
REP 1173975	QC		6	<3	4																	
90109	Soil		5	<3	2	<1	13	4	46	<0.3	9	5	487	1.72	7	<2	28	<0.5	<3	<3	47	0.35
REP 90109	QC					<1	13	6	45	<0.3	9	5	484	1.69	7	<2	28	<0.5	<3	<3	47	0.35
1549632	Soil		10	<3	<2	1	21	10	71	<0.3	17	13	624	3.34	62	5	33	<0.5	<3	<3	86	0.55
REP 1549632	QC		7	<3	4																	
1549637	Soil		6	<3	2	<1	14	7	55	<0.3	12	10	430	2.30	26	<2	23	<0.5	<3	<3	57	0.36
REP 1549637	QC					1	15	7	56	<0.3	12	9	429	2.30	28	2	23	<0.5	<3	<3	57	0.36
E5667927	Soil		5	<3	2	<1	26	4	49	<0.3	16	9	477	2.81	6	9	66	<0.5	<3	<3	55	0.78
REP E5667927	QC		11	4	4																	
E5670588	Soil		9	<3	4	<1	16	8	53	<0.3	13	10	395	2.83	50	5	23	<0.5	<3	<3	70	0.33
REP E5670588	QC					<1	16	5	53	<0.3	13	11	395	2.86	53	6	23	<0.5	<3	<3	71	0.32
E5667936	Soil		12	<3	2	<1	12	6	38	<0.3	11	5	177	1.98	11	<2	19	<0.5	<3	<3	51	0.25
REP E5667936	QC		9	<3	4																	
E5667943	Soil		9	<3	<2	<1	22	11	57	<0.3	17	11	525	3.00	43	5	35	<0.5	<3	<3	78	0.53
REP E5667943	QC					<1	21	11	55	<0.3	17	10	519	3.00	42	5	35	<0.5	<3	<3	76	0.52
90157	Soil		14	<3	<2	<1	20	7	43	<0.3	18	9	414	2.52	13	<2	28	<0.5	<3	<3	62	0.38
REP 90157	QC		10	4	7																	
E5672414	Soil		6	<3	<2	1	22	10	41	<0.3	17	9	355	2.82	8	10	25	<0.5	<3	<3	64	0.27
REP E5672414	QC					1	22	10	42	<0.3	17	9	366	2.80	8	11	25	<0.5	<3	<3	65	0.28
619868	Soil		5	<3	<2	<1	14	46	61	<0.3	14	14	797	2.63	56	<2	21	<0.5	<3	<3	69	0.30
REP 619868	QC		6	<3	3																	
581109	Soil		7	3	6	<1	12	8	44	<0.3	11	6	220	2.06	15	<2	17	<0.5	<3	<3	54	0.25
REP 581109	QC					<1	11	8	43	<0.3	11	6	213	2.04	15	<2	17	<0.5	<3	<3	53	0.24

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Project: PGC-17062-YT
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QUALITY CONTROL REPORT WHI17000274.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
581835	Soil		0.063	16	25	0.82	313	0.148	<20	2.27	0.02	0.21	<2	<0.05	<1	<5	<5	8
REP 581835	QC																	
581838	Soil		0.028	11	18	0.40	141	0.109	<20	1.42	0.02	0.07	<2	<0.05	<1	<5	<5	<5
REP 581838	QC		0.027	10	19	0.41	144	0.111	<20	1.44	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173975	Soil		0.053	11	30	0.74	176	0.112	<20	1.70	0.05	0.06	<2	<0.05	<1	<5	<5	<5
REP 1173975	QC																	
90109	Soil		0.031	4	15	0.25	128	0.068	<20	0.94	0.02	0.05	<2	<0.05	<1	<5	<5	<5
REP 90109	QC		0.031	4	15	0.25	127	0.067	<20	0.93	0.02	0.05	<2	<0.05	<1	<5	<5	<5
1549632	Soil		0.054	16	24	0.83	233	0.161	<20	2.09	0.02	0.16	<2	<0.05	<1	<5	6	6
REP 1549632	QC																	
1549637	Soil		0.050	12	20	0.55	143	0.103	<20	1.55	0.02	0.08	<2	<0.05	<1	<5	<5	<5
REP 1549637	QC		0.050	12	21	0.55	141	0.101	<20	1.55	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5667927	Soil		0.043	27	23	0.54	344	0.103	<20	1.88	0.03	0.12	<2	<0.05	<1	<5	<5	6
REP E5667927	QC																	
E5670588	Soil		0.041	14	21	0.65	150	0.135	<20	1.83	0.02	0.10	<2	<0.05	<1	<5	6	5
REP E5670588	QC		0.040	14	21	0.65	152	0.135	<20	1.83	0.02	0.10	<2	<0.05	<1	<5	<5	5
E5667936	Soil		0.031	8	20	0.47	108	0.093	<20	1.40	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP E5667936	QC																	
E5667943	Soil		0.047	16	27	0.71	175	0.126	<20	2.02	0.02	0.08	<2	<0.05	<1	<5	<5	5
REP E5667943	QC		0.047	15	25	0.70	174	0.127	<20	2.02	0.02	0.07	<2	<0.05	<1	<5	<5	5
90157	Soil		0.056	12	23	0.53	182	0.098	<20	1.78	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 90157	QC																	
E5672414	Soil		0.014	23	29	0.55	561	0.096	<20	1.47	0.02	0.07	<2	<0.05	<1	<5	<5	6
REP E5672414	QC		0.014	24	29	0.56	578	0.097	<20	1.50	0.02	0.07	<2	<0.05	<1	<5	<5	6
619868	Soil		0.043	9	23	0.57	137	0.097	<20	1.73	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 619868	QC																	
581109	Soil		0.045	9	19	0.46	97	0.089	<20	1.32	0.01	0.06	<2	<0.05	<1	<5	<5	<5
REP 581109	QC		0.044	8	18	0.45	95	0.086	<20	1.27	0.01	0.06	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
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Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
1173821	Soil	5	<3	<2	<1	14	7	62	<0.3	16	13	555	3.43	45	5	23	<0.5	<3	<3	83	0.38
REP 1173821	QC	5	<3	<2																	
1173831	Soil	7	5	<2	<1	13	7	49	<0.3	14	11	426	2.57	25	<2	24	<0.5	<3	<3	66	0.35
REP 1173831	QC				<1	13	7	51	<0.3	14	11	440	2.65	25	<2	25	<0.5	<3	<3	68	0.37
E5670560	Soil	6	4	4	<1	15	11	62	<0.3	16	11	602	3.21	47	5	33	<0.5	<3	<3	82	0.45
REP E5670560	QC	10	4	3																	
E5670566	Soil	6	<3	4	<1	26	8	29	0.5	10	5	211	1.64	39	<2	21	<0.5	<3	<3	38	0.26
REP E5670566	QC				<1	26	9	29	0.5	9	5	210	1.63	38	2	21	<0.5	<3	<3	37	0.25
Reference Materials																					
STD CDN-PGMS-19	Standard	266	107	457																	
STD CDN-PGMS-23	Standard	538	461	2075																	
STD CDN-PGMS-19	Standard	194	110	489																	
STD CDN-PGMS-23	Standard	462	439	2056																	
STD CDN-PGMS-19	Standard	270	95	457																	
STD CDN-PGMS-19	Standard	259	113	457																	
STD CDN-PGMS-23	Standard	525	471	2087																	
STD CDN-PGMS-19	Standard	242	111	481																	
STD CDN-PGMS-23	Standard	511	509	2098																	
STD CDN-PGMS-19	Standard	225	115	476																	
STD CDN-PGMS-23	Standard	480	486	2055																	
STD CDN-PGMS-19	Standard	210	107	464																	
STD CDN-PGMS-23	Standard	495	478	2117																	
STD CDN-PGMS-19	Standard	208	123	489																	
STD CDN-PGMS-23	Standard	489	499	2145																	
STD CDN-PGMS-19	Standard	294	112	497																	
STD CDN-PGMS-23	Standard	550	495	2097																	
STD CDN-PGMS-19	Standard	263	105	489																	
STD CDN-PGMS-23	Standard	480	451	2061																	
STD DS10	Standard				13	149	144	358	1.8	71	12	862	2.65	42	7	62	2.4	8	12	42	1.01

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Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
1173821	Soil	0.064	12	24	0.81	152	0.148	<20	1.95	0.02	0.16	<2	<0.05	<1	<5	<5	<5
REP 1173821	QC																
1173831	Soil	0.055	8	22	0.56	123	0.099	<20	1.50	0.02	0.06	<2	<0.05	<1	<5	<5	<5
REP 1173831	QC	0.058	8	23	0.59	127	0.102	<20	1.59	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670560	Soil	0.045	11	25	0.72	213	0.133	<20	1.92	0.02	0.08	<2	<0.05	<1	<5	<5	<5
REP E5670560	QC																
E5670566	Soil	0.024	11	13	0.32	164	0.074	<20	1.12	0.02	0.07	<2	<0.05	<1	<5	<5	<5
REP E5670566	QC	0.024	11	13	0.31	162	0.073	<20	1.11	0.02	0.07	<2	<0.05	<1	<5	<5	<5
Reference Materials																	
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
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STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-23	Standard																
STD DS10	Standard	0.072	16	54	0.79	412	0.077	<20	1.01	0.07	0.32	2	0.26	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD DS10	Standard				13	149	143	353	2.0	70	12	858	2.65	41	8	63	2.3	8	12	42	1.03
STD DS10	Standard				14	147	143	368	2.1	75	12	907	2.76	45	7	64	2.5	9	10	43	1.06
STD DS10	Standard				13	143	150	362	1.8	69	12	881	2.61	43	7	64	2.6	8	11	42	1.05
STD DS10	Standard				13	146	143	361	1.6	70	12	850	2.66	43	6	63	2.3	7	11	41	1.02
STD DS10	Standard				14	147	147	356	1.7	70	12	869	2.66	43	6	65	2.4	7	12	42	1.04
STD DS10	Standard				13	148	149	368	1.7	73	12	875	2.73	46	6	65	2.4	8	11	43	1.06
STD DS10	Standard				13	150	152	361	1.9	74	12	873	2.76	44	6	64	2.3	8	9	43	1.04
STD DS10	Standard				14	151	153	364	2.0	73	12	884	2.81	43	6	67	2.3	7	9	43	1.07
STD OREAS45EA	Standard				2	703	12	28	0.5	372	51	403	21.67	10	11	3	<0.5	<3	<3	301	0.03
STD OREAS45EA	Standard				2	691	11	29	0.5	362	51	397	21.03	11	11	3	<0.5	<3	<3	297	0.03
STD OREAS45EA	Standard				1	722	16	31	<0.3	388	49	423	22.49	6	8	3	1.9	<3	5	307	0.03
STD OREAS45EA	Standard				2	687	20	30	0.3	361	48	403	20.98	8	8	3	1.9	<3	<3	294	0.03
STD OREAS45EA	Standard				2	674	17	29	<0.3	368	51	394	20.70	5	7	4	0.6	<3	<3	297	0.04
STD OREAS45EA	Standard				2	683	16	31	<0.3	378	52	396	20.95	5	7	4	0.9	<3	<3	302	0.04
STD OREAS45EA	Standard				2	690	16	31	<0.3	382	53	403	21.34	5	7	4	1.1	<3	<3	309	0.04
STD OREAS45EA	Standard				2	713	14	33	0.4	402	55	417	25.23	10	9	4	<0.5	<3	3	313	0.03
STD OREAS45EA	Standard				2	684	9	30	<0.3	384	53	406	23.86	9	8	3	<0.5	<3	<3	296	0.03
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-19 Expected		230	108	476																	
STD CDN-PGMS-23 Expected		496	456	2032																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01

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Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD DS10	Standard	0.072	16	55	0.78	406	0.077	<20	1.02	0.07	0.32	3	0.27	<1	5	<5	<5
STD DS10	Standard	0.074	16	53	0.77	425	0.075	<20	1.01	0.06	0.33	<2	0.29	<1	<5	<5	<5
STD DS10	Standard	0.072	16	53	0.75	389	0.073	<20	1.02	0.06	0.33	3	0.28	<1	<5	<5	<5
STD DS10	Standard	0.073	15	51	0.76	412	0.071	<20	0.97	0.07	0.33	3	0.28	<1	<5	<5	<5
STD DS10	Standard	0.073	16	52	0.77	418	0.075	<20	1.00	0.07	0.33	4	0.28	<1	<5	<5	<5
STD DS10	Standard	0.076	16	55	0.79	421	0.074	<20	1.01	0.07	0.34	3	0.28	<1	<5	<5	<5
STD DS10	Standard	0.076	16	53	0.78	419	0.075	<20	1.01	0.07	0.32	3	0.28	<1	<5	<5	<5
STD DS10	Standard	0.078	16	53	0.80	435	0.076	<20	1.04	0.07	0.34	2	0.28	<1	<5	<5	<5
STD OREAS45EA	Standard	0.028	7	918	0.10	143	0.103	<20	3.35	0.02	0.05	<2	<0.05	<1	<5	<5	84
STD OREAS45EA	Standard	0.028	7	904	0.10	142	0.101	<20	3.29	0.02	0.05	<2	<0.05	<1	<5	8	83
STD OREAS45EA	Standard	0.030	9	850	0.10	146	0.101	<20	3.31	0.02	0.06	<2	<0.05	<1	<5	22	87
STD OREAS45EA	Standard	0.029	8	811	0.09	133	0.094	<20	3.12	0.02	0.05	<2	<0.05	<1	<5	20	83
STD OREAS45EA	Standard	0.029	8	851	0.09	144	0.096	<20	3.09	0.01	0.05	<2	<0.05	<1	<5	18	80
STD OREAS45EA	Standard	0.029	8	866	0.10	145	0.099	<20	3.22	0.01	0.05	<2	<0.05	<1	<5	22	82
STD OREAS45EA	Standard	0.030	8	886	0.10	149	0.099	<20	3.20	0.01	0.06	<2	<0.05	<1	<5	26	84
STD OREAS45EA	Standard	0.031	8	894	0.10	146	0.101	<20	3.25	0.02	0.05	<2	<0.05	<1	9	6	84
STD OREAS45EA	Standard	0.030	7	863	0.10	143	0.099	<20	3.27	0.02	0.06	<2	<0.05	<1	11	7	84
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																	
STD CDN-PGMS-23 Expected																	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 04, 2017

QUALITY CONTROL REPORT WHI17000274.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	3	<3	5																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	3	<3	<2																	
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BLK	Blank	<2	<3	<2																	

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		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 05, 2017
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI17000275.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 170

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	170	Dry at 60C			WHI
SS80	170	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	170	Save all or part of Soil Reject			WHI
FA330	165	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	170	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	170	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	170	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5670567	Soil	12	4	2	2	17	21	65	0.5	14	11	493	3.72	119	5	28	<0.5	<3	<3	93	0.38
E5670568	Soil	7	5	<2	<1	20	15	66	<0.3	16	11	564	2.93	55	4	28	<0.5	<3	<3	71	0.39
E5670569	Soil	11	3	<2	<1	19	13	61	<0.3	16	11	544	2.81	44	3	26	<0.5	<3	<3	72	0.35
E5670570	Soil	8	<3	<2	<1	17	15	69	<0.3	16	11	633	2.64	41	<2	30	<0.5	<3	<3	65	0.42
E5670571	Soil	12	<3	<2	<1	11	12	58	<0.3	13	10	389	2.55	37	4	23	<0.5	<3	<3	67	0.39
E5670572	Soil	10	6	<2	<1	13	9	58	<0.3	13	10	432	2.68	37	2	24	<0.5	<3	<3	72	0.33
E5670573	Soil	7	<3	<2	<1	12	13	57	<0.3	13	7	249	2.37	31	<2	22	<0.5	<3	<3	56	0.28
E5670574	Soil	10	<3	3	<1	13	10	61	<0.3	14	9	344	2.67	30	<2	22	<0.5	<3	<3	66	0.29
E5670575	Soil	5	4	2	<1	9	11	58	<0.3	12	12	562	2.73	22	5	18	<0.5	<3	<3	69	0.31
E5670576	Soil	8	<3	3	<1	10	9	53	<0.3	11	8	266	2.42	18	4	18	<0.5	<3	<3	62	0.30
E5670577	Soil	6	<3	<2	<1	11	8	40	<0.3	11	5	141	1.80	9	<2	19	<0.5	<3	<3	43	0.21
E5670578	Soil	7	<3	<2	2	11	8	58	<0.3	14	12	534	2.84	19	<2	22	<0.5	<3	<3	84	0.31
E5670579	Soil	5	<3	3	1	11	6	52	<0.3	14	8	325	2.44	13	<2	21	<0.5	<3	<3	66	0.27
E5670580	Soil	5	<3	<2	<1	9	5	44	<0.3	12	6	165	2.08	10	<2	20	<0.5	<3	<3	52	0.28
E5670581	Soil	7	<3	<2	1	9	4	43	<0.3	11	6	180	2.14	6	<2	20	<0.5	<3	<3	53	0.28
E5670582	Soil	7	<3	9	<1	10	7	46	<0.3	13	6	145	2.02	6	<2	24	<0.5	<3	<3	43	0.29
E5670583	Soil	4	<3	<2	1	10	6	46	<0.3	14	6	149	2.29	7	<2	24	<0.5	<3	<3	54	0.31
E5670584	Soil	5	<3	<2	<1	10	7	36	<0.3	10	4	99	1.72	4	<2	15	<0.5	<3	<3	41	0.16
E5670585	Soil	7	3	3	1	9	5	31	<0.3	9	4	88	1.65	4	<2	15	<0.5	<3	<3	40	0.15
581945	Soil	4	<3	<2	2	16	14	55	<0.3	17	8	288	4.13	10	4	20	<0.5	<3	<3	99	0.19
581946	Soil	2	<3	<2	1	12	17	60	<0.3	9	6	257	2.29	5	<2	14	<0.5	<3	<3	62	0.14
581947	Soil	3	<3	<2	1	14	18	88	<0.3	11	6	311	2.97	6	11	16	<0.5	<3	<3	42	0.17
581948	Soil	3	<3	<2	1	13	23	83	<0.3	12	6	320	2.86	6	11	17	<0.5	<3	<3	43	0.17
581949	Soil	3	<3	<2	1	19	9	62	<0.3	18	10	324	3.24	6	5	23	<0.5	<3	<3	71	0.26
581950	Soil	3	<3	<2	2	18	11	50	<0.3	12	6	254	2.41	6	4	32	<0.5	<3	<3	55	0.33
E5672428	Soil	4	<3	<2	2	18	10	66	<0.3	12	11	505	3.13	6	15	26	<0.5	<3	<3	54	0.36
E5672429	Soil	5	3	<2	2	18	11	58	<0.3	12	8	378	2.96	8	10	34	<0.5	<3	<3	56	0.41
E5672430	Soil	4	<3	<2	1	16	6	47	<0.3	10	6	277	2.23	4	9	34	<0.5	<3	<3	44	0.39
E5672431	Soil	4	<3	<2	2	20	16	69	<0.3	13	9	497	3.09	9	13	47	<0.5	<3	<3	55	0.58
E5672432	Soil	7	<3	2	2	25	15	68	<0.3	21	12	691	2.91	19	7	74	<0.5	<3	<3	55	0.81

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5670567	Soil		0.037	14	23	0.68	176	0.108	<20	2.33	0.01	0.10	<2	<0.05	<1	<5	6	6
E5670568	Soil		0.051	16	24	0.66	205	0.108	<20	1.94	0.02	0.08	<2	<0.05	<1	<5	<5	6
E5670569	Soil		0.046	13	25	0.64	158	0.107	<20	1.81	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670570	Soil		0.072	14	23	0.58	170	0.086	<20	1.72	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670571	Soil		0.070	12	21	0.61	115	0.118	<20	1.57	0.02	0.09	<2	<0.05	<1	<5	<5	<5
E5670572	Soil		0.054	11	23	0.62	141	0.123	<20	1.77	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670573	Soil		0.049	10	21	0.56	122	0.102	<20	1.64	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670574	Soil		0.052	9	24	0.64	129	0.115	<20	1.76	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670575	Soil		0.062	13	20	0.62	106	0.116	<20	1.58	0.01	0.10	<2	<0.05	<1	<5	<5	<5
E5670576	Soil		0.063	12	19	0.54	97	0.103	<20	1.39	0.01	0.11	<2	<0.05	<1	<5	<5	<5
E5670577	Soil		0.034	6	19	0.41	93	0.085	<20	1.27	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670578	Soil		0.054	9	23	0.60	110	0.121	<20	1.75	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5670579	Soil		0.044	7	24	0.56	105	0.112	<20	1.64	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670580	Soil		0.041	9	20	0.49	98	0.107	<20	1.41	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670581	Soil		0.045	9	20	0.48	93	0.103	<20	1.37	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5670582	Soil		0.049	8	22	0.50	110	0.098	<20	1.47	0.02	0.05	<2	<0.05	<1	<5	<5	<5
E5670583	Soil		0.049	7	24	0.54	116	0.099	<20	1.53	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5670584	Soil		0.031	7	21	0.36	85	0.088	<20	1.34	0.01	0.05	<2	<0.05	<1	<5	<5	<5
E5670585	Soil		0.029	7	20	0.30	83	0.080	<20	1.21	0.01	0.05	<2	<0.05	<1	<5	<5	<5
581945	Soil		0.044	14	32	0.50	197	0.101	<20	2.46	0.01	0.06	<2	<0.05	<1	<5	7	<5
581946	Soil		0.023	6	17	0.27	106	0.078	<20	1.34	0.02	0.05	<2	<0.05	<1	<5	6	<5
581947	Soil		0.026	25	19	0.69	89	0.087	<20	1.58	<0.01	0.19	<2	<0.05	<1	<5	<5	<5
581948	Soil		0.029	25	20	0.65	90	0.081	<20	1.53	<0.01	0.19	<2	<0.05	<1	<5	<5	<5
581949	Soil		0.019	14	27	0.71	138	0.113	<20	2.05	0.01	0.11	<2	<0.05	<1	<5	<5	<5
581950	Soil		0.020	11	20	0.45	162	0.086	<20	1.56	0.02	0.12	<2	<0.05	<1	<5	<5	<5
E5672428	Soil		0.050	34	18	0.71	188	0.104	<20	1.86	0.01	0.19	<2	<0.05	<1	<5	<5	<5
E5672429	Soil		0.025	27	19	0.66	229	0.117	<20	1.81	0.02	0.21	<2	<0.05	<1	<5	<5	<5
E5672430	Soil		0.026	32	14	0.49	204	0.101	<20	1.42	0.02	0.15	<2	<0.05	<1	<5	<5	<5
E5672431	Soil		0.059	43	21	0.74	269	0.126	<20	1.97	0.02	0.25	<2	<0.05	<1	<5	<5	6
E5672432	Soil		0.051	31	37	0.73	292	0.106	<20	2.04	0.02	0.19	<2	<0.05	<1	<5	<5	7

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672433	Soil	4	<3	5	<1	12	14	73	<0.3	15	10	378	3.09	24	11	37	<0.5	<3	<3	60	0.48
E5672434	Soil	7	<3	2	1	19	15	68	<0.3	21	12	591	2.93	31	7	58	<0.5	<3	<3	59	0.64
E5672435	Soil	9	<3	4	2	32	12	51	<0.3	16	8	816	1.99	17	<2	153	<0.5	<3	<3	37	1.69
619411	Soil	6	<3	3	1	13	8	34	<0.3	11	6	172	1.80	10	<2	21	<0.5	<3	<3	42	0.22
619412	Soil	I.S.	I.S.	I.S.	1	11	9	42	<0.3	7	21	1477	0.58	<2	<2	59	1.0	<3	<3	5	0.73
619413	Soil	5	3	4	1	10	6	44	<0.3	11	6	248	1.99	12	<2	23	<0.5	<3	<3	39	0.26
619414	Soil	7	<3	3	1	12	10	50	<0.3	13	5	176	2.26	13	<2	23	<0.5	<3	<3	48	0.28
619415	Soil	6	<3	2	<1	8	8	40	<0.3	11	5	154	1.86	8	<2	18	<0.5	<3	<3	40	0.25
619416	Soil	I.S.	I.S.	I.S.	<1	9	6	33	<0.3	10	4	106	1.68	4	<2	27	<0.5	<3	<3	28	0.33
619417	Soil	4	<3	2	<1	9	6	40	<0.3	11	5	143	1.84	7	<2	17	<0.5	<3	<3	43	0.24
619418	Soil	9	3	7	<1	15	7	31	<0.3	10	6	263	2.34	9	<2	31	<0.5	<3	<3	44	0.39
619419	Soil	7	4	3	<1	13	9	39	<0.3	12	5	148	2.07	12	<2	16	<0.5	<3	<3	48	0.19
619420	Soil	12	6	3	<1	13	9	19	0.3	8	7	217	1.48	8	<2	33	<0.5	<3	<3	21	0.36
619421	Soil	8	4	3	<1	15	21	71	<0.3	16	9	383	2.79	34	7	23	<0.5	<3	<3	67	0.31
619422	Soil	6	<3	<2	<1	13	36	52	<0.3	12	6	205	2.05	19	<2	22	<0.5	<3	<3	47	0.29
619423	Soil	4	<3	<2	<1	13	12	50	<0.3	12	8	345	2.56	28	<2	21	<0.5	<3	<3	64	0.27
619424	Soil	10	5	3	<1	18	11	40	<0.3	11	11	702	2.13	42	<2	38	<0.5	<3	<3	39	0.45
619425	Soil	8	<3	<2	<1	12	19	62	<0.3	14	10	318	2.34	30	<2	25	<0.5	<3	<3	54	0.34
619426	Soil	7	3	2	<1	14	16	57	<0.3	13	10	595	2.59	46	<2	27	<0.5	<3	<3	79	0.35
619427	Soil	9	3	2	<1	15	12	51	<0.3	12	7	314	2.13	29	<2	26	<0.5	<3	<3	55	0.34
619428	Soil	7	<3	<2	<1	19	14	62	<0.3	15	10	438	2.83	43	<2	25	<0.5	<3	<3	70	0.34
619429	Soil	6	<3	<2	<1	16	11	65	<0.3	13	9	421	2.80	34	3	31	<0.5	<3	<3	72	0.48
619430	Soil	10	<3	<2	<1	15	10	61	<0.3	13	8	358	2.68	31	<2	30	<0.5	<3	<3	67	0.47
619431	Soil	4	<3	<2	<1	12	9	69	<0.3	14	11	561	3.36	44	4	22	<0.5	<3	<3	86	0.44
619432	Soil	7	<3	<2	<1	16	8	59	<0.3	14	10	436	2.81	33	3	27	<0.5	<3	<3	72	0.45
619433	Soil	4	<3	<2	<1	12	9	57	<0.3	15	10	418	3.13	27	3	21	<0.5	<3	<3	85	0.37
619434	Soil	9	<3	2	<1	14	10	69	<0.3	17	12	563	3.38	69	3	26	<0.5	<3	<3	91	0.42
619435	Soil	10	<3	<2	<1	17	15	56	<0.3	14	9	391	2.82	84	4	25	<0.5	<3	<3	71	0.36
619436	Soil	5	<3	<2	<1	15	12	56	<0.3	13	9	393	2.92	64	3	25	<0.5	<3	<3	77	0.36
619437	Soil	4	<3	<2	<1	11	9	45	<0.3	11	5	207	2.03	45	<2	47	<0.5	<3	<3	54	0.71

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672433	Soil	0.047	31	30	0.84	153	0.147	<20	1.87	0.02	0.20	<2	<0.05	<1	<5	<5	5
E5672434	Soil	0.038	26	39	0.86	243	0.136	<20	1.96	0.02	0.18	<2	<0.05	<1	<5	<5	6
E5672435	Soil	0.077	35	20	0.46	363	0.054	<20	1.44	0.02	0.09	<2	0.11	<1	<5	<5	<5
619411	Soil	0.051	7	17	0.35	100	0.070	<20	1.21	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619412	Soil	0.136	8	6	0.12	157	0.010	<20	0.43	<0.01	0.09	<2	0.12	<1	<5	<5	<5
619413	Soil	0.054	6	19	0.44	111	0.071	<20	1.33	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619414	Soil	0.050	7	21	0.47	127	0.075	<20	1.50	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619415	Soil	0.039	7	18	0.46	87	0.088	<20	1.30	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619416	Soil	0.048	7	14	0.32	102	0.062	<20	1.05	0.01	0.05	<2	0.08	<1	<5	<5	<5
619417	Soil	0.036	7	18	0.42	83	0.085	<20	1.21	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619418	Soil	0.076	11	17	0.26	133	0.051	<20	1.26	0.01	0.04	<2	0.09	<1	<5	<5	<5
619419	Soil	0.033	8	20	0.42	99	0.087	<20	1.58	0.01	0.05	<2	<0.05	<1	<5	<5	<5
619420	Soil	0.091	13	10	0.13	137	0.027	<20	0.96	0.02	0.03	<2	0.11	<1	<5	<5	<5
619421	Soil	0.052	10	25	0.63	132	0.106	<20	1.86	0.01	0.09	<2	<0.05	<1	<5	<5	<5
619422	Soil	0.040	10	19	0.48	132	0.085	<20	1.43	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619423	Soil	0.056	9	21	0.48	127	0.082	<20	1.50	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619424	Soil	0.067	15	17	0.33	184	0.053	<20	1.40	0.01	0.05	<2	0.07	<1	<5	<5	<5
619425	Soil	0.056	13	22	0.56	160	0.096	<20	1.70	0.02	0.07	<2	<0.05	<1	<5	<5	<5
619426	Soil	0.068	11	23	0.54	148	0.096	<20	1.61	0.02	0.08	<2	<0.05	<1	<5	<5	<5
619427	Soil	0.052	11	20	0.48	134	0.094	<20	1.52	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619428	Soil	0.045	15	25	0.66	197	0.125	<20	2.06	0.02	0.08	<2	<0.05	<1	<5	<5	<5
619429	Soil	0.047	12	23	0.69	181	0.138	<20	1.86	0.02	0.10	<2	<0.05	<1	<5	<5	<5
619430	Soil	0.049	11	22	0.67	178	0.129	<20	1.80	0.02	0.09	<2	<0.05	<1	<5	<5	<5
619431	Soil	0.067	10	22	0.95	142	0.178	<20	1.95	0.02	0.18	<2	<0.05	<1	<5	<5	<5
619432	Soil	0.049	11	22	0.72	187	0.144	<20	1.86	0.02	0.11	<2	<0.05	<1	<5	<5	<5
619433	Soil	0.057	11	23	0.81	121	0.170	<20	1.86	0.02	0.11	<2	<0.05	<1	<5	<5	<5
619434	Soil	0.055	11	26	0.85	182	0.158	<20	2.21	0.02	0.11	<2	<0.05	<1	<5	<5	<5
619435	Soil	0.041	12	22	0.66	180	0.134	<20	1.91	0.02	0.10	<2	<0.05	<1	<5	<5	<5
619436	Soil	0.032	11	22	0.68	172	0.149	<20	1.99	0.02	0.08	<2	<0.05	<1	<5	<5	<5
619437	Soil	0.023	9	19	0.51	216	0.109	<20	1.24	0.02	0.07	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1549575	Soil	5	<3	2	1	19	9	62	<0.3	20	9	412	2.84	9	3	30	<0.5	<3	<3	68	0.48
1549576	Soil	3	<3	<2	2	13	10	54	<0.3	16	8	262	2.71	17	<2	30	<0.5	<3	<3	74	0.43
1549577	Soil	7	3	3	1	16	7	51	<0.3	14	7	291	2.29	13	<2	33	<0.5	<3	<3	53	0.46
1549578	Soil	4	<3	<2	1	13	6	51	<0.3	14	7	270	2.49	15	<2	26	<0.5	<3	<3	64	0.38
1549579	Soil	6	<3	2	<1	14	9	51	<0.3	15	9	336	2.63	21	<2	26	<0.5	<3	<3	64	0.37
1549580	Soil	5	<3	<2	<1	19	9	56	<0.3	18	10	439	2.82	19	<2	26	<0.5	<3	<3	69	0.35
1549581	Soil	6	<3	2	<1	14	6	39	<0.3	11	6	343	1.69	10	<2	34	<0.5	<3	<3	43	0.49
1549582	Soil	9	<3	3	<1	17	13	57	<0.3	17	13	639	3.16	38	3	27	<0.5	<3	<3	78	0.35
1549583	Soil	6	<3	<2	<1	14	13	67	<0.3	15	15	868	3.30	48	3	22	<0.5	<3	<3	82	0.35
1549584	Soil	7	<3	<2	<1	16	12	65	<0.3	15	11	760	2.94	74	<2	27	<0.5	<3	<3	79	0.34
1549585	Soil	9	<3	2	<1	33	14	56	<0.3	19	11	627	2.85	49	2	34	<0.5	<3	<3	69	0.42
1549586	Soil	14	<3	3	<1	38	14	66	0.7	20	13	926	2.83	58	4	33	0.7	<3	<3	66	0.41
1549587	Soil	7	<3	<2	<1	17	14	65	<0.3	14	10	959	2.85	55	4	34	<0.5	<3	<3	71	0.47
1549588	Soil	9	<3	<2	<1	14	17	58	<0.3	13	8	365	2.73	68	3	40	<0.5	<3	<3	72	0.51
1549589	Soil	24	<3	<2	<1	20	17	68	<0.3	13	11	695	3.09	69	7	36	<0.5	<3	<3	73	0.53
1549590	Soil	10	<3	<2	<1	22	10	54	<0.3	19	12	459	2.93	33	5	34	<0.5	<3	<3	73	0.51
1549591	Soil	9	<3	<2	<1	18	8	55	<0.3	16	9	397	2.76	25	3	34	<0.5	<3	<3	65	0.50
1549592	Soil	8	<3	<2	<1	18	9	45	<0.3	13	8	392	2.35	38	<2	34	<0.5	<3	<3	60	0.49
1549593	Soil	6	<3	2	<1	19	11	49	<0.3	16	12	843	2.63	35	<2	59	<0.5	<3	<3	65	0.88
1549594	Soil	7	<3	2	<1	19	11	49	<0.3	16	12	893	2.52	32	<2	59	<0.5	<3	<3	63	0.89
E5672436	Soil	6	<3	<2	1	13	17	29	<0.3	9	4	158	1.53	5	<2	19	<0.5	<3	<3	42	0.21
E5672437	Soil	7	<3	<2	1	17	488	45	5.0	14	8	312	2.01	7	<2	39	<0.5	<3	<3	43	0.51
E5672438	Soil	I.S.	I.S.	I.S.	2	19	287	34	2.9	9	5	116	0.91	3	<2	58	<0.5	<3	<3	10	0.80
E5672439	Soil	5	<3	<2	1	11	96	42	0.9	12	5	183	1.98	8	<2	23	<0.5	<3	<3	50	0.30
E5672440	Soil	6	<3	<2	<1	16	11	48	<0.3	14	7	240	2.27	12	<2	23	<0.5	<3	<3	56	0.30
E5672441	Soil	5	<3	<2	<1	12	61	32	0.6	9	5	274	2.02	19	<2	14	<0.5	<3	<3	53	0.16
E5672442	Soil	6	<3	<2	<1	13	18	62	<0.3	15	19	1033	2.93	29	<2	19	<0.5	<3	<3	77	0.27
E5672443	Soil	11	<3	<2	<1	13	31	62	<0.3	14	9	390	2.83	52	4	19	<0.5	<3	<3	73	0.32
E5672444	Soil	9	<3	<2	<1	13	13	63	<0.3	12	8	327	2.61	63	2	20	<0.5	<3	<3	64	0.27
E5672445	Soil	11	<3	<2	<1	13	26	60	<0.3	12	8	348	2.57	69	3	18	<0.5	<3	<3	62	0.27

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Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1549575	Soil		0.059	11	33	0.83	170	0.153	<20	2.04	0.02	0.12	<2	<0.05	<1	<5	<5	5
1549576	Soil		0.043	9	28	0.71	146	0.138	<20	1.85	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1549577	Soil		0.055	10	24	0.54	170	0.096	<20	1.54	0.02	0.07	<2	0.05	<1	<5	<5	<5
1549578	Soil		0.037	9	23	0.60	137	0.132	<20	1.68	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1549579	Soil		0.047	9	25	0.60	136	0.114	<20	1.79	0.01	0.08	<2	<0.05	<1	<5	<5	<5
1549580	Soil		0.047	11	27	0.66	184	0.122	<20	2.04	0.01	0.07	<2	<0.05	<1	<5	<5	<5
1549581	Soil		0.033	7	17	0.39	134	0.080	<20	1.18	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1549582	Soil		0.030	11	29	0.66	196	0.120	<20	2.42	0.02	0.07	<2	<0.05	<1	<5	<5	5
1549583	Soil		0.056	12	25	0.84	169	0.134	<20	2.16	0.01	0.14	<2	<0.05	<1	<5	<5	<5
1549584	Soil		0.040	10	23	0.69	173	0.130	<20	2.06	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1549585	Soil		0.051	22	25	0.63	206	0.107	<20	1.94	0.02	0.08	<2	<0.05	<1	<5	<5	<5
1549586	Soil		0.050	20	26	0.60	197	0.112	<20	1.97	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549587	Soil		0.035	21	21	0.65	213	0.088	<20	1.80	0.01	0.12	<2	<0.05	<1	<5	<5	<5
1549588	Soil		0.025	12	21	0.58	169	0.095	<20	1.68	0.02	0.11	<2	<0.05	<1	<5	<5	<5
1549589	Soil		0.049	29	21	0.75	244	0.096	<20	1.81	0.01	0.12	<2	<0.05	<1	<5	6	7
1549590	Soil		0.048	22	30	0.73	195	0.138	<20	1.87	0.02	0.11	<2	<0.05	<1	<5	<5	6
1549591	Soil		0.049	20	24	0.64	191	0.128	<20	1.76	0.02	0.13	<2	<0.05	<1	<5	<5	<5
1549592	Soil		0.037	14	22	0.49	161	0.089	<20	1.48	0.02	0.06	<2	<0.05	<1	<5	<5	<5
1549593	Soil		0.044	11	24	0.57	213	0.090	<20	1.57	0.03	0.04	<2	<0.05	<1	<5	<5	<5
1549594	Soil		0.044	11	24	0.56	211	0.089	<20	1.54	0.03	0.04	<2	<0.05	<1	<5	<5	<5
E5672436	Soil		0.045	5	18	0.27	93	0.067	<20	0.97	0.01	0.04	<2	<0.05	<1	<5	<5	<5
E5672437	Soil		0.063	9	22	0.45	173	0.085	<20	1.48	<0.01	0.06	<2	0.06	<1	<5	<5	<5
E5672438	Soil		0.099	12	11	0.19	184	0.024	<20	0.65	<0.01	0.06	<2	0.16	<1	<5	<5	<5
E5672439	Soil		0.043	7	22	0.45	122	0.100	<20	1.37	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5672440	Soil		0.048	8	24	0.53	137	0.100	<20	1.55	0.01	0.06	<2	<0.05	<1	<5	<5	<5
E5672441	Soil		0.049	7	18	0.32	84	0.063	<20	1.09	0.01	0.04	<2	<0.05	<1	<5	<5	<5
E5672442	Soil		0.051	9	25	0.66	128	0.120	<20	1.88	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
E5672443	Soil		0.053	11	22	0.76	121	0.138	<20	1.72	0.01	0.15	<2	<0.05	<1	<5	<5	<5
E5672444	Soil		0.046	10	21	0.68	125	0.131	<20	1.74	0.01	0.17	<2	<0.05	<1	<5	<5	<5
E5672445	Soil		0.050	12	20	0.65	113	0.127	<20	1.69	<0.01	0.16	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5672446	Soil	8	<3	<2	<1	13	13	61	<0.3	13	9	341	2.71	48	3	20	<0.5	<3	<3	70	0.29
E5672447	Soil	I.S.	I.S.	I.S.	<1	11	155	28	1.6	6	12	818	0.71	9	<2	60	<0.5	<3	<3	10	0.75
E5672448	Soil	6	<3	<2	<1	12	10	53	<0.3	12	7	261	2.36	36	6	20	<0.5	<3	<3	61	0.35
E5672449	Soil	14	<3	<2	<1	20	15	65	<0.3	15	10	299	2.91	61	5	23	<0.5	<3	<3	69	0.33
E5672450	Soil	10	<3	<2	<1	20	14	57	<0.3	17	11	369	2.84	63	4	20	<0.5	<3	<3	68	0.27
E5672451	Soil	4	<3	<2	1	15	11	44	<0.3	9	8	457	2.73	22	2	16	<0.5	<3	<3	91	0.18
E5672452	Soil	9	<3	<2	<1	22	17	56	<0.3	17	9	421	3.12	20	5	20	<0.5	<3	<3	74	0.23
E5672453	Soil	7	<3	<2	<1	18	85	152	1.1	13	9	600	2.76	46	5	21	2.0	<3	<3	67	0.29
E5672454	Soil	11	<3	<2	1	18	26	60	0.3	13	9	517	2.72	68	6	30	<0.5	<3	<3	66	0.37
E5672455	Soil	10	<3	<2	<1	20	21	64	<0.3	14	11	472	3.05	84	6	40	<0.5	<3	<3	71	0.59
E5672456	Soil	415	<3	<2	<1	29	12	69	<0.3	15	17	599	4.08	23	3	36	<0.5	<3	<3	123	0.71
E5672457	Soil	28	<3	3	<1	17	16	53	<0.3	14	9	498	2.53	38	<2	46	<0.5	<3	<3	62	0.67
E5672458	Soil	5	<3	<2	<1	21	10	54	<0.3	17	10	415	2.71	28	2	39	<0.5	<3	<3	70	0.56
E5672459	Soil	8	<3	4	<1	23	12	48	<0.3	16	12	553	2.62	29	2	34	<0.5	<3	<3	68	0.50
619401	Soil	6	<3	2	<1	19	16	52	<0.3	16	11	549	2.79	39	4	35	<0.5	<3	<3	73	0.51
619402	Soil	6	4	3	<1	23	9	50	<0.3	17	9	387	2.40	19	<2	35	<0.5	<3	<3	60	0.54
619403	Soil	7	<3	2	<1	18	8	46	<0.3	16	8	280	2.26	12	<2	27	<0.5	<3	<3	60	0.42
619404	Soil	5	4	2	<1	18	12	49	<0.3	16	9	415	2.35	14	<2	35	<0.5	<3	<3	61	0.61
90037	Soil	6	3	<2	<1	25	8	66	<0.3	23	9	384	2.93	59	<2	23	<0.5	<3	<3	69	0.33
90038	Soil	6	<3	3	<1	25	10	66	<0.3	24	9	388	2.98	62	<2	23	<0.5	<3	<3	71	0.34
90039	Soil	49	3	3	<1	20	38	56	<0.3	14	5	259	2.46	247	<2	14	<0.5	<3	<3	61	0.16
90040	Soil	4	<3	<2	<1	16	9	46	<0.3	17	7	199	2.26	6	<2	20	<0.5	<3	<3	58	0.31
90041	Soil	6	6	2	<1	27	16	54	<0.3	24	9	387	3.27	40	3	24	<0.5	<3	<3	78	0.35
90042	Soil	6	4	4	<1	18	10	33	<0.3	9	6	539	1.71	14	<2	16	<0.5	<3	<3	49	0.15
90102	Soil	14	3	4	1	35	39	64	0.3	21	11	886	3.00	160	<2	44	<0.5	<3	<3	72	0.61
90107	Soil	23	<3	<2	<1	14	8	46	<0.3	14	7	283	2.24	57	<2	23	<0.5	<3	<3	56	0.30
22746	Soil	15	20	10	<1	9	4	30	<0.3	6	3	54	0.97	6	<2	31	<0.5	<3	<3	27	0.32
22747	Soil	I.S.	I.S.	I.S.	<1	29	19	37	<0.3	17	8	1008	2.19	201	<2	50	<0.5	5	<3	46	0.72
22748	Soil	20	6	4	1	19	34	76	<0.3	16	12	773	3.10	145	5	27	0.7	4	<3	75	0.44
22749	Soil	5	<3	2	2	24	13	41	<0.3	16	7	301	2.54	25	<2	24	<0.5	<3	<3	74	0.36

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5672446	Soil		0.052	11	22	0.68	145	0.122	<20	1.76	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
E5672447	Soil		0.086	20	4	0.16	183	0.018	<20	0.53	<0.01	0.06	<2	0.11	<1	<5	<5	<5
E5672448	Soil		0.060	9	19	0.62	136	0.118	<20	1.50	0.01	0.13	<2	<0.05	<1	<5	<5	<5
E5672449	Soil		0.056	15	25	0.75	208	0.146	<20	2.11	0.01	0.16	<2	<0.05	<1	<5	<5	<5
E5672450	Soil		0.044	11	26	0.64	172	0.103	<20	2.13	0.01	0.08	<2	<0.05	<1	<5	<5	<5
E5672451	Soil		0.039	9	15	0.48	166	0.118	<20	1.42	<0.01	0.15	<2	<0.05	<1	<5	6	<5
E5672452	Soil		0.062	10	24	0.46	170	0.072	<20	2.00	<0.01	0.11	<2	<0.05	<1	<5	6	<5
E5672453	Soil		0.039	14	20	0.48	198	0.086	<20	1.70	0.01	0.10	<2	<0.05	<1	<5	<5	5
E5672454	Soil		0.020	22	21	0.45	304	0.069	<20	1.83	0.01	0.07	<2	<0.05	<1	<5	5	7
E5672455	Soil		0.041	26	22	0.64	311	0.103	<20	1.85	0.02	0.11	<2	<0.05	<1	<5	<5	8
E5672456	Soil		0.101	13	20	1.18	203	0.236	<20	2.11	0.02	0.51	<2	<0.05	<1	<5	<5	6
E5672457	Soil		0.049	15	22	0.61	213	0.095	<20	1.61	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5672458	Soil		0.047	13	26	0.64	214	0.102	<20	1.78	0.02	0.06	<2	<0.05	<1	<5	<5	<5
E5672459	Soil		0.048	11	24	0.58	160	0.100	<20	1.57	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619401	Soil		0.042	11	26	0.64	161	0.112	<20	1.73	0.03	0.05	<2	<0.05	<1	<5	<5	<5
619402	Soil		0.058	9	25	0.57	161	0.092	<20	1.55	0.02	0.06	<2	<0.05	<1	<5	<5	<5
619403	Soil		0.051	7	23	0.50	130	0.082	<20	1.44	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619404	Soil		0.066	9	22	0.60	129	0.096	<20	1.37	0.03	0.08	<2	<0.05	<1	<5	<5	<5
90037	Soil		0.067	10	32	0.61	156	0.115	<20	2.51	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90038	Soil		0.068	10	34	0.63	158	0.119	<20	2.55	0.01	0.08	<2	<0.05	<1	<5	<5	<5
90039	Soil		0.060	6	24	0.39	76	0.080	<20	1.50	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
90040	Soil		0.065	8	26	0.52	103	0.109	<20	1.91	0.01	0.07	<2	<0.05	<1	<5	<5	<5
90041	Soil		0.052	11	36	0.72	169	0.139	<20	2.43	0.01	0.08	<2	<0.05	<1	<5	<5	6
90042	Soil		0.036	5	14	0.16	84	0.056	<20	0.91	0.02	0.03	<2	<0.05	<1	<5	<5	<5
90102	Soil		0.079	22	31	0.63	322	0.105	<20	2.18	0.02	0.09	<2	0.07	<1	<5	<5	5
90107	Soil		0.047	6	22	0.44	183	0.093	<20	1.50	0.02	0.07	<2	<0.05	<1	<5	<5	<5
22746	Soil		0.054	3	12	0.11	117	0.032	<20	0.51	0.02	0.03	<2	0.09	<1	<5	<5	<5
22747	Soil		0.107	20	23	0.35	330	0.054	<20	1.36	0.02	0.08	<2	0.13	<1	<5	<5	<5
22748	Soil		0.080	15	27	0.66	187	0.130	<20	1.78	0.02	0.15	<2	<0.05	<1	<5	<5	6
22749	Soil		0.071	11	28	0.44	178	0.116	<20	1.59	0.02	0.09	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
22750	Soil	<2	5	<2	<1	7	4	17	<0.3	4	2	74	0.84	3	<2	12	<0.5	<3	<3	24	0.13
22751	Soil	4	11	<2	<1	9	13	51	<0.3	7	9	542	2.71	66	10	17	<0.5	<3	<3	64	0.41
1549572	Soil	10	9	<2	1	20	46	92	<0.3	17	10	630	2.73	125	10	79	0.7	<3	<3	53	0.91
1549573	Soil	33	4	<2	1	13	44	90	<0.3	14	9	418	2.69	107	10	61	<0.5	4	<3	52	0.77
1549574	Soil	27	15	9	1	12	20	53	<0.3	11	8	514	1.99	44	5	71	<0.5	<3	<3	43	0.93
619854	Soil	8	3	3	<1	19	10	50	<0.3	16	8	293	2.55	26	2	32	<0.5	<3	<3	62	0.52
619857	Soil	14	<3	2	<1	27	16	68	<0.3	20	12	542	3.47	112	4	32	<0.5	<3	<3	85	0.52
619858	Soil	10	<3	2	<1	20	9	63	<0.3	18	10	362	2.78	36	<2	32	<0.5	<3	<3	67	0.50
619873	Soil	13	4	3	2	13	20	56	<0.3	17	9	387	3.12	56	8	37	<0.5	<3	<3	62	0.37
619874	Soil	14	24	7	1	18	18	50	<0.3	17	8	478	2.69	36	6	47	<0.5	<3	<3	51	0.47
619875	Soil	40	13	6	2	21	21	78	<0.3	22	13	996	3.60	62	9	48	<0.5	<3	<3	63	0.45
619876	Soil	10	4	2	<1	4	10	27	<0.3	2	1	84	0.68	18	<2	11	<0.5	<3	<3	20	0.12
619877	Soil	12	6	7	<1	6	8	15	<0.3	2	1	46	0.42	4	<2	14	<0.5	<3	<3	10	0.11
619878	Soil	8	<3	2	1	17	18	39	<0.3	11	5	223	2.17	27	4	20	<0.5	<3	<3	54	0.22
619879	Soil	9	<3	4	<1	53	15	37	0.4	20	6	209	2.36	9	3	19	<0.5	<3	<3	43	0.17
619880	Soil	7	<3	4	1	19	12	43	<0.3	16	7	218	2.70	8	<2	24	<0.5	<3	<3	65	0.28
581118	Soil	5	3	3	<1	26	7	46	<0.3	21	10	409	2.64	9	<2	51	<0.5	<3	<3	69	0.87
1173842	Soil	4	<3	<2	<1	23	7	45	<0.3	19	9	349	2.72	14	<2	37	<0.5	<3	<3	69	0.65
1173843	Soil	5	<3	<2	<1	24	7	51	<0.3	21	10	401	2.78	15	<2	36	<0.5	<3	<3	74	0.63
1173844	Soil	6	<3	<2	<1	20	6	45	<0.3	18	10	357	2.61	15	<2	39	<0.5	<3	<3	69	0.66
1173845	Soil	11	<3	3	<1	23	6	45	<0.3	19	8	291	2.51	14	2	36	<0.5	<3	<3	70	0.60
1173846	Soil	4	<3	<2	<1	18	7	49	<0.3	16	9	499	2.46	19	<2	52	<0.5	<3	<3	63	0.82
1173847	Soil	7	<3	2	<1	34	6	52	<0.3	25	10	393	2.76	7	<2	44	<0.5	<3	<3	72	0.85
1173848	Soil	3	<3	<2	<1	21	9	46	<0.3	15	9	455	2.48	11	3	53	<0.5	<3	<3	63	0.83
1173849	Soil	8	<3	<2	<1	30	7	48	<0.3	18	9	390	2.31	9	<2	42	<0.5	<3	<3	56	0.65
1173850	Soil	4	<3	<2	<1	18	5	50	<0.3	15	10	437	2.54	7	3	30	<0.5	<3	<3	63	0.46
1173880	Soil	3	<3	<2	<1	17	9	51	<0.3	15	8	270	2.30	5	7	27	<0.5	<3	<3	51	0.30
1173881	Soil	4	4	<2	<1	23	15	40	<0.3	14	10	337	3.41	7	25	23	<0.5	<3	<3	59	0.23
1173882	Soil	2	<3	<2	1	14	5	52	<0.3	14	9	853	2.36	6	<2	19	<0.5	<3	<3	61	0.21
1173883	Soil	4	<3	<2	1	17	7	41	<0.3	18	9	316	3.01	8	9	20	<0.5	<3	<3	73	0.21

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34A Laberge Road
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Project: PGC-17062-YT
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CERTIFICATE OF ANALYSIS WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22750	Soil		0.036	2	6	0.09	49	0.033	<20	0.31	0.02	0.03	<2	<0.05	<1	<5	<5	<5
22751	Soil		0.085	20	11	0.70	167	0.123	<20	1.17	0.02	0.39	<2	<0.05	<1	<5	<5	<5
1549572	Soil		0.051	36	30	0.74	290	0.099	<20	1.74	0.03	0.15	<2	<0.05	<1	<5	<5	6
1549573	Soil		0.048	30	24	0.75	191	0.115	<20	1.63	0.02	0.17	<2	<0.05	<1	<5	<5	5
1549574	Soil		0.037	18	19	0.53	162	0.085	<20	1.27	0.03	0.08	<2	0.06	<1	<5	<5	<5
619854	Soil		0.058	9	26	0.66	198	0.121	<20	1.72	0.02	0.09	<2	<0.05	<1	<5	<5	<5
619857	Soil		0.070	17	32	1.05	303	0.164	<20	2.37	0.02	0.28	<2	<0.05	<1	<5	<5	9
619858	Soil		0.063	10	28	0.79	201	0.137	<20	1.96	0.02	0.11	<2	<0.05	<1	<5	<5	5
619873	Soil		0.023	21	26	0.66	224	0.096	<20	1.94	0.01	0.18	<2	<0.05	<1	<5	<5	<5
619874	Soil		0.033	21	25	0.51	404	0.065	<20	1.79	0.02	0.14	<2	<0.05	<1	<5	<5	<5
619875	Soil		0.037	24	33	0.70	599	0.055	<20	2.73	0.01	0.20	<2	<0.05	<1	<5	7	8
619876	Soil		0.013	3	6	0.07	77	0.038	<20	0.33	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619877	Soil		0.021	4	5	0.04	81	0.015	<20	0.30	0.02	0.03	<2	<0.05	<1	<5	<5	<5
619878	Soil		0.020	11	19	0.26	222	0.044	<20	1.45	0.01	0.06	<2	<0.05	<1	<5	<5	<5
619879	Soil		0.058	14	23	0.22	401	0.020	<20	1.99	<0.01	0.07	<2	<0.05	<1	<5	5	<5
619880	Soil		0.027	10	26	0.43	261	0.059	<20	1.99	0.01	0.06	<2	<0.05	<1	<5	<5	<5
581118	Soil		0.047	10	28	0.61	192	0.107	<20	1.71	0.04	0.05	<2	<0.05	<1	<5	<5	<5
1173842	Soil		0.066	10	27	0.61	152	0.126	<20	1.67	0.03	0.06	<2	<0.05	<1	<5	<5	<5
1173843	Soil		0.078	11	28	0.63	146	0.119	<20	1.71	0.03	0.07	<2	<0.05	<1	<5	<5	<5
1173844	Soil		0.063	9	27	0.60	134	0.121	<20	1.62	0.03	0.06	<2	<0.05	<1	<5	<5	<5
1173845	Soil		0.063	10	27	0.60	137	0.120	<20	1.49	0.04	0.08	<2	<0.05	<1	<5	<5	<5
1173846	Soil		0.057	11	25	0.62	181	0.112	<20	1.55	0.04	0.07	<2	<0.05	<1	<5	<5	<5
1173847	Soil		0.065	11	30	0.73	157	0.124	<20	1.61	0.06	0.07	<2	<0.05	<1	<5	<5	<5
1173848	Soil		0.047	11	21	0.62	186	0.116	<20	1.59	0.03	0.13	<2	<0.05	<1	<5	<5	<5
1173849	Soil		0.054	16	22	0.56	226	0.090	<20	1.62	0.02	0.10	<2	<0.05	<1	<5	<5	5
1173850	Soil		0.049	9	23	0.65	156	0.133	<20	1.68	0.02	0.13	<2	<0.05	<1	<5	<5	<5
1173880	Soil		0.014	19	23	0.83	139	0.116	<20	1.67	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173881	Soil		0.020	42	25	0.52	218	0.048	<20	2.02	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173882	Soil		0.021	5	26	0.40	190	0.074	<20	1.52	0.01	0.05	<2	<0.05	<1	<5	<5	<5
1173883	Soil		0.012	14	33	0.59	231	0.096	<20	1.75	0.01	0.10	<2	<0.05	<1	<5	<5	<5

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	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
1173884	Soil	10	<3	<2	3	16	7	38	<0.3	16	8	343	2.76	6	8	24	<0.5	<3	<3	62	0.27
1173885	Soil	5	<3	<2	1	13	6	42	<0.3	10	7	442	2.53	5	4	20	<0.5	<3	<3	50	0.24
1173886	Soil	3	<3	<2	1	14	9	63	<0.3	10	9	457	3.39	7	15	20	<0.5	<3	<3	54	0.28
1173887	Soil	2	<3	<2	2	12	11	54	<0.3	12	8	290	3.02	6	19	19	<0.5	<3	<3	47	0.23
1173888	Soil	6	<3	<2	1	17	25	47	<0.3	15	9	562	2.84	6	7	57	<0.5	<3	<3	53	0.77
1173889	Soil	4	<3	<2	1	24	10	53	<0.3	19	10	544	2.57	6	5	63	<0.5	<3	<3	52	0.83
1173890	Soil	5	<3	<2	<1	25	9	43	<0.3	15	7	380	2.09	6	3	71	<0.5	<3	<3	45	1.03
1173891	Soil	7	<3	<2	<1	19	16	44	<0.3	13	8	365	2.19	13	2	75	<0.5	<3	<3	46	1.05
1173892	Soil	11	4	<2	<1	21	11	60	<0.3	13	8	538	2.17	28	3	92	<0.5	<3	<3	46	1.18
1173893	Soil	13	<3	<2	1	19	14	43	<0.3	11	10	690	2.21	31	3	87	<0.5	<3	<3	49	1.11
1173894	Soil	12	3	<2	<1	13	10	49	<0.3	10	7	255	2.19	15	4	43	<0.5	<3	<3	46	0.56
1173977	Soil	7	8	3	<1	15	8	43	<0.3	14	7	207	2.26	33	3	25	<0.5	<3	<3	50	0.33
1173978	Soil	7	<3	<2	<1	17	17	47	<0.3	14	7	211	2.27	75	2	25	<0.5	<3	<3	50	0.34
1173979	Soil	8	4	3	<1	21	10	39	<0.3	13	6	211	2.09	64	2	33	<0.5	<3	<3	47	0.38
1173980	Soil	8	<3	2	<1	21	10	58	<0.3	19	11	509	3.12	125	6	27	<0.5	<3	<3	75	0.40
1173981	Soil	5	<3	<2	<1	17	9	58	<0.3	17	10	425	2.91	100	6	24	<0.5	<3	<3	71	0.35
1173982	Soil	8	<3	<2	<1	18	20	62	<0.3	16	9	376	2.78	195	4	24	<0.5	<3	<3	63	0.33
1173983	Soil	4	<3	<2	<1	17	31	60	<0.3	17	9	295	2.60	94	4	23	<0.5	<3	<3	60	0.35
1173984	Soil	5	4	3	<1	17	18	49	<0.3	15	7	214	2.29	63	3	24	<0.5	<3	<3	52	0.30
1173985	Soil	5	3	<2	<1	17	14	42	<0.3	14	6	213	2.03	80	<2	24	<0.5	<3	<3	47	0.31

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Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

CERTIFICATE OF ANALYSIS WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1173884	Soil		0.018	26	28	0.57	368	0.091	<20	1.40	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173885	Soil		0.025	15	15	0.41	286	0.051	<20	1.37	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173886	Soil		0.027	29	16	0.64	253	0.123	<20	1.70	0.01	0.38	<2	<0.05	<1	<5	<5	6
1173887	Soil		0.023	35	19	0.58	251	0.077	<20	1.41	0.01	0.15	<2	<0.05	<1	<5	<5	<5
1173888	Soil		0.033	21	24	0.48	378	0.080	<20	1.60	0.02	0.18	<2	<0.05	<1	<5	<5	5
1173889	Soil		0.027	17	40	0.94	342	0.104	<20	1.71	0.03	0.21	<2	<0.05	<1	<5	<5	7
1173890	Soil		0.040	13	20	0.54	280	0.083	<20	1.32	0.04	0.12	<2	<0.05	<1	<5	<5	<5
1173891	Soil		0.043	13	21	0.53	202	0.079	<20	1.38	0.03	0.09	<2	<0.05	<1	<5	<5	<5
1173892	Soil		0.039	13	20	0.57	215	0.077	<20	1.35	0.03	0.12	<2	<0.05	<1	<5	<5	<5
1173893	Soil		0.040	12	19	0.50	235	0.071	<20	1.26	0.02	0.10	<2	<0.05	<1	<5	<5	<5
1173894	Soil		0.035	14	18	0.51	196	0.081	<20	1.38	0.02	0.09	<2	<0.05	<1	<5	<5	<5
1173977	Soil		0.043	8	23	0.53	119	0.102	<20	1.64	0.01	0.06	<2	<0.05	<1	<5	5	<5
1173978	Soil		0.050	9	24	0.55	124	0.103	<20	1.76	0.02	0.07	<2	<0.05	<1	<5	5	<5
1173979	Soil		0.046	13	20	0.42	158	0.079	<20	1.62	0.02	0.07	<2	<0.05	<1	<5	<5	<5
1173980	Soil		0.061	15	29	0.75	174	0.137	<20	2.15	0.02	0.12	<2	<0.05	<1	<5	<5	<5
1173981	Soil		0.068	11	26	0.74	144	0.129	<20	1.96	0.01	0.11	<2	<0.05	<1	<5	<5	<5
1173982	Soil		0.056	10	25	0.64	137	0.113	<20	1.93	0.01	0.10	<2	<0.05	<1	<5	<5	<5
1173983	Soil		0.053	9	26	0.69	120	0.126	<20	1.91	0.01	0.09	<2	<0.05	<1	<5	<5	<5
1173984	Soil		0.036	9	24	0.59	120	0.110	<20	1.67	0.01	0.07	<2	<0.05	<1	<5	<5	<5
1173985	Soil		0.040	8	21	0.51	118	0.090	<20	1.44	0.02	0.05	<2	<0.05	<1	<5	<5	<5

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Project: PGC-17062-YT
Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
E5670572	Soil		10	6	<2	<1	13	9	58	<0.3	13	10	432	2.68	37	2	24	<0.5	<3	<3	72	0.33
REP E5670572	QC		12	5	<2																	
E5670577	Soil		6	<3	<2	<1	11	8	40	<0.3	11	5	141	1.80	9	<2	19	<0.5	<3	<3	43	0.21
REP E5670577	QC					<1	11	6	41	<0.3	11	5	143	1.84	8	<2	19	<0.5	<3	<3	44	0.21
619419	Soil		7	4	3	<1	13	9	39	<0.3	12	5	148	2.07	12	<2	16	<0.5	<3	<3	48	0.19
REP 619419	QC		8	<3	3																	
619424	Soil		10	5	3	<1	18	11	40	<0.3	11	11	702	2.13	42	<2	38	<0.5	<3	<3	39	0.45
REP 619424	QC					<1	18	12	40	<0.3	11	11	704	2.14	42	<2	38	<0.5	<3	<3	39	0.45
1549590	Soil		10	<3	<2	<1	22	10	54	<0.3	19	12	459	2.93	33	5	34	<0.5	<3	<3	73	0.51
REP 1549590	QC		10	<3	2																	
619402	Soil		6	4	3	<1	23	9	50	<0.3	17	9	387	2.40	19	<2	35	<0.5	<3	<3	60	0.54
REP 619402	QC		9	<3	3																	
22748	Soil		20	6	4	1	19	34	76	<0.3	16	12	773	3.10	145	5	27	0.7	4	<3	75	0.44
REP 22748	QC					1	19	35	77	<0.3	16	12	795	3.15	143	4	28	0.7	4	<3	75	0.45
1173849	Soil		8	<3	<2	<1	30	7	48	<0.3	18	9	390	2.31	9	<2	42	<0.5	<3	<3	56	0.65
REP 1173849	QC		6	<3	<2																	
1173885	Soil		5	<3	<2	1	13	6	42	<0.3	10	7	442	2.53	5	4	20	<0.5	<3	<3	50	0.24
REP 1173885	QC					1	13	8	42	<0.3	10	7	435	2.51	6	3	20	<0.5	<3	<3	51	0.24
Reference Materials																						
STD CDN-PGMS-19	Standard		232	104	459																	
STD CDN-PGMS-23	Standard		492	471	2060																	
STD CDN-PGMS-19	Standard		233	111	486																	
STD CDN-PGMS-23	Standard		537	485	2158																	
STD CDN-PGMS-19	Standard		208	123	489																	
STD CDN-PGMS-23	Standard		489	499	2145																	
STD CDN-PGMS-19	Standard		240	120	474																	
STD CDN-PGMS-23	Standard		477	469	2089																	
STD CDN-PGMS-19	Standard		209	101	480																	

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Project: PGC-17062-YT
Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
E5670572	Soil		0.054	11	23	0.62	141	0.123	<20	1.77	0.02	0.08	<2	<0.05	<1	<5	<5	<5
REP E5670572	QC																	
E5670577	Soil		0.034	6	19	0.41	93	0.085	<20	1.27	0.01	0.05	<2	<0.05	<1	<5	<5	<5
REP E5670577	QC		0.034	6	19	0.41	95	0.087	<20	1.30	0.02	0.05	<2	<0.05	<1	<5	<5	<5
619419	Soil		0.033	8	20	0.42	99	0.087	<20	1.58	0.01	0.05	<2	<0.05	<1	<5	<5	<5
REP 619419	QC																	
619424	Soil		0.067	15	17	0.33	184	0.053	<20	1.40	0.01	0.05	<2	0.07	<1	<5	<5	<5
REP 619424	QC		0.068	14	17	0.33	186	0.053	<20	1.40	0.01	0.05	<2	0.07	<1	<5	<5	<5
1549590	Soil		0.048	22	30	0.73	195	0.138	<20	1.87	0.02	0.11	<2	<0.05	<1	<5	<5	6
REP 1549590	QC																	
619402	Soil		0.058	9	25	0.57	161	0.092	<20	1.55	0.02	0.06	<2	<0.05	<1	<5	<5	<5
REP 619402	QC																	
22748	Soil		0.080	15	27	0.66	187	0.130	<20	1.78	0.02	0.15	<2	<0.05	<1	<5	<5	6
REP 22748	QC		0.080	15	28	0.67	192	0.133	<20	1.82	0.02	0.15	<2	<0.05	<1	<5	<5	6
1173849	Soil		0.054	16	22	0.56	226	0.090	<20	1.62	0.02	0.10	<2	<0.05	<1	<5	<5	5
REP 1173849	QC																	
1173885	Soil		0.025	15	15	0.41	286	0.051	<20	1.37	0.01	0.10	<2	<0.05	<1	<5	<5	<5
REP 1173885	QC		0.026	15	16	0.41	284	0.050	<20	1.37	0.01	0.10	<2	<0.05	<1	<5	<5	<5
Reference Materials																		
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-23	Standard																	
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-23	Standard																	
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-23	Standard																	
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-23	Standard																	
STD CDN-PGMS-19	Standard																	

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Project: PGC-17062-YT
Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
STD DS10	Standard				14	153	152	372	1.7	77	13	902	2.85	45	6	69	2.4	7	10	44	1.08
STD DS10	Standard				15	154	151	381	1.6	75	12	885	2.83	47	7	66	2.4	6	11	43	1.08
STD DS10	Standard				13	145	142	346	1.6	69	11	826	2.64	41	6	63	2.2	7	10	40	1.02
STD DS10	Standard				12	146	148	346	1.8	70	12	848	2.64	43	6	61	2.2	9	10	40	0.99
STD DS10	Standard				12	147	143	357	1.8	69	11	837	2.62	42	6	62	2.3	7	11	40	1.02
STD DS10	Standard				14	153	149	370	1.7	74	12	893	2.71	44	5	67	2.3	8	11	42	1.07
STD DS11	Standard				14	151	135	356	1.9	80	13	1067	3.14	44	5	67	2.2	7	10	50	1.05
STD OREAS45EA	Standard				3	729	11	33	<0.3	423	57	436	25.28	11	8	4	<0.5	<3	<3	324	0.04
STD OREAS45EA	Standard				1	694	17	29	<0.3	372	51	401	21.32	5	7	3	0.8	<3	<3	299	0.04
STD OREAS45EA	Standard				1	690	19	29	<0.3	374	51	396	21.01	6	8	4	0.8	<3	<3	297	0.04
STD OREAS45EA	Standard				2	647	13	29	0.4	357	50	393	22.50	12	8	3	<0.5	<3	<3	290	0.03
STD OREAS45EA	Standard				2	651	19	28	<0.3	358	50	379	19.63	5	7	3	0.9	<3	<3	291	0.04
STD OREAS45EA	Standard				2	703	15	30	0.3	386	54	413	21.74	6	6	4	<0.5	<3	<3	311	0.04
STD DS10 Expected					13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD DS11 Expected					13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063
STD CDN-PGMS-23 Expected		496	456	2032																	
STD CDN-PGMS-19 Expected		230	108	476																	
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	

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Project: PGC-17062-YT
Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD DS10	Standard	0.080	17	55	0.81	435	0.078	<20	1.06	0.07	0.34	3	0.29	<1	<5	<5	<5
STD DS10	Standard	0.076	16	54	0.80	435	0.077	<20	1.03	0.07	0.34	3	0.29	<1	6	<5	<5
STD DS10	Standard	0.071	16	49	0.75	401	0.075	<20	0.97	0.06	0.32	3	0.27	<1	6	<5	<5
STD DS10	Standard	0.072	14	50	0.75	395	0.066	<20	0.94	0.06	0.31	<2	0.27	<1	<5	<5	<5
STD DS10	Standard	0.071	15	51	0.75	397	0.070	<20	0.95	0.06	0.32	3	0.27	<1	7	<5	<5
STD DS10	Standard	0.076	16	55	0.80	420	0.076	<20	1.02	0.07	0.34	4	0.29	<1	6	<5	<5
STD DS11	Standard	0.071	18	59	0.88	439	0.093	<20	1.16	0.07	0.41	3	0.29	<1	6	<5	<5
STD OREAS45EA	Standard	0.032	8	924	0.10	153	0.105	<20	3.49	0.02	0.06	<2	<0.05	<1	10	13	90
STD OREAS45EA	Standard	0.029	7	855	0.09	143	0.099	<20	3.21	0.02	0.05	<2	<0.05	<1	<5	18	80
STD OREAS45EA	Standard	0.029	7	857	0.10	143	0.099	<20	3.20	0.01	0.05	<2	<0.05	<1	<5	20	82
STD OREAS45EA	Standard	0.028	7	830	0.09	142	0.088	<20	2.88	0.02	0.05	<2	<0.05	<1	10	12	77
STD OREAS45EA	Standard	0.028	7	828	0.09	142	0.094	21	2.96	0.02	0.05	<2	<0.05	<1	<5	24	77
STD OREAS45EA	Standard	0.030	8	891	0.10	148	0.100	<20	3.23	0.01	0.06	<2	<0.05	<1	<5	20	84
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
STD CDN-PGMS-23 Expected																	
STD CDN-PGMS-19 Expected																	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		FA330 Au ppb 2	FA330 Pt ppb 3	FA330 Pd ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01
BLK	Blank				<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank	<2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT

Report Date: August 05, 2017

QUALITY CONTROL REPORT WHI17000275.1

		AQ300 P % 0.001	AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																

APPENDIX 5c

ORIGINAL SILT ASSAY CERTIFICATES

BUREAU VERITAS MINERAL LABORATORIES Canada

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 05, 2017
Report Date: August 01, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000232.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	34	Dry at 60C			WHI
SS80	34	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	34	Save all or part of Soil Reject			WHI
FA330	34	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	34	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	34	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	34	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000232.1

Method		FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
E5667963	Silt	13	<3	<2	<1	9	<3	52	<0.3	12	9	485	2.54	16	6	22	<0.5	<3	<3	64	0.34
E5667964	Silt	95	<3	<2	<1	11	<3	56	<0.3	12	8	450	2.84	93	4	30	<0.5	<3	<3	68	0.44
E5667976	Silt	11	<3	<2	<1	17	<3	54	<0.3	14	10	882	2.89	17	5	57	<0.5	<3	<3	67	0.70
E5667977	Silt	32	4	<2	<1	9	5	62	<0.3	7	9	852	3.89	36	14	28	<0.5	<3	<3	76	0.52
E5667978	Silt	6	<3	<2	<1	11	7	63	<0.3	11	10	914	3.03	12	9	31	<0.5	<3	<3	68	0.45
E5667979	Silt	7	<3	<2	<1	11	5	60	<0.3	11	9	848	2.88	12	6	35	<0.5	<3	<3	63	0.49
E5667980	Silt	28	<3	<2	<1	10	5	55	<0.3	8	8	735	3.23	22	10	30	<0.5	<3	<3	67	0.45
E5667982	Silt	28	<3	<2	<1	11	7	61	<0.3	8	8	742	3.28	33	14	34	<0.5	<3	<3	67	0.43
E5667997	Silt	9	<3	<2	<1	11	3	61	<0.3	13	12	855	3.14	20	5	31	<0.5	<3	<3	79	0.49
E5667999	Silt	14	<3	<2	<1	10	<3	55	<0.3	10	9	565	2.79	32	8	25	<0.5	<3	<3	68	0.38
E5668000	Silt	11	<3	<2	<1	10	<3	56	<0.3	11	9	611	2.67	29	7	25	<0.5	<3	<3	67	0.39
22656	Silt	11	<3	<2	<1	15	5	68	<0.3	15	10	625	3.39	84	6	51	<0.5	<3	<3	67	0.74
22657	Silt	17	<3	<2	<1	17	6	70	<0.3	15	10	746	2.99	114	5	59	<0.5	<3	<3	62	0.84
22658	Silt	16	<3	<2	<1	15	8	79	<0.3	15	11	926	3.54	99	5	49	0.6	<3	<3	74	0.73
22659	Silt	15	<3	<2	<1	16	5	74	<0.3	15	10	785	3.19	83	5	52	<0.5	<3	<3	67	0.72
22660	Silt	22	<3	<2	<1	17	4	75	<0.3	15	10	872	3.03	82	6	50	0.7	<3	<3	66	0.69
22661	Silt	12	<3	3	<1	13	5	63	<0.3	12	9	743	3.73	41	5	32	<0.5	<3	<3	78	0.53
22662	Silt	12	<3	<2	<1	14	<3	62	<0.3	13	10	772	3.19	45	3	30	<0.5	<3	<3	73	0.45
22663	Silt	15	<3	2	<1	13	5	59	<0.3	13	11	938	3.38	45	5	28	<0.5	<3	<3	78	0.45
22664	Silt	8	<3	<2	<1	15	4	62	<0.3	13	10	808	3.85	42	6	31	<0.5	<3	<3	84	0.48
E5668001	Silt	50	<3	<2	<1	10	5	56	<0.3	9	8	464	2.83	45	10	26	<0.5	<3	<3	68	0.44
E5668002	Silt	8	<3	<2	<1	11	4	56	<0.3	10	9	599	2.64	39	6	29	<0.5	<3	<3	65	0.45
E5668003	Silt	5	<3	<2	<1	8	<3	42	<0.3	11	5	181	1.83	4	<2	22	<0.5	<3	<3	43	0.33
E5668004	Silt	17	<3	<2	<1	9	3	48	<0.3	9	7	414	2.36	31	4	26	<0.5	<3	<3	61	0.42
E5668006	Silt	7	<3	3	<1	9	<3	51	<0.3	9	9	492	2.35	27	5	25	<0.5	<3	<3	59	0.40
E5668007	Silt	9	<3	2	<1	10	3	53	<0.3	9	9	563	2.75	38	6	24	<0.5	<3	<3	67	0.41
E5668008	Silt	11	<3	<2	<1	13	<3	55	<0.3	13	9	465	2.86	17	3	33	<0.5	<3	<3	72	0.59
E5668009	Silt	5	<3	<2	<1	12	4	55	<0.3	12	10	473	2.77	20	6	30	<0.5	<3	<3	66	0.51
22651	Silt	9	<3	<2	<1	12	<3	52	<0.3	11	10	427	2.89	16	5	27	<0.5	<3	<3	69	0.51
22652	Silt	6	<3	<2	<1	12	<3	60	<0.3	10	12	572	3.62	23	10	24	<0.5	<3	<3	77	0.49

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000232.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
E5667963	Silt		0.049	19	20	0.51	148	0.117	<20	1.48	0.02	0.08	<2	<0.05	<1	<5	<5	<5
E5667964	Silt		0.051	20	21	0.55	162	0.129	<20	1.58	0.02	0.10	<2	<0.05	<1	<5	<5	<5
E5667976	Silt		0.061	28	21	0.65	299	0.127	<20	1.86	0.02	0.20	<2	<0.05	<1	<5	<5	5
E5667977	Silt		0.116	40	13	0.56	288	0.125	<20	1.89	0.02	0.32	<2	<0.05	<1	<5	6	5
E5667978	Silt		0.068	31	19	0.65	204	0.122	<20	1.85	0.02	0.20	<2	<0.05	<1	<5	<5	5
E5667979	Silt		0.076	25	19	0.63	223	0.112	<20	1.83	0.02	0.21	<2	<0.05	<1	<5	5	5
E5667980	Silt		0.090	37	16	0.50	285	0.113	<20	1.85	0.02	0.25	<2	<0.05	<1	<5	<5	<5
E5667982	Silt		0.085	51	14	0.55	344	0.126	<20	2.17	0.02	0.27	<2	<0.05	<1	<5	5	6
E5667997	Silt		0.068	18	23	0.60	200	0.124	<20	1.62	0.02	0.11	<2	<0.05	<1	<5	5	<5
E5667999	Silt		0.050	23	16	0.57	163	0.127	<20	1.48	0.02	0.13	<2	<0.05	<1	<5	5	<5
E5668000	Silt		0.052	21	19	0.56	157	0.127	<20	1.54	0.02	0.11	<2	<0.05	<1	<5	<5	<5
22656	Silt		0.090	31	23	0.73	365	0.120	<20	1.99	0.02	0.23	<2	<0.05	<1	<5	<5	6
22657	Silt		0.080	34	26	0.74	340	0.114	<20	1.95	0.03	0.23	<2	<0.05	<1	<5	<5	6
22658	Silt		0.094	36	24	0.72	337	0.119	<20	2.00	0.02	0.23	<2	<0.05	<1	<5	<5	6
22659	Silt		0.083	36	24	0.70	338	0.115	<20	2.02	0.02	0.20	<2	<0.05	<1	<5	<5	6
22660	Silt		0.076	44	22	0.67	322	0.116	<20	2.04	0.02	0.18	<2	<0.05	<1	<5	5	6
22661	Silt		0.079	24	20	0.63	226	0.123	<20	1.68	0.02	0.17	<2	<0.05	<1	<5	<5	<5
22662	Silt		0.067	22	22	0.66	215	0.132	<20	1.86	0.02	0.16	<2	<0.05	<1	<5	6	<5
22663	Silt		0.079	23	23	0.63	194	0.125	<20	1.77	0.02	0.15	<2	<0.05	<1	<5	<5	<5
22664	Silt		0.077	27	23	0.66	215	0.132	<20	1.83	0.02	0.17	<2	<0.05	<1	<5	5	6
E5668001	Silt		0.077	30	15	0.57	219	0.129	<20	1.49	0.02	0.19	<2	<0.05	<1	<5	<5	<5
E5668002	Silt		0.066	19	18	0.58	237	0.125	<20	1.52	0.02	0.15	<2	<0.05	<1	<5	5	<5
E5668003	Silt		0.046	11	19	0.45	113	0.101	<20	1.25	0.02	0.07	<2	<0.05	<1	<5	<5	<5
E5668004	Silt		0.062	16	17	0.57	162	0.120	<20	1.37	0.02	0.14	<2	<0.05	<1	<5	<5	<5
E5668006	Silt		0.057	19	16	0.57	183	0.122	<20	1.41	0.02	0.15	<2	<0.05	<1	<5	<5	<5
E5668007	Silt		0.067	18	16	0.64	204	0.128	<20	1.48	0.02	0.22	<2	<0.05	<1	<5	<5	<5
E5668008	Silt		0.096	17	21	0.67	224	0.128	<20	1.54	0.03	0.21	<2	<0.05	<1	<5	<5	<5
E5668009	Silt		0.078	20	18	0.73	234	0.135	<20	1.54	0.02	0.23	<2	<0.05	<1	<5	<5	<5
22651	Silt		0.083	16	18	0.75	240	0.137	<20	1.53	0.02	0.24	<2	<0.05	<1	<5	<5	<5
22652	Silt		0.113	22	19	0.90	342	0.148	<20	1.71	0.03	0.50	<2	<0.05	<1	<5	<5	5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

CERTIFICATE OF ANALYSIS WHI17000232.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
22653	Silt		9	<3	<2	<1	11	<3	52	<0.3	13	10	432	2.71	15	4	29	<0.5	<3	<3	65	0.54
22654	Silt		6	<3	<2	<1	12	3	59	<0.3	11	12	503	3.13	21	12	27	<0.5	<3	<3	70	0.49
22655	Silt		7	<3	<2	<1	12	<3	59	<0.3	12	11	545	2.75	24	4	29	<0.5	<3	<3	64	0.50
E5667974	Silt		367	<3	<2	<1	10	7	58	<0.3	9	9	595	3.22	23	10	41	<0.5	<3	<3	66	0.55

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CERTIFICATE OF ANALYSIS WHI17000232.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22653	Silt	0.087	17	20	0.74	235	0.139	<20	1.58	0.03	0.23	<2	<0.05	<1	<5	<5	<5
22654	Silt	0.086	19	18	0.86	296	0.156	<20	1.71	0.02	0.36	<2	<0.05	<1	<5	<5	<5
22655	Silt	0.078	17	19	0.75	248	0.136	<20	1.61	0.02	0.24	<2	<0.05	<1	<5	<5	<5
E5667974	Silt	0.079	33	17	0.59	300	0.127	<20	1.82	0.01	0.27	<2	<0.05	<1	<5	<5	<5

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000232.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
E5667980	Silt		28	<3	<2	<1	10	5	55	<0.3	8	8	735	3.23	22	10	30	<0.5	<3	<3	67	0.45
REP E5667980	QC					<1	10	6	57	<0.3	9	8	765	3.35	22	11	31	<0.5	<3	<3	69	0.45
22661	Silt		12	<3	3	<1	13	5	63	<0.3	12	9	743	3.73	41	5	32	<0.5	<3	<3	78	0.53
REP 22661	QC		11	<3	3																	
22653	Silt		9	<3	<2	<1	11	<3	52	<0.3	13	10	432	2.71	15	4	29	<0.5	<3	<3	65	0.54
REP 22653	QC					<1	11	<3	51	<0.3	13	10	415	2.68	13	6	29	<0.5	<3	<3	66	0.53
Reference Materials																						
STD CDN-PGMS-19	Standard		261	116	500																	
STD CDN-PGMS-19	Standard		192	111	477																	
STD DS10	Standard					15	158	148	386	2.3	74	13	901	2.86	46	8	67	2.6	9	13	45	1.11
STD DS10	Standard					15	154	147	383	1.8	80	13	958	2.87	49	8	69	2.7	8	13	46	1.12
STD OREAS45EA	Standard					2	728	14	30	0.8	386	55	418	23.25	12	12	4	<0.5	<3	<3	316	0.03
STD OREAS45EA	Standard					1	728	14	31	0.4	398	50	428	23.51	8	9	4	1.3	<3	<3	314	0.03
STD DS10 Expected						13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
STD CDN-PGMS-19 Expected			230	108	476																	
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		2	<3	<2																	
BLK	Blank		3	<3	<2																	
BLK	Blank		3	<3	<2																	

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: August 01, 2017

QUALITY CONTROL REPORT WHI17000232.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
E5667980	Silt		0.090	37	16	0.50	285	0.113	<20	1.85	0.02	0.25	<2	<0.05	<1	<5	<5	<5
REP E5667980	QC		0.087	37	15	0.52	294	0.117	<20	1.87	0.02	0.26	<2	<0.05	<1	<5	<5	<5
22661	Silt		0.079	24	20	0.63	226	0.123	<20	1.68	0.02	0.17	<2	<0.05	<1	<5	<5	<5
REP 22661	QC																	
22653	Silt		0.087	17	20	0.74	235	0.139	<20	1.58	0.03	0.23	<2	<0.05	<1	<5	<5	<5
REP 22653	QC		0.088	17	20	0.72	226	0.138	<20	1.55	0.03	0.22	<2	<0.05	<1	<5	<5	<5
Reference Materials																		
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-19	Standard																	
STD DS10	Standard		0.076	17	59	0.82	440	0.085	<20	1.10	0.07	0.35	3	0.29	<1	<5	<5	<5
STD DS10	Standard		0.078	18	57	0.81	444	0.081	<20	1.09	0.07	0.35	3	0.30	<1	<5	<5	<5
STD OREAS45EA	Standard		0.031	8	976	0.10	152	0.106	<20	3.57	0.02	0.06	<2	<0.05	<1	<5	<5	88
STD OREAS45EA	Standard		0.031	8	893	0.10	145	0.101	<20	3.49	0.03	0.06	<2	<0.05	<1	<5	15	88
STD DS10 Expected			0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected			0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD CDN-PGMS-19 Expected																		
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: July 10, 2017
Report Date: August 02, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000271.1

CLIENT JOB INFORMATION

Project: PGC-17062-YT
Shipment ID:
P.O. Number
Number of Samples: 16

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	16	Dry at 60C			WHI
SS80	16	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	16	Save all or part of Soil Reject			WHI
FA330	16	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	16	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	16	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	16	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Nigel Bocking

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 02, 2017

CERTIFICATE OF ANALYSIS WHI17000271.1

	Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
22665	Silt	6	<3	3	<1	10	7	49	<0.3	12	10	631	2.32	10	3	23	<0.5	<3	<3	56	0.35
22666	Silt	7	<3	2	<1	11	7	54	0.3	13	8	499	2.35	29	3	40	<0.5	<3	<3	51	0.54
22667	Silt	11	<3	<2	<1	13	8	67	0.4	14	11	789	2.67	31	3	42	<0.5	<3	<3	59	0.57
22668	Silt	3	<3	<2	<1	8	6	44	0.3	10	7	348	2.23	16	4	17	<0.5	<3	<3	56	0.29
22669	Silt	6	<3	<2	<1	11	7	58	0.3	12	8	520	2.57	24	3	34	<0.5	<3	<3	61	0.48
22670	Silt	7	<3	<2	<1	10	20	54	<0.3	10	9	416	2.54	121	6	27	<0.5	<3	<3	66	0.48
22671	Silt	3	<3	<2	<1	8	5	36	<0.3	9	6	218	2.08	12	4	24	<0.5	<3	<3	46	0.35
22672	Silt	19	<3	<2	<1	9	9	44	<0.3	10	7	280	2.34	55	6	31	<0.5	<3	<3	58	0.49
22673	Silt	10	<3	<2	<1	10	8	47	0.3	10	8	385	2.31	52	4	33	<0.5	<3	<3	54	0.47
22674	Silt	6	<3	<2	<1	11	9	52	0.3	12	9	459	2.54	55	4	37	<0.5	<3	<3	58	0.54
22675	Silt	5	<3	<2	<1	9	9	49	<0.3	9	9	421	2.70	64	6	31	<0.5	<3	<3	61	0.50
22641	Silt	5	<3	<2	<1	9	7	46	<0.3	9	8	362	2.31	48	4	29	<0.5	<3	<3	54	0.45
90013	Silt	17	<3	<2	<1	7	5	47	<0.3	9	8	448	2.51	55	5	21	<0.5	<3	<3	55	0.40
90014	Silt	5	<3	2	<1	24	10	57	<0.3	21	9	433	2.43	31	4	48	<0.5	<3	<3	51	0.79
90015	Silt	6	<3	<2	<1	10	7	47	<0.3	11	9	483	2.39	49	3	27	<0.5	<3	<3	55	0.46
90016	Silt	7	<3	<2	<1	10	5	50	<0.3	10	9	446	2.54	46	4	26	<0.5	<3	<3	57	0.44

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Bureau Veritas Commodities Canada Ltd.

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 02, 2017

CERTIFICATE OF ANALYSIS WHI17000271.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
22665	Silt		0.050	11	19	0.63	174	0.103	<20	1.60	0.01	0.13	<2	<0.05	<1	<5	<5	<5
22666	Silt		0.051	14	19	0.60	182	0.101	<20	1.67	0.02	0.13	<2	<0.05	<1	<5	<5	<5
22667	Silt		0.056	15	21	0.66	227	0.105	<20	1.95	0.01	0.14	<2	<0.05	<1	<5	<5	<5
22668	Silt		0.046	11	17	0.58	101	0.105	<20	1.41	0.01	0.13	<2	<0.05	<1	<5	<5	<5
22669	Silt		0.055	15	20	0.64	177	0.109	<20	1.67	0.01	0.14	<2	<0.05	<1	<5	<5	<5
22670	Silt		0.083	14	19	0.67	150	0.118	<20	1.53	0.01	0.20	<2	<0.05	<1	<5	<5	<5
22671	Silt		0.044	13	15	0.49	114	0.096	<20	1.41	0.01	0.10	<2	<0.05	<1	<5	<5	<5
22672	Silt		0.071	18	19	0.55	121	0.114	<20	1.45	0.01	0.13	<2	<0.05	<1	<5	<5	<5
22673	Silt		0.057	13	17	0.61	151	0.111	<20	1.52	0.01	0.14	<2	<0.05	<1	<5	<5	<5
22674	Silt		0.058	13	19	0.68	169	0.114	<20	1.63	0.02	0.14	<2	<0.05	<1	<5	<5	<5
22675	Silt		0.068	15	15	0.72	158	0.119	<20	1.48	0.01	0.20	<2	<0.05	<1	<5	<5	<5
22641	Silt		0.055	12	16	0.66	138	0.113	<20	1.41	0.02	0.16	<2	<0.05	<1	<5	<5	<5
90013	Silt		0.065	13	18	0.61	138	0.102	<20	1.26	0.01	0.20	<2	<0.05	<1	<5	<5	<5
90014	Silt		0.059	23	29	0.68	185	0.097	<20	1.69	0.03	0.11	<2	<0.05	<1	<5	<5	5
90015	Silt		0.059	11	17	0.64	157	0.107	<20	1.46	0.02	0.16	<2	<0.05	<1	<5	<5	<5
90016	Silt		0.060	11	16	0.67	159	0.110	<20	1.44	0.02	0.19	<2	<0.05	<1	<5	<5	<5

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 02, 2017

QUALITY CONTROL REPORT WHI17000271.1

		Method	FA330	FA330	FA330	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
22666	Silt		7	<3	2	<1	11	7	54	0.3	13	8	499	2.35	29	3	40	<0.5	<3	<3	51	0.54
REP 22666	QC					<1	11	7	53	<0.3	12	8	489	2.32	28	3	39	<0.5	<3	<3	49	0.53
Reference Materials																						
STD CDN-PGMS-19	Standard		243	111	486																	
STD CDN-PGMS-23	Standard		513	472	2142																	
STD DS10	Standard					13	144	139	340	2.0	70	12	845	2.64	44	7	60	2.3	7	12	41	1.01
STD OREAS45EA	Standard					2	681	10	27	0.6	364	50	395	21.41	12	11	3	1.0	<3	<3	301	0.03
STD CDN-PGMS-19 Expected			230	108	476																	
STD CDN-PGMS-23 Expected			496	456	2032																	
STD DS10 Expected						13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected						1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036
BLK	Blank		2	<3	<2																	
BLK	Blank		<2	<3	<2																	
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: PGC-17062-YT
Report Date: August 02, 2017

QUALITY CONTROL REPORT WHI17000271.1

		Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																		
22666	Silt		0.051	14	19	0.60	182	0.101	<20	1.67	0.02	0.13	<2	<0.05	<1	<5	<5	<5
REP 22666	QC		0.050	13	19	0.59	179	0.097	<20	1.62	0.01	0.13	<2	<0.05	<1	<5	<5	<5
Reference Materials																		
STD CDN-PGMS-19	Standard																	
STD CDN-PGMS-23	Standard																	
STD DS10	Standard		0.070	16	54	0.77	409	0.075	<20	1.00	0.07	0.31	3	0.27	<1	<5	<5	<5
STD OREAS45EA	Standard		0.029	7	904	0.09	144	0.099	<20	3.25	0.02	0.05	<2	<0.05	<1	<5	<5	83
STD CDN-PGMS-19 Expected																		
STD CDN-PGMS-23 Expected																		
STD DS10 Expected			0.0765	17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected			0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
BLK	Blank																	
BLK	Blank																	
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5

APPENDIX 5d

ORIGINAL DRILL CORE ASSAY CERTIFICATES

BUREAU VERITAS MINERAL LABORATORIES Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: August 16, 2017
Report Date: September 10, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000619.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 35

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	34	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
SLBHP	1	Sort, label and box pulps			WHI
FA350-Au	35	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
EN002	35	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	35	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	35	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu
Alicia Cannata

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000619.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995501	Drill Core	2.05	3	<1	4	8	58	1.1	2	7	674	2.56	118	12	22	<0.5	<3	<3	40	0.27	0.063
1995502	Drill Core	3.05	3	<1	2	<3	56	<0.3	1	6	624	2.47	69	12	26	<0.5	<3	<3	40	0.34	0.066
1995503	Drill Core	1.99	2	<1	5	5	53	0.3	2	6	757	2.53	84	12	29	<0.5	<3	<3	39	0.35	0.065
1995504	Drill Core	5.01	3	<1	3	6	49	<0.3	1	6	755	2.42	119	12	24	<0.5	<3	<3	33	0.28	0.061
1995505	Drill Core	0.84	5	<1	5	17	58	<0.3	1	6	862	2.36	203	11	20	<0.5	<3	<3	31	0.25	0.061
1995506	Drill Core	2.55	468	<1	14	98	63	0.8	2	4	1023	1.70	215	7	6	0.6	<3	<3	15	0.10	0.042
1995507	Drill Core	4.53	2	<1	4	9	55	<0.3	2	6	635	2.55	154	9	26	<0.5	<3	<3	36	0.31	0.063
1995508	Drill Core	4.54	46	<1	4	5	53	<0.3	2	6	596	2.59	98	11	30	<0.5	<3	<3	38	0.36	0.063
1995509	Drill Core	1.04	<2	<1	3	5	56	<0.3	2	7	619	2.64	47	12	31	<0.5	<3	<3	43	0.39	0.065
1995510	Drill Core	1.13	<2	<1	29	<3	78	<0.3	6	12	820	3.90	31	6	38	<0.5	<3	<3	75	0.64	0.101
1995511	Drill Core	4.84	<2	<1	5	6	51	<0.3	2	7	691	2.53	46	10	26	<0.5	<3	<3	38	0.32	0.064
1995512	Drill Core	4.47	<2	<1	8	<3	56	<0.3	2	7	614	2.81	34	11	29	<0.5	<3	<3	45	0.35	0.070
1995513	Drill Core	4.44	3	<1	5	3	55	<0.3	2	6	573	2.61	53	11	30	<0.5	<3	<3	41	0.35	0.065
1995514	Drill Core	3.03	<2	<1	8	<3	55	<0.3	2	6	653	2.81	21	13	33	<0.5	<3	<3	45	0.37	0.067
1995515	Drill Core	6.75	<2	<1	3	<3	54	<0.3	2	6	634	2.73	7	10	35	<0.5	<3	<3	48	0.42	0.066
1995516	Drill Core	2.94	<2	<1	7	3	50	<0.3	2	6	550	2.66	47	10	34	<0.5	<3	<3	43	0.40	0.065
1995517	Drill Core	5.06	<2	<1	5	6	59	<0.3	2	7	555	2.77	51	12	25	<0.5	<3	<3	39	0.33	0.070
1995518	Drill Core	4.56	<2	<1	6	7	51	<0.3	2	8	560	2.56	118	11	25	<0.5	<3	<3	32	0.32	0.067
1995519	Drill Core	3.00	2	1	4	11	50	1.2	1	6	1402	2.52	246	11	22	<0.5	<3	<3	28	0.29	0.063
1995520	Drill Core	2.73	<2	<1	3	<3	49	<0.3	1	6	587	2.62	24	12	32	<0.5	<3	<3	43	0.45	0.064
1995521	Drill Core	2.72	<2	<1	2	4	56	<0.3	2	6	591	2.61	25	11	32	<0.5	<3	<3	44	0.46	0.064
1995522	Rock Pulp	0.13	3134	5	464	>10000	2327	93.5	15	13	1908	5.40	178	<2	43	27.7	74	<3	51	0.85	0.072
1995523	Rock	1.55	6	<1	<1	26	9	<0.3	2	<1	86	0.14	5	<2	288	<0.5	3	<3	15	19.41	0.008
1995524	Drill Core	0.95	51	<1	18	11	53	<0.3	2	6	756	2.39	1068	12	15	<0.5	<3	<3	23	0.25	0.064
1995525	Drill Core	2.62	<2	<1	1	3	48	<0.3	1	6	597	2.54	14	13	30	<0.5	<3	<3	43	0.44	0.064
1995526	Drill Core	4.67	9	<1	3	10	47	<0.3	1	6	544	2.40	40	11	65	<0.5	<3	<3	21	1.31	0.061
1995527	Drill Core	4.73	<2	<1	2	3	48	<0.3	1	6	581	2.53	10	10	34	<0.5	<3	<3	41	0.48	0.062
1995528	Drill Core	1.07	<2	<1	3	7	52	<0.3	1	6	695	2.64	170	12	26	<0.5	<3	<3	29	0.33	0.067
1995529	Drill Core	3.55	<2	<1	6	5	54	0.6	2	7	689	2.79	18	11	31	<0.5	<3	<3	41	0.40	0.067
1995530	Drill Core	3.47	<2	<1	3	7	51	<0.3	2	7	536	2.43	59	11	21	<0.5	<3	<3	31	0.31	0.066

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Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000619.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995501	Drill Core	29	3	0.51	420	0.103	<20	1.34	0.05	0.63	<2	<0.05	<1	<5	<5	<5
1995502	Drill Core	30	2	0.56	379	0.136	<20	1.34	0.08	0.63	<2	<0.05	<1	<5	<5	<5
1995503	Drill Core	32	2	0.53	429	0.115	<20	1.39	0.08	0.57	<2	<0.05	<1	<5	<5	<5
1995504	Drill Core	32	2	0.35	365	0.031	<20	1.12	0.04	0.41	<2	<0.05	<1	<5	<5	<5
1995505	Drill Core	27	2	0.25	340	0.017	<20	0.92	0.03	0.36	<2	<0.05	<1	<5	<5	<5
1995506	Drill Core	20	1	0.03	299	<0.001	<20	0.36	0.02	0.24	<2	<0.05	<1	<5	<5	<5
1995507	Drill Core	25	2	0.50	370	0.081	<20	1.30	0.06	0.57	<2	<0.05	<1	<5	<5	5
1995508	Drill Core	27	2	0.60	374	0.119	<20	1.38	0.08	0.65	<2	<0.05	<1	<5	<5	<5
1995509	Drill Core	28	3	0.65	418	0.137	<20	1.40	0.11	0.68	<2	<0.05	<1	<5	<5	<5
1995510	Drill Core	17	6	1.10	580	0.218	<20	2.17	0.12	1.03	<2	<0.05	<1	<5	5	11
1995511	Drill Core	26	1	0.57	402	0.085	<20	1.30	0.06	0.55	<2	<0.05	<1	<5	<5	<5
1995512	Drill Core	28	3	0.67	446	0.120	<20	1.45	0.08	0.68	<2	<0.05	<1	<5	<5	6
1995513	Drill Core	26	3	0.62	444	0.106	<20	1.38	0.10	0.57	<2	<0.05	<1	<5	<5	5
1995514	Drill Core	32	2	0.68	465	0.120	<20	1.49	0.13	0.63	<2	<0.05	<1	<5	<5	6
1995515	Drill Core	24	3	0.73	520	0.159	<20	1.50	0.16	0.76	<2	<0.05	<1	<5	<5	5
1995516	Drill Core	25	2	0.64	471	0.134	<20	1.46	0.13	0.66	<2	<0.05	<1	<5	<5	6
1995517	Drill Core	29	3	0.64	381	0.079	<20	1.45	0.06	0.55	<2	<0.05	<1	<5	<5	5
1995518	Drill Core	30	3	0.49	338	0.042	<20	1.28	0.05	0.45	<2	<0.05	<1	<5	<5	<5
1995519	Drill Core	30	2	0.34	431	0.015	<20	1.09	0.03	0.39	2	<0.05	<1	<5	<5	<5
1995520	Drill Core	29	3	0.69	418	0.125	<20	1.38	0.11	0.61	<2	<0.05	<1	<5	<5	<5
1995521	Drill Core	26	2	0.70	414	0.125	<20	1.40	0.11	0.62	<2	<0.05	<1	<5	<5	<5
1995522	Rock Pulp	5	23	0.87	196	0.096	<20	1.47	0.12	0.40	<2	1.49	<1	<5	<5	<5
1995523	Rock	2	2	11.44	20	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995524	Drill Core	28	1	0.27	419	0.033	<20	0.82	0.04	0.41	<2	<0.05	<1	<5	<5	<5
1995525	Drill Core	29	2	0.72	367	0.152	<20	1.29	0.10	0.56	<2	<0.05	<1	<5	<5	<5
1995526	Drill Core	27	2	0.47	615	0.016	<20	1.04	0.04	0.36	<2	<0.05	<1	<5	<5	<5
1995527	Drill Core	24	2	0.71	429	0.130	<20	1.39	0.12	0.67	<2	<0.05	<1	<5	<5	<5
1995528	Drill Core	31	2	0.39	328	0.030	<20	1.17	0.06	0.44	<2	<0.05	<1	<5	<5	<5
1995529	Drill Core	28	2	0.71	429	0.089	<20	1.50	0.12	0.60	<2	<0.05	<1	<5	<5	6
1995530	Drill Core	30	2	0.53	325	0.049	<20	1.24	0.05	0.46	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000619.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995531	Drill Core	7.59	<2	<1	2	6	52	<0.3	2	7	628	2.69	7	11	41	<0.5	<3	<3	45	0.60	0.065
1995532	Drill Core	6.24	<2	<1	2	5	51	<0.3	2	6	653	2.55	33	11	34	<0.5	<3	<3	35	0.51	0.063
1995533	Drill Core	6.54	<2	<1	3	<3	49	<0.3	1	6	567	2.55	10	11	35	<0.5	<3	<3	44	0.44	0.063
1995534	Drill Core	7.31	2	<1	3	6	56	<0.3	2	6	662	2.56	10	11	55	<0.5	<3	<3	43	0.86	0.062
1995535	Drill Core	8.53	<2	<1	2	3	51	<0.3	2	6	661	2.54	<2	11	52	<0.5	<3	<3	42	0.88	0.063

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Project: 2K
Report Date: September 10, 2017

CERTIFICATE OF ANALYSIS WHI17000619.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995531	Drill Core	28	3	0.76	461	0.121	<20	1.49	0.12	0.69	<2	<0.05	<1	<5	<5	5
1995532	Drill Core	26	3	0.66	315	0.057	<20	1.32	0.08	0.47	<2	<0.05	<1	<5	<5	<5
1995533	Drill Core	25	3	0.70	436	0.149	<20	1.43	0.15	0.72	<2	<0.05	<1	<5	<5	<5
1995534	Drill Core	26	2	0.73	401	0.107	<20	1.43	0.12	0.62	<2	<0.05	<1	<5	<5	<5
1995535	Drill Core	27	3	0.76	342	0.099	<20	1.38	0.11	0.55	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000619.1

		Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																						
1995504	Drill Core		5.01	3	<1	3	6	49	<0.3	1	6	755	2.42	119	12	24	<0.5	<3	<3	33	0.28	0.061
REP 1995504	QC				<1	2	8	49	<0.3	1	6	748	2.39	120	12	24	<0.5	<3	<3	33	0.28	0.061
1995518	Drill Core		4.56	<2	<1	6	7	51	<0.3	2	8	560	2.56	118	11	25	<0.5	<3	<3	32	0.32	0.067
REP 1995518	QC			3																		
1995534	Drill Core		7.31	2	<1	3	6	56	<0.3	2	6	662	2.56	10	11	55	<0.5	<3	<3	43	0.86	0.062
REP 1995534	QC				<1	3	5	57	<0.3	2	7	678	2.63	10	11	57	<0.5	<3	<3	44	0.88	0.063
Core Reject Duplicates																						
1995501	Drill Core		2.05	3	<1	4	8	58	1.1	2	7	674	2.56	118	12	22	<0.5	<3	<3	40	0.27	0.063
DUP 1995501	QC			3	<1	5	8	55	0.9	2	7	663	2.57	117	11	22	<0.5	<3	<3	40	0.26	0.061
1995535	Drill Core		8.53	<2	<1	2	3	51	<0.3	2	6	661	2.54	<2	11	52	<0.5	<3	<3	42	0.88	0.063
DUP 1995535	QC			<2	<1	2	3	48	<0.3	2	6	649	2.54	<2	11	51	<0.5	<3	<3	41	0.87	0.061
Reference Materials																						
STD DS11	Standard				13	140	133	317	1.4	75	13	985	3.01	41	6	63	2.0	8	11	47	0.99	0.067
STD DS11	Standard				12	143	135	320	2.2	76	13	993	3.04	39	6	61	2.2	8	10	47	0.98	0.069
STD OREAS45EA	Standard				2	677	13	27	<0.3	386	52	396	23.94	14	8	3	<0.5	<3	<3	296	0.03	0.029
STD OREAS45EA	Standard				2	668	10	27	<0.3	376	53	390	24.02	12	7	3	<0.5	<3	<3	289	0.03	0.030
STD OXC145	Standard			223																		
STD OXC145	Standard			200																		
STD OXH122	Standard			1280																		
STD OXH122	Standard			1190																		
STD OXC145 Expected				212																		
STD OXH122 Expected				1247																		
STD OREAS45EA Expected					1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD DS11 Expected					13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
BLK	Blank			<2																		
BLK	Blank			<2																		
BLK	Blank			4																		
BLK	Blank			<2																		

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Project: 2K
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000619.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1995504	Drill Core	32	2	0.35	365	0.031	<20	1.12	0.04	0.41	<2	<0.05	<1	<5	<5	<5
REP 1995504	QC	31	3	0.35	362	0.030	<20	1.11	0.04	0.41	<2	<0.05	<1	<5	<5	<5
1995518	Drill Core	30	3	0.49	338	0.042	<20	1.28	0.05	0.45	<2	<0.05	<1	<5	<5	<5
REP 1995518	QC															
1995534	Drill Core	26	2	0.73	401	0.107	<20	1.43	0.12	0.62	<2	<0.05	<1	<5	<5	<5
REP 1995534	QC	27	2	0.75	412	0.109	<20	1.47	0.12	0.64	<2	<0.05	<1	<5	<5	<5
Core Reject Duplicates																
1995501	Drill Core	29	3	0.51	420	0.103	<20	1.34	0.05	0.63	<2	<0.05	<1	<5	<5	<5
DUP 1995501	QC	29	3	0.52	427	0.105	<20	1.33	0.05	0.64	<2	<0.05	<1	<5	<5	<5
1995535	Drill Core	27	3	0.76	342	0.099	<20	1.38	0.11	0.55	<2	<0.05	<1	<5	<5	<5
DUP 1995535	QC	26	3	0.74	342	0.097	<20	1.35	0.11	0.54	<2	<0.05	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	16	55	0.80	412	0.087	<20	1.08	0.07	0.37	3	0.27	<1	6	<5	<5
STD DS11	Standard	15	54	0.81	418	0.083	<20	1.06	0.07	0.38	2	0.27	<1	<5	<5	<5
STD OREAS45EA	Standard	7	848	0.09	137	0.098	<20	3.26	0.02	0.05	<2	<0.05	<1	9	<5	81
STD OREAS45EA	Standard	7	844	0.09	138	0.096	<20	3.23	0.02	0.05	<2	<0.05	<1	9	<5	81
STD OXC145	Standard															
STD OXC145	Standard															
STD OXH122	Standard															
STD OXH122	Standard															
STD OXC145 Expected																
STD OXH122 Expected																
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank															
BLK	Blank															
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BLK	Blank															

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Project: 2K

Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000619.1

		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<1	2	<3	31	<0.3	<1	3	485	1.57	<2	<2	18	<0.5	<3	<3	18	0.48	0.036
ROCK-WHI	Prep Blank		<2	<1	3	<3	29	<0.3	<1	3	538	1.64	<2	<2	20	<0.5	<3	<3	20	0.54	0.037

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Bureau Veritas Commodities Canada Ltd.

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 10, 2017

QUALITY CONTROL REPORT WHI17000619.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
ROCK-WHI	Prep Blank	4	1	0.42	57	0.061	<20	0.74	0.07	0.09	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	5	2	0.45	60	0.066	<20	0.86	0.08	0.10	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: August 24, 2017
Report Date: September 15, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI17000684.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 99

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	94	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
SLBHP	5	Sort, label and box pulps			WHI
FA350-Au	99	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
EN002	99	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	99	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	99	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu
Alicia Cannata

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Bureau Veritas Commodities Canada Ltd.

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 15, 2017

CERTIFICATE OF ANALYSIS WHI17000684.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995541	Drill Core	7.95	3	<1	5	6	54	<0.3	2	7	676	2.47	9	11	70	<0.5	<3	<3	36	1.37	0.065
1995542	Drill Core	7.17	<2	<1	3	6	52	<0.3	2	6	642	2.48	15	11	53	<0.5	<3	<3	40	0.96	0.062
1995543	Drill Core	3.58	<2	<1	4	4	52	<0.3	2	6	669	2.45	10	12	47	<0.5	<3	<3	43	0.88	0.062
1995544	Drill Core	1.93	47	<1	8	12	45	<0.3	2	6	726	2.33	1389	10	79	<0.5	<3	<3	29	1.55	0.059
1995545	Drill Core	7.19	<2	<1	4	5	50	<0.3	2	5	606	2.42	4	11	41	<0.5	<3	<3	43	0.73	0.061
1995546	Drill Core	2.71	<2	<1	5	8	51	<0.3	2	6	663	2.36	7	11	60	<0.5	<3	<3	34	1.28	0.061
1995547	Drill Core	3.10	9	<1	6	19	53	<0.3	2	6	730	2.53	382	12	59	<0.5	<3	<3	40	1.17	0.063
1995548	Drill Core	1.67	<2	<1	6	5	56	<0.3	2	6	674	2.62	4	11	42	<0.5	<3	<3	48	0.73	0.066
1995549	Drill Core	1.62	<2	<1	3	5	49	<0.3	2	6	622	2.45	4	14	45	<0.5	<3	<3	43	0.92	0.065
1995550	Drill Core	7.95	<2	<1	5	4	53	<0.3	2	6	660	2.61	3	13	46	<0.5	<3	<3	48	0.77	0.064
1995551	Drill Core	7.44	<2	<1	4	5	54	<0.3	2	6	675	2.64	3	13	43	<0.5	<3	<3	46	0.98	0.065
1995552	Drill Core	7.74	<2	<1	5	8	55	<0.3	2	6	708	2.52	7	11	67	<0.5	<3	<3	36	1.63	0.066
1995553	Drill Core	7.24	2	<1	4	6	53	<0.3	2	6	647	2.53	<2	12	45	<0.5	<3	<3	41	1.00	0.064
1995554	Drill Core	7.91	<2	<1	7	11	52	<0.3	2	7	824	2.48	5	11	104	<0.5	<3	<3	31	2.27	0.065
1995555	Drill Core	6.77	<2	<1	3	9	52	<0.3	2	6	692	2.43	<2	10	66	<0.5	<3	<3	32	1.34	0.063
1995556	Drill Core	8.29	<2	<1	4	9	50	<0.3	2	6	718	2.31	2	12	80	<0.5	<3	<3	30	1.63	0.060
1995557	Drill Core	4.00	<2	<1	5	6	54	<0.3	2	6	690	2.57	<2	11	52	<0.5	<3	<3	43	1.01	0.065
1995558	Drill Core	4.29	<2	<1	5	5	51	<0.3	2	6	661	2.41	<2	10	49	<0.5	<3	<3	42	0.98	0.064
1995559	Rock Pulp	0.14	3374	5	484	>10000	2378	96.1	16	13	2031	5.42	183	<2	45	29.3	72	<3	54	0.88	0.075
1995560	Drill Core	0.79	5	<1	3	<3	12	<0.3	3	<1	87	0.15	4	<2	281	<0.5	<3	<3	15	19.62	0.010
1995561	Drill Core	7.50	2	<1	4	5	56	<0.3	2	6	670	2.65	<2	11	42	<0.5	<3	<3	48	0.67	0.069
1995562	Drill Core	8.10	4	<1	5	5	55	<0.3	2	6	704	2.71	2	12	49	<0.5	<3	<3	48	0.87	0.070
1995563	Drill Core	8.14	<2	<1	4	5	54	<0.3	2	6	665	2.57	<2	13	42	<0.5	<3	<3	47	0.72	0.065
1995564	Drill Core	8.29	<2	<1	4	4	56	<0.3	2	6	689	2.58	2	12	46	<0.5	<3	<3	45	0.80	0.065
1995565	Drill Core	5.17	<2	<1	3	4	56	<0.3	2	6	699	2.64	<2	11	43	<0.5	<3	<3	48	0.69	0.066
1995566	Drill Core	6.71	<2	<1	11	5	51	<0.3	2	6	693	2.42	3	12	58	<0.5	<3	<3	40	1.12	0.060
1995567	Drill Core	7.76	<2	<1	4	6	53	<0.3	2	6	653	2.49	<2	10	52	<0.5	<3	<3	43	0.90	0.064
1995568	Drill Core	8.21	<2	<1	6	5	54	<0.3	2	6	657	2.49	<2	13	47	<0.5	<3	<3	42	0.84	0.065
1995569	Drill Core	7.72	<2	<1	5	7	53	<0.3	2	6	732	2.50	<2	11	83	<0.5	<3	<3	37	1.41	0.063
1995570	Drill Core	7.77	<2	<1	4	6	56	<0.3	2	6	795	2.61	<2	13	74	<0.5	<3	<3	42	1.46	0.066

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 15, 2017

CERTIFICATE OF ANALYSIS WHI17000684.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995541	Drill Core	25	5	0.74	250	0.046	<20	1.22	0.06	0.36	<2	<0.05	<1	<5	7	<5
1995542	Drill Core	26	6	0.76	371	0.073	<20	1.25	0.07	0.43	<2	<0.05	<1	<5	<5	<5
1995543	Drill Core	25	5	0.77	415	0.105	<20	1.27	0.09	0.52	<2	<0.05	<1	<5	<5	<5
1995544	Drill Core	23	6	0.60	247	0.048	<20	0.98	0.06	0.37	<2	0.24	<1	<5	<5	<5
1995545	Drill Core	25	5	0.72	354	0.128	<20	1.26	0.11	0.55	<2	<0.05	<1	<5	<5	<5
1995546	Drill Core	27	5	0.76	262	0.037	<20	1.14	0.04	0.27	<2	<0.05	<1	<5	5	<5
1995547	Drill Core	27	6	0.78	284	0.063	<20	1.25	0.07	0.39	<2	<0.05	<1	<5	5	<5
1995548	Drill Core	25	6	0.80	430	0.146	<20	1.35	0.10	0.60	<2	<0.05	<1	<5	<5	5
1995549	Drill Core	29	5	0.72	381	0.135	<20	1.25	0.09	0.62	<2	<0.05	<1	<5	<5	<5
1995550	Drill Core	29	6	0.76	423	0.162	<20	1.39	0.13	0.63	<2	<0.05	<1	<5	<5	<5
1995551	Drill Core	28	5	0.80	327	0.130	<20	1.30	0.09	0.47	<2	<0.05	<1	<5	<5	<5
1995552	Drill Core	26	4	0.78	157	0.092	<20	1.23	0.05	0.25	<2	<0.05	<1	<5	<5	<5
1995553	Drill Core	31	5	0.75	287	0.100	<20	1.25	0.09	0.46	<2	<0.05	<1	<5	<5	<5
1995554	Drill Core	30	5	0.75	165	0.027	<20	1.23	0.04	0.28	<2	<0.05	<1	<5	6	<5
1995555	Drill Core	27	6	0.76	177	0.049	<20	1.19	0.05	0.30	<2	<0.05	<1	<5	6	<5
1995556	Drill Core	30	6	0.72	140	0.044	<20	1.15	0.05	0.26	<2	<0.05	<1	<5	6	<5
1995557	Drill Core	26	5	0.78	320	0.124	<20	1.29	0.08	0.49	<2	<0.05	<1	<5	<5	<5
1995558	Drill Core	26	6	0.74	314	0.123	<20	1.22	0.08	0.50	<2	<0.05	<1	<5	<5	<5
1995559	Rock Pulp	7	25	0.92	205	0.102	<20	1.55	0.12	0.42	<2	1.55	<1	<5	<5	<5
1995560	Drill Core	2	4	10.10	21	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1995561	Drill Core	28	6	0.80	406	0.171	<20	1.39	0.12	0.72	<2	<0.05	<1	<5	<5	<5
1995562	Drill Core	28	6	0.81	410	0.155	<20	1.41	0.12	0.70	<2	<0.05	<1	<5	<5	<5
1995563	Drill Core	26	6	0.79	364	0.158	<20	1.34	0.12	0.63	<2	<0.05	<1	<5	<5	<5
1995564	Drill Core	27	4	0.82	301	0.139	<20	1.33	0.09	0.55	<2	<0.05	<1	<5	<5	<5
1995565	Drill Core	28	6	0.82	416	0.156	<20	1.41	0.12	0.73	<2	<0.05	<1	<5	<5	<5
1995566	Drill Core	25	5	0.75	242	0.131	<20	1.20	0.08	0.36	<2	<0.05	<1	<5	<5	5
1995567	Drill Core	26	5	0.76	370	0.143	<20	1.31	0.10	0.59	<2	<0.05	<1	<5	<5	<5
1995568	Drill Core	28	5	0.78	468	0.121	<20	1.30	0.10	0.53	<2	<0.05	<1	<5	<5	<5
1995569	Drill Core	28	5	0.78	254	0.070	<20	1.25	0.07	0.34	<2	<0.05	<1	<5	<5	<5
1995570	Drill Core	31	6	0.85	230	0.084	<20	1.28	0.07	0.32	<2	<0.05	<1	<5	<5	5

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Project: 2K
Report Date: September 15, 2017

CERTIFICATE OF ANALYSIS WHI17000684.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995571	Drill Core	7.63	<2	<1	4	6	54	<0.3	2	6	748	2.55	<2	11	59	<0.5	<3	<3	40	1.24	0.064
1995572	Drill Core	7.46	<2	<1	4	6	52	<0.3	2	6	691	2.38	<2	11	61	<0.5	<3	<3	35	1.36	0.063
1995573	Drill Core	6.57	<2	<1	3	4	52	<0.3	2	6	630	2.45	<2	10	45	<0.5	<3	<3	41	0.72	0.063
1995578	Drill Core	6.26	7	<1	4	4	50	<0.3	2	6	610	2.43	18	9	46	<0.5	<3	<3	43	0.77	0.062
1995579	Drill Core	3.87	<2	<1	5	7	50	<0.3	2	5	657	2.18	100	10	25	<0.5	<3	<3	28	0.38	0.057
1995580	Drill Core	3.46	<2	<1	4	8	53	<0.3	2	6	714	2.25	123	12	26	<0.5	<3	<3	29	0.34	0.063
1995581	Rock Pulp	0.13	3319	5	463	>10000	2305	95.6	15	13	1988	5.28	179	<2	45	28.9	70	<3	52	0.86	0.073
1995582	Drill Core	1.16	5	<1	2	6	12	<0.3	3	<1	86	0.14	4	<2	281	<0.5	<3	<3	15	19.63	0.010
1995583	Drill Core	6.04	<2	<1	5	7	53	0.3	2	6	695	2.28	127	12	28	<0.5	<3	<3	31	0.35	0.061
1995584	Drill Core	6.73	2	<1	3	10	51	<0.3	2	6	664	2.14	124	12	26	<0.5	<3	<3	24	0.33	0.061
1995585	Drill Core	5.55	<2	<1	5	9	50	<0.3	2	5	630	2.17	80	12	25	<0.5	<3	<3	24	0.31	0.060
1995586	Drill Core	1.52	<2	<1	4	11	52	<0.3	2	6	891	2.20	80	14	26	<0.5	<3	<3	22	0.32	0.061
1995587	Drill Core	7.89	<2	<1	4	9	51	<0.3	2	6	562	2.15	73	14	26	<0.5	<3	<3	25	0.32	0.060
1995588	Drill Core	7.10	<2	<1	3	10	48	<0.3	2	5	592	2.06	56	13	26	<0.5	<3	<3	21	0.31	0.056
1995589	Drill Core	4.42	<2	<1	4	11	58	<0.3	2	6	556	2.13	46	13	26	<0.5	<3	<3	21	0.30	0.058
1995590	Drill Core	4.32	<2	<1	4	11	57	<0.3	2	6	726	2.15	41	13	25	<0.5	<3	<3	22	0.30	0.061
1995591	Drill Core	4.35	<2	<1	3	11	55	<0.3	2	6	695	2.33	15	14	18	<0.5	<3	<3	25	0.24	0.062
1995592	Drill Core	5.45	<2	<1	4	10	51	<0.3	2	6	644	2.22	10	13	20	<0.5	<3	<3	25	0.23	0.057
1995593	Drill Core	7.50	3	<1	5	10	52	<0.3	2	6	591	2.14	40	13	24	<0.5	<3	<3	23	0.30	0.061
1995594	Drill Core	5.80	<2	<1	5	7	50	<0.3	2	6	561	2.21	36	12	27	<0.5	<3	<3	25	0.32	0.058
1995595	Drill Core	4.73	<2	<1	4	6	50	<0.3	2	6	591	2.23	24	13	28	<0.5	<3	<3	28	0.33	0.059
1995596	Drill Core	7.20	<2	<1	4	6	52	<0.3	2	6	626	2.45	17	12	29	<0.5	<3	<3	37	0.36	0.061
1995597	Drill Core	0.90	7	<1	11	41	51	<0.3	2	6	658	2.30	50	11	26	<0.5	<3	<3	30	0.32	0.060
1995598	Drill Core	0.78	5	<1	11	26	47	<0.3	2	6	740	2.18	78	11	24	<0.5	<3	<3	28	0.31	0.060
1995599	Rock Pulp	0.12	3065	5	463	>10000	2312	94.5	15	13	1987	5.25	179	<2	45	28.4	68	<3	52	0.89	0.073
1995600	Drill Core	1.01	5	<1	3	7	12	<0.3	3	<1	87	0.15	4	<2	288	<0.5	<3	<3	15	20.90	0.010
1995601	Drill Core	7.30	<2	<1	4	5	51	<0.3	2	6	659	2.39	6	12	27	<0.5	<3	<3	36	0.34	0.060
1995602	Drill Core	2.34	<2	<1	3	4	50	<0.3	2	6	555	2.35	2	12	27	<0.5	<3	<3	39	0.35	0.058
1995603	Drill Core	4.58	<2	<1	5	11	51	<0.3	2	6	650	2.36	19	14	23	<0.5	<3	<3	25	0.30	0.062
1995604	Drill Core	6.73	<2	<1	6	7	51	<0.3	2	6	605	2.30	8	13	22	<0.5	<3	<3	26	0.26	0.061

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Project: 2K
Report Date: September 15, 2017

CERTIFICATE OF ANALYSIS WHI17000684.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995571	Drill Core	27	5	0.82	185	0.089	<20	1.26	0.07	0.28	<2	<0.05	<1	<5	<5	<5
1995572	Drill Core	25	5	0.79	205	0.058	<20	1.23	0.07	0.33	<2	<0.05	<1	<5	<5	<5
1995573	Drill Core	25	4	0.77	322	0.135	<20	1.25	0.09	0.50	<2	<0.05	<1	<5	<5	<5
1995578	Drill Core	24	6	0.73	356	0.135	<20	1.31	0.12	0.65	<2	<0.05	<1	<5	<5	<5
1995579	Drill Core	23	4	0.45	300	0.033	<20	1.07	0.05	0.29	<2	<0.05	<1	<5	<5	<5
1995580	Drill Core	30	3	0.43	360	0.024	<20	1.13	0.05	0.33	<2	<0.05	<1	<5	<5	<5
1995581	Rock Pulp	6	25	0.90	202	0.100	<20	1.53	0.12	0.41	2	1.52	<1	<5	<5	<5
1995582	Drill Core	2	5	10.00	20	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1995583	Drill Core	29	3	0.45	413	0.026	<20	1.15	0.06	0.33	<2	<0.05	<1	<5	<5	<5
1995584	Drill Core	29	3	0.40	336	0.010	<20	1.07	0.04	0.29	<2	<0.05	<1	<5	<5	<5
1995585	Drill Core	28	3	0.44	369	0.013	<20	1.11	0.04	0.27	<2	<0.05	<1	<5	<5	<5
1995586	Drill Core	36	3	0.45	380	0.009	<20	1.14	0.03	0.26	<2	<0.05	<1	<5	<5	<5
1995587	Drill Core	30	3	0.45	374	0.011	<20	1.12	0.04	0.23	<2	<0.05	<1	<5	<5	<5
1995588	Drill Core	27	3	0.41	364	0.005	<20	1.06	0.04	0.22	<2	<0.05	<1	<5	<5	<5
1995589	Drill Core	30	3	0.44	379	0.005	<20	1.14	0.04	0.24	<2	<0.05	<1	<5	<5	<5
1995590	Drill Core	31	3	0.49	360	0.004	<20	1.19	0.04	0.24	<2	<0.05	<1	<5	<5	<5
1995591	Drill Core	31	4	0.63	246	0.004	<20	1.22	0.04	0.22	<2	<0.05	<1	<5	5	<5
1995592	Drill Core	30	4	0.59	287	0.004	<20	1.18	0.05	0.22	<2	<0.05	<1	<5	5	<5
1995593	Drill Core	33	3	0.47	289	0.003	<20	1.09	0.03	0.20	<2	<0.05	<1	<5	7	<5
1995594	Drill Core	27	4	0.46	367	0.007	<20	1.15	0.05	0.23	<2	<0.05	<1	<5	<5	<5
1995595	Drill Core	28	3	0.51	342	0.010	<20	1.13	0.07	0.17	<2	<0.05	<1	<5	6	<5
1995596	Drill Core	27	4	0.63	386	0.054	<20	1.23	0.09	0.28	<2	<0.05	<1	<5	<5	<5
1995597	Drill Core	29	3	0.53	310	0.015	<20	1.10	0.06	0.18	<2	<0.05	<1	<5	<5	<5
1995598	Drill Core	28	3	0.51	316	0.014	<20	1.04	0.05	0.18	<2	<0.05	<1	<5	<5	<5
1995599	Rock Pulp	6	25	0.91	201	0.100	<20	1.52	0.12	0.41	6	1.54	<1	<5	<5	<5
1995600	Drill Core	2	4	10.38	20	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1995601	Drill Core	30	4	0.64	392	0.060	<20	1.21	0.08	0.30	<2	<0.05	<1	<5	<5	<5
1995602	Drill Core	27	4	0.70	382	0.082	<20	1.24	0.10	0.42	<2	<0.05	<1	<5	<5	<5
1995603	Drill Core	34	3	0.59	327	0.010	<20	1.23	0.04	0.27	<2	<0.05	<1	<5	<5	<5
1995604	Drill Core	28	3	0.64	320	0.015	<20	1.23	0.06	0.26	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: September 15, 2017

CERTIFICATE OF ANALYSIS WHI17000684.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995605	Drill Core	6.12	7	<1	5	10	51	<0.3	2	6	639	2.35	7	11	23	<0.5	<3	<3	24	0.32	0.062
1995606	Drill Core	3.59	<2	<1	3	12	51	<0.3	2	6	809	2.32	9	12	73	<0.5	<3	<3	19	1.36	0.063
1995607	Drill Core	7.54	<2	<1	5	11	47	<0.3	2	6	774	2.15	4	12	90	<0.5	<3	<3	18	1.65	0.060
1995608	Drill Core	5.92	<2	<1	10	13	54	<0.3	2	7	820	2.48	2	11	149	<0.5	<3	<3	25	2.42	0.071
1995609	Drill Core	7.12	6	<1	4	15	42	<0.3	2	5	759	2.00	5	12	140	<0.5	<3	<3	12	2.23	0.059
1995610	Drill Core	4.12	<2	<1	4	12	47	<0.3	2	6	578	2.20	10	13	46	<0.5	<3	<3	17	0.71	0.061
1995611	Drill Core	1.18	<2	<1	4	12	45	<0.3	2	6	583	2.15	8	11	59	<0.5	<3	<3	16	1.05	0.060
1995612	Drill Core	6.61	<2	<1	3	11	45	<0.3	2	5	581	2.06	3	12	78	<0.5	<3	<3	18	1.60	0.055
1995613	Drill Core	3.23	<2	<1	4	12	52	<0.3	2	6	649	2.32	11	12	66	<0.5	<3	<3	17	1.37	0.061
1995614	Drill Core	3.21	2	<1	3	16	67	<0.3	2	7	961	2.45	102	12	28	<0.5	<3	<3	13	0.36	0.060
1995615	Drill Core	6.72	<2	<1	2	11	38	<0.3	1	4	671	1.62	18	10	94	<0.5	<3	<3	9	1.84	0.048
1995616	Drill Core	3.29	<2	<1	2	10	42	<0.3	1	4	664	1.81	10	10	152	<0.5	<3	<3	10	2.53	0.047
1995617	Drill Core	5.76	<2	<1	2	10	49	<0.3	2	5	561	2.11	59	11	94	<0.5	<3	<3	17	1.81	0.055
1995618	Drill Core	7.49	3	<1	3	10	46	<0.3	2	5	626	2.02	19	11	125	<0.5	<3	<3	13	2.27	0.054
1995619	Drill Core	1.14	13	<1	5	15	48	<0.3	2	5	658	2.11	59	13	107	<0.5	<3	<3	11	1.89	0.055
1995620	Drill Core	1.20	21	<1	6	15	47	0.6	2	5	623	2.22	137	13	100	<0.5	<3	<3	12	1.75	0.058
1995621	Rock Pulp	0.12	660	6	70	120	179	78.1	9	1	1304	1.06	6	4	301	1.5	4	<3	4	8.61	0.003
1995622	Drill Core	0.95	5	<1	3	6	13	<0.3	3	<1	90	0.16	5	<2	290	<0.5	<3	<3	16	20.54	0.012
1995623	Drill Core	8.12	<2	<1	3	9	46	<0.3	2	5	733	2.20	8	9	113	<0.5	<3	<3	20	2.08	0.053
1995624	Drill Core	5.21	<2	<1	4	10	46	<0.3	2	5	671	2.13	<2	12	96	<0.5	<3	<3	22	1.79	0.053
1995625	Drill Core	6.48	<2	<1	3	7	47	<0.3	2	5	642	2.16	<2	11	66	<0.5	<3	<3	28	1.33	0.052
1995626	Drill Core	7.70	<2	<1	4	7	51	<0.3	2	6	714	2.32	<2	11	70	<0.5	<3	<3	31	1.37	0.057
1995627	Drill Core	7.62	<2	<1	3	8	50	<0.3	2	5	665	2.30	4	12	53	<0.5	<3	<3	34	1.16	0.056
1995628	Drill Core	6.74	9	<1	6	8	47	<0.3	2	5	697	2.27	6	11	66	<0.5	<3	<3	31	1.49	0.056
1995629	Drill Core	7.17	<2	<1	3	7	49	<0.3	2	6	765	2.28	<2	12	76	<0.5	<3	<3	31	1.52	0.057
1995630	Drill Core	7.67	<2	<1	3	6	50	<0.3	2	6	688	2.31	3	11	59	<0.5	<3	<3	35	1.13	0.057
1995631	Drill Core	2.14	<2	<1	4	7	51	<0.3	2	6	738	2.37	4	10	75	<0.5	<3	<3	35	1.44	0.058
1995632	Drill Core	8.29	<2	<1	3	6	52	<0.3	2	6	707	2.40	4	11	63	<0.5	<3	<3	37	1.22	0.057
1995633	Drill Core	7.13	<2	<1	2	7	50	<0.3	2	5	699	2.27	4	12	66	<0.5	<3	<3	35	1.29	0.056
1995634	Drill Core	8.72	<2	2	4	9	48	<0.3	2	5	697	2.26	3	12	74	<0.5	<3	<3	31	1.48	0.056

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CERTIFICATE OF ANALYSIS WHI17000684.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995605	Drill Core	29	3	0.65	252	0.009	<20	1.23	0.05	0.24	<2	<0.05	<1	<5	6	<5
1995606	Drill Core	30	3	0.58	202	0.003	<20	1.21	0.03	0.27	<2	<0.05	<1	<5	<5	<5
1995607	Drill Core	31	3	0.54	193	0.003	<20	1.13	0.03	0.26	<2	<0.05	<1	<5	<5	<5
1995608	Drill Core	31	3	0.67	214	0.005	<20	1.28	0.03	0.27	<2	<0.05	<1	<5	6	5
1995609	Drill Core	30	2	0.45	178	0.001	<20	1.08	0.02	0.28	<2	<0.05	<1	<5	<5	<5
1995610	Drill Core	33	2	0.52	268	0.004	<20	1.14	0.03	0.26	<2	<0.05	<1	<5	<5	<5
1995611	Drill Core	28	2	0.52	240	0.004	<20	1.11	0.03	0.24	<2	<0.05	<1	<5	<5	<5
1995612	Drill Core	29	3	0.59	177	0.006	<20	1.14	0.03	0.25	<2	<0.05	<1	<5	<5	<5
1995613	Drill Core	31	2	0.64	218	0.004	<20	1.28	0.02	0.26	<2	<0.05	<1	<5	<5	<5
1995614	Drill Core	33	2	0.60	294	<0.001	<20	1.51	0.01	0.36	<2	<0.05	<1	<5	6	<5
1995615	Drill Core	24	4	0.32	592	<0.001	<20	0.88	0.02	0.28	<2	<0.05	<1	<5	<5	<5
1995616	Drill Core	24	6	0.36	2632	<0.001	<20	0.97	0.02	0.29	<2	0.06	<1	<5	<5	<5
1995617	Drill Core	28	5	0.43	515	0.003	<20	1.10	0.04	0.29	<2	<0.05	<1	<5	<5	<5
1995618	Drill Core	28	6	0.38	930	<0.001	<20	1.02	0.03	0.29	<2	<0.05	<1	<5	<5	<5
1995619	Drill Core	28	4	0.40	208	0.001	<20	1.02	0.02	0.27	<2	0.09	<1	<5	<5	<5
1995620	Drill Core	25	4	0.36	318	0.001	<20	0.93	0.02	0.27	<2	0.44	<1	<5	<5	<5
1995621	Rock Pulp	7	14	0.05	130	0.001	<20	0.39	<0.01	0.20	<2	0.18	<1	<5	<5	<5
1995622	Drill Core	2	4	10.43	23	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1995623	Drill Core	26	7	0.55	209	0.007	<20	1.09	0.04	0.25	<2	<0.05	<1	<5	<5	<5
1995624	Drill Core	28	7	0.58	172	0.007	<20	1.09	0.05	0.25	<2	<0.05	<1	<5	<5	<5
1995625	Drill Core	25	8	0.64	275	0.039	<20	1.10	0.06	0.23	<2	<0.05	<1	<5	<5	<5
1995626	Drill Core	26	10	0.69	284	0.050	<20	1.20	0.07	0.28	<2	<0.05	<1	<5	7	<5
1995627	Drill Core	26	7	0.69	314	0.089	<20	1.16	0.07	0.21	<2	<0.05	<1	<5	<5	<5
1995628	Drill Core	26	6	0.66	289	0.068	<20	1.17	0.06	0.23	<2	<0.05	<1	<5	5	<5
1995629	Drill Core	27	7	0.71	257	0.061	<20	1.18	0.07	0.23	<2	<0.05	<1	<5	7	<5
1995630	Drill Core	25	7	0.71	253	0.082	<20	1.16	0.07	0.21	<2	<0.05	<1	<5	<5	<5
1995631	Drill Core	25	7	0.70	223	0.067	<20	1.17	0.07	0.23	<2	<0.05	<1	<5	<5	<5
1995632	Drill Core	26	7	0.71	245	0.112	<20	1.19	0.08	0.21	<2	<0.05	<1	<5	<5	5
1995633	Drill Core	24	6	0.69	259	0.111	<20	1.16	0.07	0.22	<2	<0.05	<1	<5	<5	<5
1995634	Drill Core	25	7	0.66	180	0.081	<20	1.11	0.05	0.22	<2	<0.05	<1	<5	<5	<5

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CERTIFICATE OF ANALYSIS WHI17000684.1

	Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995635	Drill Core	8.14	<2	<1	3	7	49	<0.3	2	5	673	2.29	3	11	58	<0.5	<3	<3	37	1.12	0.056
1995636	Drill Core	8.50	<2	<1	3	7	50	<0.3	2	6	657	2.30	3	10	59	<0.5	<3	<3	36	1.12	0.057
1995637	Drill Core	3.89	<2	<1	4	7	47	<0.3	2	5	696	2.24	3	11	75	<0.5	<3	<3	32	1.48	0.056
1995638	Drill Core	3.46	<2	<1	5	7	48	<0.3	2	5	678	2.29	3	13	70	<0.5	<3	<3	33	1.44	0.056
1995536	Drill Core	8.19	<2	<1	5	4	55	<0.3	2	6	728	2.59	2	11	53	<0.5	<3	<3	44	0.97	0.066
1995537	Drill Core	3.08	<2	<1	3	4	52	<0.3	2	6	646	2.42	<2	12	49	<0.5	<3	<3	40	0.88	0.062
1995538	Drill Core	3.31	2	<1	7	5	54	<0.3	2	6	686	2.55	<2	9	53	<0.5	<3	<3	43	0.94	0.064
1995539	Rock Pulp	0.13	3036	5	462	>10000	2313	95.5	15	13	1964	5.26	177	<2	45	28.3	72	<3	52	0.88	0.073
1995540	Drill Core	0.89	5	<1	3	8	12	<0.3	3	<1	86	0.15	4	<2	287	<0.5	<3	<3	15	20.42	0.010

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995635	Drill Core	27	6	0.70	242	0.108	<20	1.13	0.07	0.23	<2	<0.05	<1	<5	<5	<5
1995636	Drill Core	25	6	0.71	206	0.098	<20	1.16	0.08	0.21	<2	<0.05	<1	<5	<5	<5
1995637	Drill Core	24	7	0.66	180	0.070	<20	1.14	0.06	0.23	<2	<0.05	<1	<5	<5	<5
1995638	Drill Core	29	5	0.68	190	0.076	<20	1.13	0.06	0.23	<2	<0.05	<1	<5	<5	<5
1995536	Drill Core	29	4	0.82	413	0.096	<20	1.35	0.08	0.55	<2	<0.05	<1	<5	<5	<5
1995537	Drill Core	29	5	0.75	343	0.093	<20	1.26	0.08	0.54	<2	<0.05	<1	<5	<5	<5
1995538	Drill Core	24	6	0.79	358	0.098	<20	1.35	0.08	0.56	<2	<0.05	<1	<5	<5	5
1995539	Rock Pulp	7	24	0.90	200	0.098	<20	1.51	0.11	0.41	2	1.55	<1	<5	<5	<5
1995540	Drill Core	2	4	10.09	19	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5

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Report Date: September 15, 2017

QUALITY CONTROL REPORT WHI17000684.1

	Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1995551	Drill Core	7.44	<2	<1	4	5	54	<0.3	2	6	675	2.64	3	13	43	<0.5	<3	<3	46	0.98	0.065
REP 1995551	QC		<2																		
1995566	Drill Core	6.71	<2	<1	11	5	51	<0.3	2	6	693	2.42	3	12	58	<0.5	<3	<3	40	1.12	0.060
REP 1995566	QC			<1	11	6	51	<0.3	2	6	711	2.48	3	11	59	<0.5	<3	<3	41	1.14	0.061
1995588	Drill Core	7.10	<2	<1	3	10	48	<0.3	2	5	592	2.06	56	13	26	<0.5	<3	<3	21	0.31	0.056
REP 1995588	QC		<2																		
1995605	Drill Core	6.12	7	<1	5	10	51	<0.3	2	6	639	2.35	7	11	23	<0.5	<3	<3	24	0.32	0.062
REP 1995605	QC			<1	5	10	53	<0.3	2	6	642	2.37	7	13	23	<0.5	<3	<3	25	0.33	0.063
1995622	Drill Core	0.95	5	<1	3	6	13	<0.3	3	<1	90	0.16	5	<2	290	<0.5	<3	<3	16	20.54	0.012
REP 1995622	QC		5																		
1995636	Drill Core	8.50	<2	<1	3	7	50	<0.3	2	6	657	2.30	3	10	59	<0.5	<3	<3	36	1.12	0.057
REP 1995636	QC			<1	3	6	49	<0.3	2	5	659	2.31	3	11	60	<0.5	<3	<3	36	1.12	0.057
Core Reject Duplicates																					
1995597	Drill Core	0.90	7	<1	11	41	51	<0.3	2	6	658	2.30	50	11	26	<0.5	<3	<3	30	0.32	0.060
DUP 1995597	QC		6	<1	11	40	51	<0.3	2	6	655	2.36	54	12	27	<0.5	<3	<3	31	0.33	0.060
1995631	Drill Core	2.14	<2	<1	4	7	51	<0.3	2	6	738	2.37	4	10	75	<0.5	<3	<3	35	1.44	0.058
DUP 1995631	QC		<2	<1	4	6	49	<0.3	2	6	735	2.32	4	11	74	<0.5	<3	<3	34	1.43	0.057
Reference Materials																					
STD DS11	Standard			12	137	132	324	1.5	73	12	988	2.88	41	5	59	2.0	6	10	46	0.96	0.066
STD DS11	Standard			13	140	133	331	1.4	75	12	1024	2.98	41	5	64	2.1	5	11	48	1.01	0.068
STD DS11	Standard			13	142	132	330	1.6	74	13	999	2.92	42	5	63	2.1	6	11	48	0.98	0.068
STD OREAS45EA	Standard			1	694	12	30	0.4	376	53	410	20.71	5	8	4	<0.5	<3	<3	303	0.04	0.029
STD OREAS45EA	Standard			2	653	15	29	0.4	362	50	388	19.76	5	7	4	<0.5	<3	<3	291	0.04	0.028
STD OREAS45EA	Standard			2	666	13	29	0.3	368	50	396	20.04	5	8	4	<0.5	<3	<3	293	0.04	0.029
STD OXC145	Standard		207																		
STD OXC145	Standard		210																		
STD OXC145	Standard		210																		
STD OXH139	Standard		1400																		

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 15, 2017

QUALITY CONTROL REPORT WHI17000684.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1995551	Drill Core	28	5	0.80	327	0.130	<20	1.30	0.09	0.47	<2	<0.05	<1	<5	<5	<5
REP 1995551	QC															
1995566	Drill Core	25	5	0.75	242	0.131	<20	1.20	0.08	0.36	<2	<0.05	<1	<5	<5	5
REP 1995566	QC	26	5	0.77	248	0.135	<20	1.24	0.09	0.37	<2	<0.05	<1	<5	<5	5
1995588	Drill Core	27	3	0.41	364	0.005	<20	1.06	0.04	0.22	<2	<0.05	<1	<5	<5	<5
REP 1995588	QC															
1995605	Drill Core	29	3	0.65	252	0.009	<20	1.23	0.05	0.24	<2	<0.05	<1	<5	6	<5
REP 1995605	QC	30	3	0.65	256	0.009	<20	1.24	0.05	0.24	<2	<0.05	<1	<5	<5	<5
1995622	Drill Core	2	4	10.43	23	0.002	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
REP 1995622	QC															
1995636	Drill Core	25	6	0.71	206	0.098	<20	1.16	0.08	0.21	<2	<0.05	<1	<5	<5	<5
REP 1995636	QC	25	6	0.70	204	0.098	<20	1.16	0.07	0.21	<2	<0.05	<1	<5	<5	<5
Core Reject Duplicates																
1995597	Drill Core	29	3	0.53	310	0.015	<20	1.10	0.06	0.18	<2	<0.05	<1	<5	<5	<5
DUP 1995597	QC	31	3	0.53	319	0.016	<20	1.13	0.06	0.19	<2	<0.05	<1	<5	<5	<5
1995631	Drill Core	25	7	0.70	223	0.067	<20	1.17	0.07	0.23	<2	<0.05	<1	<5	<5	<5
DUP 1995631	QC	25	7	0.68	202	0.066	<20	1.12	0.05	0.21	<2	<0.05	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	15	54	0.80	396	0.081	<20	1.02	0.06	0.37	2	0.26	<1	6	<5	<5
STD DS11	Standard	17	57	0.83	417	0.087	<20	1.09	0.07	0.39	3	0.27	<1	7	<5	<5
STD DS11	Standard	17	56	0.83	411	0.084	<20	1.07	0.07	0.38	3	0.27	<1	6	<5	<5
STD OREAS45EA	Standard	8	866	0.10	146	0.100	<20	3.23	0.02	0.06	<2	<0.05	<1	<5	22	80
STD OREAS45EA	Standard	7	844	0.09	141	0.095	<20	3.04	0.02	0.05	<2	<0.05	<1	<5	20	78
STD OREAS45EA	Standard	7	846	0.09	140	0.097	<20	3.11	0.01	0.05	<2	<0.05	<1	<5	25	79
STD OXC145	Standard															
STD OXC145	Standard															
STD OXC145	Standard															
STD OXH139	Standard															

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 15, 2017

QUALITY CONTROL REPORT WHI17000684.1

		WGHT Wgt kg 0.01	FA350 Au ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01	AQ300 P % 0.001
STD OXH139	Standard		1263																		
STD OXH139	Standard		1256																		
STD OXC145 Expected			212																		
STD OXH139 Expected			1312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<1	5	<3	34	<0.3	1	3	510	1.68	<2	3	18	<0.5	<3	<3	22	0.51	0.038
ROCK-WHI	Prep Blank		<2	<1	4	<3	30	<0.3	<1	3	498	1.60	<2	2	18	<0.5	<3	<3	20	0.50	0.037

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Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 15, 2017

QUALITY CONTROL REPORT WHI17000684.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD OXH139	Standard															
STD OXH139	Standard															
STD OXC145 Expected																
STD OXH139 Expected																
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																
ROCK-WHI	Prep Blank	5	4	0.47	55	0.064	<20	0.78	0.06	0.08	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	5	5	0.44	51	0.065	<20	0.74	0.06	0.08	<2	<0.05	<1	<5	<5	<5

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: August 30, 2017
Report Date: October 05, 2017
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI17000750.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 136

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	136	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
SLBHP	0	Sort, label and box pulps			WHI
FA350-Au	136	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
EN002	136	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	136	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	136	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu
Alicia Cannata

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: October 05, 2017

CERTIFICATE OF ANALYSIS WHI17000750.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995639	Rock Pulp	0.12	703	5	69	118	179	75.9	9	1	1305	1.06	6	4	301	1.5	4	<3	3	8.67	0.003
1995640	Rock	0.93	6	<1	4	6	12	<0.3	3	<1	87	0.15	4	<2	283	<0.5	<3	<3	15	20.18	0.011
1995641	Drill Core	4.40	<2	30	12	7	49	<0.3	2	5	691	2.20	3	12	70	<0.5	<3	<3	30	1.51	0.054
1995642	Drill Core	7.76	<2	7	7	8	52	<0.3	2	5	680	2.32	4	13	59	<0.5	<3	<3	35	1.27	0.057
1995643	Drill Core	7.46	<2	<1	5	5	48	<0.3	2	5	646	2.34	2	13	59	<0.5	<3	<3	34	1.10	0.057
1995644	Drill Core	8.10	<2	<1	4	6	50	<0.3	2	5	704	2.44	3	12	58	<0.5	<3	<3	38	1.23	0.059
1995645	Drill Core	2.51	<2	<1	5	9	63	<0.3	2	7	936	2.99	5	13	65	<0.5	<3	<3	53	1.62	0.074
1995646	Drill Core	7.98	<2	<1	3	6	47	<0.3	2	5	662	2.27	2	12	60	<0.5	<3	<3	34	1.14	0.057
1995647	Drill Core	5.07	<2	<1	4	5	50	<0.3	1	5	690	2.46	<2	13	57	<0.5	<3	<3	38	1.05	0.061
1995648	Drill Core	7.64	6	<1	4	8	52	<0.3	2	6	682	2.44	17	13	56	<0.5	<3	<3	37	1.35	0.062
1995649	Drill Core	7.78	4	<1	6	12	65	<0.3	2	5	660	2.33	4	11	58	<0.5	<3	<3	36	1.22	0.058
1995650	Drill Core	6.97	<2	<1	4	6	52	<0.3	2	6	684	2.48	2	12	46	<0.5	<3	<3	43	1.07	0.063
1995651	Drill Core	8.25	<2	<1	4	7	52	<0.3	2	6	669	2.45	3	10	50	<0.5	<3	<3	41	1.09	0.060
1995652	Drill Core	7.74	<2	<1	4	6	52	<0.3	2	6	709	2.53	3	11	50	<0.5	<3	<3	42	1.12	0.061
1995653	Drill Core	7.06	<2	<1	3	7	49	<0.3	2	5	655	2.31	3	12	53	<0.5	<3	<3	34	1.21	0.058
1995654	Drill Core	7.03	<2	<1	4	7	50	<0.3	2	5	721	2.41	9	11	58	<0.5	<3	<3	37	1.40	0.059
1995655	Drill Core	7.05	<2	<1	5	8	49	<0.3	2	5	701	2.39	5	12	50	<0.5	<3	<3	35	1.36	0.059
1995656	Drill Core	7.18	<2	<1	4	6	47	<0.3	2	5	659	2.35	3	12	45	<0.5	<3	<3	36	1.07	0.056
1995657	Drill Core	3.28	<2	<1	4	6	53	<0.3	2	5	589	2.28	135	11	27	<0.5	<3	<3	33	0.34	0.062
1995658	Drill Core	3.21	<2	<1	4	7	53	<0.3	2	6	660	2.25	147	13	26	<0.5	<3	<3	32	0.33	0.063
1995659	Rock Pulp	0.12	802	5	71	118	181	79.4	9	1	1320	1.11	6	5	303	1.6	4	<3	4	8.59	0.003
1995660	Rock	1.11	8	<1	2	6	12	<0.3	3	<1	87	0.14	4	<2	286	<0.5	<3	<3	14	19.78	0.010
1995661	Drill Core	6.99	<2	<1	4	12	44	<0.3	2	5	761	2.11	215	14	17	<0.5	<3	<3	18	0.26	0.065
1995662	Drill Core	6.69	2	<1	3	13	44	<0.3	1	5	712	2.10	93	14	17	<0.5	<3	<3	14	0.24	0.060
1995663	Drill Core	2.66	<2	<1	4	12	50	0.4	2	6	652	2.31	87	13	18	<0.5	<3	<3	19	0.27	0.062
1995664	Drill Core	6.38	<2	<1	2	13	37	<0.3	1	6	766	2.14	149	12	16	<0.5	<3	<3	10	0.23	0.063
1995665	Drill Core	3.52	3	<1	2	13	55	<0.3	2	7	993	3.22	289	11	20	<0.5	<3	<3	15	0.27	0.060
1995666	Drill Core	3.65	<2	<1	29	6	99	<0.3	53	28	1136	5.34	127	<2	133	<0.5	<3	<3	67	1.70	0.245
1995667	Drill Core	1.32	3	<1	5	7	49	<0.3	4	6	637	2.85	188	12	37	<0.5	<3	<3	32	0.45	0.066
1995668	Drill Core	6.17	<2	<1	6	4	53	<0.3	2	6	607	2.55	56	11	33	<0.5	<3	<3	44	0.44	0.064

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: October 05, 2017

CERTIFICATE OF ANALYSIS WHI17000750.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995639	Rock Pulp	7	15	0.04	127	0.001	<20	0.39	<0.01	0.20	<2	0.18	<1	<5	<5	<5
1995640	Rock	2	7	10.11	20	0.002	<20	0.11	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1995641	Drill Core	24	3	0.66	153	0.074	<20	1.09	0.05	0.22	<2	<0.05	<1	<5	<5	<5
1995642	Drill Core	25	5	0.69	186	0.126	<20	1.11	0.06	0.20	<2	<0.05	<1	<5	<5	<5
1995643	Drill Core	25	2	0.70	211	0.097	<20	1.16	0.07	0.28	<2	<0.05	<1	<5	<5	<5
1995644	Drill Core	26	4	0.72	218	0.139	<20	1.16	0.07	0.22	<2	<0.05	<1	<5	<5	5
1995645	Drill Core	30	3	0.97	167	0.155	<20	1.31	0.04	0.16	<2	<0.05	<1	<5	<5	11
1995646	Drill Core	25	2	0.69	192	0.099	<20	1.12	0.06	0.26	<2	<0.05	<1	<5	<5	<5
1995647	Drill Core	28	4	0.73	290	0.118	<20	1.19	0.08	0.37	<2	<0.05	<1	<5	<5	5
1995648	Drill Core	27	3	0.75	157	0.121	<20	1.14	0.05	0.23	<2	<0.05	<1	<5	<5	6
1995649	Drill Core	25	4	0.72	133	0.133	<20	1.12	0.06	0.19	<2	<0.05	<1	<5	<5	<5
1995650	Drill Core	27	3	0.77	218	0.149	<20	1.18	0.08	0.33	<2	<0.05	<1	<5	<5	<5
1995651	Drill Core	24	4	0.75	178	0.137	<20	1.16	0.08	0.27	<2	<0.05	<1	<5	<5	<5
1995652	Drill Core	25	4	0.77	190	0.150	<20	1.20	0.08	0.24	<2	<0.05	<1	<5	<5	<5
1995653	Drill Core	23	2	0.70	118	0.111	<20	1.14	0.06	0.20	<2	<0.05	<1	<5	<5	<5
1995654	Drill Core	26	3	0.72	135	0.127	<20	1.17	0.06	0.20	<2	<0.05	<1	<5	<5	<5
1995655	Drill Core	25	2	0.72	113	0.125	<20	1.12	0.05	0.16	<2	<0.05	<1	<5	<5	<5
1995656	Drill Core	24	3	0.70	136	0.125	<20	1.12	0.07	0.18	<2	<0.05	<1	<5	<5	<5
1995657	Drill Core	25	3	0.49	395	0.068	<20	1.24	0.07	0.45	<2	<0.05	<1	<5	<5	<5
1995658	Drill Core	28	2	0.47	389	0.057	<20	1.22	0.06	0.42	<2	<0.05	<1	<5	<5	<5
1995659	Rock Pulp	7	16	0.05	132	0.001	<20	0.41	<0.01	0.21	<2	0.19	<1	<5	<5	<5
1995660	Rock	2	7	10.02	20	0.002	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1995661	Drill Core	33	2	0.15	243	0.003	<20	0.66	0.02	0.28	<2	<0.05	<1	<5	<5	<5
1995662	Drill Core	32	2	0.18	266	0.002	<20	0.65	0.02	0.25	<2	<0.05	<1	<5	<5	<5
1995663	Drill Core	30	2	0.24	329	0.008	<20	0.79	0.03	0.28	<2	<0.05	<1	<5	<5	<5
1995664	Drill Core	30	2	0.07	290	<0.001	<20	0.47	0.01	0.26	<2	<0.05	<1	<5	<5	<5
1995665	Drill Core	27	3	0.17	350	<0.001	<20	0.68	0.01	0.28	<2	<0.05	<1	<5	<5	<5
1995666	Drill Core	30	66	1.46	522	0.168	<20	2.37	0.23	0.19	<2	<0.05	<1	<5	<5	8
1995667	Drill Core	31	4	0.81	423	0.051	<20	1.51	0.06	0.42	<2	<0.05	<1	<5	<5	5
1995668	Drill Core	25	4	0.68	409	0.170	<20	1.33	0.10	0.68	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: October 05, 2017

CERTIFICATE OF ANALYSIS WHI17000750.1

	Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995669	Drill Core	4.06	<2	<1	5	4	51	<0.3	2	6	613	2.52	45	11	31	<0.5	<3	<3	44	0.42	0.066
1995670	Drill Core	2.69	2	<1	6	5	56	<0.3	2	6	740	2.77	54	13	33	<0.5	<3	<3	48	0.45	0.068
1995671	Drill Core	5.76	<2	<1	4	3	54	<0.3	2	6	671	2.73	31	12	31	<0.5	<3	<3	45	0.42	0.068
1995672	Drill Core	6.34	<2	<1	7	<3	52	0.4	2	7	575	2.63	36	12	29	<0.5	<3	<3	45	0.39	0.065
1995673	Drill Core	3.61	<2	<1	4	4	52	<0.3	2	7	673	2.68	81	14	29	<0.5	<3	<3	43	0.37	0.067
1995674	Drill Core	1.38	<2	<1	5	9	43	<0.3	1	5	395	2.13	168	12	21	<0.5	<3	<3	20	0.30	0.066
1995675	Drill Core	7.76	<2	<1	4	3	49	0.3	2	7	563	2.49	15	12	26	<0.5	<3	<3	42	0.38	0.063
1995676	Drill Core	2.88	2	<1	6	3	45	<0.3	2	6	538	2.41	64	11	25	<0.5	<3	<3	39	0.34	0.063
1995678	Drill Core	2.95	2	<1	6	4	47	<0.3	2	7	584	2.50	84	12	25	<0.5	<3	3	40	0.34	0.065
1995679	Rock Pulp	0.12	713	6	62	117	174	74.2	9	1	1242	1.04	6	5	287	1.7	4	<3	3	8.01	0.001
1995680	Rock	1.28	6	<1	2	9	11	<0.3	3	<1	89	0.15	4	<2	273	<0.5	<3	<3	15	19.10	0.008
1995681	Drill Core	7.08	<2	<1	3	<3	50	<0.3	2	7	555	2.50	18	11	28	<0.5	<3	<3	44	0.37	0.063
1995682	Drill Core	3.03	<2	<1	4	4	61	<0.3	2	8	662	2.97	62	11	27	<0.5	<3	<3	51	0.36	0.069
1995683	Drill Core	6.14	<2	<1	4	4	53	<0.3	2	7	572	2.51	68	14	24	<0.5	<3	<3	40	0.33	0.065
1995684	Drill Core	5.25	<2	<1	4	<3	54	<0.3	2	7	628	2.65	8	13	34	<0.5	<3	<3	44	0.53	0.068
1995685	Drill Core	6.32	<2	<1	4	4	52	<0.3	2	7	670	2.55	15	13	39	<0.5	<3	<3	38	0.60	0.063
1995686	Drill Core	2.08	<2	<1	6	5	51	<0.3	2	6	613	2.48	62	13	25	<0.5	<3	<3	37	0.34	0.064
1995687	Drill Core	9.01	<2	<1	3	3	50	<0.3	2	7	639	2.50	3	12	43	<0.5	<3	<3	42	0.74	0.063
1995688	Drill Core	6.42	<2	<1	4	<3	51	<0.3	2	7	596	2.60	16	12	29	<0.5	<3	<3	42	0.39	0.064
1995689	Drill Core	8.05	<2	<1	4	5	53	<0.3	2	7	650	2.61	4	13	47	<0.5	<3	<3	45	0.77	0.066
1995690	Drill Core	7.64	<2	<1	5	7	50	<0.3	2	6	681	2.43	<2	14	94	<0.5	<3	<3	33	1.56	0.065
1995691	Drill Core	6.92	<2	<1	3	<3	52	<0.3	2	7	642	2.55	<2	13	52	<0.5	<3	3	43	0.88	0.064
1995692	Drill Core	7.46	<2	<1	3	6	50	<0.3	2	6	654	2.44	6	13	78	<0.5	<3	<3	32	1.52	0.065
1995693	Drill Core	4.22	<2	<1	4	8	50	<0.3	2	6	615	2.31	5	13	103	<0.5	<3	<3	21	1.75	0.063
1995694	Drill Core	6.30	<2	<1	3	<3	48	<0.3	2	7	639	2.45	3	11	62	<0.5	<3	<3	38	1.06	0.061
1995695	Drill Core	6.74	<2	<1	6	<3	48	<0.3	2	6	626	2.39	7	13	58	<0.5	<3	<3	35	1.16	0.060
1995696	Drill Core	5.44	<2	<1	5	<3	50	<0.3	2	7	682	2.49	<2	13	74	<0.5	<3	<3	36	1.28	0.064
1995697	Drill Core	1.84	<2	<1	7	6	37	<0.3	1	5	827	2.07	18	13	117	<0.5	<3	<3	16	2.29	0.061
1995698	Drill Core	1.89	<2	<1	7	9	35	<0.3	1	5	821	2.11	33	14	97	<0.5	<3	<3	16	2.04	0.060
1995699	Rock Pulp	0.12	718	5	66	116	174	82.5	9	1	1255	1.05	6	5	288	1.7	4	<3	3	8.07	0.001

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Project: 2K
Report Date: October 05, 2017

CERTIFICATE OF ANALYSIS WHI17000750.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995669	Drill Core	25	3	0.70	438	0.170	<20	1.30	0.10	0.68	<2	<0.05	<1	<5	<5	<5
1995670	Drill Core	31	3	0.72	442	0.174	<20	1.32	0.08	0.52	<2	<0.05	<1	<5	<5	7
1995671	Drill Core	27	4	0.75	445	0.135	<20	1.38	0.09	0.61	<2	<0.05	<1	<5	<5	5
1995672	Drill Core	25	5	0.69	439	0.140	<20	1.33	0.11	0.65	<2	<0.05	<1	<5	<5	<5
1995673	Drill Core	31	5	0.66	393	0.075	<20	1.35	0.09	0.42	<2	<0.05	<1	<5	<5	5
1995674	Drill Core	29	3	0.31	234	0.013	<20	0.99	0.04	0.36	<2	<0.05	<1	<5	<5	<5
1995675	Drill Core	25	6	0.69	378	0.122	<20	1.28	0.09	0.60	<2	<0.05	<1	<5	<5	<5
1995676	Drill Core	25	5	0.62	399	0.105	<20	1.22	0.08	0.56	<2	<0.05	<1	<5	<5	<5
1995678	Drill Core	25	5	0.61	401	0.099	<20	1.23	0.08	0.56	<2	<0.05	<1	<5	<5	<5
1995679	Rock Pulp	7	14	0.04	123	0.001	<20	0.38	<0.01	0.20	<2	0.18	<1	<5	<5	<5
1995680	Rock	2	3	10.33	20	0.002	<20	0.10	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995681	Drill Core	24	6	0.67	424	0.136	<20	1.32	0.11	0.67	<2	<0.05	<1	<5	<5	<5
1995682	Drill Core	24	5	0.77	432	0.119	<20	1.49	0.09	0.65	<2	<0.05	<1	<5	<5	8
1995683	Drill Core	29	4	0.66	400	0.097	<20	1.30	0.07	0.57	<2	<0.05	<1	<5	<5	<5
1995684	Drill Core	26	5	0.76	370	0.121	<20	1.36	0.10	0.59	<2	<0.05	<1	<5	<5	<5
1995685	Drill Core	27	5	0.67	356	0.081	<20	1.29	0.09	0.53	<2	<0.05	<1	<5	<5	<5
1995686	Drill Core	27	5	0.62	417	0.069	<20	1.26	0.06	0.50	<2	<0.05	<1	<5	<5	<5
1995687	Drill Core	25	6	0.69	382	0.119	<20	1.28	0.10	0.64	<2	<0.05	<1	<5	<5	<5
1995688	Drill Core	24	5	0.69	396	0.106	<20	1.35	0.10	0.62	<2	<0.05	<1	<5	<5	<5
1995689	Drill Core	27	6	0.73	422	0.123	<20	1.38	0.11	0.66	<2	<0.05	<1	<5	<5	5
1995690	Drill Core	29	6	0.64	350	0.054	<20	1.23	0.05	0.45	<2	<0.05	<1	<5	<5	<5
1995691	Drill Core	27	7	0.73	387	0.124	<20	1.32	0.09	0.64	<2	<0.05	<1	<5	<5	<5
1995692	Drill Core	28	5	0.62	685	0.070	<20	1.14	0.05	0.51	<2	<0.05	<1	<5	<5	<5
1995693	Drill Core	28	4	0.54	3048	0.024	<20	1.06	0.02	0.39	<2	0.07	<1	<5	<5	<5
1995694	Drill Core	24	6	0.68	427	0.111	<20	1.25	0.08	0.64	<2	<0.05	<1	<5	<5	<5
1995695	Drill Core	29	6	0.57	360	0.084	<20	1.13	0.06	0.54	<2	<0.05	<1	<5	<5	<5
1995696	Drill Core	27	6	0.67	359	0.089	<20	1.14	0.06	0.61	<2	<0.05	<1	<5	<5	<5
1995697	Drill Core	27	3	0.64	538	0.017	<20	0.64	0.02	0.37	<2	<0.05	<1	<5	<5	<5
1995698	Drill Core	29	3	0.55	413	0.015	<20	0.65	0.03	0.39	<2	<0.05	<1	<5	<5	<5
1995699	Rock Pulp	7	14	0.04	124	0.001	<20	0.37	<0.01	0.20	<2	0.18	<1	<5	<5	<5

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CERTIFICATE OF ANALYSIS WHI17000750.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995700	Rock	0.95	5	<1	3	6	10	<0.3	3	<1	91	0.15	4	<2	281	<0.5	4	<3	16	19.72	0.007
1995701	Drill Core	7.72	<2	<1	11	<3	63	<0.3	2	9	788	3.14	8	11	56	<0.5	<3	<3	54	1.07	0.076
1995702	Drill Core	7.67	<2	<1	4	<3	49	<0.3	2	7	596	2.42	3	12	39	<0.5	<3	<3	43	0.66	0.063
1995703	Drill Core	7.82	<2	<1	4	<3	47	<0.3	2	6	619	2.42	3	12	47	<0.5	<3	<3	42	0.85	0.059
1995704	Drill Core	8.50	<2	<1	4	4	49	<0.3	2	7	626	2.56	3	13	44	<0.5	<3	<3	46	0.74	0.063
1995705	Drill Core	7.48	<2	<1	4	<3	47	<0.3	2	7	592	2.46	4	13	35	<0.5	<3	<3	44	0.70	0.061
1995706	Drill Core	3.62	<2	<1	4	<3	48	<0.3	2	6	649	2.42	16	14	44	<0.5	<3	<3	42	1.05	0.061
1995707	Drill Core	5.43	<2	<1	7	<3	49	<0.3	2	6	628	2.47	16	13	42	<0.5	<3	<3	41	0.90	0.062
1995708	Drill Core	6.60	51	<1	5	6	51	<0.3	2	7	719	2.68	1326	14	79	<0.5	<3	<3	36	1.58	0.063
1995709	Drill Core	6.52	47	<1	8	11	46	<0.3	2	6	740	2.34	1017	9	79	<0.5	<3	<3	31	1.52	0.059
1995710	Drill Core	4.54	20	<1	8	81	326	0.5	2	6	710	2.36	2008	10	69	8.0	<3	<3	33	1.30	0.062
1995711	Drill Core	2.71	30	<1	4	4	50	<0.3	2	6	629	2.46	8	12	43	<0.5	<3	<3	42	0.83	0.064
1995712	Drill Core	5.44	6	<1	5	7	52	<0.3	2	6	633	2.56	64	9	33	<0.5	<3	<3	45	0.69	0.066
1995713	Drill Core	4.93	<2	<1	6	3	49	<0.3	2	6	569	2.35	4	11	30	<0.5	<3	<3	41	0.55	0.059
1995714	Drill Core	3.44	<2	<1	6	<3	50	<0.3	2	6	584	2.41	3	10	35	<0.5	<3	<3	41	0.64	0.060
1995715	Drill Core	5.52	9	<1	5	9	50	<0.3	2	5	620	2.16	378	9	48	<0.5	<3	<3	32	1.04	0.061
1995716	Drill Core	8.24	<2	<1	10	<3	58	<0.3	2	7	719	2.71	3	10	39	<0.5	<3	<3	49	0.64	0.068
1995717	Drill Core	3.16	3	<1	4	14	45	<0.3	2	5	671	1.97	44	12	19	<0.5	<3	<3	20	0.27	0.053
1995718	Drill Core	3.54	3	1	4	15	45	0.3	2	5	668	1.98	45	12	19	<0.5	<3	<3	19	0.26	0.053
1995719	Rock Pulp	0.12	719	6	66	121	176	76.7	9	1	1239	1.01	7	4	294	1.6	6	<3	3	7.99	0.002
1995720	Rock	0.58	5	<1	10	12	14	<0.3	3	<1	94	0.16	4	<2	290	0.5	<3	<3	16	19.03	0.008
1995721	Drill Core	4.48	5	<1	4	14	47	<0.3	2	5	673	1.98	35	13	19	<0.5	<3	<3	19	0.25	0.053
1995722	Drill Core	2.44	6	1	3	17	44	<0.3	1	4	573	1.95	49	13	20	<0.5	<3	<3	16	0.28	0.053
1995723	Drill Core	3.17	<2	<1	2	18	43	<0.3	1	4	654	1.84	57	13	19	<0.5	<3	<3	18	0.26	0.052
1995724	Drill Core	6.03	<2	<1	4	16	46	<0.3	2	5	774	1.94	60	11	20	<0.5	<3	<3	20	0.27	0.052
1995725	Drill Core	3.55	<2	<1	3	16	47	<0.3	2	5	626	2.03	57	13	22	<0.5	<3	<3	20	0.28	0.056
1995726	Drill Core	1.26	<2	1	3	18	46	<0.3	2	5	830	1.78	37	11	21	<0.5	<3	<3	16	0.28	0.049
1995727	Drill Core	7.77	<2	<1	9	14	58	0.6	10	8	674	2.73	38	11	28	<0.5	<3	<3	32	0.40	0.087
1995728	Drill Core	2.63	<2	<1	4	11	50	<0.3	5	6	754	2.25	81	13	27	<0.5	<3	<3	25	0.33	0.059
1995729	Drill Core	2.70	<2	<1	24	3	100	<0.3	50	26	930	6.79	101	3	71	<0.5	<3	<3	109	1.15	0.265

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Project: 2K
Report Date: October 05, 2017

CERTIFICATE OF ANALYSIS WHI17000750.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995700	Rock	2	4	10.75	22	0.002	<20	0.10	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
1995701	Drill Core	23	7	0.89	678	0.150	<20	1.64	0.10	0.82	<2	<0.05	<1	<5	<5	8
1995702	Drill Core	23	7	0.67	462	0.146	<20	1.27	0.11	0.67	<2	<0.05	<1	<5	<5	<5
1995703	Drill Core	25	7	0.69	392	0.129	<20	1.29	0.11	0.67	<2	<0.05	<1	<5	<5	<5
1995704	Drill Core	25	7	0.73	445	0.150	<20	1.37	0.13	0.72	<2	<0.05	<1	<5	<5	<5
1995705	Drill Core	26	6	0.68	388	0.152	<20	1.26	0.11	0.67	<2	<0.05	<1	<5	<5	<5
1995706	Drill Core	29	6	0.69	364	0.111	<20	1.22	0.08	0.54	<2	<0.05	<1	<5	<5	<5
1995707	Drill Core	25	6	0.72	392	0.107	<20	1.34	0.09	0.63	<2	<0.05	<1	<5	<5	<5
1995708	Drill Core	28	7	0.69	244	0.058	<20	1.29	0.06	0.43	<2	0.10	<1	<5	<5	<5
1995709	Drill Core	21	4	0.60	260	0.057	<20	1.12	0.06	0.46	<2	0.19	<1	<5	<5	<5
1995710	Drill Core	20	4	0.62	291	0.090	<20	1.07	0.07	0.58	<2	0.21	<1	<5	<5	<5
1995711	Drill Core	26	5	0.68	370	0.144	<20	1.29	0.10	0.78	<2	0.07	<1	<5	<5	<5
1995712	Drill Core	22	5	0.72	362	0.151	<20	1.30	0.10	0.73	<2	<0.05	<1	<5	<5	<5
1995713	Drill Core	22	5	0.65	347	0.158	<20	1.28	0.12	0.70	<2	<0.05	<1	<5	<5	<5
1995714	Drill Core	23	5	0.65	328	0.135	<20	1.24	0.12	0.67	<2	<0.05	<1	<5	<5	<5
1995715	Drill Core	21	5	0.59	269	0.088	<20	1.07	0.07	0.49	<2	<0.05	<1	<5	<5	<5
1995716	Drill Core	25	4	0.78	462	0.175	<20	1.44	0.13	0.83	<2	<0.05	<1	<5	<5	<5
1995717	Drill Core	25	3	0.34	341	0.013	<20	1.00	0.02	0.27	<2	<0.05	<1	<5	<5	<5
1995718	Drill Core	26	3	0.32	346	0.011	<20	1.00	0.02	0.28	<2	<0.05	<1	<5	<5	<5
1995719	Rock Pulp	7	14	0.04	124	0.001	<20	0.37	<0.01	0.20	<2	0.19	<1	<5	<5	<5
1995720	Rock	2	3	11.06	23	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995721	Drill Core	27	3	0.32	365	0.016	<20	0.94	0.03	0.29	<2	<0.05	<1	<5	<5	<5
1995722	Drill Core	29	2	0.30	289	0.003	<20	0.98	0.02	0.25	<2	<0.05	<1	<5	<5	<5
1995723	Drill Core	26	3	0.30	313	0.006	<20	0.89	0.03	0.24	<2	<0.05	<1	<5	<5	<5
1995724	Drill Core	24	3	0.35	329	0.005	<20	0.92	0.03	0.21	<2	<0.05	<1	<5	<5	<5
1995725	Drill Core	28	3	0.35	332	0.007	<20	1.02	0.03	0.23	<2	<0.05	<1	<5	<5	<5
1995726	Drill Core	25	2	0.35	309	0.003	<20	0.97	0.02	0.22	<2	<0.05	<1	<5	<5	<5
1995727	Drill Core	28	21	0.62	364	0.005	<20	1.60	0.03	0.31	<2	<0.05	<1	<5	<5	<5
1995728	Drill Core	31	8	0.50	398	0.003	<20	1.25	0.03	0.22	<2	<0.05	<1	<5	<5	<5
1995729	Drill Core	40	100	1.84	750	0.009	<20	3.55	0.03	0.19	<2	<0.05	<1	<5	10	9

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CERTIFICATE OF ANALYSIS WHI17000750.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995730	Drill Core	5.19	<2	<1	7	13	44	<0.3	2	5	677	1.84	9	11	87	<0.5	<3	<3	16	1.62	0.049
1995731	Drill Core	6.38	<2	<1	5	8	50	<0.3	2	6	700	2.21	5	12	16	<0.5	<3	<3	26	0.23	0.055
1995732	Drill Core	4.45	<2	<1	13	12	51	<0.3	2	6	648	2.21	13	12	19	<0.5	<3	<3	26	0.24	0.055
1995733	Drill Core	3.71	<2	<1	3	12	49	<0.3	2	5	584	2.07	32	13	21	<0.5	<3	<3	18	0.28	0.060
1995734	Drill Core	5.07	<2	<1	4	9	49	<0.3	2	5	552	2.02	27	11	21	<0.5	<3	<3	19	0.26	0.056
1995735	Drill Core	4.41	<2	<1	4	8	50	<0.3	2	6	612	2.24	12	12	18	<0.5	<3	<3	23	0.23	0.057
1995736	Drill Core	2.29	<2	<1	3	12	49	<0.3	2	5	790	2.01	23	14	20	<0.5	<3	<3	19	0.26	0.057
1995737	Drill Core	2.01	3	<1	4	13	50	<0.3	2	5	624	2.10	20	12	19	<0.5	<3	<3	20	0.25	0.057
1995738	Drill Core	1.85	5	1	4	12	47	0.3	2	5	681	2.00	24	12	19	<0.5	<3	<3	19	0.25	0.056
1995739	Rock Pulp	0.12	732	5	65	121	177	78.9	10	1	1239	1.03	7	4	294	1.6	5	<3	4	8.13	0.002
1995740	Rock	0.38	5	<1	3	9	12	<0.3	3	<1	92	0.15	4	<2	287	<0.5	5	<3	15	18.97	0.007
1995741	Drill Core	1.83	<2	<1	4	13	47	<0.3	1	5	595	1.98	10	14	24	<0.5	<3	<3	11	0.49	0.054
1995742	Drill Core	7.19	<2	<1	3	7	46	<0.3	2	5	644	2.07	10	11	53	<0.5	<3	<3	23	1.35	0.050
1995743	Drill Core	7.49	<2	<1	3	6	47	<0.3	2	6	640	2.15	9	13	50	<0.5	<3	<3	25	1.09	0.056
1995744	Drill Core	7.55	<2	<1	3	10	48	<0.3	2	5	658	2.16	12	11	72	<0.5	<3	<3	22	1.55	0.055
1995745	Drill Core	6.63	<2	<1	2	13	44	<0.3	2	5	610	1.93	4	12	112	<0.5	<3	<3	16	1.95	0.052
1995746	Drill Core	6.63	3	<1	3	14	43	<0.3	1	5	699	1.94	3	11	144	<0.5	<3	<3	12	2.48	0.056
1995747	Drill Core	6.15	13	14	8	14	40	0.8	1	6	633	1.86	2	11	146	<0.5	<3	<3	8	2.56	0.054
1995748	Drill Core	7.45	2	<1	3	16	41	<0.3	2	5	677	1.95	3	11	167	<0.5	<3	<3	13	2.82	0.056
1995749	Drill Core	5.52	<2	7	9	12	49	<0.3	3	6	733	2.40	5	11	136	<0.5	<3	<3	19	2.53	0.061
1995750	Drill Core	4.19	3	<1	27	4	90	<0.3	52	27	959	5.12	91	<2	199	<0.5	<3	<3	63	2.81	0.230
1995751	Drill Core	7.80	<2	<1	6	5	54	<0.3	2	7	667	2.72	7	11	52	<0.5	<3	<3	41	1.10	0.069
1995752	Drill Core	7.92	<2	<1	4	4	51	<0.3	2	6	613	2.57	3	11	49	<0.5	<3	<3	43	0.89	0.063
1995753	Drill Core	7.35	<2	<1	2	9	50	<0.3	2	6	586	2.24	7	14	19	<0.5	<3	<3	23	0.25	0.058
1995754	Drill Core	7.59	<2	<1	8	5	52	<0.3	2	7	669	2.64	3	13	61	<0.5	<3	<3	43	1.01	0.064
1995755	Drill Core	7.44	3	<1	5	5	51	<0.3	2	6	617	2.54	4	12	67	<0.5	<3	<3	39	1.02	0.064
1995756	Drill Core	7.99	<2	<1	5	6	51	<0.3	2	6	635	2.52	9	12	65	<0.5	<3	<3	39	1.13	0.063
1995757	Drill Core	3.08	<2	<1	4	3	52	<0.3	2	6	656	2.57	<2	12	72	<0.5	<3	<3	40	0.99	0.064
1995758	Drill Core	2.93	<2	<1	4	5	53	<0.3	2	6	666	2.58	<2	12	72	<0.5	<3	<3	40	1.02	0.066
1995759	Rock Pulp	0.12	770	5	63	116	176	77.0	9	1	1242	1.02	6	5	295	1.6	4	<3	3	8.16	0.001

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995730	Drill Core	25	3	0.49	188	0.001	<20	1.05	0.02	0.22	<2	<0.05	<1	<5	<5	<5
1995731	Drill Core	27	3	0.64	316	0.003	<20	1.08	0.04	0.13	<2	<0.05	<1	<5	<5	<5
1995732	Drill Core	25	3	0.56	318	0.003	<20	1.07	0.05	0.14	<2	<0.05	<1	<5	<5	<5
1995733	Drill Core	31	3	0.40	314	0.002	<20	1.06	0.02	0.23	<2	<0.05	<1	<5	<5	<5
1995734	Drill Core	27	2	0.45	328	0.004	<20	1.06	0.04	0.19	<2	<0.05	<1	<5	<5	<5
1995735	Drill Core	27	3	0.55	248	0.002	<20	1.06	0.04	0.14	<2	<0.05	<1	<5	<5	<5
1995736	Drill Core	32	3	0.44	306	0.002	<20	1.05	0.03	0.20	<2	<0.05	<1	<5	<5	<5
1995737	Drill Core	27	3	0.46	267	0.004	<20	1.10	0.03	0.21	<2	<0.05	<1	<5	<5	<5
1995738	Drill Core	27	3	0.43	276	0.003	<20	1.07	0.03	0.22	<2	<0.05	<1	<5	<5	<5
1995739	Rock Pulp	7	14	0.04	126	0.001	<20	0.38	<0.01	0.21	<2	0.20	<1	<5	<5	<5
1995740	Rock	2	3	11.09	22	0.002	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995741	Drill Core	31	2	0.43	148	0.002	<20	1.06	0.01	0.24	<2	<0.05	<1	<5	<5	<5
1995742	Drill Core	24	3	0.58	170	0.008	<20	1.02	0.04	0.16	<2	<0.05	<1	<5	<5	<5
1995743	Drill Core	26	3	0.60	185	0.011	<20	1.06	0.04	0.19	<2	<0.05	<1	<5	<5	<5
1995744	Drill Core	25	3	0.54	203	0.009	<20	1.10	0.04	0.24	<2	<0.05	<1	<5	<5	<5
1995745	Drill Core	28	3	0.40	300	0.003	<20	0.72	0.03	0.24	<2	<0.05	<1	<5	<5	<5
1995746	Drill Core	26	2	0.40	491	0.002	<20	0.44	0.03	0.27	<2	<0.05	<1	<5	<5	<5
1995747	Drill Core	24	2	0.50	1351	<0.001	<20	0.36	0.01	0.27	<2	0.15	<1	<5	<5	<5
1995748	Drill Core	27	1	0.93	1404	<0.001	<20	0.38	0.01	0.26	<2	<0.05	<1	<5	<5	<5
1995749	Drill Core	28	3	0.87	384	<0.001	<20	0.55	0.03	0.26	<2	<0.05	<1	<5	<5	<5
1995750	Drill Core	29	64	1.83	239	0.136	<20	2.08	0.27	0.21	<2	0.08	<1	<5	<5	6
1995751	Drill Core	27	3	0.81	337	0.081	<20	1.32	0.08	0.42	<2	<0.05	<1	<5	5	<5
1995752	Drill Core	25	4	0.68	440	0.136	<20	1.27	0.11	0.58	<2	<0.05	<1	<5	<5	<5
1995753	Drill Core	31	3	0.54	244	0.005	<20	1.11	0.04	0.20	<2	<0.05	<1	<5	<5	<5
1995754	Drill Core	30	4	0.73	380	0.118	<20	1.35	0.11	0.54	<2	<0.05	<1	<5	<5	<5
1995755	Drill Core	29	4	0.68	366	0.100	<20	1.26	0.09	0.54	<2	<0.05	<1	<5	<5	<5
1995756	Drill Core	26	3	0.68	359	0.106	<20	1.23	0.09	0.57	<2	<0.05	<1	<5	<5	<5
1995757	Drill Core	27	3	0.72	370	0.110	<20	1.20	0.10	0.52	<2	<0.05	<1	<5	<5	<5
1995758	Drill Core	28	3	0.72	390	0.109	<20	1.17	0.09	0.51	<2	<0.05	<1	<5	<5	<5
1995759	Rock Pulp	7	13	0.04	126	0.001	<20	0.36	<0.01	0.20	2	0.17	<1	<5	<5	<5

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Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995760	Rock	1.02	6	<1	4	10	12	<0.3	3	<1	90	0.15	4	<2	293	0.5	<3	<3	16	19.60	0.008
1995761	Drill Core	4.52	10	<1	5	19	49	<0.3	2	5	821	2.27	778	13	172	<0.5	<3	<3	17	2.71	0.064
1995762	Drill Core	7.85	6	<1	8	<3	51	<0.3	2	6	715	2.64	43	12	66	<0.5	<3	<3	45	1.15	0.063
1995763	Drill Core	8.03	18	<1	13	5	56	<0.3	2	7	732	2.68	230	11	62	<0.5	<3	<3	45	1.30	0.065
1995764	Drill Core	8.11	<2	<1	6	5	58	<0.3	2	7	792	3.01	6	12	63	<0.5	<3	<3	52	1.28	0.070
1995765	Drill Core	8.02	6	<1	5	12	60	<0.3	2	6	661	2.66	10	10	52	<0.5	<3	<3	46	0.91	0.062
1995766	Drill Core	7.76	<2	<1	6	5	52	<0.3	2	6	676	2.65	4	12	50	<0.5	<3	<3	45	0.94	0.064
1995767	Drill Core	3.02	<2	<1	3	4	52	<0.3	2	7	668	2.68	5	12	53	<0.5	<3	<3	46	0.91	0.065
1995768	Drill Core	1.88	<2	<1	8	<3	64	<0.3	3	8	850	3.21	3	14	47	<0.5	<3	<3	58	1.08	0.088
1995769	Drill Core	8.16	<2	<1	4	4	52	<0.3	2	6	670	2.63	4	11	47	<0.5	<3	<3	45	0.96	0.065
1995770	Drill Core	7.26	9	<1	6	7	55	<0.3	2	7	690	2.68	321	12	51	<0.5	<3	<3	45	0.98	0.066
1995771	Drill Core	6.55	69	<1	7	43	63	<0.3	2	7	773	2.67	2507	11	78	<0.5	<3	<3	37	1.46	0.066
1995772	Drill Core	3.79	<2	<1	4	5	53	<0.3	2	7	682	2.55	6	12	64	<0.5	<3	<3	40	1.03	0.064
1995773	Drill Core	2.96	3	<1	5	16	54	<0.3	2	6	890	2.62	208	12	200	<0.5	<3	<3	41	3.01	0.064
1995774	Drill Core	6.14	8	<1	5	8	56	<0.3	2	7	738	2.76	397	12	63	<0.5	<3	<3	45	1.18	0.066
1995775	Drill Core	8.17	<2	<1	6	4	55	<0.3	2	7	645	2.77	3	10	42	<0.5	<3	3	48	0.84	0.069

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Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995760	Rock	2	3	11.35	21	0.003	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995761	Drill Core	27	2	0.65	411	0.006	<20	0.50	0.03	0.31	<2	0.08	<1	<5	<5	<5
1995762	Drill Core	27	4	0.74	391	0.112	<20	1.36	0.11	0.61	<2	0.06	<1	<5	<5	5
1995763	Drill Core	26	4	0.74	389	0.115	<20	1.36	0.10	0.64	<2	0.07	<1	<5	<5	<5
1995764	Drill Core	30	4	0.86	399	0.105	<20	1.42	0.10	0.52	<2	<0.05	<1	<5	<5	6
1995765	Drill Core	24	4	0.74	390	0.119	<20	1.42	0.12	0.64	<2	<0.05	<1	<5	<5	5
1995766	Drill Core	26	4	0.75	374	0.134	<20	1.37	0.12	0.64	<2	<0.05	<1	<5	<5	<5
1995767	Drill Core	29	4	0.74	408	0.138	<20	1.32	0.11	0.65	<2	<0.05	<1	<5	<5	<5
1995768	Drill Core	35	5	0.98	524	0.156	<20	1.45	0.07	0.72	<2	<0.05	<1	<5	<5	8
1995769	Drill Core	25	4	0.74	390	0.143	<20	1.28	0.10	0.62	<2	<0.05	<1	<5	<5	<5
1995770	Drill Core	27	3	0.73	395	0.137	<20	1.26	0.10	0.62	<2	0.06	<1	<5	<5	<5
1995771	Drill Core	26	4	0.71	316	0.075	<20	1.24	0.08	0.52	<2	0.18	<1	<5	<5	<5
1995772	Drill Core	26	4	0.68	362	0.104	<20	1.18	0.10	0.61	<2	<0.05	<1	<5	<5	5
1995773	Drill Core	28	4	0.79	330	0.084	<20	1.09	0.06	0.57	<2	<0.05	<1	<5	<5	5
1995774	Drill Core	26	4	0.76	344	0.102	<20	1.35	0.10	0.61	<2	<0.05	<1	<5	<5	6
1995775	Drill Core	24	4	0.74	403	0.156	<20	1.36	0.12	0.68	<2	<0.05	<1	<5	<5	<5

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: October 05, 2017

QUALITY CONTROL REPORT WHI17000750.1

	Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1995655	Drill Core	7.05	<2	<1	5	8	49	<0.3	2	5	701	2.39	5	12	50	<0.5	<3	<3	35	1.36	0.059
REP 1995655	QC			<1	5	7	48	<0.3	2	5	683	2.33	5	11	49	<0.5	<3	<3	34	1.31	0.057
1995664	Drill Core	6.38	<2	<1	2	13	37	<0.3	1	6	766	2.14	149	12	16	<0.5	<3	<3	10	0.23	0.063
REP 1995664	QC		<2																		
1995691	Drill Core	6.92	<2	<1	3	<3	52	<0.3	2	7	642	2.55	<2	13	52	<0.5	<3	3	43	0.88	0.064
REP 1995691	QC			<1	3	<3	53	<0.3	2	7	640	2.54	<2	14	51	<0.5	<3	<3	43	0.86	0.064
1995700	Rock	0.95	5	<1	3	6	10	<0.3	3	<1	91	0.15	4	<2	281	<0.5	4	<3	16	19.72	0.007
REP 1995700	QC		5																		
1995726	Drill Core	1.26	<2	1	3	18	46	<0.3	2	5	830	1.78	37	11	21	<0.5	<3	<3	16	0.28	0.049
REP 1995726	QC			1	3	16	47	<0.3	2	5	830	1.78	38	11	20	<0.5	<3	<3	16	0.28	0.049
1995734	Drill Core	5.07	<2	<1	4	9	49	<0.3	2	5	552	2.02	27	11	21	<0.5	<3	<3	19	0.26	0.056
REP 1995734	QC		<2																		
1995760	Rock	1.02	6	<1	4	10	12	<0.3	3	<1	90	0.15	4	<2	293	0.5	<3	<3	16	19.60	0.008
REP 1995760	QC			<1	3	11	13	<0.3	3	<1	93	0.16	4	<2	292	0.6	3	<3	16	19.38	0.009
1995768	Drill Core	1.88	<2	<1	8	<3	64	<0.3	3	8	850	3.21	3	14	47	<0.5	<3	<3	58	1.08	0.088
REP 1995768	QC		<2																		
Core Reject Duplicates																					
1995644	Drill Core	8.10	<2	<1	4	6	50	<0.3	2	5	704	2.44	3	12	58	<0.5	<3	<3	38	1.23	0.059
DUP 1995644	QC		<2	<1	3	6	50	<0.3	1	5	685	2.37	3	12	55	<0.5	<3	<3	37	1.20	0.059
1995713	Drill Core	4.93	<2	<1	6	3	49	<0.3	2	6	569	2.35	4	11	30	<0.5	<3	<3	41	0.55	0.059
DUP 1995713	QC		<2	<1	6	6	48	<0.3	2	6	559	2.32	3	10	30	<0.5	<3	<3	41	0.53	0.059
1995747	Drill Core	6.15	13	14	8	14	40	0.8	1	6	633	1.86	2	11	146	<0.5	<3	<3	8	2.56	0.054
DUP 1995747	QC		13	13	7	12	41	0.7	1	7	651	1.90	4	12	146	<0.5	<3	<3	8	2.64	0.055
Reference Materials																					
STD DS11	Standard			12	140	131	329	1.8	71	12	1008	2.92	41	7	63	2.1	5	10	45	0.99	0.067
STD DS11	Standard			13	140	130	329	1.6	79	13	987	3.05	43	6	63	2.3	8	10	48	1.01	0.069
STD DS11	Standard			12	143	137	332	1.6	78	13	998	3.09	44	7	64	2.2	7	14	49	1.03	0.070
STD DS11	Standard			12	141	128	323	1.6	74	13	972	2.97	41	8	61	2.2	6	12	47	1.00	0.067

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34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: October 05, 2017

QUALITY CONTROL REPORT WHI17000750.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1995655	Drill Core	25	2	0.72	113	0.125	<20	1.12	0.05	0.16	<2	<0.05	<1	<5	<5	<5
REP 1995655	QC	24	3	0.69	110	0.122	<20	1.09	0.05	0.16	<2	<0.05	<1	<5	<5	<5
1995664	Drill Core	30	2	0.07	290	<0.001	<20	0.47	0.01	0.26	<2	<0.05	<1	<5	<5	<5
REP 1995664	QC															
1995691	Drill Core	27	7	0.73	387	0.124	<20	1.32	0.09	0.64	<2	<0.05	<1	<5	<5	<5
REP 1995691	QC	26	6	0.73	387	0.123	<20	1.31	0.09	0.63	<2	<0.05	<1	<5	<5	<5
1995700	Rock	2	4	10.75	22	0.002	<20	0.10	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
REP 1995700	QC															
1995726	Drill Core	25	2	0.35	309	0.003	<20	0.97	0.02	0.22	<2	<0.05	<1	<5	<5	<5
REP 1995726	QC	25	3	0.35	309	0.003	<20	0.97	0.02	0.22	<2	<0.05	<1	<5	<5	<5
1995734	Drill Core	27	2	0.45	328	0.004	<20	1.06	0.04	0.19	<2	<0.05	<1	<5	<5	<5
REP 1995734	QC															
1995760	Rock	2	3	11.35	21	0.003	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
REP 1995760	QC	2	3	11.34	21	0.003	<20	0.11	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1995768	Drill Core	35	5	0.98	524	0.156	<20	1.45	0.07	0.72	<2	<0.05	<1	<5	<5	8
REP 1995768	QC															
Core Reject Duplicates																
1995644	Drill Core	26	4	0.72	218	0.139	<20	1.16	0.07	0.22	<2	<0.05	<1	<5	<5	5
DUP 1995644	QC	25	2	0.71	201	0.136	<20	1.11	0.07	0.20	<2	<0.05	<1	<5	<5	5
1995713	Drill Core	22	5	0.65	347	0.158	<20	1.28	0.12	0.70	<2	<0.05	<1	<5	<5	<5
DUP 1995713	QC	21	4	0.64	343	0.155	<20	1.26	0.12	0.70	<2	<0.05	<1	<5	<5	<5
1995747	Drill Core	24	2	0.50	1351	<0.001	<20	0.36	0.01	0.27	<2	0.15	<1	<5	<5	<5
DUP 1995747	QC	25	1	0.51	1349	<0.001	<20	0.36	0.01	0.28	<2	0.15	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	16	55	0.80	407	0.086	<20	1.07	0.07	0.38	3	0.27	<1	<5	<5	<5
STD DS11	Standard	16	56	0.81	413	0.084	<20	1.07	0.07	0.38	2	0.28	<1	<5	<5	<5
STD DS11	Standard	16	57	0.81	426	0.085	<20	1.09	0.07	0.39	4	0.29	<1	<5	<5	<5
STD DS11	Standard	16	57	0.79	412	0.085	<20	1.06	0.07	0.38	2	0.27	<1	6	<5	<5

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QUALITY CONTROL REPORT WHI17000750.1

		WGHT Wgt kg 0.01	FA350 Au ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01	AQ300 P % 0.001
STD OREAS45EA	Standard			2	671	13	29	0.4	363	51	399	20.07	5	7	4	<0.5	<3	<3	289	0.04	0.028
STD OREAS45EA	Standard			2	681	10	31	0.3	387	53	402	24.72	15	7	4	<0.5	<3	<3	297	0.03	0.031
STD OREAS45EA	Standard			1	691	8	32	<0.3	395	54	409	25.20	13	8	4	<0.5	<3	<3	304	0.03	0.030
STD OREAS45EA	Standard			2	673	13	29	0.7	354	51	403	20.74	10	10	3	0.5	<3	3	290	0.03	0.029
STD OXC145	Standard		209																		
STD OXC145	Standard		212																		
STD OXC145	Standard		210																		
STD OXC145	Standard		220																		
STD OXC145	Standard		218																		
STD OXH139	Standard		1288																		
STD OXH139	Standard		1290																		
STD OXH139	Standard		1250																		
STD OXH139	Standard		1309																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OXC145 Expected			212																		
STD OXH139 Expected			1312																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<2																		
BLK	Blank		<2																		
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Report Date: October 05, 2017

QUALITY CONTROL REPORT WHI17000750.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
STD OREAS45EA	Standard	7	830	0.09	141	0.097	<20	3.19	0.01	0.05	<2	<0.05	<1	<5	26	77
STD OREAS45EA	Standard	7	856	0.09	141	0.097	<20	3.24	0.02	0.05	<2	<0.05	<1	8	<5	82
STD OREAS45EA	Standard	7	877	0.10	145	0.098	<20	3.28	0.02	0.06	<2	<0.05	<1	8	<5	84
STD OREAS45EA	Standard	7	878	0.09	139	0.096	<20	3.17	0.02	0.05	<2	<0.05	<1	<5	9	81
STD OXC145	Standard															
STD OXC145	Standard															
STD OXC145	Standard															
STD OXC145	Standard															
STD OXC145	Standard															
STD OXH139	Standard															
STD OXH139	Standard															
STD OXH139	Standard															
STD OXH139	Standard															
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
STD OXC145 Expected																
STD OXH139 Expected																
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank															
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Project: 2K
Report Date: October 05, 2017

QUALITY CONTROL REPORT WHI17000750.1

		WGHT Wgt kg 0.01	FA350 Au ppb 2	AQ300 Mo ppm 1	AQ300 Cu ppm 1	AQ300 Pb ppm 3	AQ300 Zn ppm 1	AQ300 Ag ppm 0.3	AQ300 Ni ppm 1	AQ300 Co ppm 1	AQ300 Mn ppm 2	AQ300 Fe % 0.01	AQ300 As ppm 2	AQ300 Th ppm 2	AQ300 Sr ppm 1	AQ300 Cd ppm 0.5	AQ300 Sb ppm 3	AQ300 Bi ppm 3	AQ300 V ppm 1	AQ300 Ca % 0.01	AQ300 P % 0.001
BLK	Blank		<2																		
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<1	4	<3	34	<0.3	1	3	555	1.64	<2	3	22	<0.5	<3	<3	20	0.59	0.037
ROCK-WHI	Prep Blank		<2	<1	3	<3	33	<0.3	<1	3	569	1.69	<2	4	21	<0.5	<3	<3	20	0.56	0.039

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QUALITY CONTROL REPORT WHI17000750.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	5	3	0.47	52	0.073	<20	0.90	0.07	0.09	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	5	3	0.48	58	0.075	<20	0.88	0.07	0.10	<2	<0.05	<1	<5	<5	<5

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
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Submitted By: Carl Schulze
Receiving Lab: Canada-Whitehorse
Received: August 31, 2017
Report Date: September 29, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000753.1

CLIENT JOB INFORMATION

Project: 2K
Shipment ID:
P.O. Number
Number of Samples: 48

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 60 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	45	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
SLBHP	3	Sort, label and box pulps			WHI
FA350-Au	48	50g Fire assay fusion Au by ICP-ES	50	Completed	VAN
EN002	48	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	48	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	48	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road
Whitehorse Yukon Y1A 5Y9
Canada

CC: Rauno Perttu
Alicia Cannata

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 29, 2017

CERTIFICATE OF ANALYSIS WHI17000753.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995776	Drill Core	8.62	<2	<1	4	4	49	<0.3	2	5	600	2.62	2	10	35	<0.5	<3	<3	44	0.78	0.063
1995777	Drill Core	2.96	<2	<1	6	5	49	<0.3	2	5	600	2.65	4	8	36	<0.5	<3	<3	43	0.73	0.061
1995778	Drill Core	2.87	<2	<1	7	4	49	<0.3	2	5	601	2.63	<2	12	35	<0.5	<3	<3	44	0.72	0.064
1995779	Rock Pulp	0.12	708	5	69	120	180	79.5	9	1	1263	1.08	6	4	296	1.5	3	<3	4	8.62	0.003
1995780	Rock	0.83	6	<1	2	7	11	<0.3	3	<1	87	0.15	4	<2	295	<0.5	<3	<3	16	21.61	0.010
1995781	Drill Core	5.42	<2	<1	10	7	52	<0.3	2	6	684	2.62	<2	11	62	<0.5	<3	<3	33	1.58	0.064
1995782	Drill Core	5.80	<2	<1	4	5	46	<0.3	2	5	604	2.61	<2	13	41	<0.5	<3	<3	41	0.80	0.059
1995783	Drill Core	3.69	<2	<1	4	4	47	<0.3	2	5	602	2.49	<2	7	35	<0.5	<3	<3	41	0.83	0.060
1995784	Drill Core	7.86	<2	<1	4	6	49	<0.3	2	5	649	2.78	2	13	44	<0.5	<3	<3	45	0.89	0.064
1995785	Drill Core	8.27	5	<1	4	5	50	<0.3	2	5	623	2.70	<2	11	36	<0.5	<3	<3	47	0.73	0.067
1995786	Drill Core	4.38	<2	<1	3	4	50	<0.3	2	5	654	2.84	<2	10	40	<0.5	<3	<3	47	0.83	0.066
1995787	Drill Core	3.89	<2	<1	4	5	49	<0.3	2	5	677	2.71	4	10	46	<0.5	<3	<3	47	0.98	0.065
1995788	Drill Core	3.01	12	<1	5	18	61	<0.3	2	5	771	2.69	1230	11	69	<0.5	<3	<3	36	1.63	0.063
1995789	Drill Core	7.20	18	<1	5	13	62	<0.3	2	5	672	2.66	722	11	47	<0.5	<3	<3	42	0.97	0.065
1995790	Drill Core	4.14	<2	<1	5	12	43	<0.3	2	4	669	2.31	46	13	19	<0.5	<3	<3	26	0.26	0.053
1995791	Drill Core	6.64	<2	<1	5	12	42	<0.3	2	5	701	2.02	39	13	17	<0.5	<3	<3	23	0.24	0.051
1995792	Drill Core	8.57	5	<1	3	15	38	<0.3	2	4	544	1.99	39	15	16	<0.5	<3	<3	16	0.23	0.048
1995793	Drill Core	7.32	4	<1	3	14	41	<0.3	2	5	638	2.13	56	13	17	<0.5	<3	<3	19	0.25	0.049
1995794	Drill Core	5.10	21	<1	3	25	46	<0.3	2	4	598	1.94	108	13	14	<0.5	<3	<3	18	0.21	0.047
1995795	Drill Core	5.88	<2	<1	4	11	42	<0.3	2	4	547	2.05	9	12	15	<0.5	<3	<3	24	0.22	0.046
1995796	Drill Core	4.91	<2	<1	2	12	43	<0.3	2	5	600	2.20	8	13	15	<0.5	<3	<3	25	0.23	0.047
1995797	Drill Core	3.53	3	<1	5	15	44	<0.3	2	5	507	2.16	15	13	15	<0.5	<3	<3	22	0.21	0.048
1995798	Drill Core	3.38	3	<1	4	14	43	<0.3	2	5	551	2.24	17	12	17	<0.5	<3	<3	22	0.24	0.047
1995799	Rock Pulp	0.13	619	5	70	120	181	82.1	9	1	1296	1.08	6	3	308	1.5	3	<3	4	8.70	0.003
1995800	Rock	0.17	4	<1	1	3	13	<0.3	3	<1	92	0.16	3	<2	282	<0.5	<3	<3	15	20.14	0.015
1995801	Drill Core	3.53	<2	<1	13	16	55	<0.3	46	13	881	3.19	14	10	75	<0.5	<3	<3	36	0.91	0.081
1995802	Drill Core	4.50	<2	<1	2	13	40	<0.3	2	5	528	2.05	5	11	14	<0.5	<3	<3	24	0.20	0.046
1995803	Drill Core	7.32	<2	<1	1	13	39	<0.3	2	4	586	2.10	6	13	37	<0.5	<3	<3	23	0.68	0.045
1995804	Drill Core	7.10	<2	<1	3	13	39	<0.3	2	4	576	1.98	3	13	75	<0.5	<3	<3	22	1.47	0.044
1995805	Drill Core	3.52	<2	<1	4	13	38	<0.3	2	4	619	1.85	4	13	80	<0.5	<3	<3	20	1.59	0.043

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Project: 2K
Report Date: September 29, 2017

CERTIFICATE OF ANALYSIS WHI17000753.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995776	Drill Core	23	6	0.71	370	0.159	<20	1.25	0.11	0.64	<2	<0.05	<1	<5	<5	<5
1995777	Drill Core	22	6	0.68	374	0.149	<20	1.22	0.10	0.63	<2	<0.05	<1	<5	<5	<5
1995778	Drill Core	27	6	0.72	389	0.152	<20	1.23	0.10	0.65	<2	<0.05	<1	<5	<5	<5
1995779	Rock Pulp	7	14	0.04	128	0.001	<20	0.36	<0.01	0.19	<2	0.19	<1	<5	<5	<5
1995780	Rock	2	4	10.86	20	0.002	<20	0.11	0.04	0.06	<2	<0.05	<1	<5	<5	<5
1995781	Drill Core	27	6	0.71	176	0.041	<20	1.22	0.05	0.33	<2	<0.05	<1	<5	<5	<5
1995782	Drill Core	25	6	0.68	344	0.127	<20	1.22	0.11	0.57	<2	<0.05	<1	<5	<5	<5
1995783	Drill Core	18	6	0.69	334	0.129	<20	1.13	0.08	0.56	<2	<0.05	<1	<5	<5	<5
1995784	Drill Core	27	7	0.73	393	0.159	<20	1.31	0.12	0.64	<2	<0.05	<1	<5	<5	<5
1995785	Drill Core	27	6	0.74	451	0.186	<20	1.33	0.11	0.77	<2	<0.05	<1	<5	<5	<5
1995786	Drill Core	27	7	0.75	419	0.173	<20	1.36	0.13	0.72	<2	<0.05	<1	<5	<5	<5
1995787	Drill Core	27	6	0.78	373	0.169	<20	1.33	0.10	0.73	<2	<0.05	<1	<5	<5	<5
1995788	Drill Core	25	6	0.70	172	0.100	<20	1.14	0.06	0.30	<2	0.11	<1	<5	<5	<5
1995789	Drill Core	25	6	0.70	350	0.140	<20	1.28	0.10	0.64	<2	0.12	<1	<5	<5	<5
1995790	Drill Core	25	5	0.35	396	0.038	<20	0.99	0.06	0.32	<2	<0.05	<1	<5	<5	<5
1995791	Drill Core	24	4	0.34	374	0.024	<20	0.91	0.04	0.27	<2	<0.05	<1	<5	<5	<5
1995792	Drill Core	26	4	0.28	282	0.009	<20	0.84	0.03	0.26	<2	<0.05	<1	<5	<5	<5
1995793	Drill Core	24	4	0.34	316	0.019	<20	0.95	0.03	0.29	<2	<0.05	<1	<5	<5	<5
1995794	Drill Core	23	4	0.33	283	0.020	<20	0.85	0.04	0.26	<2	<0.05	<1	<5	<5	<5
1995795	Drill Core	21	4	0.47	280	0.034	<20	0.94	0.04	0.29	<2	<0.05	<1	<5	<5	<5
1995796	Drill Core	22	5	0.51	289	0.033	<20	1.00	0.04	0.31	<2	<0.05	<1	<5	<5	<5
1995797	Drill Core	24	4	0.48	232	0.020	<20	0.99	0.03	0.25	<2	<0.05	<1	<5	<5	<5
1995798	Drill Core	23	4	0.46	249	0.021	<20	0.98	0.04	0.26	<2	<0.05	<1	<5	<5	<5
1995799	Rock Pulp	7	15	0.04	129	0.001	<20	0.39	<0.01	0.21	<2	0.19	<1	<5	<5	<5
1995800	Rock	2	2	10.86	16	0.001	<20	0.08	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1995801	Drill Core	26	54	1.26	204	0.035	<20	1.60	0.04	0.22	<2	<0.05	<1	<5	8	6
1995802	Drill Core	21	3	0.52	228	0.032	<20	0.96	0.04	0.26	<2	<0.05	<1	<5	6	<5
1995803	Drill Core	24	5	0.50	213	0.026	<20	0.95	0.05	0.26	<2	<0.05	<1	<5	5	<5
1995804	Drill Core	24	6	0.49	176	0.020	<20	0.93	0.04	0.23	<2	<0.05	<1	<5	<5	<5
1995805	Drill Core	24	5	0.48	145	0.013	<20	0.88	0.04	0.21	<2	<0.05	<1	<5	<5	<5

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Project: 2K
Report Date: September 29, 2017

CERTIFICATE OF ANALYSIS WHI17000753.1

Method		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1995806	Drill Core	5.92	<2	<1	3	15	39	<0.3	1	4	615	1.95	8	13	59	<0.5	<3	<3	21	1.17	0.045
1995807	Drill Core	4.03	<2	<1	2	8	40	<0.3	2	4	563	2.06	<2	13	30	<0.5	<3	<3	28	0.58	0.045
1995808	Drill Core	5.94	<2	<1	1	9	40	<0.3	2	4	533	2.11	3	13	17	<0.5	<3	<3	27	0.27	0.047
1995809	Drill Core	4.46	<2	<1	3	9	40	<0.3	2	4	535	2.02	4	13	14	<0.5	<3	<3	27	0.20	0.045
1995810	Drill Core	6.31	11	<1	2	54	49	<0.3	1	4	558	1.99	54	11	39	<0.5	<3	<3	15	0.73	0.043
1995811	Drill Core	3.00	<2	<1	2	13	36	<0.3	1	4	556	1.97	4	12	75	<0.5	<3	<3	17	1.33	0.042
1995812	Drill Core	3.81	2	<1	1	12	32	<0.3	1	4	586	1.89	12	12	52	<0.5	<3	<3	16	0.85	0.045
1995813	Drill Core	7.82	3	<1	2	16	30	<0.3	1	4	636	1.75	40	12	116	<0.5	<3	<3	10	2.11	0.043
1995814	Drill Core	7.25	<2	<1	2	12	40	<0.3	2	4	598	2.13	5	10	75	<0.5	<3	<3	23	1.26	0.044
1995815	Drill Core	5.26	4	<1	3	17	45	<0.3	1	4	572	2.05	13	12	90	<0.5	<3	<3	17	1.64	0.047
1995816	Drill Core	4.23	19	<1	2	19	38	<0.3	1	4	663	1.90	16	11	133	<0.5	<3	<3	9	2.50	0.043
1995817	Drill Core	3.96	6	<1	3	12	39	<0.3	2	4	682	1.97	157	10	105	<0.5	<3	<3	20	1.81	0.043
1995818	Drill Core	4.12	4	<1	1	12	37	<0.3	1	4	633	1.94	98	9	92	<0.5	<3	<3	20	1.62	0.042
1995819	Rock Pulp	0.12	740	5	70	120	177	77.4	9	1	1273	1.08	6	3	304	1.5	3	<3	4	8.42	0.003
1995820	Rock	0.73	6	<1	2	7	11	<0.3	3	<1	85	0.15	4	<2	294	<0.5	<3	<3	16	20.05	0.010
1995821	Drill Core	5.60	<2	<1	1	12	39	<0.3	2	4	609	2.05	<2	12	85	<0.5	<3	<3	22	1.46	0.044
1995822	Drill Core	4.16	<2	<1	2	9	42	<0.3	2	4	547	2.05	<2	10	54	<0.5	<3	<3	24	1.04	0.047
1995823	Drill Core	3.27	<2	<1	1	13	41	<0.3	2	5	688	2.08	<2	14	104	<0.5	<3	<3	20	1.84	0.048

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Project: 2K
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CERTIFICATE OF ANALYSIS WHI17000753.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1995806	Drill Core	27	5	0.50	154	0.017	<20	0.91	0.04	0.22	<2	<0.05	<1	<5	<5	<5
1995807	Drill Core	22	4	0.52	273	0.063	<20	0.94	0.06	0.33	<2	<0.05	<1	<5	<5	<5
1995808	Drill Core	22	5	0.49	284	0.056	<20	0.94	0.06	0.33	<2	<0.05	<1	<5	<5	<5
1995809	Drill Core	23	1	0.49	300	0.055	<20	0.94	0.04	0.36	<2	<0.05	<1	<5	<5	<5
1995810	Drill Core	22	2	0.37	168	0.010	<20	0.89	0.02	0.26	<2	<0.05	<1	<5	<5	<5
1995811	Drill Core	21	2	0.45	159	0.015	<20	0.99	0.02	0.28	<2	<0.05	<1	<5	<5	<5
1995812	Drill Core	26	3	0.38	184	0.015	<20	0.91	0.02	0.30	<2	<0.05	<1	<5	<5	<5
1995813	Drill Core	20	1	0.33	134	0.004	<20	0.83	<0.01	0.24	<2	0.14	<1	<5	<5	<5
1995814	Drill Core	21	3	0.49	284	0.042	<20	1.02	0.03	0.39	<2	<0.05	<1	<5	<5	<5
1995815	Drill Core	21	2	0.44	250	0.023	<20	0.98	0.03	0.33	<2	0.06	<1	<5	<5	<5
1995816	Drill Core	21	2	0.35	135	0.004	<20	0.85	0.01	0.24	<2	0.09	<1	<5	<5	<5
1995817	Drill Core	21	2	0.47	198	0.025	<20	0.91	0.03	0.27	<2	<0.05	<1	<5	<5	<5
1995818	Drill Core	19	3	0.45	203	0.027	<20	0.85	0.03	0.27	<2	<0.05	<1	<5	<5	<5
1995819	Rock Pulp	7	14	0.04	129	0.001	<20	0.38	<0.01	0.21	<2	0.18	<1	<5	<5	<5
1995820	Rock	2	4	10.53	22	0.002	<20	0.09	0.01	0.03	<2	<0.05	<1	<5	<5	<5
1995821	Drill Core	26	3	0.48	213	0.026	<20	0.92	0.04	0.27	<2	<0.05	<1	<5	<5	<5
1995822	Drill Core	20	3	0.52	244	0.037	<20	0.95	0.04	0.30	<2	<0.05	<1	<5	<5	<5
1995823	Drill Core	26	3	0.48	175	0.016	<20	0.95	0.03	0.25	<2	<0.05	<1	<5	<5	<5

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QUALITY CONTROL REPORT WHI17000753.1

	Method	WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1995793	Drill Core	7.32	4	<1	3	14	41	<0.3	2	5	638	2.13	56	13	17	<0.5	<3	<3	19	0.25	0.049
REP 1995793	QC		4																		
1995816	Drill Core	4.23	19	<1	2	19	38	<0.3	1	4	663	1.90	16	11	133	<0.5	<3	<3	9	2.50	0.043
REP 1995816	QC		20																		
Core Reject Duplicates																					
1995803	Drill Core	7.32	<2	<1	1	13	39	<0.3	2	4	586	2.10	6	13	37	<0.5	<3	<3	23	0.68	0.045
DUP 1995803	QC		<2	<1	1	12	40	<0.3	2	4	588	2.09	6	14	37	<0.5	<3	<3	23	0.69	0.046
Reference Materials																					
STD DS11	Standard			13	148	134	343	1.6	76	13	1031	3.08	41	6	66	2.2	6	11	49	1.05	0.071
STD DS11	Standard			13	144	132	335	1.7	76	12	1002	3.01	43	7	63	2.1	6	9	47	1.03	0.069
STD DS11	Standard			12	143	131	331	1.6	74	13	1004	2.98	41	5	62	2.1	6	10	46	1.02	0.068
STD OREAS45EA	Standard			2	688	20	30	<0.3	383	52	401	21.46	5	8	4	<0.5	<3	<3	304	0.04	0.030
STD OREAS45EA	Standard			2	674	20	29	<0.3	377	51	395	20.79	5	8	4	<0.5	<3	<3	303	0.04	0.029
STD OREAS45EA	Standard			1	680	20	30	<0.3	377	52	398	20.74	5	6	4	<0.5	<3	<3	302	0.04	0.029
STD OXC145	Standard		203																		
STD OXC145	Standard		201																		
STD OXH139	Standard		1322																		
STD OXC145 Expected			212																		
STD OXH139 Expected			1312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
Prep Wash																					

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road
Whitehorse Yukon Y1A 5Y9 Canada

Project: 2K
Report Date: September 29, 2017

QUALITY CONTROL REPORT WHI17000753.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1995793	Drill Core	24	4	0.34	316	0.019	<20	0.95	0.03	0.29	<2	<0.05	<1	<5	<5	<5
REP 1995793	QC															
1995816	Drill Core	21	2	0.35	135	0.004	<20	0.85	0.01	0.24	<2	0.09	<1	<5	<5	<5
REP 1995816	QC															
Core Reject Duplicates																
1995803	Drill Core	24	5	0.50	213	0.026	<20	0.95	0.05	0.26	<2	<0.05	<1	<5	5	<5
DUP 1995803	QC	25	4	0.51	210	0.026	<20	0.95	0.04	0.26	<2	<0.05	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	16	57	0.84	431	0.089	<20	1.12	0.07	0.41	3	0.28	<1	6	<5	<5
STD DS11	Standard	16	55	0.82	419	0.086	<20	1.08	0.07	0.39	3	0.28	<1	5	<5	<5
STD DS11	Standard	16	53	0.80	420	0.084	<20	1.07	0.07	0.39	2	0.28	<1	6	<5	<5
STD OREAS45EA	Standard	7	871	0.10	143	0.099	<20	3.26	0.02	0.06	<2	<0.05	<1	<5	16	83
STD OREAS45EA	Standard	7	864	0.09	143	0.098	<20	3.16	0.01	0.06	<2	<0.05	<1	<5	26	81
STD OREAS45EA	Standard	7	865	0.09	146	0.098	<20	3.18	0.02	0.06	<2	<0.05	<1	<5	20	82
STD OXC145	Standard															
STD OXC145	Standard															
STD OXH139	Standard															
STD OXC145 Expected																
STD OXH139 Expected																
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
Prep Wash																

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		WGHT	FA350	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
ROCK-WHI	Prep Blank		<2	<1	6	<3	35	<0.3	1	3	524	1.75	<2	2	24	<0.5	<3	<3	21	0.59	0.038
ROCK-WHI	Prep Blank		<2	<1	4	<3	31	<0.3	1	3	528	1.90	<2	<2	21	<0.5	<3	<3	22	0.57	0.037

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		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5
ROCK-WHI	Prep Blank	5	4	0.46	64	0.067	<20	0.90	0.09	0.09	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	5	4	0.45	59	0.067	<20	0.83	0.08	0.08	<2	<0.05	<1	<5	<5	<5

APPENDIX 6

PROPERTY CLAIMS SUMMARY TABLE

Grant No	Claim name	Owner	Recording Date	Expiry Date	Notes
YE32251	RF 1	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32252	RF 2	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32253	RF 3	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32254	RF 4	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32255	RF 5	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	Full Quartz fraction (25+ acres)
YE32256	RF 6	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32257	RF 7	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32258	RF 8	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32259	RF 9	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32260	RF 10	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32261	RF 11	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32262	RF 12	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32263	RF 13	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32264	RF 14	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32265	RF 15	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	Partial Quartz fraction (<25 acres)
YE32266	RF 16	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	Partial Quartz fraction (<25 acres)
YE32267	AT 1	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32268	AT 2	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32269	AT 3	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32270	AT 4	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32271	AT 5	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32272	AT 6	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32273	AT 7	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32274	AT 8	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32275	AT 9	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32276	AT 10	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32277	AT 11	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32278	AT 12	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32279	AT 13	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32280	AT 14	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32281	AT 15	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32282	AT 16	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32283	AT 17	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32284	AT 18	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32285	AT 19	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32286	AT 20	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32287	AT F 21	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	Full Quartz fraction (25+ acres)

YE32288	AT F 22	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	Full Quartz fraction (25+ acres)
YE32289	AT 23	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32290	AT 24	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32291	AT 25	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32292	AT 26	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32293	AT 27	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32294	AT 28	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32295	AT 29	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32296	AT 30	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YE32297	AT 31	Provenance Gold Corp. - 100%	2017-04-03	2023-04-03	
YA78081	REEF 1	Ian Warrick - 100%	1983-08-01	2027-12-24	
YA78082	REEF 2	Ian Warrick - 100%	1983-08-01	2027-12-24	
YA78083	REEF 3	Ian Warrick - 100%	1983-08-01	2027-12-24	
YA78084	REEF 4	Ian Warrick - 100%	1983-08-01	2027-12-24	
YA82517	REEF 5	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA82518	REEF 6	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA82519	REEF 7	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA82520	REEF 8	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA82521	REEF 9	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA82522	REEF 10	Ian Warrick - 100%	1984-06-29	2027-12-24	
YA97444	REEF 11	Ian Warrick - 100%	1987-06-04	2027-12-24	
YA97445	REEF 12	Ian Warrick - 100%	1987-06-04	2027-12-24	
YA97446	REEF 13	Ian Warrick - 100%	1987-06-04	2027-12-24	
YA97447	REEF 14	Ian Warrick - 100%	1987-06-04	2027-12-24	
YA97448	REEF 15	Ian Warrick - 100%	1987-06-04	2027-12-24	
YB08092	REEF 16	Ian Warrick - 100%	1987-09-24	2026-12-24	
YB08093	REEF 17	Ian Warrick - 100%	1987-09-24	2027-12-24	
YB08094	REEF 18	Ian Warrick - 100%	1987-09-24	2027-12-24	
YB08095	REEF 19	Ian Warrick - 100%	1987-09-24	2027-12-24	
YB08096	REEF 20	Ian Warrick - 100%	1987-09-24	2027-12-24	
YB55284	REEF 21	Ian Warrick - 100%	1994-10-06	2026-12-24	
YC14556	REEF 22	Ian Warrick - 100%	1999-04-06	2027-12-24	
YC14557	REEF 23	Ian Warrick - 100%	1999-04-06	2027-12-24	
YC18702	REEF 25	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18703	REEF 26	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18704	REEF 27	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18705	REEF 28	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18706	REEF 29	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18707	REEF 30	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18708	REEF 31	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18709	REEF 32	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18710	REEF 33	Ian Warrick - 100%	2000-06-23	2027-12-23	

YC18711	REEF 34	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18712	REEF 35	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18713	REEF 36	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18714	REEF 37	Ian Warrick - 100%	2000-06-23	2027-12-23	
YC18715	REEF 38	Ian Warrick - 100%	2000-06-23	2027-12-23	
YB54730	COLIN 1	Ian Warrick - 100%	1994-10-06	2023-12-24	
YB54731	COLIN 2	Ian Warrick - 100%	1994-10-06	2023-12-24	
YB54732	COLIN 3	Ian Warrick - 100%	1994-10-06	2023-12-24	
YB54733	COLIN 4	Ian Warrick - 100%	1994-10-06	2023-12-24	
YC40935	COLIN 5	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40936	COLIN 6	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40937	COLIN 7	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40938	COLIN 8	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40939	COLIN 9	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40940	COLIN 10	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40941	COLIN 11	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40942	COLIN 12	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40943	COLIN 13	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40944	COLIN 14	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40945	COLIN 15	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40946	COLIN 16	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40947	COLIN 17	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40948	COLIN 18	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40949	COLIN 19	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC40950	COLIN 20	Ian Warrick - 100%	2005-10-31	2023-12-24	
YC46878	COLIN 21	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46879	COLIN 22	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46880	COLIN 23	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46881	COLIN 24	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46882	COLIN 25	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46883	COLIN 26	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46884	COLIN 27	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46885	COLIN 28	Ian Warrick - 100%	2006-05-16	2023-12-24	
YC46886	COLIN 29	Ian Warrick - 100%	2006-05-16	2023-12-24	
YD59883	COLIN 30	Ian Warrick - 100%	2010-05-31	2023-12-24	
YD59884	COLIN 31	Ian Warrick - 100%	2010-05-31	2023-12-24	
YF45748	ANTLER 68	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YF45749	ANTLER 69	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YF45750	ANTLER 70	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YF45751	ANTLER 71	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YF45752	ANTLER 72	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YF45753	ANTLER 73	Colin Robert Warrick - 100%	2013-07-24	2021-12-24	
YC94521	ANTLER 12	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	

YC94510	ANTLER 1	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94511	ANTLER 2	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94512	ANTLER 3	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94513	ANTLER 4	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94514	ANTLER 5	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94515	ANTLER 6	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94516	ANTLER 7	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94517	ANTLER 8	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94518	ANTLER 9	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94519	ANTLER 10	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94520	ANTLER 11	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94506	ANTLER 13	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94507	ANTLER 14	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94508	ANTLER 15	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YC94509	ANTLER 16	Colin Robert Warrick - 100%	2009-10-23	2022-12-31	
YD59885	ANTLER 17	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59886	ANTLER 18	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59887	ANTLER 19	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59888	ANTLER 20	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59889	ANTLER 21	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59890	ANTLER 22	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59891	ANTLER 23	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59892	ANTLER 24	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59893	ANTLER 25	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59894	ANTLER 26	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59895	ANTLER 27	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59896	ANTLER 28	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59897	ANTLER 29	Colin Robert Warrick - 100%	2010-05-31	2023-12-31	
YD59898	ANTLER 30	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59899	ANTLER 31	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59910	ANTLER 42	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59911	ANTLER 43	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59912	ANTLER 44	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59913	ANTLER 45	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59914	ANTLER 46	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59915	ANTLER 47	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59916	ANTLER 48	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59917	ANTLER 49	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59918	ANTLER 50	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59919	ANTLER 51	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59920	ANTLER 52	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59921	ANTLER 53	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59922	ANTLER 54	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	

YD59923	ANTLER 55	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59924	ANTLER 56	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59925	ANTLER 57	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59900	ANTLER 35	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59901	ANTLER 36	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59902	ANTLER 37	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59903	ANTLER 38	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59904	ANTLER 39	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59905	ANTLER 40	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59906	ANTLER 41	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59880	ANTLER 32	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59881	ANTLER 33	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59882	ANTLER 34	Colin Robert Warrick - 100%	2010-05-31	2021-12-31	
YD59926	ANTLER 58	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59927	ANTLER 59	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59928	ANTLER 60	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59929	ANTLER 61	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59930	ANTLER 62	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59931	ANTLER 63	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59932	ANTLER 64	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59933	ANTLER 65	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59934	ANTLER 66	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YD59935	ANTLER 67	Colin Robert Warrick - 100%	2010-06-30	2021-12-31	
YB54519	MAR 1	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54520	MAR 2	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54513	PIA 1	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54514	PIA 2	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54515	PIA 3	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54516	PIA 4	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54517	PIA 5	Ian Warrick - 100%	1994-09-06	2027-12-24	
YB54518	PIA 6	Ian Warrick - 100%	1994-09-06	2027-12-24	