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**2018-2019 DIAMOND DRILLING REPORT
K7 ZONE
DAYOHESSARAH LAKE AREA
WHITE RIVER, ONTARIO**

NTS 42C/ 10, 11, 14 and 15

Latitude 48°48' N, Longitude 85°10' W

**Dates Work Performed
January 11, 2018 – October 05, 2019**

for

**Harte Gold Corporation
8 King Street East
Suite 1700
Toronto, Ontario
M5C 1B5**

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Executive Summary

Between January 11, 2018 to January 31, 2018 and March 13, 2019 to April 3, 2019 Harte Gold Corporation performed a 3-hole, 1,545-meter and 3-hole, 1,503-meter diamond drill program at the K7 Zone, respectively. The K7 Zone is located on the Dayohessarah Lake property (“the Property”) which is located in the Dayohessarah Lake area, north of White River, Ontario. Two drill rigs (HC-150-16 and HC-150-11) were supplied by Chibougamau Diamond Drilling Ltd to perform drilling for the drill programs.

The intent of the drill program was to drill test several parallel VLF-EM anomalies that coincide with weakly anomalous gold values in humus and rock samples.

A total of \$381,245 was spent on these two drill programs which included cost such as drilling, assay and salaries, etc. The average cost per meter was \$125.08.

The Property is located in the Dayohessarah Greenstone Belt (“DGB”). This greenstone belt is part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton. The DGB is situated between two larger greenstone belts; the Hemlo Greenstone Belt to the west and the Kabinakagami Greenstone Belt to the east. The DGB has an active history of exploration dating back to 1969 when Canex Aerial Exploration Ltd. drilled three holes on the Property. Exploration ramped up after the discovery of Hemlo, when Pezamerica Resources commenced geophysics and drilling.

In 1998, Harte Gold Corp. entered into an option agreement on most of the unpatented mining claims comprising the Dayohessarah Lake Property, including the Sugar Zone. Harte subsequently entered into a Joint Venture agreement with Corona Gold Corporation.

1.0 Introduction

The K7 Zone is one of several gold-bearing zones identified on Harte Gold’s Dayohessarah Lake property. The property is located in the Dayohessarah Greenstone Belt (“DGB”). This greenstone belt is part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton. The K7 Zone is located 10 km south of the Sugar Zone deposit.

This report will summarize and discuss the results of the diamond drill program conducted between January 11, 2018 to January 31, 2018 and March 13, 2019 to April 3, 2019 by Harte Gold Corp. on the Dayohessarah Lake Property. The drill report was written from October 02 to October 05, 2019.

All four K7 Zone drill holes were drilled on claims permitted by Exploration Permit PR-17-11055.

All UTM coordinates are in NAD 83, Zone 16 projection.

2.0 Property Location and Description

2.1 Location and Access

The Dayohessarah Lake Property is situated approximately 25 km northeast of the town of White River (Trans-Canada Highway No. 17) and 60 km east of the Hemlo gold camp. The Property is approximately equidistant from Sault Ste. Marie to the south-east and Thunder Bay to the west (Figure 1). The overall Property encompasses NTS zones 42C/ 10, 11, 14 and 15 and the gold mineralized occurrences are exposed at Latitude 48°48’ north, Longitude 85°10’ west. The

property covers parts of the Odlum, Strickland, Gourlay, Tedder, Hambleton, Cooper, Nameigos, Abraham and Bayfield Townships, and falls within the Sault Ste. Marie Mining Division.

The Property can be accessed via a series of logging roads and drill trails extending north from the community of White River. Access is also available by way of float plane, based in White River via Dayohessarah Lake or Hambleton Lake, and by helicopter based in Wawa or Marathon.

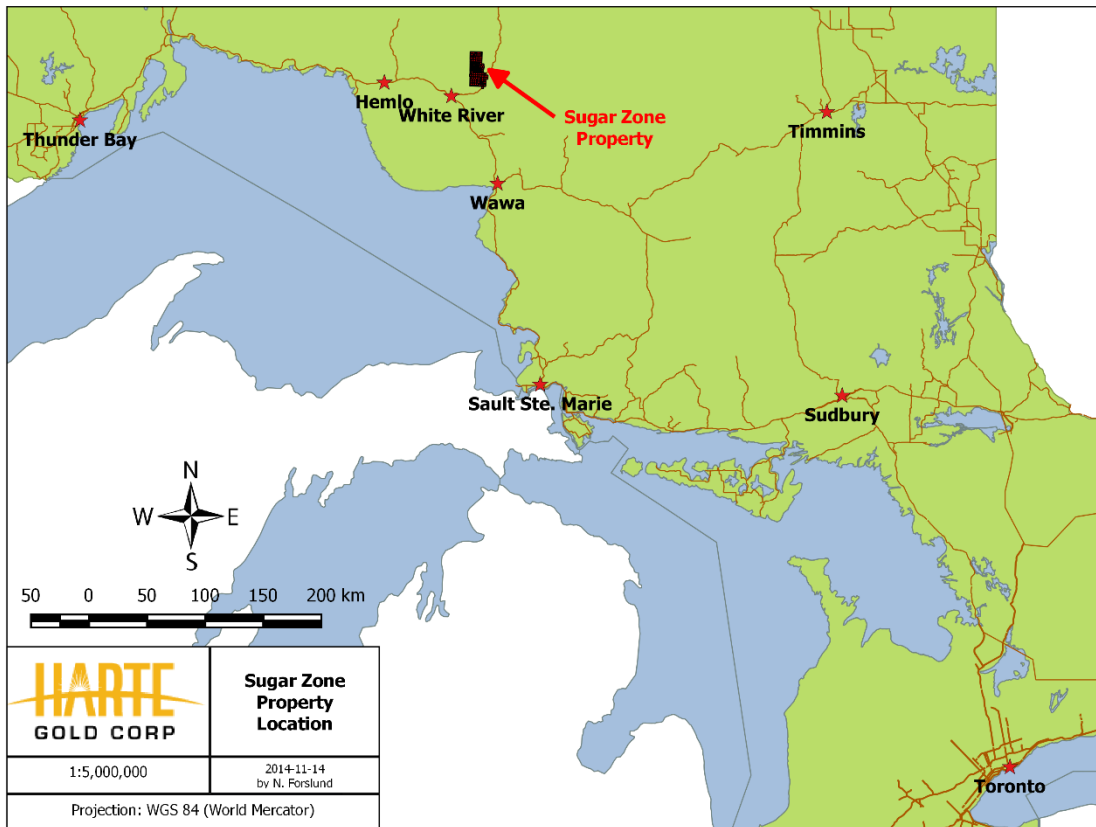


Figure 1 - Property Location

The western and southern portions of the Property are accessible via a series of logging roads controlled by White River Forest Products Limited. Road No. 100 extends north from the western end of White River. Road No. 200 intersects Road No. 100 approximately 20 km from Highway 17 and provides access to the western and southern portions of the property. Road No. 300 intersects Road No. 100 approximately 36 km from Highway 17 and provides access to the very northern portion of the Property. Road No. 305 intersects Road No. 300 approximately 6 km from Road No. 100 and provides access to northern and eastern parts of the Property. Road access to within 400 m of the Sugar Zone is available via a small road heading south and southwest from Road No. 305 for 8.8 km. From there, access to the Sugar Zone is available via all-terrain or tracked vehicles in the summer, and snowmobiles, tracked vehicles and trucks in the winter. The distance from White River to the Sugar Zone is approximately 60 km by road.

Areas surrounding Dayohessarah, Hambleton, Strickland and Pike Lakes are designated by the Ontario Ministry of Natural Resources as 'Restricted Access'. Locked gates on Road No. 200

and Road No. 305 control vehicular access in order to prevent access to remote lodge operations on two lakes. Permits are required for road access to most of the Sugar Zone property for mineral exploration purposes.

2.2 Description of Mining Claims

The Dayohessarah Lake property consists of four mining leases comprising 1467.26 hectares, including 69 boundary cell claims, 43 single cell claims, 197 multi-cell claims. Harte Gold also has an option to earn a 100% interest in the Halverson Property subject to certain terms and conditions. The Halverson Property consist of 12 boundary cell claims and 4 single cell claims. (Appendix A). All claims of the Dayohessarah Lake Property are held in the name of Harte Gold Corp., except for those of the Halverson Property which are held in the name of Lloyd Joseph Halverson and are subject to an option agreement. The Property boundaries are marked by claim lines but have not been surveyed (Figure 2).

There are two mining alienations which border parts of Harte's current claim block. The largest (W-LL-C1521) lies to the east of the current claim area and shortly borders claim 4260617 on the east, and Hwy 631 on the west. The second alienation (No. 2847) lies completely within Harte's current claim block, west of Dayohessarah Lake. Surface rights are held by the Crown and timber cutting rights are held by White River Forest Products Ltd.

In 1998, Harte Gold Corp. (Harte) entered into an option agreement on most of the unpatented mining claims comprising the Dayohessarah Lake Property, including the Sugar Zone. Harte Subsequently entered into a Joint Venture agreement with Corona Gold Corp.

The original claims are subject to a 3.5% net smelter royalty ("NSR"). The Joint Venture participants, namely Corona (51%) and Harte (49%), have the option of acquiring 1.5% of the 3.5% NSR for \$1.5 million, in proportion to their respective interest and have, in addition, the right of first refusal on the remaining 2.0% NSR.

Harte and Corona entered into an Option Agreement (the "Corona Option") dated May 28, 2010, entitling Harte to acquire Corona's 51% interest in the Sugar Zone Joint Venture upon completion of certain conditions. Effective March 10, 2010, Harte became the Operator of the Sugar Zone Joint Venture for as long as the Corona Option remained in good standing. Harte completed all required conditions and as of May 23, 2012 acquired Corona's 51% interest to become the 100% owner and operator of all of the claims which were previously part of the Sugar Zone Joint Venture.

2.3 Physiography and Vegetation

The climate is northern boreal, with short hot summers and cold, snowy winters. Some field operations, such as drilling, can be carried out year-round while other operations, such as prospecting and mapping, can only be carried out during the late spring, summer and early autumn months.

The temperatures can range from -35°C in the winter to +30°C in the summer; though the mean temperatures are around -20°C to +20°C. Rainfall is about 727 mm annual average, with the wettest month being September (120 mm average). Snow is abundant, often reaching several metres with December and January having the heaviest snowfall (about 80 cm). Snow is on the ground by late October and the ice begins to thaw on the lakes by April.

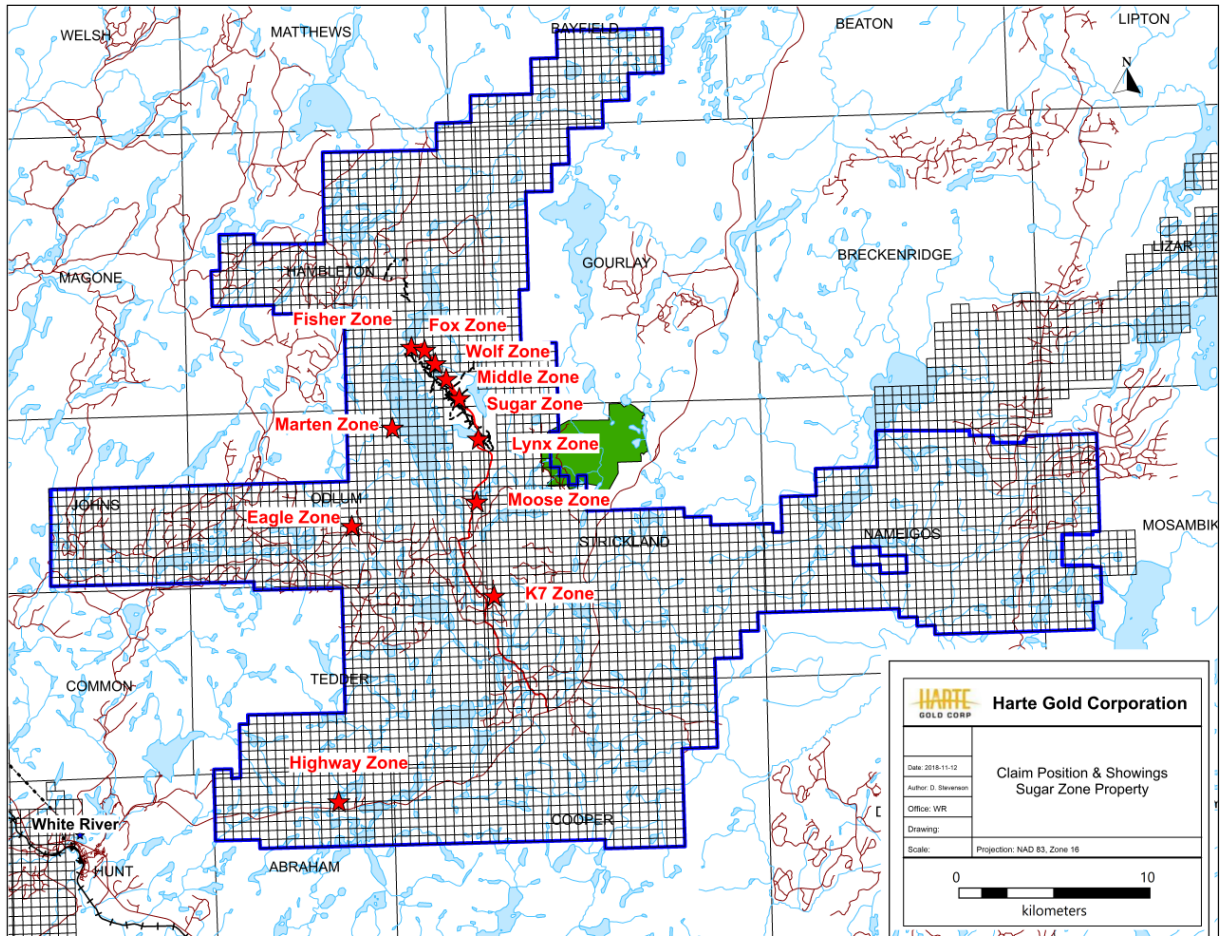


Figure 2 - Claim Position and Showings

The topography on the Property varies from moderate to rugged, with lake levels generally at 390 m above sea level, and occasional hills up to 480 m elevation. The overburden is generally between 0 to 20 m deep on the Property, with occasional boulder terrain, and normally approximately 2 to 3 m overlying the Sugar Zone. Vegetation is boreal, with jack pine, fir, poplar and birch occupying dry uplands and cedar, tamarack and spruce growth on more poorly drained terrain.

3.0 Historical Work

Exploration for gold and base metals has been conducted on the Dayohessarah property since 1969. After over 10 years of very little work, exploration started to pick up on the property again in 1983, after the discovery of the Hemlo Gold camp. A complete timeline of mineral exploration on the DGB is presented below.

1969 Canex Aerial Exploration Ltd. drilled three diamond drill holes in the vicinity of the mafic/ultramafic intrusives and flows near the north end of Dayohessarah Lake. Results include an intersection of 0.326% Ni and 0.08% Cu over 5 ft. in metagabbroic rocks.

1983-1986 Pezamerica Resources Limited conducted an exploration program which included an airborne Mag and EM survey that outlined thirty-one (31) geophysical anomalies in the area. Twenty-four (24) of these anomalies were investigated by Teck Exploration on behalf of Pezamerica. Teck Exploration drilled nine airborne geophysical targets based on coincidental soil gold anomaly trends. In all cases, the airborne anomalies were explained by pyrite/pyrrhotite rich horizons within felsic volcanics. Hole PZ-6 returned appreciable amounts of sphalerite mineralization (0.47% Zn over 2.8 feet). None of the assayed core returned significant gold values.

1990 Most of the DGB is staked by a prospecting syndicate.

1991 The Property is optioned from the prospectors by Hemlo Gold Mines Inc. Initial prospecting uncovered the gold-bearing Sugar Zone deposit. Based on bedrock exposure and trenching, the Sugar Zone was traced for 750 m, and a ground IP survey outlined the Sugar Zone structure extending for 1,500 meters.

1993 Hemlo Gold conducted a preliminary diamond drill program to test the Sugar Zone for economic gold mineralization. A grid was cut with a 6-km baseline and tie-lines ranging in spacing between 100 m and 1,000 m. Six diamond drill holes were completed totaling 800 m. All drill holes intersected significant gold mineralization in the Sugar Zone. A small trenching program is initiated on the Sugar Zone.

1994 Hemlo Gold proceeds with initial geological mapping, prospecting and a follow-up drill program. Fifteen diamond drill holes are completed on the Property, totaling 2,416 m. Eight of the drill holes intersected the Sugar Zone. An I.P. survey is completed over the southern portion of the Property, and a Mag survey is completed over the entire grid. After the exploration program, the Property was returned to the prospecting syndicate who initially staked the ground, due to legal reasons.

1998-1999 Most of the Property is optioned from the prospector's syndicate. The mining claims were subject to a Joint Venture agreement between Corona Gold Corporation (51%) and Harte Gold Corp. (49%). Corona was the operator. The initial 313 claims are subject to a 3.5% net smelter royalty ("NSR"), and the Joint Venture participants have the option to acquire 1.5% of the 3.5% NSR for \$1.5 million, and have the right of first refusal on the remaining 2.0% NSR.

Corona carries out an extensive exploration program. The existing grid was rehabilitated and new grid lines established east of Dayohessarah Lake. In total, 96.1 km of grid lines with 100 m spacing oriented at 320° azimuth are cut over the Sugar Zone area. An oriented soil sampling program is carried out on the grid, as well as mapping and sampling. Prospecting was limited to the Sugar Zone and extensions of the Sugar Zone to the south and to the north. A surface power trenching program is conducted on parts of the Sugar Zone and six trenches were excavated, washed, channel sampled and mapped in detail. A detailed Mag-VLF and reconnaissance gradient I.P. survey is performed on the Property.

A diamond drilling program totaling 9,937 m of NQ core in 53 holes is completed, mostly into and around the Sugar Zone. The drill holes cover 3 km of strike length, and intersect the zone at approximately 50 m spacing at shallow depths. A secondary purpose of the program was to follow-up low grade mineralization encountered in previous drilling by Hemlo Gold and to test previously untested/poorly tested I.P. anomalies west of the Sugar Zone and east of Dayohessarah Lake.

Preliminary Mineral Resource estimates of the Sugar Zone mineralization in the 12000 N to 13100 N area were prepared, based on the drilling program noted above. Another estimate was made, using revised and refined criteria and polygonal methods, in the spring 1999, following additional data evaluation (Drost et Al, 1998).

2003-2004 Corona conducts a diamond drilling program totaling 7,100 m in 26 holes. The drill program mostly intersects the Sugar Zone and is successful in its purpose of expanding the strike and dip extent of the zone, as well as increasing the level of confidence in the continuity of mineralization by in-fill drilling.

2004 Corona conducts another diamond drilling program totaling 3,588 m in 11 holes. The program is successful in increasing the mineralization extent of the Sugar Zone, as well as increasing the defined Sugar Zone depth to a vertical depth of 300 m. A new Mineral Resource estimate was completed.

2008 A helicopter airborne geophysical survey was flown over the Property by Fugro Airborne Surveys Corp., under contract from Corona. The survey used a DIGHEM multi-coil, multi-frequency electromagnetic system along with a high sensitivity cesium magnetometer. A total of 1,917 line-km was flown. It was recommended by Dave Hunt P.Geol. that compilation of historic exploration data on the remainder of the property be followed by a program of reconnaissance mapping and prospecting to evaluate the Fugro airborne conductor axes on the ground, as well as to identify additional target areas extending both north and south of existing Sugar Zone mineralization and elsewhere on the property.

2009 During March, Corona undertook a drilling program totaling 2,020 m in 10 holes. The purpose of the program was to test airborne electromagnetic conductors, magnetic anomalies, induced polarization chargeability anomalies and geologically defined possible extensions to the north and the south of the known Sugar Zone mineralization.

During July to September, a prospecting, reconnaissance geological mapping and channel sampling program was undertaken on geophysical targets outlined by the Fugro airborne geophysical anomalies. Highlights included sampling of a float rock (Peacock Boulders) returning a value of 87.80 g/t Au, as well as grab samples from quartz veining east of the Sugar Zone returning values of 30.40 and 9.04 g/t Au.

2010 Harte Gold Corp. initiated its first drilling program. During March, a diamond drill program totaling 2,097.31 m in 12 holes, two of which were aborted before reaching the Sugar Zone. The program was successful in locating a high-grade area of the Sugar Zone located near surface and directly under a series of surface trenches. The drill program was also successful in determining that the Sugar Zone has significant mineralization below 300 m depth.

Ground IP is completed over a grid totaling 20,475 meters. Chargeability from the survey outlines a potential zone north of the Peacock Boulder discovery of 2009. 5 Trenches totaling 1,850 square meters were completed over and around the newly discovered Wolf Zone.

A total of 5,387.94 m of diamond drilling totaling 33 drill holes was completed on the newly discovered Wolf Zone. Results outlined a small, high grade zone with a strike length up to 600 m and a depth up to 250 meters.

2011 Between May and June 2011 two more grids totaling 60,800 meters were completed over the fold nose near the north end of the of the Dayohessarah Lake Property, on the west side of

Hambleton Lake. Follow up ground IP was completed on the grids by JVX Geophysical Surveys. A small 5,200 meter grid was also cut and ground IP completed on the west side of Dayohessarah Lake, in an attempt to outline a Gossan Zone.

A Bore Hole survey was completed In August 2011 on eleven deep drill holes in the Sugar Zone. The Bore Hole survey outlined several conductors in the area. An airborne VTEM survey was completed at the end of August by Geotech Ltd. The survey covered the entire property and outlined 5 large moderate to strong conductive areas of interest. The most exciting result of the survey was a potential copper-nickel ore body below the surface, under the komatiite volcanics at the northern end of Dayohessarah Lake.

There were two main drill programs in 2011. The first was on the Sugar Zone, between February 11 to April 13, and again between July 17 and November 24, 2011, and totaled 7,885.74 meters of diamond drilling in 27 drill holes. The drilling was designed to expand the resource estimate both at depth, and to upgrade inferred resource to indicated resource. The second drill program targeted IP anomalies on the Fold Nose grid. A total of 3,430.93 meters were drilled in 15 diamond drill holes. Most IP anomalies were explained by sedimentary layers, and no significant intercepts were observed.

2012 In April 2012, Geotech Ltd. carried out a helicopter borne geophysical survey over the Dayohessarah Lake Property. The program was completed as an extension of the airborne VTEM survey conducted in 2011 which totaled 302 line-km of data over the northern parts of Dayohessarah Lake and western parts of Hambleton Lake and the shore line. The 2012 program totaled 1,153 line-km of data essentially covering the rest of the Dayohessarah Greenstone Belt.

In an effort to understand the source of the Peacock boulders, thin sections of three Peacock boulder samples were sent to Pleason Geoscience for analysis. The boulders returned assay values of 87.30 g/t Au, 52.80 g/t Au and 37.20 g/t Au. It was noted that the mineralogy and microtextures of the samples were similar to gold-bearing zones at the Hemlo and Musselwhite gold camps.

Between October 30, 2012 and November 2, 2012 four mechanical trenches were made along the surface exposure of the Sugar Zone. The purpose of the trenches was to expose enough high-grade material from the Lower Zone of the Sugar Zone for a reasonably representative blasting program. The total area of the trenches is 1,799 square meters.

During the period January 21, 2012 to July 29, 2012 a total of 6,283.92 meters were drilled in 12 diamond drill holes targeting the Sugar Zone. The drilling was carried out by Major Drilling Group International Inc. The purpose of the diamond drilling program was to expand the current Mineral Resource Estimate of the Sugar Zone at vertical depths below 400 m, and to test the continuity, grade and width of the zone at 1,000 m vertical depth. The program was successful in defining Au mineralization in both the Upper and Lower Zones with significant assay results ranging from 0.56 g/t Au to 162 g/t Au.

An additional 2 drill holes targeted an IP north-east of Dayohessarah Lake. These exploration holes totaled 375 meters, and did not return any significant gold values.

Two holes totaling 333 meters were drilled targeting an extension of the Wolf Zone. No significant assays were returned.

2013 Exploration in the 2013 season included a short prospecting program, where 46 samples were taken and analyzed for Au using fire assay. Two samples returned Au values of 10.2g/t and 0.73 g/t.

Four holes were drilled on the Halverson Zone, totaling 1103.28m These holes targeted Cu-Ni mineralization discovered in 2011 by a VTEM survey.

An additional 17 diamond drill holes totaling 1356m were drilled to decrease the spacing between holes in a high-grade portion of the Sugar Zone Lower Zone (called Jewelry Box). Significant intervals from this program ran from 2.77 g/t Au to 28.5 g/t Au over widths from 0.35m to 8.27m.

Harte Gold continued moving forward with the permitting and optimization of the advance exploration 70,000 tonne bulk sample at the Sugar Zone. Confirmation drilling at the Jewelry Box Zone (JBZ) returned significant high-grade gold assays and enabled Harte Gold to re-design the bulk sample target areas in order to test this high-grade portion of the Sugar Zone deposit. The JBZ lies close to surface and can be developed quicker and more cost effectively.

Harte Gold also completed road construction to provide highway access to the property and survey work associated with taking certain of the Sugar Zone property mining claims to lease. Harte Gold is also in the process of negotiating contract mining and off-site milling agreements.

Harte Gold completed a regional exploration program and Induced Polarization (IP) survey with the objective of finding the source of the high-grade Peacock Boulders which returned gold values up to 87 g/t. Drill targets have been identified and are scheduled to be drilled during the summer of 2014.

2014

Harte Gold continued to advance the Sugar Zone “Advanced Exploration and Bulk Sample Project” during 2014. Efforts focused on completing the permitting associated with the amended closure plan, completing the road to the portal site and overall optimization of the mining plan developed in the 2012 Preliminary Economic Assessment.

Additional confirmation drilling at the Jewelry Box Zone (JBZ), the target area for the bulk sample, returned significant high-grade gold assays providing additional confirmation to mining contractors developing bids for the project.

2014 was a busy year of exploration, Induced Polarization and magnetometer surveys were conducted over a majority of the core mining claims and generated numerous drill targets. Follow up ground proofing and drill programs identified the Wolf Zone as the source of the high-grade Peacock Boulders and lead to the discovery of the Contact Zone, where a sericite schist was found to have Hemlo-style geochemistry and anomalous gold as well as a third mineralized zone known as the Footwall Zone and located 50 meters east of the Sugar Zone deposit.

During 2015 Harte Gold completed additional exploration drilling that extended the Sugar Zone deposit 300 meters south of its previously defined boundary.

Harte Gold completed additional construction work on the site access road linking the Sugar Zone deposit to Highway 631 and completed the lease application process for certain mining claims that comprise the Sugar Zone property. The leases cover the Sugar Zone deposit and immediately surrounding area and are a requirement for commercial production.

2015

2015 was a pivotal year for Harte Gold as efforts to move the project ahead during a challenging mining market finally culminated in October with the first portal blast at the Sugar Zone. Since October the ramp was advanced to over 850 meters in length and begun shipping ore to Barrick Gold for custom milling from ore developed on the 375 level.

With production under our bulk sampling program well underway, the commercial permitting process has begun. This process is expected to take 12-18 months which may coincide well with completion of the bulk sample program. During the intervening period, the plan is to continue with underground development which would include the ramp, underground infrastructure including ventilation and setting up stopes to be ready for mining.

The commercial production target is 600 tonnes/day. Milling options are currently being studied and a tailings facility will form part of our permit application so that an on-site milling facility can eventually be built.

Harte gold initiated a significant geophysical program between the Sugar Zone and the Wolf Zone. The Contact Zone where Hemlo-style mineralization has been found in sericite schists up to 45 meter wide and the Gossan Zone located on the west side of Dayohessarah Lake will be a focus for future exploration.

2016

2016 was a very busy year for Harte Gold as mining was in full swing with ore being delivered to Barrick Gold Corporation's Hemlo mill throughout the year.

Exploration efforts both near-mine and regionally are progressing at an aggressive pace with 6 drill rigs now working at the Sugar Zone and the newly discovered Middle Zone and the Wolf Zone. It is expected that the next resource update will include resources at the Middle Zone which could be incorporated into an updated mine plan and Technical Report.

2017

At the Sugar Zone deposit four drill rigs are actively completing infill and step-out drilling to move resources to the Measured, Indicated and Inferred categories. Infill drilling at the Sugar Zone upper 500 meters is now complete and work on an updated resource statement is underway. Step-out drilling targeting resource extensions at a depth below 500 meters is currently underway to extend the down-dip extension to 1,000 meters targeting Inferred resources. Step-out drilling at the Sugar Zone has returned significant intersections to the north within a previously undrilled area. This work has brought Sugar Zone mineralization to within 300 meters of the Middle Zone, further suggesting potential convergence of both zones

Drilling at the Middle Zone continues with three drill rigs active. Drilling has returned some excellent results including intersections of 13.02 g/t gold over 4.50 meters in hole WZ-17-79W and 13.68 g/t gold over 7.02 meters in hole SZ-17-86W. Hole WZ-17-92 confirms mineralization continues north of the Gabbro intrusion towards the Wolf Zone. One drill rig is being mobilized to test mineralization north of the Gabbro intrusion.

A property-wide MAG and HTEM survey has been completed and results interpreted. The MAG has been instrumental in outlining the geologic structures on the property and combined with the HTEM survey, has identified five new significant anomalies on the property. The strongest

conductor is on the west side of the property and is hosted at the contact of a volcanic and sedimentary unit, now referred to as the “Eagle Zone”.

Early drilling at the Wolf, Lynx and Fisher Zones has demonstrated on-strike continuity of mineralization. Further definition of these areas will be enhanced using down-hole geophysics to better define potential mineralized structures and refine drill targets.

IP geophysics and soil sampling completed over the summer at the Marten Zone have identified areas to be drilled. Historical grab samples have returned anomalous gold, lead and zinc within the target area.

Technica Group Inc. completed the 30,000 tonne Phase 1 Commercial Production program. Five development sills are now developed in this area and is ready to begin long-hole drilling and mining of the stopes in the late spring to match the commissioning of the mill. Technica is now completing the upgrades of the underground power and ventilation critical for the start of commercial production.

Civil works for the mill began in Q2 as well as site preparation of the tailings management facility. The outer wall footings of the mill are completed, erection of walls is underway to prepare for the mill building shell and foundation work is well under way. It is expected the mill building will be fully erected by year end. Most equipment has been ordered and has begun arriving at site.

2018

A Mineral Resource Estimate dated February 15, 2018 contains an Indicated Mineral Resource Estimate of 2,607,000 tonnes grading 8.52 g/t for 714,200 ounces of contained gold and an Inferred Mineral Resource Estimate of 3,590,000 tonnes, grading 6.59 g/t for 760,800 ounces of contained gold, using a 3.0 g/t Au cut-off. The Company also completed a Preliminary Economic Assessment with an effective date of March 31, 2018, outlining 80,700 ounces of annual average gold production at an All-In Sustaining Cash Cost (“AISC”) of US\$708/oz Au over an 11-year mine life.

All commercial production permits were issued in September. Process plant construction and transition to grid power were completed in September. First gold production was announced in mid-October. Gold doré bars are being produced through the gravity circuit and a high-grade concentrate is being produced through the flotation recovery circuit for offsite processing.

Official Mine Opening which was attended by the Premier of Ontario and Minister of Energy, Northern Development and Mines occurred October 24th, 2018. The Company bought down the royalty on the Sugar Zone property from 3.5% to 2.0% effective October 31, 2018.

Process plant commissioning was completed in early November. Since that time the Company has increased throughput to achieve the initial targeted rate of 575 tpd.

Sill development is on-going and long-hole stoping between the 140 and 155 levels off the Sugar Zone South ramp has begun. Results of the first production stope blast achieved expectations.

Underground development continues at the Sugar Zone North and South ramps. During September, the average advance rate of 8 meters per day was ahead of plan. The installation of critical underground infrastructure to support ventilation, power and pumping has been completed. In addition, the mine return air ventilation fan was successful installed and the transition to grid power for most site power requirements substantially completed. Redpath is ramping up its

underground mine personnel to achieve targeted ore sill development rates. Harte Gold's current permits allow for underground mining and mill processing rates of 550 tpd and 575 tpd respectively. Harte Gold will apply to increase both categories to 800 tpd in Q1 2019.

Near Mine Exploration infill drilling at the Sugar and Middle Zones for 2018 has concluded. Approximately 62,000 meters was drilled with a focus on the upgrade of Inferred Mineral Resources to the Indicated category. The drill program was successful and is expected to improve overall modelled grade of the Resources. Results will be factored into an updated NI 43-101 Mineral Resource Estimate targeted for early 2019. Step-out drilling underway will continue to mid-December. Approximately 30,000 meters has been drilled to-date, targeting extension of known mineralization at the Sugar, Middle and Wolf Zones, as well as discovery of new potential zones of mineralization like the Fox Zone. Information provided from the Company's downhole IP program completed in August has been successful identifying several drill targets, including a chargeability anomaly currently being drilled to test the convergence of the Middle and Wolf Zones. Downhole geophysics has been a highly successful tool used in the past; earlier work led to the deep Sugar Zone discovery at a depth of 1,000 meters. The Company has also started deep drilling at the Sugar Zone, approximately 1,500 meters below surface and 500 meters below the current extent of Inferred Mineral Resources, illustrated below. The intent of deep drilling is to test continuity of mineralization down dip and to potentially follow up with further downhole IP to develop deep drilling targets.

4.0 Geological Setting

4.1 Regional Geology

The DGB is situated between two larger greenstone belts; the Hemlo Greenstone Belt to the west and the Kabinakagami Greenstone Belt to the east. These greenstone belts are part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton (Figure 3). The Late Archean DGB trends northwest and forms a narrow, eastward concave crescent. The belt is approximately 36 km in length and varies in width from 1.5 to 5.5 km. Principal lithologies in the belt are moderately to highly deformed metamorphosed volcanics, volcanoclastics and sediments that have been enclosed and intruded by tonalitic to granodioritic quartz-porphyry plutons.

The greenstone belt is bordered to the east by the Strickland Pluton and to the west by the Black Pic Batholith. The Danny Lake Stock borders the south-western edge of the DGB. The Strickland Pluton is characterized by a granodioritic composition, quartz phenocrysts, fine grained titanite, and hematitic fractures. The Black Pic Batholith is similar to the Strickland Pluton, but locally more potassic. The Black Pic Batholith also contains interlayers of monzogranite. The Danny Lake Stock is characterized by hornblende porphyritic quartz monzonite to quartz monzodiorite (G. M. Stott, 1999).

The DGB has been metamorphosed to upper greenschist to amphibolite facies. The Strickland Pluton seems to have squeezed the greenstone belt and imposed upon it a thermal metamorphism. Most of the mafic volcanics are composed primarily of plagioclase and hornblende. Almandine garnets are widely observed in the clastic metasediments and locally, along with pyrope garnets, in the mafic volcanics (G.M. Stott, 1996a,b,c).

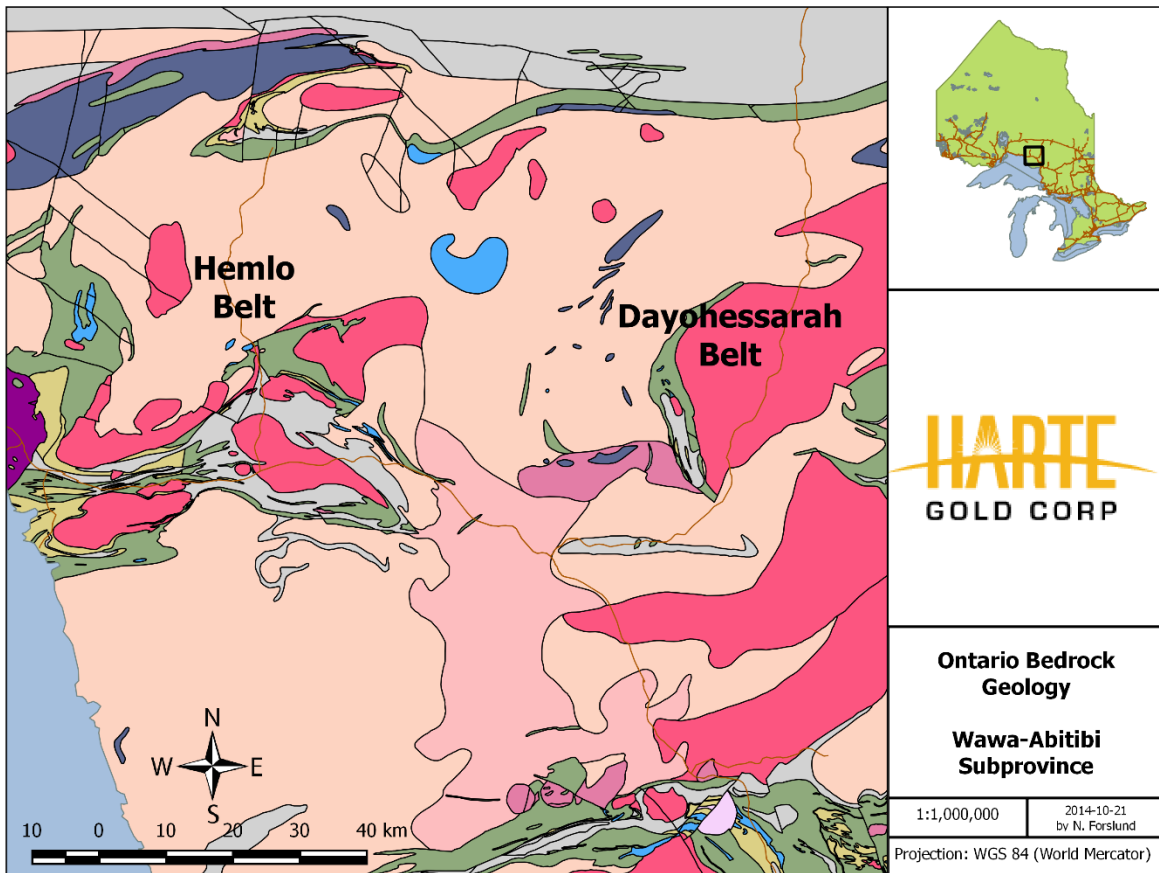


Figure 3 - Regional Geology

Alteration throughout the belt consists of diopsidation, albitization, weak magnesium biotization, weak carbonatization and moderate to strong silicification which accompanied the emplacement of the porphyry dykes/sills and quartz veining.

The belt has been strongly foliated, flattened and strained. Deformation seen in the supracrustal rocks has been interpreted to be related to the emplacement of the Strickland Pluton. Strongly developed metamorphic mineral lineations in the supracrustal rocks closely compare with the orientations of the quartz phenocryst lineations seen in the Strickland Pluton. This probably reflects a constant strain aureole imposed by the pluton upon the belt (G.M. Stott, 1996a,b,c). The strain fabric is best observed a few hundred meters from the Strickland Pluton in the Sugar Zone, which has been characterized as the most severely strained part of the belt. The Sugar Zone is defined by sets of parallel mineralized quartz veining, quartz flooding of strongly altered wall-rock, thin intermediate porphyry lenses and dykes/sills parallel to stratigraphy and foliation, and gold mineralization.

Foliations and numerous top indicators define a synclinal fold in the central portion of the belt. The synclinal fold has been strongly flattened and stands upright with the fold hinge open to the south and centered along Dayohessarah Lake.

4.2 Property Geology

Near Dayohessarah Lake, the belt is dominated by a basal sequence of massive to pillowed mafic volcanics, commonly with ellipsoidal, bleached alteration pods, overlain by intermediate tuff and lapilli tuff. The tuffaceous units rapidly grade upwards to a sedimentary sequence consisting of greywacke and conglomerates derived from volcanics, sediments and felsic intrusive sources (G. M. Stott, 1996a,b,c). Several thin, continuous cherty sulphide facies iron formations are found in the mafic volcanic sequence. Spinifex textured komatiitic flows stratigraphically underlie the main sedimentary sequence and can be traced around the north end of Dayohessarah Lake. Also, at the north end of Dayohessarah Lake, mafic and ultramafic sills and stocks underlie the komatiites (Figure 4).

Several fine to medium grained, intermediate feldspar porphyry dykes/sills have intruded and swarmed the belt. Swarming of the intermediate porphyry dykes is more intense east of Dayohessarah Lake. Stott has interpreted the porphyry sills and associated porphyry bodies to be related to the Strickland Pluton. A smaller granitic quartz porphyry body containing some sulphide mineralization is located northwest of Dayohessarah Lake. The porphyritic texture of the dykes/sills is often nearly, or completely, obliterated by the degree of foliation in the greenstone belt, or by the degree of shear in the Sugar Zone. These intermediate dykes/sills vary in abundance across the Property, but increase in regularity within, and around, the Sugar Zone. There is also a consistent, weak pervasive silicic alteration in the intermediate intrusives, as well as consistently trace amounts of very fine-grained disseminated pyrite.

The major linear structure recognized on the Property is the Sugar Deformation Zone ("SDZ"), which trends northwest-southeast for approximately 3.5 km and dips southwest between 65° and 75°. The SDZ appears to be spatially related to the Strickland Pluton and is a complex system with strain intensities varying from strongly deformed-pillow mafic volcanics to undeformed massive mafic flows to anastomosing linear areas. Stratigraphically-conformable porphyritic intermediate intrusions swarm through the SDZ. Both the mafic volcanics and the intermediate intrusives exhibit moderate linear fabrics along with hydrothermal alteration (i.e., silicification).

In general, the north-westerly striking, south-westerly dipping stratigraphy hosting the gold mineralized portions of the Sugar Zone can be subdivided into the following units:

- Hanging Wall Volcanics;
- Upper Zone (Sugar Zone mineralization);
- Interzone Volcanics;
- Lower Zone (Sugar Zone mineralization);
- Footwall Volcanics

The Hanging Wall, Interzone and Footwall volcanic horizons consist predominantly of massive and pillowed basalt flows generally striking northwest and dipping at an average angle of 64° to

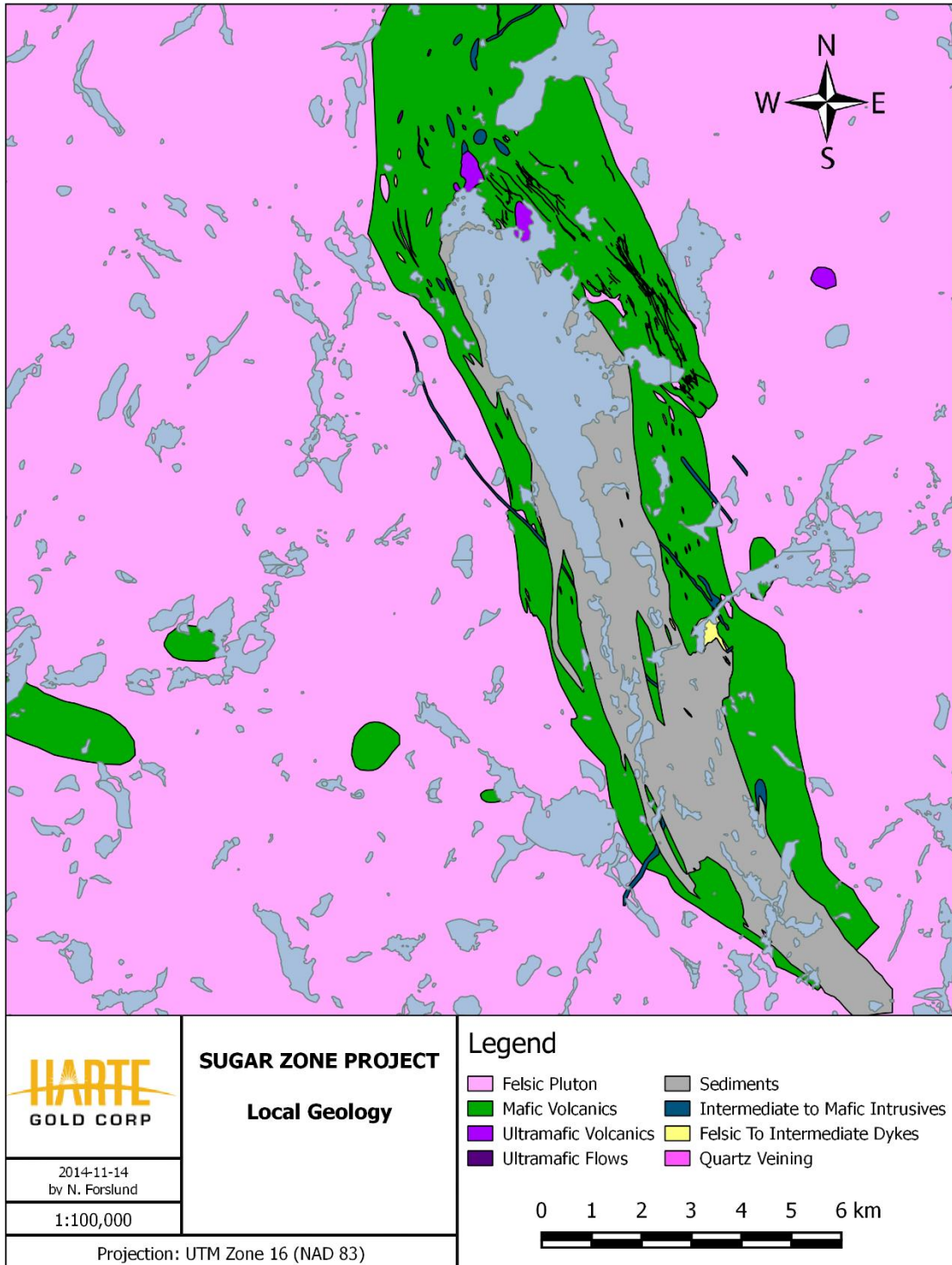


Figure 4 - Property Geology

the southwest. Coarse to very coarse grained, locally gabbroic-textured phases form a significant component of the Hanging Wall mafic volcanic package. It is believed that these phases represent thick, slowly-cooled portions of the massive mafic flows, as they commonly grade into finer grained, more recognizable basaltic flows, and eventually even pillow flows. In much of the area which drilling on the Sugar Zone was carried out, a distinctive, very coarse grained mafic volcanic flow was observed consistently about 15 m stratigraphically above the Upper Zone. Other than this unit, specific mafic flows, as well as intermediate porphyry units, are nearly impossible to interpret/distinguish between holes.

The Upper and Lower zones range in thickness from 1.5 to 10 m, strike at 140° and dip between 65° and 75° with minor undulations.

The auriferous Wolf Zone lies in the northern extent of the SDZ, but drilling between the two zones indicates that the zones are complexly separate from each other. Like the Sugar Zone, the Wolf Zone is north-north-westerly striking and south-westerly dipping. Unlike the Sugar Zone, there is only one gold mineralized zone, and not two or more parallel zones.

A northerly-striking, sub-vertically dipping, dark grey-black, diabase dyke intrudes the older rock types in the greenstone belt, and crosscuts the SDZ. The diabase obliterates the SDZ when it is encountered. The diabase dyke is aphanitic around the edges and, where thick enough to do so, grades to a coarse-grained euhedral rock in the middle of the dyke. The dyke exhibits very coarse-grained greenish quartz-epidote phenocrysts up to 3 cm across throughout. The dyke is weakly pervasively magnetic. A very small amount of lateral movement of the zones has been interpreted locally on either side of the dyke, suggesting that very minor dyke-related faulting has occurred. There are at least two more diabase dykes on the property. They strike at 35 degrees across the northern portion of the belt. These dykes are up to 40 m across, and are similar in appearance and mineralogy to the dyke that cuts through the Sugar Zone.

Other than the diabase, the youngest intrusive rocks observed on the Property are white to pale grey, fine grained to medium grained and occasionally pegmatitic felsite dykes. The dykes generally consist of varying amounts of plagioclase, quartz and muscovite. These generally thin dykes strike northeast and where they intersect the SDZ, they completely wipe out the zone. These dykes are undeformed and clearly postdate the mineralization and deformation events.

5.0 Mineralization

5.1 Sugar Zone

The auriferous Upper and Lower zones of the Sugar Zone lie within the SDZ. They are defined as highly strained packages consisting of variously altered mafic volcanic flows, intermediate porphyritic intrusions and boudinaged auriferous quartz veins. The two zones range in true thickness from about 1.5 to 10 m, and are separated by 20 to 30 m of barren mafic volcanics. A high-grade section of the Lower zone between lines 13+000N and 12+900N has been the focus of a bulk sample study and is referred to as the Jewelry Box.

Each zone is made up of one or more porphyritic intrusions, flanked by altered basalt and hosting stratigraphically conformable quartz veins. Alteration within the mafic volcanic portions of the zones consists primarily of silicification (both pervasive and as quartz veining), diopside and biotization. The porphyry units of the zones exhibit biotite and silica alteration as well, but no diopside alteration.

The Upper and Lower zones appear geologically consistent both down dip and along strike. The Lower Zone has consistently larger widths, as well as mostly consistently higher grades of gold mineralization, however both the width and the gold grade within each zone seem to follow the same trends across the zone. That is to say, that where the Upper Zone exhibits larger widths and higher gold grades, the Lower Zone also exhibits larger widths and higher gold grades. The zones are observed on surface to pinch and swell over distances of 50 m or more.

Gold mineralization mostly occurs in quartz veins, stringers and quartz flooded zones predominantly associated with porphyry zones, porphyry contact zones, hydrothermally altered basalts and, rarely, weakly altered or unaltered basalt within the Upper and Lower zones.

Fine to coarse grained specks and blebs of visible gold are common in the Sugar Zone quartz veins, usually occurring within marginal, laminated or refractured portions of the veins. The visible gold itself is often observed to be concentrated within thin fractures, indicating some degree of remobilization. Quartz veins and floods also contain varying amounts of pyrrhotite, pyrite, chalcopyrite, galena, sphalerite, molybdenite and arsenopyrite. The presence of galena, sphalerite and/or arsenopyrite is a strong indicator of the presence of visible gold. Pyrite, chalcopyrite and, rarely, molybdenite form a minor component of total sulphides and do not appear to be directly related to the presence of gold mineralization.

Other mineralized zones have been observed between, above and below the Sugar Zone Upper and Lower zones, in diamond drilling. Most of these intercepts are believed to be quartz veining originating in either the Upper or Lower zone, that have been diverted from the sheared part of the zone, up to 30 m from the main bodies of mineralization. One of these zones is the historically discovered Zoe Zone, which has been recently renamed the Lynx Zone, which lies east of the southern end of the Sugar Zone.

5.2 Wolf Zone

The auriferous Wolf Zone lies along strike of the Sugar Zone, and may represent the northern extension of the SDZ. It is defined as highly strained packages consisting of variously altered mafic volcanic flows and gabbro's. The zone ranges in true thickness from 0.5 to 8 m.

The zone is made up of highly sheared mafic volcanics, and a network of intrusive, intermediate quartz-feldspar porphyry dykes/sills. Alteration in the mafic volcanic and gabbro units consists mainly of silicification (both pervasive and quartz veining), diopside alteration and magnesium-rich brown biotite alteration. Alteration within the intermediate porphyry units consist of mostly silicification, with small amounts of magnesium-rich brown biotite, and no diopside. The zone is observed in trenches to pinch and swell over 30 m.

Gold mineralization mostly occurs in quartz veins, stringers and quartz flooded zones predominantly associated with porphyry zones, and hydrothermally altered basalts and gabbro's.

Fine grained specks of visible gold are occasionally observed in the Wolf Zone quartz veins. The visible gold itself is often observed to be concentrated within thin fractures, indicating some degree of remobilization. Quartz veins and floods also contain varying amounts of pyrrhotite, pyrite and occasional galena. The presence of galena is a strong indicator of the presence of visible gold. Pyrite and pyrrhotite form most of the total sulphides, but do not appear to be directly related to the presence of gold mineralization.

6.0 2018-2019 Diamond Drilling

6.1 *Sample Collection, Preparation, Analyses and Security*

NQ drill core is placed in core boxes by drillers. All drill core was delivered to the core processing facility in White River, Ontario where it undergoes geotechnical and geological logging by the geotechnician and geologist. The following describes the core logging process:

- The core is oriented in the box with the saddle pointing downhole, and rock quality data (RQD) is collected from each 3m run.
- The geotechnician marks out 1.0m intervals with a blue China marker and prepares a box list stating the length of core in each box. Aluminum tags are made and stapled to the end of each box.
- Core is photographed dry and wet.
- The geologist logs the geology of each hole, paying close attention to lithologies, alteration, structures, veining and mineralization.
- Sample collection begins with the marking of sample intervals with a red China marker by the geologist. The sample is given a sample tag. Sample intervals range from 50cm to 1.5m, and are taken not to cross major lithology boundaries. Standards and blanks are alternately inserted every 10th sample for QAQC.
- The core is cut with a Vancor diamond core saw by the geotechnician, and placed back in the box. Half core samples are taken from the box and bagged individually. The technician always takes the back half of the core for shipping, while the front half stays in the box.
- The individually bagged samples are placed in rice bags and delivered to Actlabs in Thunder Bay, Ontario. Samples are delivered either in person by Harte Gold staff, or by Greyhound Bus.
- Core is stored in racks in a locked fenced in yard at the core processing facility in White River, Ontario.

6.2 *Laboratory Methods*

Sample Preparation

Samples arrive at Actlabs at 217 Round Blvd, Thunder Bay, Ontario, where they are received and documented. Once the samples arrive in the laboratory, Actlabs will ensure that they are prepared properly.

As a routine practice with rock and core, the entire sample is crushed to a nominal minus 10 mesh (1.7 mm), mechanically split (riffle) to obtain a representative sample and then pulverized to at least 95% minus 150 mesh (106 microns).

All of Actlabs steel mills are now mild steel and do not induce Cr or Ni contamination. Quality of crushing and pulverization is routinely checked as part of their quality assurance program. All equipment is cleaned using quartz and air from a compressed air source. Blanks, sample

replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of Actlabs quality assurance program.

RX1	Crush (<7kg) up to 90% passing 2mm, riffle split (250g) and pulverize (mild steel) to 95% passing 105u. Cleaner sand included
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1A2 - (1A2-30 or 50) Au Fire Assay - AA

Fire Assay Fusion

A sample size of 5 to 50 grams can be used but the routine size is 30 g for rock pulps, soils or sediments (exploration samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

AA Finish

The entire Ag dore bead is dissolved in aqua regia and the gold content is determined by AA (Atomic Absorption). AA is an instrumental method of determining element concentration by introducing an element in its atomic form, to a light beam of appropriate wavelength causing the atom to absorb light. The reduction in the intensity of the light beam directly correlates with the concentration of the elemental atomic species. On each tray of 42 samples there is two blanks, three sample duplicates and 2 certified reference materials, one high and one low (QC 7 out of 42 samples). We generally rerun all gold by fire assay gravimetric over 3,000 ppb to ensure accurate values

Code 1A2 (Fire Assay-AA) Detection Limits (ppb)

Element	Detection Limit	Upper Limit
Au	5	5,000

1A3 - (1A3-30 or 50) - Au Fire Assay - Gravimetric

Fire Assay

A sample size of 5 to 50 grams can be used but the routine size is 30 g for rock pulps, soils or sediments (exploration samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead

button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

Au is separated from the Ag in the doré bead by parting with nitric acid. The resulting gold flake is annealed using a torch. The gold flake remaining is weighed gravimetrically on a microbalance.

Code 1A3 (Fire Assay-Gravimetric) Detection Limits (g/mT)

Element	Detection Limit	Upper Limit
Au	0.03 (30 g) 0.02 (50 g)	10000

1A4 and 1A4-1000 - Au Fire Assay-Metallic Screen

Metallic Screen

A representative 500 g split (1,000 g for Code 1A4-1000) is sieved at 100 mesh (149 micron) with fire assays performed on the entire +100 mesh and 2 splits on the -100 mesh fraction. The total amount of sample and the +100 mesh and -100 mesh fraction is weighed for assay reconciliation. Measured amounts of cleaner sand are used between samples and saved to test for possible plating out of gold on the mill. Alternative sieving mesh sizes are available but the user is warned that the finer the grind the more likelihood of gold loss by plating out on the mill.

Fire Assay

A sample size of 5 to 50 grams can be used but the routine size is 30 g for rock pulps, soils or sediments (exploration samples). The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mould, leaving a lead button at the base of the mould. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au.

Au is separated from the Ag in the doré bead by parting with nitric acid. The gold (roasting) flake remaining is weighed gravimetrically on a microbalance. Two splits on the -150 micron fraction are weighted and analyzed by fire assay with a gravimetric finish. A final assay is calculated based on the weight of each separated fraction and obtained Au values.

Code 1A4 (Fire Assay-Metallic Screen) Detection Limits (g/mT)

Element	Detection Limit
Au	0.03

Ultratrace 6 - "Near Total" Digestion - ICP and ICP/MS

Ultratrace 6 combines the 4-acid digestion (HF, HClO₄, HNO₃ and HCl) with analysis by ICP and ICP/MS. Resistate minerals are not digested.

"Near Total" Digestion - ICP Portion

A 0.25 g sample is digested with four acids beginning with hydrofluoric, followed by a mixture of nitric and perchloric acids, heated using precise programmer controlled heating in several ramping and holding cycles which takes the samples to incipient dryness. After incipient dryness is attained, samples are brought back into solution using aqua regia.

With this digestion, certain phases may be only partially solubilized. These phases include zircon, monazite, sphene, gahnite, chromite, cassiterite, rutile and barite. Ag greater than 100 ppm and Pb greater than 5000 ppm should be assayed as high levels may not be solubilized. Only sulphide sulfur will be solubilized.

The samples are then analyzed using a Varian ICP. QC for the digestion is 14% for each batch, 5 method reagent blanks, 10 in-house controls, 10 samples duplicates, and 8 certified reference materials. An additional 13% QC is performed as part of the instrumental analysis to ensure quality in the areas of instrumental drift.

"Near Total" Digestion – ICP/MS Portion

Additional elements are determined by ICP/MS on the multi-acid digest solution above. The samples are diluted and analyzed on a Perkin Elmer Sciex ELAN 6000, 6100 or 9000 ICP/MS. One blank is run for every 40 samples. In-house control is run every 20 samples. Digested standards are run every 80 samples. After every 15 samples, a digestion duplicate is analyzed. Instrument is recalibrated every 80 samples.

Extraction of each element by 4-Acid Digestion is dependent on mineralogy. Sulphide sulphur and soluble sulphates are extracted.

Code Ultratrace-6 Elements and Detection Limits (ppm)

Element	Detection	Upper	Reported
Ag	0.05	100	ICP&ICP/MS
Al	0.01%	10%	ICP
As	0.1	10,000	ICP/MS
Ba	1	5,000	ICP/MS
Be	0.1	1,000	ICP/MS
Bi	0.02	2,000	ICP/MS
Ca	0.01%	50%	ICP
Cd	0.1	1,000	ICP/MS
Ce	0.1	10,000	ICP/MS
Co	0.1	500	ICP/MS
Na	0.01%	3%	ICP
Nb	0.1	500	ICP/MS
Nd	0.1	10,000	ICP/MS
Ni	0.5	5,000	ICP/MS
P	0.001%	10%	ICP
Pb	0.5	5,000	ICP/MS
Pr	0.1	1,000	ICP/MS
Rb	0.2	5,000	ICP/MS
Re	0.001	100	ICP/MS
S+	0.01%	20%	ICP

Cr	1	5,000	ICP/MS	Sb	0.1	500	ICP/MS
Cs	0.05	100	ICP/MS	Sc	1	-	ICP
Cu	0.2	10,000	ICP/MS	Se	0.1	1,000	ICP/MS
Dy	0.1	5,000	ICP/MS	Sm	0.1	100	ICP/MS
Er	0.1	1,000	ICP/MS	Sn	1	200	ICP/MS
Eu	0.05	100	ICP/MS	Sr	0.2	1,000	ICP/MS
Fe	0.01%	50%	ICP	Ta	0.1	1,000	ICP/MS
Ga	0.1	500	ICP/MS	Tb	0.1	100	ICP/MS
Ge	0.1	500	ICP/MS	Te	0.1	500	ICP/MS
Gd	0.1	5,000	ICP/MS	Th	0.1	500	ICP/MS
Hf	0.1	500	ICP/MS	Ti	0.0005%	-	ICP
Hg	10 ppb	10,000	ICP/MS	Tl	0.05	500	ICP/MS
Ho	0.1	1,000	ICP/MS	Tm	0.1	1,000	ICP/MS
In	0.1	100	ICP/MS	U	0.1	10,000	ICP/MS
K	0.01%	5%	ICP	V	1	1,000	ICP/MS
La	0.1	10,000	ICP/MS	W	0.1	200	ICP/MS
Li	0.5	400	ICP/MS	Y	0.1	10,000	ICP/MS
Lu	0.1	100	ICP/MS	Yb	0.1	5,000	ICP/MS
Mg	0.01%	50%	ICP	Zn	0.2	10,000	ICP/MS
Mn	1	10,000	ICP	Zr	1	5,000	ICP/MS
Mo	0.1	10,000	ICP/MS				

6.3 2018-2019 Drilling

Six diamond drill holes totalling 3,048.0 meters were drilled in to the K7 Zone to test several parallel VLF-EM anomalies that coincide with weakly anomalous gold values in humus and rock samples.

The drill logs, cross sections and plans for all holes are presented in Appendix B, Appendix C and Appendix D, respectively.

6.4 Results

A total of 835 core samples were collected and 842 analysis were performed for gold by fire assay AA, gravimetric or metallic method. Any sample following an AA finish with a value of over 3 g/t and 10 g/t gold were re-assayed by gravimetric finish and screen metallic assay, respectively. In addition, 37 samples were also analysed by the Ultratrace 6, 61 element “near total digestion” ICP, ICP/MS method.

All of the samples were shipped to Actlabs in Thunder Bay, Ontario.

Table 1 summarizes the assay results returned from each hole.

Table 1 - Drill Hole Assay Results Summary

Hole #	Au g/t	Width (m)	From (m)	To (m)
K7-18-05	NSV			
K7-18-06	NSV			
K7-18-07	0.50	0.55	70.55	71.10
K7-19-08	0.63	0.82	141.39	142.21
K7-19--09	0.73	0.73	42.40	43.13
K7-19-10	0.42	0.64	30.89	31.53

Assay certificates from Actlabs can be found in Appendix E. Actlabs invoices are found in Appendix F. Chibougamau Diamond Drilling Ltd. invoices are in Appendix G.

7.0 Conclusions and Recommendations

Between January 11, 2018 to January 31, 2018 and March 13, 2019 to April 3, 2019 Harte Gold Corporation performed a six-hole, 3,048.0 meter diamond drill program at the K7 Zone. Considering the, albeit weak, but positive results displayed in Table 1 further drilling is warranted to continue testing the economic potential of the K7 Zone along strike to the south and at depth. Additional VLF surveying is recommended to the south to test for similar auriferous structures found on the K7 grid. This drill report was written from October 02 to October 05, 2019.

8.0 Costs

A total of \$381,245 was spent during the two K7 Zone drill programs. Costs and cost distribution per claim are summarized in Tables 2, 3, 4 and 5.

Table 2 – K7 Zone - Summary of Costs

Activity	Units		Cost per Unit		Total	%
Drilling (6 holes)	3,048	meters	@ \$92.51	per meter	\$281,979	74.0%
Planning/Supervision	43	days	@ \$650.00	per day	\$ 27,950	7.3%
Drill Geologist	43	days	@ \$350.00	per day	\$ 15,050	3.9%
Core Cutter	43	days	@ \$220.00	per day	\$ 9,460	2.5%
Assays	835	samples	@ \$17.80	per sample	\$ 14,866	3.9%
Truck Rental	1.5	month	@ \$2,000.00	per month	\$ 3,000	0.8%
Gas	3	trips per hole	@ \$30.00	per trips per hole	\$ 540	0.1%
Room & Board - Supervisor	43	days	@ \$300.00	per day	\$ 12,900	3.4%
Room & Board - Geologist	43	days	@ \$300.00	per day	\$ 12,900	3.4%
Report Writing	4	days	@ \$650.00	per day	\$ 2,600	0.7%
Total Drill Cost					\$381,245	100.0%
				Ave. \$/m	\$ 125.08	

Table 3 – K7 Zone - Cost Per Claim

Claim #	531171
Activity	Total Cost
Drill Cost	\$281,979
Planning/Supervision	\$27,950
Drill Geologist	\$15,050
Core Cutter	\$9,460
Assay Cost	\$14,866
Truck Rental	\$3,000
Gas	\$540
R&B - Supervisor	\$12,900
R&B Geologist	\$12,900
Report Writing	\$2,600
Total Cost/Claim	\$381,245

Table 4 – K7 Zone - DDH Program Cost Summary

	DDH & Cost Item	Invoice Cost	Total Meters	\$/Meter	Invoice #	Claim #	m/Claim
1	K7-18-05						
	NW casing	\$375.00					
	NQ drilling	\$46,531.50					
	Reflex tests	\$2,080.00					
	Waterline	\$2,007.00					
	Material left in hole	\$2,085.00					
	Man/Machine hours	\$6,387.50					
	Handling cost	\$912.25					
	Excavator rental						
	Reflex rental	\$2,650.00					
	APS Rental						
	Total Cost for hole	\$63,028.25	666	\$94.64	23186, 23215	531171	666
2	K7-18-06						
	NW casing	\$750.00					
	NQ drilling	\$28,575.00					
	Reflex tests	\$1,220.00					
	Waterline	\$2,250.00					
	Material left in hole	\$7,290.00					
	Man/Machine hours	\$90.00					
	Handling cost						
	Excavator rental						
	Reflex rental						
	APS Rental						
	Total Cost for hole	\$40,175.00	450	\$89.28	23216	531171	450
3	K7-18-07						
	NW casing	\$562.50					
	NQ drilling	\$27,324.00					
	Reflex tests	\$1,140.00					
	Waterline	\$2,488.20					
	Material left in hole	\$1,085.00					
	Man/Machine hours	\$9,457.50					
	Handling cost	\$1,075.25					
	Excavator rental						
	Reflex rental						
	APS Rental						
	Total Cost for hole	\$43,132.45	429	\$100.54	23217, 23218	531171	429
	Total Cost of 2018 Pgm	\$146,335.70					
	Total Meters of 2018 Pgm		1545				
4	K7-19-08						
	NW casing	\$375.00					
	NQ drilling	\$25,045.50					
	Reflex tests	\$1,100.00					
	Waterline	\$1,179.00					
	Material left in hole	\$1,500.00					
	Man/Machine hours	\$562.50					
	Handling cost	\$1,019.50					
	Excavator rental						
	Reflex rental	\$2,650.00					
	APS Rental						
	Total Cost for hole	\$33,431.50	393	\$85.07	24649, 24685	531171	393
5	K7-19-09						
	NW casing	\$187.50					
	NQ drilling	\$38,776.50					
	Reflex tests	\$1,700.00					
	Waterline	\$2,304.00					
	Material left in hole	\$5,240.00					
	Man/Machine hours	\$1,342.50					
	Handling cost	\$531.00					
	Excavator rental						
	Reflex rental						
	APS Rental						
	Total Cost for hole	\$50,081.50	576	\$86.95	24686, 24687	531171	576
6	K7-19-10						
	NW casing	\$187.50					
	NQ drilling	\$35,563.50					
	Reflex tests	\$1,600.00					
	Waterline	\$854.40					
	Material left in hole	\$7,460.00					
	Man/Machine hours	\$5,647.50					
	Handling cost	\$817.25					
	Excavator rental						
	Reflex rental						
	APS Rental						
	Total Cost for hole	\$52,130.15	534	\$97.62	24687, 24688	531171	534
	Total Cost of 2019 Pgm	\$135,643.15					
	Total Meters of 2019 Pgm		1503				
	Total Cost of 2018- 2019 Pgm	\$281,978.85					
	Total Meters of 2018-2019 Pgm		3048				3048

Table 5 – K7 Zone – Analytical Cost Summary

DDH #	Certificate #	RX1-1-T (\$7/sample)	1A2 (\$8/sample)	UT-6	125% Rush	Subtotal Cost	Claim #
K7-18-05	A18-00549	18	19		1	\$625.50	531171
	A18-00551	31	32			\$473.00	
	A18-00625	25	26			\$383.00	
	A18-00646	26	28		1	\$913.50	
	A18-00647	14	15			\$218.00	
	A18-00671	16		16		\$560.00	
	A18-00669	5	5			\$75.00	
K7-18-06	A18-00815	23	24			\$353.00	531171
	A18-00892	10	10		1	\$337.50	
	A18-00926	19	21			\$301.00	
	A18-00933	10		10		\$350.00	
K7-18-07	A18-00924	11	11		1	\$371.25	531171
	A18-00949	12	13			\$188.00	
	A18-01065	11	11			\$165.00	
	A18-01133	14	15			\$218.00	
	A18-01195	13	14			\$203.00	
	A18-01236	28	29			\$428.00	
	A18-01301	10		10		\$350.00	
	A18-01892	6	7			\$98.00	
K7-19-08	A19-04669	160	169			\$2,472.00	531171
K7-19-09	A19-05483	233	245	1		\$3,619.00	531171
K7-19-10	A19-05631	140	148			\$2,164.00	531171
		835	842	37		\$14,865.75	
		Total Core Samples	Total of 1A2 Analysis	Total UT-6 Analysis		Total Analytical Cost	
				Ave. \$/Sample		\$17.80	

9.0 References

- Hunt, D.S., 2009. Report on the Summer 2009 exploration program on the Sugar Zone project. Internal report prepared for Corona Gold Corporation and Harte Gold Corp.
- Laarman, J.E., 2014. Report on the Summer 2014 Geologic Mapping. Internal report prepared for Harte Gold Corp.
- Middleton, R.S., Forslund, N.R., Laarman, J., 2015. 2014 Report on Diamond Drilling at the Sugar Zone Property, Dayohessarah Lake Area, White River, Ontario – Part 2. Internal Report for Harte Gold Corp., January 2015.
- Ramsay, J. G. 1980. The crack-seal mechanism of rock deformation. *Nature* 284, 135-139.
- Shegelski, R.J., 2014. Depositional history, structural geology and timing of gold mineralization of the Sugar Zone gold property, Dayohessarah Lake area, White River, Ontario. Internal Report for Harte Gold, September 2014, 21p.
- Stein, H.J, Markey, R.J. and Morgan, J.W., 2000. Robust Re-Os Molybdenite Ages for the Hemlo Au Deposit, Superior Province, Canada. *Journal of Conference Abstracts*, v.5, p955.
- Stott, G.M., 1996a. Precambrian Geology of Dayohessarah Lake Area (North half), Ontario Geological Survey, Preliminary map no. 3309.
- Stott, G.M., 1996b. Precambrian Geology of Dayohessarah Lake Area (Central area), Ontario Geological Survey, Preliminary map no. 3310.
- Stott, G.M., 1996c. Precambrian Geology of Dayohessarah Lake Area (South half), Ontario Geological Survey, Preliminary map no. 3311.

10.0 Statement of Qualifications

I, David B. Stevenson, of 2217 Lacewood Drive, Thunder Bay, Ontario, P7K 1C4 hereby certify that:

I am presently employed by Harte Gold Corporation as their Chief Exploration Geologist.

I am a graduate of the University of New Brunswick, B.Sc. (Hons. Geology), 1981 and a graduate of Queen's University, M.Sc. (Minex), 1998.

I have practiced my profession as a geologist for over 35 years in various provinces and territories across Canada as well as Norway.

I am a member in good standing of the Association Professional Geoscientists of Ontario.

I have personal knowledge of the work carried out on the property as described in this report,

I have no personal interest in the property.

Dated this 05th day of October, 2019 at Thunder Bay, Ontario.



David B. Stevenson, M.Sc., P.Ge.

Appendix A – Claims List

Schedule "A"
Sugar Zone Mining Leases

Claim #	Twp.	Issued	Anniversary	Area (Ha.)	Reserve	Lease #	Rights	PIN	Reg'd Plan
1069332	HAMBLETON	01-Jun-15	31-May-36	393.38	\$3,828	Lease	CLM514	MR+SR	31054-0003 31054-0004 31054-0005 31054-0006
1069333	HAMBLETON				\$7,320	Lease	CLM514	MR+SR	
1069343	HAMBLETON				\$3,989	Lease	CLM514	MR+SR	
1069344	HAMBLETON				\$851	Lease	CLM514	MR+SR, MRO	
1069345	HAMBLETON				\$3,729	Lease	CLM514	MR+SR, MRO	
1069346	HAMBLETON				\$3,621	Lease	CLM514	MR+SR	
1182993	HAMBLETON				\$1,519	Lease	CLM514	MR+SR	
1232640	GOURLAY				\$302	Lease	CLM514	MR+SR, MRO	
1235595	HAMBLETON				\$3,263	Lease	CLM514	MR+SR, MRO	
1069327	HAMBLETON				01-May-15	30-Apr-36	282.67	\$3,932	
1069328	HAMBLETON	\$6,981	Lease	CLM515				MR+SR	
1069329	HAMBLETON	\$28,415	Lease	CLM515				MR+SR	
1069330	HAMBLETON	\$6,199	Lease	CLM515				MR+SR	
1069331	HAMBLETON	\$7,819	Lease	CLM515				MR+SR	
1069334	HAMBLETON	\$5,851	Lease	CLM515				MR+SR	
1069335	HAMBLETON	\$5,914	Lease	CLM515				MR+SR	
1069336	HAMBLETON	\$32,451	Lease	CLM515				MR+SR	
1069337	HAMBLETON	\$7,427	Lease	CLM515				MR+SR, MRO	
1069338	HAMBLETON	\$1,426	Lease	CLM515				MR+SR, MRO	
1069339	HAMBLETON	\$4,461	Lease	CLM515				MR+SR, MRO	
1069340	HAMBLETON	\$6,587	Lease	CLM515				MR+SR	
1069341	HAMBLETON	\$39,482	Lease	CLM515				MR+SR	
1069342	HAMBLETON	\$120,283	Lease	CLM515				MR+SR	
1069347	HAMBLETON	\$343,207	Lease	CLM515				MR+SR	
1069348	HAMBLETON	\$8,049	Lease	CLM515				MR+SR, MRO	
1069349	HAMBLETON	\$3,569	Lease	CLM515				MR+SR, MRO	
1069350	HAMBLETON	\$7,532	Lease	CLM515				MR+SR, MRO	
1135498	HAMBLETON	\$930,312	Lease	CLM515				MR+SR	
1182994	HAMBLETON	\$1,458,826	Lease	CLM515				MR+SR	
4270162	HAMBLETON				Lease	CLM515	MR+SR		
937770	ODLUM	01-May-15	30-Apr-36	279.83	\$174	Lease	CLM516	MR+SR	31078-0001 Pts. 1-11, 1R-13038
1043803	ODLUM					Lease	CLM516	MR+SR, MRO	
1043811	ODLUM					Lease	CLM516	MR+SR, MRO	
1043812	ODLUM					Lease	CLM516	MR+SR, MRO	
1069356	ODLUM				\$600	Lease	CLM516	MR+SR	
1069357	ODLUM				\$600	Lease	CLM516	MR+SR, MRO	
1069358	ODLUM				\$600	Lease	CLM516	MR+SR, MRO	
1069363	ODLUM				\$382	Lease	CLM516	MR+SR, MRO	
1069364	ODLUM				\$306	Lease	CLM516	MR+SR, MRO	
1069365	ODLUM				\$200	Lease	CLM516	MR+SR, MRO	
1069372	ODLUM					Lease	CLM516	MRO	
1069373	ODLUM					Lease	CLM516	MR+SR, MRO	
1069374	ODLUM				\$102	Lease	CLM516	MR+SR, MRO	
1078250	ODLUM					Lease	CLM516	MR+SR, MRO	
1078251	ODLUM				\$617	Lease	CLM516	MR+SR, MRO	
1078252	ODLUM				\$1,388	Lease	CLM516	MR+SR, MRO	
1135499	HAMBLETON				\$741,876	Lease	CLM516	MR+SR	
1194337	HAMBLETON				\$1,719	Lease	CLM516	MR+SR	
1194340	ODLUM				\$306	Lease	CLM516	MR+SR, MRO	
937771	ODLUM				01-May-15	30-Apr-36	511.38	\$287	
937772	ODLUM	\$174	Lease	CLM517				MR+SR	
1043806	ODLUM		Lease	CLM517				MR+SR, MRO	
1043807	ODLUM		Lease	CLM517				MR+SR	
1043808	ODLUM	\$200	Lease	CLM517				MR+SR, MRO	
1043809	ODLUM	\$1	Lease	CLM517				MR+SR, MRO	
1043810	ODLUM		Lease	CLM517				MRO	
1069352	HAMBLETON	\$113,438	Lease	CLM517				MR+SR	
1069353	HAMBLETON	\$1,000	Lease	CLM517				MR+SR, MRO	
1069354	ODLUM	\$10,426	Lease	CLM517				MR+SR, MRO	
1069355	ODLUM	\$30,262	Lease	CLM517				MR+SR	
1069366	ODLUM	\$9,613	Lease	CLM517				MR+SR, MRO	
1069367	ODLUM	\$66,094	Lease	CLM517				MR+SR, MRO	
1069368	ODLUM	\$200	Lease	CLM517				MR+SR, MRO	
1069369	ODLUM	\$200	Lease	CLM517				MR+SR, MRO	
1069370	ODLUM	\$154	Lease	CLM517				MR+SR, MRO	
1069371	ODLUM		Lease	CLM517				MR+SR, MRO	
1140638	STRICKLAND	\$174	Lease	CLM517				MR+SR, MRO	
1140639	STRICKLAND	\$174	Lease	CLM517				MR+SR, MRO	
1140640	STRICKLAND	\$350	Lease	CLM517				MR+SR	
1140641	STRICKLAND		Lease	CLM517	MR+SR				
1140642	STRICKLAND		Lease	CLM517	MR+SR				
1140643	STRICKLAND	\$306	Lease	CLM517	MR+SR				
1140644	STRICKLAND		Lease	CLM517	MR+SR				
1140645	STRICKLAND		Lease	CLM517	MR+SR				
1140646	STRICKLAND		Lease	CLM517	MR+SR				
1140647	STRICKLAND	\$306	Lease	CLM517	MR+SR				
1140658	STRICKLAND	\$306	Lease	CLM517	MR+SR				
1140659	STRICKLAND	\$306	Lease	CLM517	MR+SR				
1140660	STRICKLAND	\$306	Lease	CLM517	MR+SR				
				1467.26					

Schedule "B"
Sugar Zone - Claims

Township / Area	Tenure ID	Tenure Type	Anniversary Date	Work Required	Total Reserve
MOSAMBIK	125756	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	293144	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	153728	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	276267	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	226382	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	170250	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	336697	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	221060	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	274244	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	118071	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	117527	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
MOSAMBIK	273605	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
NAMEIGOS	219128	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	286341	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	322925	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	173870	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	117345	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	220366	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	208950	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	102955	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	227074	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	189153	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	170921	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	266283	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	155027	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	267591	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	170388	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	287639	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	125817	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	286384	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	189186	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	125769	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	274252	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	102956	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	102957	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	286342	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	286343	Boundary Cell Mining Claim	2020-01-08	\$200	\$0
NAMEIGOS	225048	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
NAMEIGOS	159665	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
NAMEIGOS	104062	Boundary Cell Mining Claim	2020-01-09	\$200	\$0
NAMEIGOS	344511	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	141005	Boundary Cell Mining Claim	2020-02-16	\$200	\$1,339
NAMEIGOS	281507	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	122945	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	238950	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	319552	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	282751	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	157827	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	134919	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	290157	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	151061	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	133689	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	186239	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	302908	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	186333	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	150356	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
NAMEIGOS	186240	Boundary Cell Mining Claim	2020-02-16	\$200	\$0
ODLUM	205218	Boundary Cell Mining Claim	2019-06-20	\$200	\$0
ODLUM	236538	Boundary Cell Mining Claim	2019-06-20	\$200	\$0
ODLUM	323310	Boundary Cell Mining Claim	2019-06-20	\$200	\$0
ODLUM	113014	Boundary Cell Mining Claim	2019-06-20	\$200	\$0
ODLUM	308490	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	199956	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	137166	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	156716	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	112652	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	142645	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	155301	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ODLUM	168606	Boundary Cell Mining Claim	2019-12-23	\$200	\$0
ABRAHAM	531086	Multi-cell Mining Claim	2020-01-18	\$9,600	\$0
ABRAHAM	531081	Multi-cell Mining Claim	2020-02-22	\$10,000	\$0
ABRAHAM	531082	Multi-cell Mining Claim	2020-02-22	\$9,600	\$0
ABRAHAM	531083	Multi-cell Mining Claim	2020-02-22	\$9,600	\$2,428
ABRAHAM,COOPER	531087	Multi-cell Mining Claim	2020-01-18	\$9,600	\$0
ABRAHAM,COOPER	531084	Multi-cell Mining Claim	2020-03-10	\$9,600	\$0
ABRAHAM,COOPER,TEDDER	531096	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
ABRAHAM,TEDDER	531094	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
ABRAHAM,TEDDER	531095	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0

ABRAHAM, TEDDER	531048	Multi-cell Mining Claim	2020-02-22	\$9,000	\$0
ABRAHAM, TEDDER	531080	Multi-cell Mining Claim	2020-02-22	\$9,600	\$0
BAYFIELD	531235	Multi-cell Mining Claim	2019-12-22	\$8,000	\$74
BAYFIELD	531236	Multi-cell Mining Claim	2019-12-22	\$8,000	\$0
BAYFIELD	531237	Multi-cell Mining Claim	2019-12-22	\$8,000	\$0
BAYFIELD	531238	Multi-cell Mining Claim	2019-12-22	\$9,200	\$0
BAYFIELD	531239	Multi-cell Mining Claim	2019-12-22	\$1,600	\$0
BAYFIELD, GOURLAY	531233	Multi-cell Mining Claim	2019-12-22	\$10,000	\$0
BAYFIELD, GOURLAY	531234	Multi-cell Mining Claim	2019-12-22	\$8,000	\$0
BAYFIELD, GOURLAY, HAMBLET	531240	Multi-cell Mining Claim	2019-12-22	\$9,600	\$0
BAYFIELD, HAMBLETON, MATT	531242	Multi-cell Mining Claim	2019-12-17	\$8,000	\$0
COOPER	531139	Multi-cell Mining Claim	2020-01-09	\$9,200	\$0
COOPER	531112	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
COOPER	531163	Multi-cell Mining Claim	2020-01-09	\$6,000	\$0
COOPER	531115	Multi-cell Mining Claim	2020-01-10	\$9,200	\$0
COOPER	531116	Multi-cell Mining Claim	2020-01-10	\$9,600	\$0
COOPER	531117	Multi-cell Mining Claim	2020-01-10	\$10,000	\$2,829
COOPER	531118	Multi-cell Mining Claim	2020-01-10	\$10,000	\$0
COOPER	531085	Multi-cell Mining Claim	2020-03-10	\$9,600	\$0
COOPER	531088	Multi-cell Mining Claim	2020-03-10	\$9,600	\$0
COOPER	531089	Multi-cell Mining Claim	2020-03-10	\$8,000	\$0
COOPER	531090	Multi-cell Mining Claim	2020-03-10	\$9,600	\$2,410
COOPER	531091	Multi-cell Mining Claim	2020-03-10	\$9,600	\$0
COOPER	531092	Multi-cell Mining Claim	2020-03-10	\$9,600	\$8
COOPER	531093	Multi-cell Mining Claim	2020-03-10	\$10,000	\$0
COOPER	531113	Multi-cell Mining Claim	2020-03-10	\$10,000	\$0
COOPER	531114	Multi-cell Mining Claim	2020-03-10	\$10,000	\$2,309
COOPER, STRICKLAND	531166	Multi-cell Mining Claim	2020-01-09	\$800	\$0
COOPER, STRICKLAND	531119	Multi-cell Mining Claim	2020-01-10	\$8,000	\$0
COOPER, STRICKLAND	531120	Multi-cell Mining Claim	2020-01-10	\$6,000	\$0
COOPER, STRICKLAND	531121	Multi-cell Mining Claim	2020-01-10	\$6,400	\$0
COOPER, STRICKLAND	531164	Multi-cell Mining Claim	2020-01-10	\$7,200	\$0
COOPER, STRICKLAND	531165	Multi-cell Mining Claim	2020-04-21	\$5,200	\$0
COOPER, STRICKLAND, TEDDER	531152	Multi-cell Mining Claim	2020-01-09	\$6,800	\$0
COOPER, TEDDER	531151	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
COOPER, TEDDER	531111	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
COOPER, TEDDER	531097	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
COOPER, TEDDER	531100	Multi-cell Mining Claim	2020-01-09	\$9,600	\$0
GOURLAY	531220	Multi-cell Mining Claim	2019-12-03	\$9,600	\$2,964
GOURLAY	531225	Multi-cell Mining Claim	2019-12-03	\$9,600	\$891
GOURLAY	531229	Multi-cell Mining Claim	2019-12-03	\$10,000	\$4,154
GOURLAY	531231	Multi-cell Mining Claim	2019-12-03	\$10,000	\$7,260
GOURLAY	531232	Multi-cell Mining Claim	2019-12-22	\$9,600	\$0
GOURLAY, HAMBLETON	531219	Multi-cell Mining Claim	2019-11-20	\$9,200	\$2,615
GOURLAY, HAMBLETON	531224	Multi-cell Mining Claim	2019-12-03	\$9,600	\$1,774
GOURLAY, HAMBLETON	531226	Multi-cell Mining Claim	2019-12-03	\$10,000	\$2,337
GOURLAY, HAMBLETON	531230	Multi-cell Mining Claim	2019-12-03	\$8,800	\$4,898
GOURLAY, HAMBLETON	531243	Multi-cell Mining Claim	2019-12-03	\$10,000	\$2,913
GOURLAY, HAMBLETON	531241	Multi-cell Mining Claim	2019-12-17	\$9,600	\$6,343
GOURLAY, HAMBLETON, STRICK	531222	Multi-cell Mining Claim	2019-12-03	\$6,200	\$0
GOURLAY, STRICKLAND	531221	Multi-cell Mining Claim	2019-12-03	\$10,000	\$0
HAMBLETON	531254	Multi-cell Mining Claim	2019-06-13	\$9,600	\$6,152
HAMBLETON	531255	Multi-cell Mining Claim	2019-06-13	\$10,000	\$6,288
HAMBLETON	531256	Multi-cell Mining Claim	2019-06-13	\$10,000	\$8,118
HAMBLETON	531258	Multi-cell Mining Claim	2019-06-13	\$4,800	\$3,900
HAMBLETON	531269	Multi-cell Mining Claim	2019-06-13	\$1,200	\$0
HAMBLETON	531214	Multi-cell Mining Claim	2019-07-20	\$2,400	\$243,686
HAMBLETON	531228	Multi-cell Mining Claim	2019-12-03	\$6,000	\$1,879
HAMBLETON	531264	Multi-cell Mining Claim	2019-12-17	\$9,600	\$850
HAMBLETON	531244	Multi-cell Mining Claim	2019-12-17	\$10,000	\$0
HAMBLETON	531245	Multi-cell Mining Claim	2019-12-17	\$9,600	\$0
HAMBLETON	531246	Multi-cell Mining Claim	2019-12-17	\$9,600	\$0
HAMBLETON	531247	Multi-cell Mining Claim	2019-12-17	\$9,600	\$0
HAMBLETON	531210	Multi-cell Mining Claim	2019-12-23	\$6,800	\$4,399
HAMBLETON	531249	Multi-cell Mining Claim	2019-12-23	\$1,200	\$0
HAMBLETON	531257	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
HAMBLETON	531268	Multi-cell Mining Claim	2019-12-23	\$4,000	\$0
HAMBLETON	531212	Multi-cell Mining Claim	2019-12-31	\$7,200	\$58,751
HAMBLETON	531215	Multi-cell Mining Claim	2019-12-31	\$3,600	\$213,133
HAMBLETON	531216	Multi-cell Mining Claim	2019-12-31	\$1,000	\$546,949
HAMBLETON	531217	Multi-cell Mining Claim	2019-12-31	\$2,200	\$471,385
HAMBLETON	531218	Multi-cell Mining Claim	2019-12-31	\$1,800	\$110,673
HAMBLETON	531227	Multi-cell Mining Claim	2020-04-21	\$5,600	\$1,553
HAMBLETON	531248	Multi-cell Mining Claim	2020-04-21	\$10,000	\$0
HAMBLETON	531265	Multi-cell Mining Claim	2020-04-21	\$10,000	\$0
HAMBLETON	531266	Multi-cell Mining Claim	2020-04-21	\$5,600	\$0
HAMBLETON	531267	Multi-cell Mining Claim	2020-04-21	\$5,600	\$0
HAMBLETON	531211	Multi-cell Mining Claim	2021-12-23	\$3,200	\$2,381
HAMBLETON	531259	Multi-cell Mining Claim	2022-12-23	\$1,200	\$851

HAMBLETON,ODLUM	531209	Multi-cell Mining Claim	2019-12-23	\$2,400	\$3,007
HAMBLETON,ODLUM	531208	Multi-cell Mining Claim	2019-12-31	\$5,200	\$578
HAMBLETON,ODLUM	531206	Multi-cell Mining Claim	2020-04-26	\$8,200	\$419,784
JOHNS	530313	Multi-cell Mining Claim	2019-06-20	\$6,400	\$4,084
JOHNS	530314	Multi-cell Mining Claim	2019-06-20	\$6,400	\$3,989
JOHNS	530315	Multi-cell Mining Claim	2019-06-20	\$7,200	\$8,147
JOHNS	530316	Multi-cell Mining Claim	2019-06-20	\$10,000	\$7,432
JOHNS	530317	Multi-cell Mining Claim	2019-06-20	\$7,200	\$1,858
JOHNS	531017	Multi-cell Mining Claim	2019-06-20	\$9,600	\$10,643
JOHNS	531018	Multi-cell Mining Claim	2019-06-20	\$10,000	\$1,750
JOHNS,ODLUM	530318	Multi-cell Mining Claim	2019-06-20	\$7,200	\$3,955
JOHNS,ODLUM	531019	Multi-cell Mining Claim	2019-06-20	\$9,600	\$3,654
JOHNS,ODLUM	531020	Multi-cell Mining Claim	2019-06-20	\$10,000	\$1,750
MOSAMBIK	531287	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
MOSAMBIK	531348	Multi-cell Mining Claim	2020-01-09	\$8,800	\$0
MOSAMBIK	532869	Multi-cell Mining Claim	2020-04-10	\$8,000	\$0
MOSAMBIK,NAMEIGOS	531286	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
MOSAMBIK,NAMEIGOS	531288	Multi-cell Mining Claim	2020-01-09	\$8,400	\$0
MOSAMBIK,NAMEIGOS	531347	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
MOSAMBIK,NAMEIGOS	531349	Multi-cell Mining Claim	2020-01-09	\$6,400	\$0
MOSAMBIK,NAMEIGOS	531350	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
NAMEIGOS	531340	Multi-cell Mining Claim	2019-06-13	\$6,800	\$6,473
NAMEIGOS	531335	Multi-cell Mining Claim	2019-06-13	\$10,000	\$2,377
NAMEIGOS	531342	Multi-cell Mining Claim	2019-06-13	\$8,000	\$4,097
NAMEIGOS	531343	Multi-cell Mining Claim	2019-06-13	\$8,000	\$5,623
NAMEIGOS	531344	Multi-cell Mining Claim	2019-06-13	\$7,200	\$8,195
NAMEIGOS	531283	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
NAMEIGOS	531284	Multi-cell Mining Claim	2020-01-09	\$9,200	\$0
NAMEIGOS	531285	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
NAMEIGOS	531351	Multi-cell Mining Claim	2020-01-09	\$9,600	\$0
NAMEIGOS	531352	Multi-cell Mining Claim	2020-01-09	\$10,000	\$0
NAMEIGOS	531332	Multi-cell Mining Claim	2020-02-16	\$9,600	\$0
NAMEIGOS	531333	Multi-cell Mining Claim	2020-02-16	\$4,800	\$0
NAMEIGOS	531334	Multi-cell Mining Claim	2020-02-16	\$10,000	\$0
NAMEIGOS	531336	Multi-cell Mining Claim	2020-02-16	\$9,200	\$0
NAMEIGOS	531337	Multi-cell Mining Claim	2020-02-16	\$9,200	\$0
NAMEIGOS	531338	Multi-cell Mining Claim	2020-02-16	\$9,600	\$0
NAMEIGOS	531341	Multi-cell Mining Claim	2020-02-16	\$800	\$0
NAMEIGOS	531345	Multi-cell Mining Claim	2020-02-16	\$800	\$0
NAMEIGOS	531346	Multi-cell Mining Claim	2020-02-16	\$1,600	\$2,096
NAMEIGOS	531331	Multi-cell Mining Claim	2020-04-11	\$7,600	\$0
NAMEIGOS	531281	Multi-cell Mining Claim	2020-04-11	\$10,000	\$0
NAMEIGOS	531282	Multi-cell Mining Claim	2020-04-11	\$9,600	\$0
NAMEIGOS	531289	Multi-cell Mining Claim	2020-04-11	\$5,600	\$0
NAMEIGOS,STRICKLAND	531276	Multi-cell Mining Claim	2020-02-22	\$10,000	\$0
NAMEIGOS,STRICKLAND	531279	Multi-cell Mining Claim	2020-02-22	\$4,000	\$0
NAMEIGOS,STRICKLAND	531280	Multi-cell Mining Claim	2020-04-11	\$9,600	\$0
ODLUM	531016	Multi-cell Mining Claim	2019-06-20	\$10,000	\$2,167
ODLUM	531021	Multi-cell Mining Claim	2019-06-20	\$10,000	\$7,963
ODLUM	531024	Multi-cell Mining Claim	2019-06-20	\$10,000	\$6,270
ODLUM	531025	Multi-cell Mining Claim	2019-06-20	\$9,600	\$4,018
ODLUM	531207	Multi-cell Mining Claim	2019-07-02	\$1,600	\$38,911
ODLUM	531201	Multi-cell Mining Claim	2019-10-29	\$2,000	\$1,713
ODLUM	531026	Multi-cell Mining Claim	2019-12-23	\$10,000	\$151
ODLUM	531182	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
ODLUM	531199	Multi-cell Mining Claim	2019-12-23	\$800	\$0
ODLUM	531200	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
ODLUM	531202	Multi-cell Mining Claim	2019-12-23	\$9,200	\$416
ODLUM	531203	Multi-cell Mining Claim	2019-12-31	\$7,000	\$1,479
ODLUM	531204	Multi-cell Mining Claim	2019-12-31	\$3,800	\$0
ODLUM	531205	Multi-cell Mining Claim	2020-03-27	\$4,800	\$66,972
ODLUM	531183	Multi-cell Mining Claim	2020-04-21	\$9,600	\$0
ODLUM	531198	Multi-cell Mining Claim	2020-04-21	\$7,600	\$0
ODLUM,STRICKLAND	531270	Multi-cell Mining Claim	2019-12-03	\$5,000	\$4,323
ODLUM,STRICKLAND	531184	Multi-cell Mining Claim	2020-04-21	\$9,600	\$0
ODLUM,STRICKLAND	531197	Multi-cell Mining Claim	2020-04-21	\$9,600	\$0
ODLUM,STRICKLAND,TEDDER	531175	Multi-cell Mining Claim	2020-04-21	\$10,000	\$0
ODLUM,TEDDER	531022	Multi-cell Mining Claim	2019-06-20	\$8,800	\$8,157
ODLUM,TEDDER	531023	Multi-cell Mining Claim	2019-06-20	\$9,600	\$5,911
ODLUM,TEDDER	531027	Multi-cell Mining Claim	2019-12-23	\$9,600	\$0
ODLUM,TEDDER	531154	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
ODLUM,TEDDER	531173	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
ODLUM,TEDDER	531174	Multi-cell Mining Claim	2019-12-23	\$9,600	\$0
STRICKLAND	531162	Multi-cell Mining Claim	2019-11-16	\$9,600	\$0
STRICKLAND	531168	Multi-cell Mining Claim	2019-11-16	\$10,000	\$0
STRICKLAND	531177	Multi-cell Mining Claim	2019-11-16	\$9,600	\$0
STRICKLAND	531178	Multi-cell Mining Claim	2019-11-16	\$10,000	\$0
STRICKLAND	531180	Multi-cell Mining Claim	2019-11-16	\$9,200	\$0
STRICKLAND	531271	Multi-cell Mining Claim	2019-11-16	\$8,000	\$0

STRICKLAND	531273	Multi-cell Mining Claim	2019-11-16	\$10,000	\$0
STRICKLAND	531274	Multi-cell Mining Claim	2019-11-16	\$10,000	\$0
STRICKLAND	531275	Multi-cell Mining Claim	2019-11-16	\$8,400	\$0
STRICKLAND	531278	Multi-cell Mining Claim	2019-11-16	\$800	\$0
STRICKLAND	531195	Multi-cell Mining Claim	2019-12-03	\$8,800	\$3,651
STRICKLAND	531167	Multi-cell Mining Claim	2019-12-03	\$8,400	\$6,945
STRICKLAND	531170	Multi-cell Mining Claim	2019-12-03	\$9,200	\$1,763
STRICKLAND	531176	Multi-cell Mining Claim	2019-12-03	\$10,000	\$4,122
STRICKLAND	531179	Multi-cell Mining Claim	2019-12-03	\$8,400	\$0
STRICKLAND	531181	Multi-cell Mining Claim	2019-12-03	\$9,600	\$0
STRICKLAND	531185	Multi-cell Mining Claim	2019-12-03	\$9,600	\$5,886
STRICKLAND	531196	Multi-cell Mining Claim	2019-12-03	\$8,800	\$0
STRICKLAND	531223	Multi-cell Mining Claim	2019-12-03	\$7,400	\$3,197
STRICKLAND	531272	Multi-cell Mining Claim	2019-12-03	\$1,200	\$0
STRICKLAND	531160	Multi-cell Mining Claim	2020-02-22	\$8,400	\$0
STRICKLAND	531161	Multi-cell Mining Claim	2020-02-22	\$8,400	\$0
STRICKLAND	531277	Multi-cell Mining Claim	2020-02-22	\$7,200	\$0
STRICKLAND	531157	Multi-cell Mining Claim	2020-04-21	\$10,000	\$0
STRICKLAND, TEDDER	531156	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
STRICKLAND, TEDDER	531169	Multi-cell Mining Claim	2020-04-21	\$8,800	\$200
STRICKLAND, TEDDER	531171	Multi-cell Mining Claim	2020-04-21	\$8,800	\$0
TEDDER	531031	Multi-cell Mining Claim	2019-12-23	\$9,600	\$0
TEDDER	531153	Multi-cell Mining Claim	2019-12-23	\$8,800	\$0
TEDDER	531155	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
TEDDER	531172	Multi-cell Mining Claim	2019-12-23	\$10,000	\$0
TEDDER	531079	Multi-cell Mining Claim	2020-01-09	\$9,200	\$0
TEDDER	531046	Multi-cell Mining Claim	2020-01-09	\$8,800	\$346
TEDDER	531047	Multi-cell Mining Claim	2020-01-09	\$9,600	\$0
TEDDER	531098	Multi-cell Mining Claim	2020-01-09	\$9,600	\$0
TEDDER	531099	Multi-cell Mining Claim	2020-01-09	\$9,600	\$0
COOPER	531126	Single Cell Mining Claim	2020-01-09	\$400	\$0
MOSAMBIK	273604	Single Cell Mining Claim	2020-01-09	\$400	\$0
MOSAMBIK	188477	Single Cell Mining Claim	2020-01-09	\$400	\$0
MOSAMBIK, NAMEIGOS	265657	Single Cell Mining Claim	2020-01-09	\$400	\$0
MOSAMBIK, NAMEIGOS	344618	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	335993	Single Cell Mining Claim	2020-01-08	\$400	\$0
NAMEIGOS	208958	Single Cell Mining Claim	2020-01-08	\$400	\$0
NAMEIGOS	220373	Single Cell Mining Claim	2020-01-08	\$400	\$0
NAMEIGOS	102261	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	127131	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	229063	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	154316	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	103256	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	118285	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	219164	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	276303	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	125852	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	170953	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	286410	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	189211	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531316	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531309	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	118287	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531304	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	170954	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531290	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531291	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531292	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531293	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531294	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531295	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531296	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531297	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531298	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531299	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531300	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531301	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531302	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531305	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531306	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	531317	Single Cell Mining Claim	2020-01-09	\$400	\$0
NAMEIGOS	514033	Single Cell Mining Claim	2020-04-11	\$400	\$0
NAMEIGOS	514035	Single Cell Mining Claim	2020-04-11	\$400	\$0
STRICKLAND	110507	Single Cell Mining Claim	2019-12-03	\$200	\$0

Schedule "C"
Halverson Property

Legacy Claim Id	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Work Required	Total Reserve
4281896	ODLUM	136581	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	334503	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	255919	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	237877	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	220822	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	220821	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	209284	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	209282	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	201257	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	171296	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	142560	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	136582	Boundary Cell Mining Claim	2021-02-06	\$200	\$0
4281896	ODLUM	324599	Single Cell Mining Claim	2021-02-06	\$400	\$0
4281896	ODLUM	255918	Single Cell Mining Claim	2021-02-06	\$400	\$0
4281896	ODLUM	255917	Single Cell Mining Claim	2021-02-06	\$400	\$223
4281896	ODLUM	209283	Single Cell Mining Claim	2021-02-06	\$400	\$0

Appendix B – K7 Zone – 2018-2019 Drill Logs



Hole Number:

K7-18-05

Drill Rig:

HC-150-16

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					11-Jan-2018	20-Jan-2018	
Planned Coordinates		Azimuth:	60	Drill Contractor:	Forages Chibougamau Ltée		
Easting	648034						
Northing	5396706	Dip:	-50	Dates Logged:	Start Date:	End Date:	
levation(m)	410				12-Jan-2018	20-Jan-2018	
Final Pick up		Depth(m):	666.00	Logger 1:	Andrew Wehrfritz		
Easting							
Northing		Core Size:	NQ	Logger 2:			
levation(m)							
Casing				Assay Lab:	Actlabs		
Purpose of Hole	Regional exploration hole investigating anomalous VLF and Humus Values	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Largely alternating between Mafics and feldspar porphyry units. Two sections of increased sulphide content (up to 2%); ~240-290 and ~540-565.	0.0	60.8	50.4			68.4
		27.0	60.8	50.4	56759		68.4
		60.0	61.2	50.7	56390		68.8
		90.0	62.1	50.9	55909		69.7
		120.0	60.6	50.6	56445		68.2
		150.0	60.3	50.0	56412		67.9
		180.0	60.3	49.5	56304		67.9
		210.0	60.0	49.1	56171		67.6
		240.0	63.1	49.0	57069		70.7
		Comments		270.0	60.5	48.6	57211
303.0	59.5			48.7	56486		67.1
333.0	59.0			48.6	56454		66.6
363.0	59.1			48.4	56466		66.7
393.0	58.8			47.9	56540		66.4
423.0	60.2			47.5	56669		67.8
450.0	60.2			47.1	56404		67.8
480.0	61.0			46.6	56547		68.6
510.0	61.1			46.7	56459		68.7
540.0	61.4			45.9	56634		69
Azimuth corrected to 7.6 degrees west declination		570.0	62.7	45.6	56598		70.3
		600.0	62.8	45.0	56334		70.4
		630.0	63.4	44.7	56334		71
		663.0	64.0	44.4	56421		71.6

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-18-05	0	3.7	3.7	OVB	Overburden	Overburden
K7-18-05	3.7	15.7	12	5B	Granodiorite	6m casing. cg, Light grey unit with black speckling and a light pink hue in areas. Composed predominately of coarse grained light grey feldspar, some quartz and fg black biotite with weak foliation. Moderately to strongly magnetic in several sections.
K7-18-05	15.7	31.42	15.72	3A	Greywacke	Compositionally the same as 4b. Mg, dark grey unit with a felsic to intermediate composition (feldspar, biotite and some mafics), weakly foliated. Weakly banded texture throughout as a result of coarser lineations of white feldspar and biotite. Narrow sections of massive flow (1A) and feldspar porphyry (4B) throughout occasionally throughout the unit. Minor sericite alteration halos along healed fractures. Compositionally the same as 4b
K7-18-05	31.42	35.3	3.88	4B	Feldspar Porphyry	fg to mg grey felsic rock. Feldspar phenocrysts in a finer grained felsic ground mass. Phenocrysts are moderately strained.
K7-18-05	35.3	86.46	51.16	3A	Greywacke	Compositionally the same as 4b. Mg, dark grey unit with a felsic to intermediate composition (feldspar, biotite and some mafics), weakly foliated. Weakly banded texture throughout as a result of coarser lineations of white feldspar and biotite. Narrow sections of massive flow (1A) and feldspar porphyry (4B) throughout occasionally throughout the unit. Minor sericite alteration halos along healed fractures.
K7-18-05	86.46	87.95	1.49	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some biotite and chlorite, minor foliation.
K7-18-05	87.95	123.65	35.7	3A	Greywacke	Compositionally the same as 4b. Mg, dark grey unit with a felsic to intermediate composition (feldspar, biotite and some mafics), weakly foliated. Weakly banded texture throughout as a result of coarser lineations of white feldspar and biotite. Narrow sections of massive flow (1A) and feldspar porphyry (4B) occasionally throughout the unit. Minor sericite alteration halos along healed fractures. Minor Blebby sulphides from 114 to 117. Occasional quartz veinlets. 119 to 123 contains fine disseminated sulphides (<1%); this section could potentially be broken out as a 4B
K7-18-05	123.65	129.75	6.1	3D	Iron Formation	mg, Light grey and black unit with a banded/bedded texture. Alternates between felsic (primarily feldspar) bands (.1 to 1 cm in width) and biotite bands. Many bands are highly deformed and undulated. Magnetite is associated with biotite banding.
K7-18-05	129.75	134.5	4.75	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	134.5	137.8	3.3	3D	Iron Formation	mg, Light grey and black unit with a banded/bedded texture. Alternates between felsic (primarily feldspar) bands (.1 to 1 cm in width) and biotite bands. Many bands are highly deformed and undulated. Magnetite is associated with biotite banding.
K7-18-05	137.8	160.1	22.3	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	160.1	162.89	2.79	3C	Conglomerate	Polymictic conglomerate to coarse volcaniclastic; matrix supported. Predominately strained felsic clasts in a mafic groundmass. Large foliated biotite component to the matrix. Occasional silica banding.
K7-18-05	162.89	164.54	1.65	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	164.54	187.13	22.59	3C	Conglomerate	Polymictic conglomerate to coarse volcaniclastic; matrix supported. Predominately strained felsic clasts in a mafic groundmass. Large foliated biotite component to the matrix. Occasional silica banding.
K7-18-05	187.13	203.12	15.99	3D	Iron Formation	fg to mg, garniferous dark grey to black unit with moderate to strong foliation. Composed of fg mafics, mg foliated biotite and millimetric sized garnets disseminated throughout. Moderate magnetism throughout. Section with high frequency of fractures from 177.5 to 178. Minor blebby sulphides from 199.4 to 200.16.
K7-18-05	203.12	205.59	2.47	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some biotite and chlorite, minor foliation.
K7-18-05	205.59	207	1.41	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar and quartz phenocrysts in a finer grained felsic ground mass including fg foliated quartz. Phenocrysts are strained and very faint. Varying amounts of silicification. Disseminated sulphides intermittently throughout (<<1% overall)
K7-18-05	207	208.64	1.64	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some biotite and chlorite, minor foliation.

K7-18-05	208.64	217.65	9.01	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar and quartz phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Quartz phenocrysts are well formed, feldspar Phenocrysts are strained and very faint. Varying amounts of silicification and light green sericite alteration along healed fractures. Alteration and silicification produces a banded texture in areas. blebby and/or disseminated pyrite associated with quartz stringers and quartz phenocrysts (.5% overall).
K7-18-05	217.65	219.05	1.4	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some biotite and chlorite, minor foliation, patchy contacts on both ends. Sulphide blebs at 218.5 associated with a quartz stringer <<1% overall.
K7-18-05	219.05	234.84	15.79	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar and quartz phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Quartz phenocrysts are well formed, feldspar phenocrysts are strained and very faint. Varying amounts of silicification and light green sericite alteration along healed fractures. Increased alteration is associated with quartz phenocrysts and quartz stringers. Occasional blebby and/or disseminated pyrite (.25% overall). Few small sections of mafics cross cut unit.
K7-18-05	234.84	240.45	5.61	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture. <<1% blebby pyrite.
K7-18-05	240.45	264.03	23.58	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Some well formed quartz phenocrysts are evident as well. Feldspar phenocrysts are generally highly strained and very faint however in certain sections they are well formed. Varying amounts of silicification and light green sericite alteration along healed fractures. Disseminated sulphides throughout most of unit (.5% overall). Highest concentration of sulphides (blebby texture) surround mafic subunit from 263.07 to 263.6 (2-3% py and po in this section). Quartz stringers and veinlets throughout, sometimes associated with sulphides
K7-18-05	264.03	265.21	1.18	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit, minor foliation. Light green banded texture intermittently (chlorite/epidote). Quartz stringers throughout associated with 1-2% sulphide (Pyrite and pyrrhotite) with a disseminated and blebby appearance. Small iron formation at 265m.
K7-18-05	265.21	287.72	22.51	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Some well formed quartz phenocrysts are evident as well. Feldspar phenocrysts are generally highly strained and very faint however in certain sections they are well formed. Varying amounts of silicification and light green sericite alteration along healed fractures. Disseminated sulphides throughout most of unit (.1 - .5% overall); dissipates towards base of unit. Quartz stringers and veinlets throughout, sometimes associated with sulphides. Section of high silicification from 287.2 to 287.7.
K7-18-05	287.72	288.84	1.12	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some chlorite, minor foliation.
K7-18-05	288.84	292.92	4.08	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Some well formed quartz phenocrysts are evident as well. Feldspar phenocrysts are generally highly strained and very faint. Varying amounts of silicification and light green sericite alteration along healed fractures. Disseminated sulphides throughout most of unit (.25% overall). Few smokey quartz stringers.
K7-18-05	292.92	294.4	1.48	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some chlorite, minor foliation. Trace amounts of disseminated sulphides.
K7-18-05	294.4	308.07	13.67	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are moderately strained to well formed. Varying amounts of silicification and light green sericite alteration along healed fractures. Low quantities of disseminated sulphides throughout most of unit (.1% overall). Po and py stringer at 296. Higher degree of alteration and silicification at 297 to 298
K7-18-05	308.07	309.47	1.4	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some chlorite, minor foliation.

K7-18-05	309.47	315.24	5.77	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Some well formed quartz phenocrysts are evident as well. Feldspar phenocrysts are moderately strained to well formed. Varying amounts of silicification and light green sericite alteration along healed fractures. Felsic unit partially intersects unit from 314-314.7. Disseminated sulphides (.2%)
K7-18-05	315.24	331	15.76	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	331	332	1	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are moderately strained to well formed.
K7-18-05	332	343.95	11.95	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	343.95	345.67	1.72	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are highly moderately strained and faint. High degree of silicification few healed fractures with sericite alteration halos.
K7-18-05	345.67	354.88	9.21	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	354.88	361.85	6.97	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are highly strained and faint, high to moderate amount of silicification; light green sericite alteration along healed fractures. Felsic unit partially intersects unit from 359.3-359.8. Disseminated sulphides (.5%)
K7-18-05	361.85	365.2	3.35	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	365.2	367.06	1.86	4B	Feldspar Porphyry	fg to mg grey felsic rock. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are moderately strained and in areas. small degree of silicification.
K7-18-05	367.06	368.47	1.41	1B	Pillowed Flows	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	368.47	371.49	3.02	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated muscovite. Feldspar phenocrysts are highly strained and faint, high to moderate amount of silicification; light green sericite alteration along healed fractures.
K7-18-05	371.49	379.6	8.11	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	379.6	386.7	7.1	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are highly strained and faint, high to moderate amount of silicification; light green sericite alteration along healed fractures. approx. .5% disseminated sulphides.
K7-18-05	386.7	388.49	1.79	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	388.49	390.11	1.62	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are highly strained and faint, high to moderate amount of silicification; light green sericite alteration along healed fractures.
K7-18-05	390.11	393.15	3.04	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	393.15	394.2	1.05	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.

K7-18-05	394.2	396.49	2.29	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained to well formed.
K7-18-05	396.49	397.58	1.09	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	397.58	406.91	9.33	1A	Massive Flows	Fg, Dark green to dark grey unit, mafic in composition with some chlorite, minor foliation. White feldspar speckling.
K7-18-05	406.91	414.51	7.6	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	414.51	415.51	1	4B	Feldspar Porphyry	fg to mg grey felsic rock. Weakly banded texture throughout as a result of coarser lineations of white feldspar and biotite; resembles greywacke from top of hole.
K7-18-05	415.51	429.08	13.57	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture. Pyrite and po veinlet at 424 accompanied by disseminated sulphides.
K7-18-05	429.08	430.24	1.16	4B	Feldspar Porphyry	fg to mg grey felsic rock. Weakly banded texture throughout as a result of coarser lineations of white feldspar and biotite; resembles greywacke from top of hole.
K7-18-05	430.24	432.43	2.19	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Also sections with Amygdaloidal texture.
K7-18-05	432.43	467.89	35.46	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, moderate amount of silicification; light green sericite alteration along healed fractures. approx. .5% disseminated sulphides.
K7-18-05	467.89	494.55	26.66	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles. Frequent narrow intrusive sections of feldspar porphyry from 467.89 to 479; these sections are associated with a brecciated texture and small quantities of disseminated sulphides (<<1%)
K7-18-05	494.55	500.49	5.94	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	500.49	503	2.51	1C	Agglomerate	fg to mg mafic , dark green to grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries; possibly volcanic ejectiles.
K7-18-05	503	508.9	5.9	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures.
K7-18-05	508.9	527.45	18.55	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	527.45	529.41	1.96	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Some granodiorite bands (2-3 cm wide)
K7-18-05	529.41	536.24	6.83	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	536.24	540.92	4.68	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	540.92	542.36	1.44	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. .25% disseminated sulphides
K7-18-05	542.36	545.58	3.22	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminate sulphides; up to 1%, (po and py); concentration increases with depth of unit; Sulphides coarser and more blebby at bottom 20cm of unit. Narrow section of 4b cuts unit from 543.25 to 543.35. Bull quartz veinlet from 543.4 to 543.44.


K7-18-05	545.58	547.15	1.57	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Up to 2% disseminated to blebby sulphides (py). Narrow granodiorite-like bands (1-2cm) intersect unit intermittently.
K7-18-05	547.15	552.58	5.43	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated/ blebby sulphides; up to 1%, (po and py).
K7-18-05	552.58	556.76	4.18	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (1-2cm) intersect unit intermittently. Barren smokey quartz veinlets intersect unit occasionally. <1% disseminated sulphides.
K7-18-05	556.76	557.89	1.13	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated/ blebby sulphides; up to 1%, (po and py).
K7-18-05	557.89	558.95	1.06	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. .2% disseminated sulphides
K7-18-05	558.95	563.78	4.83	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated/ blebby sulphides; up to 1%, (po and py). Narrow 4B sections (5cm) occasionally.
K7-18-05	563.78	566.44	2.66	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Barren quartz veins intersect unit from 565.49 to 565.7
K7-18-05	566.44	567.78	1.34	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	567.78	569.05	1.27	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Significant alteration and silicification at the bottom 20cm of the unit. .1% disseminated sulphides.
K7-18-05	569.05	585.1	16.05	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Wide quartz vein from 57979 to 580.09.
K7-18-05	585.1	588.08	2.98	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	588.08	590.52	2.44	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	590.52	591.52	1	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Wide quartz vein from 590.91 to 590.97
K7-18-05	591.52	593	1.48	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	593	597.8	4.8	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Wide quartz vein from 590.91 to 590.97
K7-18-05	597.8	599.47	1.67	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	599.47	601.53	2.06	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	601.53	603.36	1.83	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar

K7-18-05	603.36	610.59	7.23	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently.
K7-18-05	610.59	612	1.41	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. .1% disseminated sulphides.
K7-18-05	612	613.91	1.91	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently.
K7-18-05	613.91	616.37	2.46	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. .1% disseminated sulphides.
K7-18-05	616.37	623.32	6.95	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	623.32	632.76	9.44	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	632.76	634.61	1.85	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Disseminated Sulphides 1-2%
K7-18-05	634.61	640.29	5.68	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	640.29	642.2	1.91	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently.
K7-18-05	642.2	644.33	2.13	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	644.33	646.92	2.59	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-05	646.92	657.18	10.26	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. .5% disseminated sulphides
K7-18-05	657.18	660	2.82	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently. Disseminated Sulphides .5%
K7-18-05	660	664.5	4.5	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-05	664.5	666	1.5	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures. Narrow grey/pink granodiorite-like bands (3-5cm) intersect unit intermittently.
						EOH

															Li
															ppm
															0.5
BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM	TD-MS
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	40	40.5	0.5	384272					74
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	81	81.5	0.5	384273					95.4
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	121.5	122	0.5	384274					190
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	160.1	160.6	0.5	384275					> 400
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	201	201.5	0.5	384276					120
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	239	239.5	0.5	384277					28.3
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	280	280.5	0.5	384278					43.9
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	320	320.5	0.5	384279					45.9
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	372	372.5	0.5	384280					54.7
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	400	400.5	0.5	384281					109
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	440	440.5	0.5	384282					49.4
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	479.9	480.4	0.5	384283					110
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	520	520.5	0.5	384284					67.8
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	575	575.5	0.5	384285					68.2
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	600	600.5	0.5	384286					183
K7-18-05	K7 Zone	Actlabs	A18-00671			Geochem	639	639.5	0.5	384287					98.9
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	114.62	115.24	0.62	385892	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	119	120	1	385893	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	120	121	1	385894	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	199.4	200.16	0.76	385895	0.109	109			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	209	210	1	385896	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	210	211	1	385897	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	211	212	1	385898	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	212	213	1	385899	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Blank	212	213	1	385900	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	213	214	1	385901	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	214	215	1	385902	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	215	216	1	385903	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	216	217	1	385904	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	217	217.65	0.65	385905	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	217.65	218.33	0.68	385906	0.01	10			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	218.33	219.05	0.72	385907	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	219.05	220	0.95	385908	0.042	42			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	220	221	1	385909	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	OREAS 215	220	221	1	385910	3.59	3590			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	221	222	1	385911	0.068	68			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	222	223	1	385912	0.014	14			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	223	224	1	385913	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	224	225	1	385914	0.007	7			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	225	226	1	385915	0.013	13			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	226	227	1	385916	0.009	9			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	227	228	1	385917	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	228	229	1	385918	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	229	230	1	385919	0.0025	< 5			

K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Blank	229	230	1	385920	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	230	231	1	385921	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	231	232	1	385922	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00551	17-Jan-18	29-Jan-18	Assay	232	232.71	0.71	385923	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	239.8	240.45	0.65	385924	0.024	24			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	240.45	241.38	0.93	385925	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	241.38	241.85	0.47	385926	0.007	7			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	241.85	242.68	0.83	385927	0.03	30			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	242.68	243.7	1.02	385928	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	244.85	246	1.15	385929	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	OREAS 216	244.85	246	1.15	385930	6.68	6680			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	246	247	1	385931	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	247	248	1	385932	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	248	249	1	385933	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	249	250	1	385934	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	250	251	1	385935	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	251	252	1	385936	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	252	253	1	385937	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	253	254	1	385938	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	254	255	1	385939	0.01	10			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Blank	254	255	1	385940	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	255	256	1	385941	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	29-Jan-18	Assay	256	257	1	385942	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	257	258	1	385943	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	258	259	1	385944	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	259	260	1	385945	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	260	261	1	385946	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	261	262	1	385947	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	262	263.07	1.07	385948	0.024	24			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	263.07	263.4	0.33	385949	0.076	76			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	OREAS 210	263.07	263.4	0.33	385950	5.38	5380			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	263.4	264.03	0.63	385951	0.007	7			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	264.03	264.63	0.6	385952	0.083	83			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	264.63	265.21	0.58	385953	0.092	92			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	265.21	266	0.79	385954	0.01	10			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	266	267	1	385955	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	267	268	1	385956	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	273	274	1	385957	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	274	275	1	385958	0.022	22			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	275	276	1	385959	0.146	146			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Blank	275	276	1	385960	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	276	277	1	385961	0.247	247			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	277	278	1	385962	0.012	12			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	268	269	1	385963	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	269	270	1	385964	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	270	271	1	385965	0.008	8			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	271	272	1	385966	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00549	17-Jan-18	2018-01-18	Assay	272	273	1	385967	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00625	19-Jan-18	2018-01-29	Assay	295.85	296.35	0.5	385968	0.015	15			

K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	354	354.88	0.88	385969	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	OREAS 215	354	354.88	0.88	385970	3.55	3550			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	354.88	355.85	0.97	385971	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	355.85	356.8	0.95	385972	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	356.8	357.6	0.8	385973	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	384.48	385.48	1	385974	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	385.48	386.27	0.79	385975	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	386.27	386.7	0.43	385976	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	423.75	424.75	1	385977	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	441.17	442.17	1	385978	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	442.17	443	0.83	385979	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Blank	442.17	443	0.83	385980	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	382.04	382.49	0.45	385981	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	471	472	1	385982	0.013	13			
K7-18-05	K7 Zone	Actlabs	A18-00647	22-Jan-18	31-Jan-18	Assay	472	473	1	385983	0.007	7			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	542.36	543	0.64	385984	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	543	544	1	385985	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	544	545	1	385986	0.005	5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	545	545.58	0.58	385987	0.011	11			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	545.58	546.3	0.72	385988	0.012	12			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	546.3	547.15	0.85	385989	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	OREAS 216	546.3	547.15	0.85	385990	6.6	6600			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	547.15	547.86	0.71	385991	0.008	8			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	547.86	548.39	0.53	385992	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	548.39	549.4	1.01	385993	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	549.4	550.4	1	385994	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	550.4	551.4	1	385995	0.008	8			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	551.4	552.58	1.18	385996	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	552.58	553.6	1.02	385997	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	553.6	554.6	1	385998	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	554.6	555.6	1	385999	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Blank	554.6	555.6	1	386000	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	555.6	556.76	1.16	384301	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	556.76	557.89	1.13	384302	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	557.89	558.95	1.06	384303	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	558.95	559.68	0.73	384304	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	559.68	560.17	0.49	384305	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	560.17	560.9	0.73	384306	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	560.9	561.9	1	384307	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	569.4	570.4	1	384308	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	570.4	570.78	0.38	384309	0.01	10			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	OREAS 210	570.4	570.78	0.38	384310	5.46	5460			
K7-18-05	K7 Zone	Actlabs	A18-00646	22-Jan-18	2018-01-23	Assay	570.78	571.78	1	384311	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00669	22-Jan-18	29/01/2018	Assay	630.73	631.73	1	384312	0.006	6			
K7-18-05	K7 Zone	Actlabs	A18-00669	22-Jan-18	29/01/2018	Assay	631.73	632.76	1.03	384313	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00669	22-Jan-18	29/01/2018	Assay	632.76	633.7	0.94	384314	0.0025	< 5			
K7-18-05	K7 Zone	Actlabs	A18-00669	22-Jan-18	29/01/2018	Assay	633.7	634.61	0.91	384315	0.009	9			
K7-18-05	K7 Zone	Actlabs	A18-00669	22-Jan-18	29/01/2018	Assay	634.61	635.61	1	384316	0.0025	< 5			

		Hole Number:		K7-18-06					
		Drill Rig:		HC-150-16					
		Claim Number:							
Location		Drill Hole Orientation		Dates Drilled:		Start Date:	End Date:		
Surface				Jan-20-2018		Jan-26-2018			
Planned Coordinates		Azimuth:	60	Drill Contractor:		Forages Chibougamau Ltée			
Easting	648252			Dates Logged:		Start Date:	End Date:		
Northing	5396602	Dip:	-50	Jan-21-2018		Jan-26-2018			
levation(m)	410			Logger 1:		Andrew Wehrfritz			
Final Pick up		Depth(m):	450.00	Logger 2:					
Easting		Core Size:	NQ	Logger 3:					
Northing				Assay Lab:		Actlabs			
levation(m)		Casing		Dip Tests					
Purpose of Hole		Regional exploration hole investigating anomalous VLF and Humus Values		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
				0.0	57.8	52.5			65.4
Results		Gabbro units in upper portions of the hole where sulphide mineralization was expected. Disseminated sulphides from 201 to 203 and 377 to 378.5 (approx. 1%) associated with smokey quartz stringers/veinlets/veins.		27.0	57.8	52.5	56763		65.4
				57.0	57.2	51.8	56677		64.8
				90.0	58.8	57.5	55841		66.4
				120.0	56.9	51.4	56028		64.5
				150.0	66.7	51.5	57824		74.3
				183.0	57.5	50.1	56401		65.1
				216.0	57.9	50.8	56457		65.5
				240.0	57.9	50.5	56226		65.5
Comments				270.0	58.4	50.2	56209		66
				303.0	60.2	49.6	56274		67.8
				330.0	59.6	49.8	56330		67.2
				363.0	66.1	48.7	58563		73.7
				396.0	62.0	48.3	56411		69.6
				426.0	62.2	47.9	56339		69.8
					-7.6				
Azimuth corrected to 7.6 degrees west declination					-7.6				
					-7.6				
					-7.6				
					-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-18-06	0	8.5	8.5	OVB	Overburden	
K7-18-06	8.5	22.27	13.77	3D	Iron Formation	12 meter casing. mg, garniferous dark grey to black unit with moderate to strong foliation; weak to moderate banded texture. Bands of fg mafics, mg foliated biotite and disseminated millimetric garnets alternate between silica rich bands of dark grey silica. Moderate magnetism throughout. Section with high frequency of fractures from 16m to 17m and 18-18.5m.
K7-18-06	22.27	50.03	27.76	3C	Conglomerate	fg to cg light grey to dark grey unit with a laminated to banded texture and a moderate to high degree of foliation. Highly strained and elongated silica or felsic clasts in a predominately mafic groundmass including a significant biotite component. The elongated felsic clasts in the unit give the unit a banded texture.
K7-18-06	50.03	76.85	26.82	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-06	76.85	92	15.15	3C	Conglomerate	fg to cg light grey to dark grey unit with a laminated to banded texture and a moderate to high degree of foliation. Highly strained and elongated silica or felsic clasts in a predominately mafic groundmass including a significant biotite component. The elongated felsic clasts in the unit give the unit a banded texture. The unit is moderately magnetic in areas.
K7-18-06	92	104.04	12.04	6B	Gabbro	cg to vcg, dark green, mafic unit. Unit is composed predominately of mafic minerals with cg feldspar evident interstitially in areas.
K7-18-06	104.04	105.29	1.25	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-06	105.29	118.3	13.01	6B	Gabbro	cg to vcg, dark green, mafic unit. Unit is composed predominately of mafic minerals with cg feldspar evident interstitially in areas.
K7-18-06	118.3	121.05	2.75	4E	Pegmatite	light grey to pale pink, cg to vcg; felsic, composed of : quartz, muscovite and feldspar
K7-18-06	121.05	158.24	37.19	6B	Gabbro	cg to mg, dark green, mafic unit. Unit is composed predominately of mafic minerals with mg feldspar evident interstitially in areas. Moderate magnetism in sections. Silicification is apparent from 130.57 to 131.68 and is associated with a small amounts of sulphides. lighter green alteration halos around healed fractures intermittently. Brecciated texture from 144 o 158 with quartz and felsic material between fragments; sulphide component also increases in this area ranging up to 1% from 156-158. Darker and finer grained from 152 to 154
K7-18-06	158.24	172.72	14.48	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas. Narrow granodiorite fingering (.5-2cm) throughout. Barren Smokey quartz veinlets intermittently. Minor Disseminated sulphides (<<1%)
K7-18-06	172.72	175.86	3.14	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. <<1% disseminated sulphides.
K7-18-06	175.86	227.82	51.96	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas. Intermittent Smokey quartz veinlets or stringers throughout. Silicification from 177 to 177.5 and up to .5% sulphides; mostly py trace amounts of cpy and po. Up to 1% disseminated sulphides from 201 to 203. Section of increased silicification and alteration from 210 to 212.
K7-18-06	227	229.13	2.13	1C	Aglomerate	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Most lighter green sections are rounded with irregular boundaries
K7-18-06	229.13	231.7	2.57	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas.
K7-18-06	231.7	241.22	9.52	1C	Aglomerate	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Most lighter green sections are rounded with irregular boundaries. Some Amygdaloidal texture. Red carbonate veinlet at top of unit.


K7-18-06	241.22	243.43	2.21	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas.
K7-18-06	243.43	245.72	2.29	1C	Aglomerate	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Most lighter green sections are rounded with irregular boundaries. Some Amygdaloidal texture
K7-18-06	245.72	249.1	3.38	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas.
K7-18-06	249.1	251	1.9	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	251	262.55	11.55	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including fg foliated biotite and muscovite. Feldspar phenocrysts are moderately strained, light green sericite alteration along healed fractures in areas. Trace disseminated sulphides <<1%. A large section of the unit is partially cross cut by a granodiorite unit parallel to core axis.
K7-18-06	262.55	274.18	11.63	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	274.18	278.02	3.84	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately strained, minor light green sericite alteration along healed fractures in areas. Trace disseminated sulphides <<1%.
K7-18-06	278.02	282.95	4.93	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Amygdaloidal texture in areas.
K7-18-06	282.95	283.86	0.91	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar. Red staining in bottom 30cm of unit in an almost laminated pattern.
K7-18-06	283.86	290.35	6.49	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Amygdaloidal texture in areas. Trace amounts of sulphides <<1%
K7-18-06	290.35	292.9	2.55	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately strained, minor light green sericite alteration along healed fractures in areas. Trace disseminated sulphides <<1%.
K7-18-06	292.9	294.2	1.3	1A	Massive Flows	fg to mg dark grey to green mafic unit. Composed of mafic minerals and some biotite, with moderate chlorite alteration. Calcite veinlet at 293.7 with a vuggy texture.
K7-18-06	294.2	296.22	2.02	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, moderate to high degree of light green sericite alteration along healed fractures in areas. Minor silicification.
K7-18-06	296.22	302.39	6.17	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Small granodiorite intrusion from 302 to 302.2
K7-18-06	302.39	307.1	4.71	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, high degree of light green sericite alteration along healed fractures. Minor silicification.
K7-18-06	307.1	309.97	2.87	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	309.97	312.5	2.53	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are lightly strained, high degree of light green sericite alteration along healed fractures. Minor silicification. Occasional Smokey quartz veinlets or stringers intersect unit.

K7-18-06	312.5	323.9	11.4	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Up to 1% sulphides at bottom 3cm of unit. Small fractured zone at 321m.
K7-18-06	323.9	329.7	5.8	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, high degree of light green sericite alteration along healed fractures. Minor to moderate silicification. Occasional Smokey quartz veinlets or stringers intersect unit. Approx. .2% Disseminated sulphides
K7-18-06	329.7	331.96	2.26	1A	Massive Flows	fg to mg dark grey to green mafic unit. Composed of mafic minerals and some biotite, with moderate chlorite alteration. Quartz veinlet from 331.17 to 331.2
K7-18-06	331.96	333.1	1.14	7A	Diabase	vfg to fg, medium grey mafic rock with sharp contacts and moderate magnetism
K7-18-06	333.1	334.35	1.25	1A	Massive Flows	fg to mg dark grey to green mafic unit. Composed of mafic minerals and some biotite, with moderate chlorite alteration.
K7-18-06	334.35	342.4	8.05	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately strained, minor light green sericite alteration along healed fractures in areas. disseminated sulphides <1%.
K7-18-06	342.4	344.77	2.37	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	344.77	346.83	2.06	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas. Millimetric to centimetric wide granodiorite wisps intersect unit intermittently. disseminated sulphides <1% overall , up to 1% from 346.1 to 346.4. Minor silicification
K7-18-06	346.83	351.13	4.3	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	351.13	353.1	1.97	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, significant light green sericite alteration along healed fractures in areas. Silicification evident.
K7-18-06	353.1	366.41	13.31	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated sulphides <<1%
K7-18-06	366.41	369.48	3.07	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas. Silicification evident. Disseminated sulphides approx. .5%
K7-18-06	369.48	387.17	17.69	1C	Aglomerate	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Most lighter green sections are rounded with irregular boundaries. Smokey quartz veinlets/wisps (flooding) from 377 to 378.5 associated with up to 1% po.
K7-18-06	387.17	388.8	1.63	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas. Thin narrows sections of granodiorite intrusions cross cut the unit throughout.
K7-18-06	388.8	413.13	24.33	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	413.13	414.71	1.58	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar. Red staining in bottom 30cm of unit in an almost laminated pattern.
K7-18-06	414.71	420.7	5.99	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas.

K7-18-06	420.7	425.85	5.15	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	425.85	430.58	4.73	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas. narrow sequence of three Smokey quartz veinlets containing minor amounts of sulphides. Overall unit has a negligible sulphide concentration
K7-18-06	430.58	432.12	1.54	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	432.12	435.37	3.25	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas.
K7-18-06	435.37	438.9	3.53	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	438.9	441.3	2.4	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas.
K7-18-06	441.3	443.88	2.58	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	443.88	444.95	1.07	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas. strong sericite alteration and silicification at the bottom 30 cm of unit
K7-18-06	444.95	446.45	1.5	1B	Pillowed Flows	fg to mg mafic , dark green to dark grey unit. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-06	446.45	450	3.55	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along healed fractures in areas.

BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM	Li ppm 0.5 TD-MS
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	42	42.5	0.5	384288					321
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	81	81.54	0.54	384289					> 400
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	117	117.5	0.5	384290					196
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	160	160.5	0.5	384291					212
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	200	200.5	0.5	384292					79.7
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	240	240.5	0.5	384293					55.6
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	280	280.5	0.5	384294					95.6
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	319	319.5	0.5	384295					62.7
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	384	384.5	0.5	384296					31.7
K7-18-06	K7 Zone	Actlabs	A18-00933			Geochem	420	420.5	0.5	384297					85.3
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	122	123	1	384317	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	123	124	1	384318	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	129.57	130.57	1	384319	0.006	6			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Blank	129.57	130.57	1	384320	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	130.57	131	0.43	384321	0.016	16			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	131	131.68	0.68	384322	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	131.68	132.68	1	384323	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	146.28	147	0.72	384324	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	147	148	1	384325	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	148	149	1	384326	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	149	150	1	384327	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	150	151	1	384328	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	151	152	1	384329	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	OREAS 215	151	152	1	384330	3.26	3260			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	152	152.4	0.4	384331	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	152.4	153.15	0.75	384332	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	153.15	154	0.85	384333	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	154	155	1	384334	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	155	156	1	384335	0.012	12			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	156	157	1	384336	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	157	158.2	1.2	384337	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	158.2	158.6	0.4	384338	0.006	6			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Assay	158.6	159.15	0.55	384339	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00815	24/01/2018	05/02/2018	Blank	158.6	159.15	0.55	384340	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	175.89	177	1.11	384341	0.006	6			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	177	178	1	384342	0.007	7			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	192	193	1	384343	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	193	194	1	384344	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	194	195	1	384345	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	195	196	1	384346	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	196	197	1	384347	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	197	198	1	384348	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	198	199	1	384349	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	OREAS 216	198	199	1	384350	6.56	6560			

K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	204	205	1	384351	0.005	5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	207	208	1	384352	0.005	5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	208	209	1	384353	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	209	210	1	384354	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	210	211	1	384355	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	211	212	1	384356	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	212	213	1	384357	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	218.25	219	0.75	384358	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	346	346.83	0.83	384359	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Blank	346	346.83	0.83	384360	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	353.1	354	0.9	384361	0.029	29			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	366	366.42	0.42	384362	0.011	11			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	375	376	1	384363	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	376	377	1	384364	0.007	7			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	377	377.46	0.46	384365	0.013	13			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	377.46	378.1	0.64	384366	0.008	8			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	378.1	379	0.9	384367	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00892	2018-01-26	2018-01-29	Assay	379	380	1	384368	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	428.2	428.85	0.65	384369	0.0025	< 5			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	OREAS 210	428.2	428.85	0.65	384370	5.61	5610			
K7-18-06	K7 Zone	Actlabs	A18-00926	2018-01-29	2018-02-05	Assay	428.85	429.45	0.6	384371	0.0025	< 5			

		Hole Number:		K7-18-07			
		Drill Rig:		HC-150-16			
		Claim Number:		4201089			
Location		Drill Hole Orientation		Dates Drilled:		Start Date:	End Date:
Surface				Jan-25-2018		Jan-30-2018	
Planned Coordinates		Azimuth:	60	Drill Contractor:		Forages Chibougamau Ltée	
Easting	648530			Dates Logged:		Start Date:	End Date:
Northing	5396763	Dip:	-50	Jan-26-2018		Jan-31-2018	
Elevation(m)	410			Logger 1:		Andrew Wehrfritz	
Final Pick up		Depth(m):	429.00	Logger 2:			
Easting				Logger 3:			
Northing		Core Size:	NQ	Assay Lab:		Actlabs	
Elevation(m)							
Casing				Dip Tests			
Purpose of Hole	Regional exploration hole investigating anomalous VLF and Humus Values	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		30.0	60.9	50.9	56594		68.5
Results	Possible zone; mineralized Smokey quartz veinlets containing sulphides from 61.55 to 62 and 70.55 to 71.1. intermittent mineralized Smokey quartz veinlets/stringers sampled throughout hole.	60.0	60.9	50.5	56398		68.5
		90.0	61.3	50.0	56684		68.9
		123.0	61.2	49.5	56396		68.8
		153.0	61.6	49.2	56589		69.2
		183.0	62.6	48.7	56493		70.2
		210.0	63.0	48.7	56407		70.6
		243.0	64.6	48.4	56654		72.2
Comments	GP added shoulder samples 388301-388307.	273.0	64.7	48.4	56362		72.3
		303.0	66.6	48.4	56634		74.2
		333.0	66.4	48.3	56408		74
		363.0	67.9	48.0	56260		75.5
		405.0	66.6	48.2	56361		74.2
		429.0	69.4	48.1	55019		77
			-7.6				
Azimuth corrected to 7.6 degrees west declination			-7.6				
			-7.6				
			-7.6				
			-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-18-07	0	7.6	7.6	OVB	Overburden	
K7-18-07	7.6	12.5	4.9	1B	Pillowed Flows	9m casing. fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	12.5	28	15.5	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Various degrees of silicification and quartz stringers/veinlets throughout unit. Quartz stringers associated with blebby to disseminated sulphides in sections. Sulphide concentration picks up at 22m up to 1% disseminated. 22.9 to 23.2 there is a high degree of silicification. 20 to 21 visible calcite vein with a vuggy texture associate with euhedral pyrite
K7-18-07	28	36.05	8.05	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Occasional orange band associated with carbonates.
K7-18-07	36.05	52.33	16.28	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including some fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Various degrees of silicification and quartz stringers/veinlets throughout unit. Quartz stringers associated with blebby to disseminated sulphides in sections. approx. .75% disseminated sulphides overall disseminated / stringers. From 38.22 to 39 there is a high degree of silicification. Heavy light green sericite alteration from 49.5 to 50m. centimetric mafic break off fragments occasionally visible.
K7-18-07	52.33	68.37	16.04	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Banded section of po from 61.65 to 61.75.
K7-18-07	68.37	70.88	2.51	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. 20 cm section of silicification from 70.68 to 70.88 associated with pyrrhotite stringers and negligible amounts of chalcopyrite
K7-18-07	70.88	76.26	5.38	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	76.26	77.38	1.12	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are highly strained, fragments of mafic material observed as well.
K7-18-07	77.38	84.25	6.87	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	84.25	85.25	1	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are highly strained, fragments of mafic material observed as well.
K7-18-07	85.25	93.8	8.55	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar. Red staining in bottom 30cm of unit in an almost laminated pattern.
K7-18-07	93.8	97.05	3.25	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	97.05	100.85	3.8	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar. Red staining present.
K7-18-07	100.85	104.2	3.35	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.

K7-18-07	104.2	110.51	6.31	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Orange banding intermittently; associated with carbonate veinlets.
K7-18-07	110.51	113.2	2.69	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	113.2	115.81	2.61	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Orange banding intermittently; associated with carbonate veinlets.
K7-18-07	115.81	119.8	3.99	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar.
K7-18-07	119.8	121.32	1.52	1B	Pillowed Flows	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Orange banding intermittently; associated with carbonate veinlets
K7-18-07	121.32	123.55	2.23	4E	Pegmatite	light grey to pale pink, cg; felsic, composed of : quartz, muscovite and feldspar.
K7-18-07	123.55	139.3	15.75	1B	Pillowed Flows	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	139.3	146.15	6.85	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	146.15	153.38	7.23	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Minor quartz veinlets/stringers/wisps, sometimes associated with blebby pv and cpv. <<1% sulphides across unit.
K7-18-07	153.38	157.47	4.09	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	157.47	158.55	1.08	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Minor disseminated sulphides <<1%. Minor banded Biotite alteration
K7-18-07	158.55	164.6	6.05	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. large Smokey quartz vein at the top of the unit. Minor Sulphides <<1%. Minor quartz veinlets intermittently throughout, some associated with blebby sulphides.
K7-18-07	164.6	171.55	6.95	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Minor quartz veinlets intermittently throughout, some associated with blebby sulphides.
K7-18-07	171.55	178.42	6.87	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	178.42	198.96	20.54	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Banded biotite alteration. Smokey quartz veinlets intermittently throughout; some associate with minor blebby sulphides (191.5m)

K7-18-07	198.96	202.36	3.4	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Disseminated sulphides; up to 1% from 201.65 to 201.95. Banded texture and increased amount of silicification in the bottom 20 cm of the unit.
K7-18-07	202.36	216.26	13.9	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Banded biotite alteration. Smokey quartz veinlets intermittently throughout; cpy at 202.46m. Fracture zone from 207.5 to 208
K7-18-07	216.26	218.95	2.69	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, significant light green sericite alteration along healed fractures as well as silicification and blebby sulphides.
K7-18-07	218.95	226.3	7.35	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Banded biotite alteration. Smokey quartz veinlets intermittently throughout; cpy at 220.7
K7-18-07	226.3	230.95	4.65	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, significant light green sericite alteration along healed fractures as well as silicification and blebby sulphides. Significant quartz veining/veinlets/stringers in this this unit; barren of sulphides, Smokey to white in colour; see veining tab for further details.
K7-18-07	230.95	254.92	23.97	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Banded biotite alteration. Smokey quartz veinlets intermittently throughout; po at 244.5
K7-18-07	254.92	286.5	31.58	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Disseminated sulphides and minor silicification after approx. 269m. Smokey quartz vein with associated sulphides at 570.65; py, minor cpy
K7-18-07	286.5	288.9	2.4	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	288.9	292.66	3.76	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures.
K7-18-07	292.66	296.03	3.37	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Highly silicified white to grey section with a brecciated texture from 293.7 to 293.8
K7-18-07	296.03	297.9	1.87	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification
K7-18-07	297.9	315.37	17.47	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. quartz veinlets at 312 associated with minor cpy and py
K7-18-07	315.37	317.8	2.43	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification
K7-18-07	317.8	319.9	2.1	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.


K7-18-07	319.9	323.55	3.65	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification, disseminated sulphides (approx. .1%). Pink potassic alteration on some of the feldspar phenocrysts.
K7-18-07	323.55	324.58	1.03	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	324.58	326.7	2.12	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification, disseminated sulphides (approx. .2%).
K7-18-07	326.7	329.05	2.35	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	329.05	330.95	1.9	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification
K7-18-07	330.95	340.25	9.3	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	340.25	343.95	3.7	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification.
K7-18-07	343.95	349.97	6.02	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	349.97	357.35	7.38	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Minor silicification. Disseminated sulphides .2%
K7-18-07	357.35	360.26	2.91	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated to blebby sulphides. Cpy visible at 357.6
K7-18-07	360.26	363.2	2.94	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. narrow sections of 1b at the base of the unit some of which contain blebby sulphides in small quantities.
K7-18-07	363.2	366.85	3.65	6E	Intermediate Dyke	mg, dark grey rock composed of mg felsic, minor foliated biotite and minor disseminated sulphides. Vuggy texture in areas. Possible 4B unit. Small sections of 1B pillows and grano diorite. Granodiorite is potassic ally altered and stained pink. Moderate amount of natural fractures.
K7-18-07	366.85	377.93	11.08	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Disseminated sulphides approx. .2 % and minor Smokey quartz stringers
K7-18-07	377.93	383	5.07	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Minor blebby sulphides, banded biotite alteration and Smokey quartz veinlets intermittently.
K7-18-07	383	389.1	6.1	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. healed fractures with pink to light grey alteration halos as well. Purple hue intensifies after 388 and phenocrysts become more strained.

K7-18-07	389.1	392.3	3.2	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Disseminated to blebby sulphides approx. .5% overall., Smokey quartz veinlets intermittently.
K7-18-07	392.3	408.2	15.9	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Quartz vein at 395.88 ; Smokey quartz veinlets intermittently. Healed fractures with pink to light grey alteration halos. Silicified section from 398.5 399.
K7-18-07	408.2	410.5	2.3	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. quartz veinlets intermittently some of which associated with disseminated sulphides. <1% overall
K7-18-07	410.5	416	5.5	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Disseminated sulphides and intermittent Smokey quartz veins.
K7-18-07	416	420.75	4.75	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries.
K7-18-07	420.75	425.75	5	4B	Feldspar Porphyry	fg to mg grey felsic rock with a purple hue. Feldspar phenocrysts in a finer grained felsic ground mass including a significant portion of fg foliated biotite. Feldspar phenocrysts are moderately to highly strained, minor light green sericite alteration along occasional healed fractures. Small sections of pillow units.
K7-18-07	425.75	429	3.25	1B	Pillowed Flows	fg, dark grey and dark green rock with minor foliation. Light green banded texture intermittently (chlorite/epidote). Some lighter green sections are rounded with irregular boundaries. Small sections of feldspar porphyry.
						EOH

BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM	Li ppm 0.5 TD-MS
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	36.05	36.6	0.55	384298					102
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	79	79.5	0.5	384299					80
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	120	120.5	0.5	384300					172
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	165	165.5	0.5	263451					95.3
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	207	207.5	0.5	263452					41
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	240	240.5	0.5	263453					37.4
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	282	282.5	0.5	263454					38.4
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	320	320.5	0.5	263455					32.3
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	359.5	360	0.5	263456					36.4
K7-18-07	K7 Zone	Actlabs	A18-01301			Geochem	400	400.5	0.5	263457					57.1
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	20	21	1	384372	0.005	5			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	21	22	1	384373	0.006	6			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	22	23	1	384374	0.019	19			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	23	24	1	384375	0.049	49			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	24	25	1	384376	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	25	26	1	384377	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	26	27	1	384378	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	27	28	1	384379	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Blank			1	384380	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	38.07	39	0.93	384381	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	39	40	1	384382	0.01	10			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	40	41	1	384383	0.013	13			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	41	42	1	384384	0.034	34			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	42	43	1	384385	0.02	20			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	48.17	49.17	1	384386	0.006	6			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	49.17	50.17	1	384387	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	50.17	51.17	1	384388	0.017	17			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	51.17	52.33	1.16	384389	0.017	17			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	OREAS 215			1.16	384390	3.57	3570			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	61.55	62	0.45	384391	0.015	15			
K7-18-07	K7 Zone	Actlabs	A18-00924	29-Jan-18	31-Jan-18	Assay	70.55	71.1	0.55	384392	0.497	497			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	146.75	147.75	1	384393	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	157.47	158	0.53	384394	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-00949	29-Jan-18	05-Feb-18	Assay	159	159.5	0.5	384395	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	162	162.7	0.7	384396	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	169	170	1	384397	0.009	9			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	170	170.75	0.75	384398	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	170.75	171.21	0.46	384399	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Blank			0.46	384400	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	179.05	179.4	0.35	384401	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	182.34	183.13	0.79	384402	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	184	185	1	384403	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	190	191	1	384404	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	191	192	1	384405	0.0025	< 5			

K7-18-07	K7 Zone	Actlabs	A18-01065	30-Jan-18	05-Feb-18	Assay	201.36	202.36	1	384406	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	202.36	203.36	1	384407	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	211.77	212.38	0.61	384408	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	215.26	216.26	1	384409	0.008	8			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	OREAS 210			1	384410	5.63	5630			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	216.26	217.27	1.01	384411	0.008	8			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	217.27	218	0.73	384412	0.019	19			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	218	218.95	0.95	384413	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	218.95	220	1.05	384414	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	220	221	1	384415	0.024	24			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	221	222	1	384416	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	228	229	1	384417	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	02-Feb-18	13-Feb-18	Assay	229	229.6	0.6	384418	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	02-Feb-18	13-Feb-18	Assay	229.6	230.5	0.9	384419	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	02-Feb-18	13-Feb-18	Blank			0.9	384420	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	02-Feb-18	13-Feb-18	Assay	238	238.6	0.6	384421	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	02-Feb-18	13-Feb-18	Assay	244	245	1	384422	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	267	268	1	384423	0.264	264			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	268	269	1	384424	0.189	189			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	269	270	1	384425	0.173	173			
K7-18-07	K7 Zone	Actlabs	A18-01195	02-Feb-18	12-Feb-18	Assay	283.35	284	0.65	384426	0.056	56			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	302.4	302.78	0.38	384427	0.006	6			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	311.37	312	0.63	384428	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	324.58	325.5	0.92	384429	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	OREAS 215			0.92	384430	3.37	3370			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	325.5	326.7	1.2	384431	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	353	354	1	384432	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	354	355	1	384433	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	355	356	1	384434	0.022	22			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	356	357.35	1.35	384435	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	361.95	362.4	0.45	384436	0.008	8			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	362.4	362.74	0.34	384437	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	362.74	363.2	0.46	384438	0.012	12			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	363.2	364	0.8	384439	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Blank			0.8	384440	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	366.85	368	1.15	384441	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01133	01-Feb-18	09-Feb-18	Assay	357.35	358	0.65	384442	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	368	369	1	384443	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	369	370	1	384444	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	370	371	1	384445	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	379	380	1	384446	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	380	381	1	384447	0.017	17			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	381	381.8	0.8	384448	0.013	13			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	381.8	382.4	0.6	384449	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	OREAS 216			0.6	384450	6.68	6680			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	382.4	383	0.6	384451	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	389.1	389.75	0.65	384452	0.013	13			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	389.75	390.62	0.87	384453	0.01	10			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	394	395	1	384454	0.0025	< 5			

K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	409.5	410.5	1	384455	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	410.5	411.5	1	384456	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	411.5	412.5	1	384457	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	412.5	413.4	0.9	384458	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	413.4	414.08	0.68	384459	0.015	15			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Blank			0.68	384460	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	414.08	415	0.92	384461	0.02	20			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	415	415.95	0.95	384462	0.018	18			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	415.95	417	1.05	384463	0.03	30			
K7-18-07	K7 Zone	Actlabs	A18-01236	05-Feb-18	13-Feb-18	Assay	417	417.63	0.63	384464	0.007	7			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	264	265	1	384649	0.037	37			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	OREAS 215			1	384650	3.47	3470			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	265	266	1	384651	0.17	170			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	266	267	1	384652	0.018	18			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	270	271	1	384653	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	271	272	1	384654	0.038	38			
K7-18-07	K7 Zone	Actlabs	A18-01892	20-Feb-18	23-Feb-18	Assay	272	273	1	384655	0.0025	< 5			
K7-18-07	K7 Zone	Actlabs				Assay	67.4	68.36	0.96	388301					
K7-18-07	K7 Zone	Actlabs				Assay	68.36	69	0.64	388302					
K7-18-07	K7 Zone	Actlabs				Assay	69	69.87	0.87	388303					
K7-18-07	K7 Zone	Actlabs				Assay	69.87	70.55	0.68	388304					
K7-18-07	K7 Zone	Actlabs				Assay	71.1	72.15	1.05	388305					
K7-18-07	K7 Zone	Actlabs				Assay	72.15	73.18	1.03	388306					
K7-18-07	K7 Zone	Actlabs				Assay	73.18	74.02	0.84	388307					

		Hole Number:		K7-19-08			
		Drill Rig:		HC-150-11			
		Claim Number:					
Location		Drill Hole Orientation		Dates Drilled:	Start Date:		End Date:
Surface					13-Mar-2019		19-Mar-2019
Planned Coordinates		Azimuth:	60	Drill Contractor:	Forages Chibougamau Ltée		
Easting	648376						
Northing	5396385	Dip:	-50	Dates Logged:	Start Date:		End Date:
levation(m)					14-Mar-2019		20-Mar-2019
Final Pick up		Depth(m):	393.00	Logger 1:	Josh Zundl		
Easting					Logger 2:	Andrew Wehrfritz	
Northing		Core Size:	NQ	Logger 3:			
levation(m)					Assay Lab:		
Casing							
Purpose of Hole	Exploration of southern K7	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	The majority of the hole (especially after the 115m mark) had trace-2% sulfides - primarily pyrite. Notable areas containing more sulfides found at 135.46-136.44m and 361.61-370.74m in pillowed flows	21.0	182.5	-49.6	58561		190.1
		33.0	66.2	-49.6	55441		73.8
		63.0	57.0	-48.1	56887		64.6
		93.0	59.6	-47.7	56248		67.2
		123.0	59.5	-46.9	56288		67.1
		153.0	58.4	-46.4	56079		66
		183.0	58.7	-45.9	55579		66.3
		213.0	60.8	-45.5	56097		68.4
		243.0	58.7	-45.1	56242		66.3
		Comments	Andrew logged from 247 to 311m.	273.0	60.3	-45.1	56051
303.0	60.8			-44.6	56076		68.4
333.0	59.4			-43.8	56234		67
363.0	62.9			-43.5	57262		70.5
393.0	60.8			-43.1	56256		68.4
Azimuth corrected to 7.6 degrees west declination			-7.6				
			-7.6				
			-7.6				
			-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-19-08	0	4.37	4.37	OVB	Overburden	
K7-19-08	4.37	5.21	0.84	1A	Massive Flows	Dark grey; FG; mod fol; str per bi; alb banding with biotite from 4.92-LC containing 3% PY
K7-19-08	5.21	7.1	1.89	3A	Greywacke	Light/Dark grey/white; FG-MG; mod fol; mod interstitial/stringer bi; weak interstitial MG hornblende; mod alb banding/bedding?; mod bedding of alteration with various grey clay minerals; barren
K7-19-08	7.1	14	6.9	1H	Mafic Tuff	Dark grey; FG; mod fol; mod bedding of different shades of grey; str localized magnetism (8.90-9.00m/11.41-12.20m); str per chl; mod interstitial/banded bi; weak qtz veinlets/patches with a large patch from 11.17-11.41m; weak alb banding; 1% PO in large qtz patch. Has gradational contact as LC from 13.82-14.00m
K7-19-08	14	15.74	1.74	3A	Greywacke	Light/Dark grey/white; FG-MG; mod fol; str interstitial/stringer bi; weak interstitial MG hornblende; mod alb banding/bedding; mod bedding of alteration with various grey clay minerals/chl as well as 5-10cm bands/beds of alb/qtz; 1% PY in first meter of unit. Unit has more irregular foliation than previous 3A unit - is more clastic like following 3C
K7-19-08	15.74	16.98	1.24	5B	Granodiorite	White/grey; FG-MG; weak fol; mod interstitial bi; weak interstitial MG hornblende grains; weak alb/qtz veinlets; 1% PY/trace PO
K7-19-08	16.98	26.18	9.2	3C	Conglomerate	Light/Dark grey/white; FG-very CG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; weak-mod irregular bedding of alteration with various grey clay minerals/chl; Polymictic; volcanoclastic; mod-str large clasts up to 6cm diameter primarily composed of various felsic minerals/rocks; barren. Contains 2 minors 5B
K7-19-08	26.18	30.47	4.29	3C	Conglomerate	Light/Dark grey/white; FG-CG; mod fol; str-very str interstitial/stringer bi; mod alb banding/bedding; weak-mod irregular bedding of alteration with various grey clay minerals/chl; Polymictic; volcanoclastic; mod-str large clasts up to 3cm diameter primarily composed of various felsic minerals/rocks; mod speckled grt; barren.
K7-19-08	30.47	37.91	7.44	3C	Conglomerate	Light/Dark grey/white; FG-CG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; mod bedding of alteration with various grey clay minerals/chl - less irregular than above unit until last meter; Polymictic; volcanoclastic; mod-str large clasts up to 4cm diameter primarily composed of various felsic minerals/rocks; barren. Contains minor 5B
K7-19-08	37.91	41.55	3.64	3A	Greywacke	Light/Dark grey/white; FG-MG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; str bedding of alteration with various grey clay minerals/chl; contains several units of 5B not large enough to be minors with trace PY in one from 39.20-39.40m; contains trace clasts from surrounding 3C units
K7-19-08	41.55	46.72	5.17	3C	Conglomerate	Light/Dark grey/white; FG-CG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; mod irregular bedding of alteration with various grey clay minerals/chl; Polymictic; volcanoclastic; mod-str clasts up to 3cm diameter primarily composed of various felsic minerals/rocks; barren.
K7-19-08	46.72	57.49	10.77	3A	Greywacke	Light/Dark grey/white; FG-MG; mod-str fol; str interstitial/stringer bi; mod alb banding/bedding; weak bedding of alteration with various grey clay minerals/chl; str per chl/bi in most of the unit; contains weak clasts from surrounding 3C units - elongated; barren. Contains 2 minors 3C
K7-19-08	57.49	59.84	2.35	3C	Conglomerate	Light/Dark grey/white; FG-CG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; mod irregular bedding of alteration with various grey clay minerals/chl; str pervasive chl/bi in groundmass; Polymictic; volcanoclastic; mod-str clasts up to 3cm diameter primarily composed of various felsic minerals/rocks; barren.
K7-19-08	59.84	66.73	6.89	3C	Conglomerate	Light/Dark grey/white; FG-MG; mod fol; mod interstitial bi; weak alb banding/bedding; weak bedding of alteration with various grey clay minerals/chl; mod pervasive chl/bi; Polymictic; volcanoclastic; weak elongated clasts up to 1cm diameter(width) primarily composed of various felsic minerals/rocks; barren.
K7-19-08	66.73	73.02	6.29	3C	Conglomerate	Light/Dark grey/white; FG-MG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; mod bedding of alteration with various grey clay minerals/chl; contains areas of spread out small clasts and weak bedding; mod pervasive chl/bi in groundmass; Polymictic; volcanoclastic; weak-mod clasts up to 2cm diameter primarily composed of various felsic minerals/rocks; barren.

K7-19-08	73.02	74.58	1.56	3A	Greywacke	Light/Dark grey/white; FG-MG; mod fol; str interstitial/stringer bi; mod alb banding/bedding; mod bedding of alteration with various grey clay minerals/chl; mod per chl/bi in most of the unit; contains several small 5B units with large felsic grains with interstitial bi; 0.5% PY
K7-19-08	74.58	95.16	20.58	3C	Conglomerate	Light/Dark grey/white; FG-MG; mod fol; str interstitial bi; weak alb banding/bedding; weak-mod bedding of alteration with various grey clay minerals/chl; mod pervasive chl/bi; Polymictic; volcanoclastic; trace speckled grt; weak elongated clasts up to 2cm diameter(width) primarily composed of various felsic minerals/rocks; 0.5% PY disseminated fairly evenly throughout the unit from 85m-end. Contains a minor 5B
K7-19-08	95.16	112.07	16.91	4E	Pegmatite	White/grey/pink; CG; no fol; 20% k-spar; 40% white felds; 30% pyroxenes/amph; 5% msc; weak stringer grt/syenite; barren
K7-19-08	112.07	115.31	3.24	4B	Feldspar Porphyry	Purple/grey; FG-MG; mod fol; mod interstitial bi; weak shearing; weak qtz veinlets/veins; contains small section of 5B; mod alb banding; weak hydrothermal pressure fractures with mod ser flooding in first meter; <5% phenos; mod sil; contains several small mafic sections; 0.5% PY in alb banding
K7-19-08	115.31	122.63	7.32	1A	Massive Flows	Green/brown; FG; mod fol; mod per chl; mod interstitial/banded bi; weak qtz/car patches/veinlets; weak wispy ser/act banding; contains 2 minors 4B; trace PY near contacts with various 4B units
K7-19-08	122.63	135.46	12.83	4B	Feldspar Porphyry	Purple/grey; FG-MG; mod fol; mod interstitial bi; weak shearing; mod qtz veinlets/veins; contains a small section of 5B; mod alb banding; trace hydrothermal pressure fractures with trace ser flooding in first meter; <5% phenos; mod sil; contains several small mafic sections; 0.5% PY in alb banding - up to 1% PY for the last meter
K7-19-08	135.46	136.44	0.98	1A	Massive Flows	Green/brown; FG-MG; mod fol; mod per chl; str interstitial bi; weak wispy ser/act/car banding; 4% PY disseminated throughout unit
K7-19-08	136.44	138.05	1.61	4B	Feldspar Porphyry	Purple/grey; FG-MG; mod fol; mod interstitial/stringer bi; weak shearing; mod qtz veinlets; mod alb banding; mod ser patches; <5% phenos; mod sil; 1% PY
K7-19-08	138.05	140.48	2.43	4B	Feldspar Porphyry	Purple/grey; FG-MG; mod fol; mod interstitial/stringers bi; weak shearing; mod qtz veinlets; weak alb banding; mod ser patches; 10% phenos; mod sil; trace ser patches; mod tiny fracture lines that have been healed with bi - creating a brecciated look that has been silicified; 0.5% PY
K7-19-08	140.48	142.21	1.73	1A	Massive Flows	40% small 4B units similar to surrounding but with str qtz veinlets. Green/grey/purple; FG; no fol; str qtz veinlets; mod-str interstitial bi; mod per chl; unit is a blend of chl/bi/4B/alb/qtz vein that contact each other in a ribboned/boudinaged/irregular texture - foliation is indistinguishable due to the collection of textures; 3%PY
K7-19-08	142.21	143.93	1.72	4B	Feldspar Porphyry	Purple/grey; FG-MG; mod fol; mod interstitial/stringer bi; mod stringer chl; mod fractures throughout unit that have been healed with bi/chl - fractures generally follow foliation and the small ones have been silicified (under 1cm); weak shearing; mod qtz veinlets; mod alb banding; <5% phenos; mod sil; 1% PY
K7-19-08	143.93	145.08	1.15	1A	Massive Flows	light/dark Green/grey; FG-MG; no fol; mod interstitial/patchy bi; mod per chl; mod sil; unit is a blend of chl/bi/ser/qtz vein that contact each other in a patchy/irregular/augen (around the patches) texture- foliation is indistinguishable due to the collection of textures; 0.5%PY
K7-19-08	145.08	146.18	1.1	1A	Massive Flows	Green; FG-MG; mod fol; weak qtz veinlets; weak ser stringers; mod interstitial bi; barren
K7-19-08	146.18	193.94	47.76	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 10% as shearing changes; 2% local qtz phenos; contains a 5B minor and 2 4B minors; trace msc; 1-2% PY disseminated pretty consistently throughout unit; trace dark sulfide (possible sphalerite) from 179.00-183.00m). Larger grained unsheared sections appear to have more PY (closer to the 2%) - see the 2 minors. Banded mafics/alb/qtz from 173.87-174.13 with 1% PY - too small to be a minor
K7-19-08	193.94	226.63	32.69	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes; 0.5% PY disseminated throughout unit - begins dropping to trace amounts by 210m mark. Contains a section of chl/ser/qtz from 196.39-196.58m with 1% PY

K7-19-08	226.63	228.88	2.25	5B	Granodiorite	White/grey; FG-MG; weak fol; mod interstitial bi; mod interstitial amph/pyroxenes; weak ser flooding; contains a minor 4B; barren
K7-19-08	228.88	239.14	10.26	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; weak pressure fractures with weak ser flooding; feldspar phenos range from <5% - 15% as shearing changes; contains 6E minor; barren
K7-19-08	239.14	249.88	10.74	1A	Massive Flows	Green/brown; FG; mod fol; mod per chl; mod interstitial/banded bi; mod qtz veins/veinlets; weak wispy ser/act banding - stronger banding for first 20cm; contains a minor 5B; first 20cm have .5% PY and qtz/felds vein 242.28-242.46m has 2%PO/2%PY
K7-19-08	249.88	250.98	1.1	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes
K7-19-08	250.98	253.06	2.08	1A	Massive Flows	light/dark Green/grey; FG-MG; mafic unit with minor fol; minor interstitial/patchy biotite with intermittent quartz/carb stringers
K7-19-08	253.06	255.83	2.77	4E	Pegmatite	cg to vcg, light grey felsic unit with a massive texture. Unit is composed predominately of smoky quartz and white feldspar along with intermittent millimetric sized books of muscovite.
K7-19-08	255.83	259.35	3.52	1A	Massive Flows	light/dark Green/grey; FG-MG; mafic unit with minor fol; minor interstitial/patchy biotite with intermittent quartz/carb stringers
K7-19-08	259.35	269.42	10.07	1B	Pillowed Flows	light/dark Green/grey; FG-MG; mafic unit with minor to moderate fol; minor to moderate interstitial/patchy biotite with intermittent quartz/carb stringers. Light and darker green alteration bands composed of epidote and chlorite throughout. Intermittent blebs of pyrite throughout (<1% overall)
K7-19-08	269.42	270.93	1.51	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes
K7-19-08	270.93	284.55	13.62	1B	Pillowed Flows	light/dark Green/grey; FG-MG; mafic unit with minor to moderate fol; minor to moderate interstitial/patchy biotite with intermittent quartz/carb stringers. Light and darker green alteration bands composed of epidote and chlorite throughout. Intermittent blebby sulphides; large cpy and po blebs at 277m; blebby po from 277.5 to 281; up to 1%.
K7-19-08	284.55	292.06	7.51	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes
K7-19-08	292.06	295	2.94	4E	Pegmatite	cg to vcg, light grey felsic unit with a massive texture. Unit is composed predominately of smoky quartz and white feldspar along with intermittent millimetric sized books of muscovite.
K7-19-08	295	297.52	2.52	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes
K7-19-08	297.52	299.95	2.43	1B	Pillowed Flows	light/dark Green/grey; FG-MG; mafic unit with minor to moderate fol; minor to moderate interstitial/patchy biotite with intermittent quartz/carb stringers. Light and darker green alteration bands composed of epidote and chlorite throughout
K7-19-08	299.95	307.68	7.73	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes. Quartz vein from 307.27 to 307.38 containing up to 2% blebby po and py
K7-19-08	307.68	308.82	1.14	1B	Pillowed Flows	light/dark Green/grey; FG-MG; mafic unit with minor to moderate fol; minor to moderate interstitial/patchy biotite with intermittent quartz/carb stringers. Light and darker green alteration bands composed of epidote and chlorite throughout
K7-19-08	308.82	323.37	14.55	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; minor to mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 15% as shearing changes; has 3 1B minors. Barren with sulfides found in the minors
K7-19-08	323.37	327.43	4.06	1B	Pillowed Flows	Green/grey; FG; mod fol; mod per chl; mod interstitial bi; mod wispy ser bleaching; trace car veinlets; weak qtz veins; trace PY


K7-19-08	327.43	335.08	7.65	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; feldspar phenos range from <5% - 10% as shearing changes; has several small units 1B/6B; 0.5% PY
K7-19-08	335.08	345.99	10.91	1B	Pillowed Flows	Green/grey; FG; mod fol with weak boudinaged bleaching; mod per chl; mod interstitial/patchy bi; mod chl altered selvages up to 1cm; mod-str wispy ser bleaching with trace k-spar alteration; weak car veinlets; mod qtz veinlets/veins; contains a minor 4B; barren
K7-19-08	345.99	347.52	1.53	4E	Pegmatite	white/black/smoky; CG; no fol; weak msc; mod speckled grt; 30% smoky qtz; 40% white felds; 20% mafics; barren
K7-19-08	347.52	350.56	3.04	1A	Massive Flows	Green/grey; FG; mod fol; mod per chl; mod interstitial bi; mod wispy ser bleaching with trace k-spar; trace car veinlets; weak qtz veins; trace PO
K7-19-08	350.56	353.55	2.99	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; local weak shearing; 10% feldspar phenos; contains minor 1B; barren
K7-19-08	353.55	356.17	2.62	1B	Pillowed Flows	Green/grey; FG; mod fol with weak boudinaged bleaching; mod per chl; mod interstitial/patchy bi; weak chl altered selvages up to 1cm; mod wispy ser bleaching; weak hairpin fractures; weak car/qtz veinlets; contains a small 4B unit; 0.5% PO
K7-19-08	356.17	361.61	5.44	4B	Feldspar Porphyry	Purple/grey/green; FG-MG; mod fol; mod sil; weak-mod alb bands/qtz veinlets; mod interstitial bi; weak shearing; 5% feldspar phenos; str hydrothermal pressure fractures with mod ser flooding; trace PY
K7-19-08	361.61	370.74	9.13	1B	Pillowed Flows	Green/grey; FG; mod fol with weak boudinaged bleaching; mod per chl; mod-str interstitial/banded bi; mod chl altered selvages up to 1cm; mod-str wispy ser bleaching; weak-mod car/qtz veinlets; contains a minor 4B and 5B; 2% PO/PY in bleaching/qtz veinlets
K7-19-08	370.74	384.45	13.71	1B	Pillowed Flows	Green/grey; FG; mod fol; mod per chl; mod interstitial/patchy bi; weak chl altered selvages up to 1cm; mod wispy ser bleaching - str 379.60-381m with mod k-spar alteration; weak car/qtz veinlets; contains 2 minors 4B; 0.5% PO
K7-19-08	384.45	385.75	1.3	4B	Feldspar Porphyry	Purple/grey/white; FG-MG; mod fol; mod sil; mod-str alb bands; mod interstitial bi; weak shearing; 5% feldspar phenos; trace PY
K7-19-08	385.75	393	7.25	1B	Pillowed Flows	Green/grey; FG; mod fol; mod per chl; mod interstitial bi; weak chl altered selvages up to 1cm; mod wispy ser bleaching; weak car/qtz veinlets; one large qtz vein; 0.5% PY

BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	111.07	112.07	1	785368	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	112.07	112.8	0.73	785369	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 215			0	785370	3.64	3640		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	112.8	113.6	0.8	785371	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	113.6	114.39	0.79	785372	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	114.39	115.31	0.92	785373	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	115.31	115.95	0.64	785374	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	115.95	116.35	0.4	785375	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	116.35	117.35	1	785376	0.007	7		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	121.63	122.63	1	785377	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	122.63	123.55	0.92	785378	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	123.55	124.5	0.95	785379	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				785380	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	124.5	125.41	0.91	785381	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	125.41	125.71	0.3	785382	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	125.71	126.65	0.94	785383	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	126.65	127.65	1	785384	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	127.65	128.65	1	785385	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	128.65	129.35	0.7	785386	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	129.35	129.65	0.3	785387	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	129.65	130.65	1	785388	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	130.65	131.65	1	785389	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 210				785390	5.64	5640		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	131.65	132.65	1	785391	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	132.65	133.65	1	785392	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	133.65	134.65	1	785393	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	134.65	135.46	0.81	785394	0.008	8		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	135.46	136.44	0.98	785395	0.052	52		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	136.44	137.44	1	785396	0.018	18		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	137.44	138.2	0.76	785397	0.016	16		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	138.2	139	0.8	785398	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	139	139.8	0.8	785399	0.018	18		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				785400	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	139.8	140.48	0.68	783593	0.007	7		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	140.48	141.39	0.91	783594	0.078	78		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	141.39	142.21	0.82	783595	0.631	631		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	142.21	143.1	0.89	783596	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	143.1	143.93	0.83	783597	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	143.93	144.5	0.57	783598	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	144.5	145.08	0.58	783599	0.01	10		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 210				783600	5.63	5630		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	145.08	145.55	0.47	783601	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	145.55	146.18	0.63	783602	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	146.18	147	0.82	783603	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	147	148	1	783604	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	148	149	1	783605	0.053	53		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	149	150	1	783606	0.015	15		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	150	151	1	783607	0.007	7		

K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	151	152	1	783608	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	152	153	1	783609	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 216				783610	6.81	6810		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	153	154	1	783611	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	154	155	1	783612	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	155	156	1	783613	0.036	36		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	156	157	1	783614	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	157	158	1	783615	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	158	159	1	783616	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	159	160	1	783617	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	160	161	1	783618	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	161	162	1	783619	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783620	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	162	163	1	783621	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	163	164	1	783622	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	164	165	1	783623	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	165	166	1	783624	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	166	167	1	783625	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	167	168	1	783626	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	168	169	1	783627	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	169	169.72	0.72	783628	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	169.72	170.72	1	783629	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 215				783630	3.64	3640		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	170.72	171.22	0.5	783631	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	171.22	172	0.78	783632	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	172	173	1	783633	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	173	173.85	0.85	783634	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	173.85	174.15	0.3	783635	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	174.15	175	0.85	783636	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	175	176	1	783637	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	176	177	1	783638	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	177	178	1	783639	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783640	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	178	179	1	783641	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay+Geochem	179	180	1	783642	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay+Geochem	180	181	1	783643	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay+Geochem	181	182	1	783644	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay+Geochem	182	183	1	783645	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	183	184	1	783646	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	184	185	1	783647	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	185	186	1	783648	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	186	186.45	0.45	783649	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 210				783650	5.7	5700		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	186.45	186.81	0.36	783651	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	186.81	187.5	0.69	783652	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	187.5	188.17	0.67	783653	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	188.17	188.56	0.39	783654	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	188.56	189.5	0.94	783655	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	189.5	190.4	0.9	783656	0.0025	< 5		

K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	190.4	191.2	0.8	783657	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	191.2	191.58	0.38	783658	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	191.58	192.4	0.82	783659	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783660	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	192.4	193.2	0.8	783661	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	193.2	193.94	0.74	783662	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	193.94	194.5	0.56	783663	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	194.5	195	0.5	783664	0.008	8		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	195	196	1	783665	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	196	196.3	0.3	783666	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	196.3	196.6	0.3	783667	0.009	9		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	196.6	197	0.4	783668	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	197	198	1	783669	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 216				783670	6.86	6860		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	241.25	242.25	1	783671	0.014	14		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	242.25	242.55	0.3	783672	0.015	15		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	242.55	243.55	1	783673	0.006	6		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	306	307	1	783674	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	307	307.68	0.68	783675	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	307.68	308.2	0.52	783676	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay+Geochem	276.75	277.5	0.75	783677	0.01	10		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	277.5	278.5	1	783678	0.008	8		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	278.5	279.5	1	783679	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783680	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	279.5	280	0.5	783681	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	280	281	1	783682	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	318.4	319.4	1	783683	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	319.4	320.07	0.67	783684	0.026	26		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	320.07	320.9	0.83	783685	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	320.9	321.76	0.86	783686	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	321.76	322.26	0.5	783687	0.006	6		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	322.26	323.26	1	783688	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	326.43	327.43	1	783689	0.006	6		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 215				783690	3.67	3670		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	327.43	328.21	0.78	783691	0.034	34		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	328.21	328.51	0.3	783692	0.141	141		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	328.51	329.17	0.66	783693	0.007	7		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	329.17	330.17	1	783694	0.007	7		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	330.17	331.17	1	783695	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	331.17	332.17	1	783696	0.012	12		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	332.17	333.1	0.93	783697	0.033	33		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	333.1	334.1	1	783698	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	334.1	335.08	0.98	783699	0.006	6		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783700	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	335.08	336.08	1	783701	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	354.17	355.17	1	783702	0.085	85		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	355.17	356.17	1	783703	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	356.17	357.17	1	783704	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	362.94	363.94	1	783705	0.005	5		

K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	363.94	364.4	0.46	783706	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	364.4	365.3	0.9	783707	0.009	9		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	365.3	366.07	0.77	783708	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	366.07	366.38	0.31	783709	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	OREAS 210				783710	5.64	5640		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	366.38	367.2	0.82	783711	0.008	8		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	367.2	368	0.8	783712	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	368	369	1	783713	0.014	14		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	369	370	1	783714	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	370	371	1	783715	0.007	7		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	371	371.92	0.92	783716	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	371.92	372.22	0.3	783717	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	372.22	373.22	1	783718	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	378	379	1	783719	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Blank				783720	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	379	380	1	783721	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	380	380.82	0.82	783722	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	380.82	381.26	0.44	783723	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	381.26	381.57	0.31	783724	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	381.57	382.55	0.98	783725	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	382.55	383.5	0.95	783726	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	383.5	384.45	0.95	783727	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	09-Apr-19	Assay	384.45	385.1	0.65	783728	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	385.1	385.75	0.65	783729	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	OREAS 216				783730	6.75	6750		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	385.75	386.5	0.75	783731	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	386.5	387.25	0.75	783732	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	387.25	388	0.75	783733	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	388	389	1	783734	0.018	18		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	389	389.81	0.81	783735	0.005	5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	389.81	390.14	0.33	783736	0.0025	< 5		
K7-19-08	K7	Actlabs	A19-04669	28-Mar-19	17-Apr-19	Assay	390.14	391.14	1	783737	0.0025	< 5		

		Hole Number:		K7-19-09			
		Drill Rig:		HC-150-11			
		Claim Number:					
Location		Drill Hole Orientation		Dates Drilled:	Start Date:		End Date:
Surface					19-Mar-2019		26-Mar-2019
Planned Coordinates		Azimuth:	60	Drill Contractor:	Forages Chibougamau Ltée		
Easting	648657						
Northing	5396549	Dip:	-50	Dates Logged:	Start Date:		End Date:
levation(m)					20-Mar-2019		27-Mar-2019
Final Pick up		Depth(m):	576.00	Logger 1:	Josh Zundl		
Easting							
Northing		Core Size:	NQ	Logger 2:			
levation(m)							
Casing				Logger 3:			
					Assay Lab:	Actlabs	
Purpose of Hole	Following up on anomalous gold values previously drilled in 2017-2018	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Hole is almost entirely composed of mafics and feldspar/quartz porphyry. The majority of these units contain trace-2% disseminated pyrite.	18.0	62.2	-50.2	55981		69.8
		48.0	58.9	-50.0	56444		66.5
		78.0	58.5	-49.5	57252		66.1
		108.0	58.0	-49.4	56489		65.6
		138.0	59.6	-49.2	56158		67.2
		168.0	58.8	-48.9	56011		66.4
		198.0	60.1	-48.9	56331		67.7
Comments		228.0	60.2	-48.9	56083		67.8
		261.0	60.5	-48.6	56078		68.1
		291.0	59.4	-48.6	56390		67
		321.0	59.8	-48.6	56342		67.4
		351.0	61.3	-48.7	56314		68.9
		381.0	59.9	-48.5	56323		67.5
		411.0	60.8	-48.5	56211		68.4
Azimuth corrected to 7.6 degrees west declination		441.0	62.8	-48.4	55893		70.4
		471.0	61.7	-48.1	56107		69.3
		501.0	60.8	-47.9	56231		68.4
		528.0	60.4	-47.8	56126		68
		558.0	63.7	-47.4	56477		71.3

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-19-09	0	1.97	1.97	OVB	Overburden	
K7-19-09	1.97	7.95	5.98	3C	Conglomerate	Light/Dark grey/white/green; FG-very CG; mod fol; str interstitial/stringer bi; weak alb banding/bedding; mod-str irregular bedding of alteration with various grey clay minerals/chl; Polymictic; volcanoclastic; mod-str large clasts up to 3cm diameter primarily composed of various felsic minerals/rocks; barren. Contains a minor 5B
K7-19-09	7.95	9.91	1.96	1A	Massive Flows	Green/brown; FG-MG; mod fol; mod-str interstitial/banded bi; mod per chl; contains small areas of coarser grained 6B; weak stringers qtz/alb; trace diss PY
K7-19-09	9.91	13.46	3.55	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb; weak sil; 5% phenos; weak small sections/stringers of mafics; trace diss PY
K7-19-09	13.46	20.46	7	1A	Massive Flows	Green; FG; mod fol; mod-str per chl; weak wispy ser bleaching; trace qtz patches; 1% blebby PY/PO in first meter - trace for rest of unit
K7-19-09	20.46	21.99	1.53	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb; weak sil; contains a small sections of 1A; 5% phenos; trace diss PY
K7-19-09	21.99	25.42	3.43	6B	Gabbro	Green/grey; FG-CG; weak fol; weak patchy bi/ser; mod per chl; about 30% patches of 4B - the gabbro is the xenolith to the 4B but is more prominent; barren
K7-19-09	25.42	28.36	2.94	1A	Massive Flows	Green; FG; mod fol; mod-str per chl; trace wispy ser bleaching; weak qtz veinlets; trace PY 27.5-28m
K7-19-09	28.36	31.22	2.86	6B	Gabbro	Green/grey; FG-CG; weak fol; mod per chl; contains small 4B sections; mod qtz veinlets; weak small feldspar patches up to 2cm; barren
K7-19-09	31.22	36.77	5.55	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb; weak sil; weak qtz veinlets; 10% phenos; barren
K7-19-09	36.77	38.8	2.03	1B	Pillowed Flows	Green/brown; FG; mod fol; weak interstitial/banded bi; mod per chl; mod wispy ser/act bleaching; weak-mod chl altered selvages <1cm; weak qtz veinlets/alb banding; 0.5% diss PY
K7-19-09	38.8	40.75	1.95	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; mod banded alb; mod sil; weak qtz veinlets; 5% phenos; contains several <10cm bands of mafics; 0.5% diss PY
K7-19-09	40.75	41.73	0.98	1B	Pillowed Flows	Green/brown; FG; mod fol; weak-mod interstitial bi; mod per chl; mod wispy ser/act bleaching; weak-mod chl altered selvages <1cm; mod qtz veinlets/alb banding/stringers; 1% diss PY
K7-19-09	41.73	43.13	1.4	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; mod banded alb; mod-str sil; trace ser flooding; weak qtz veinlets; 7% phenos; contains several <5cm bands of mafics; 1% diss PY/0.5% blebby PO
K7-19-09	43.13	46.75	3.62	1B	Pillowed Flows	Green/brown; FG; mod fol; mod-str interstitial/banded bi; mod per chl; mod wispy ser/act banded/bleaching with weak k-spar alteration; weak-mod chl altered selvages <2cm; mod qtz veinlets; weak alb banding/stringers; 2% diss PY/0.5% blebby PO
K7-19-09	46.75	50.05	3.3	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol with weak boudinage; mod shearing; mod interstitial bi elongated with foliation; weak banded alb/mafic xenos; mod sil; weak qtz veinlets; <5% phenos; middle of unit becomes more grey and more like a 5B unit; contains a 20cm section of pink pegmatite; 0.5% diss PY
K7-19-09	50.05	61.75	11.7	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; mod wispy ser/act bleaching; weak-mod chl altered selvages <2cm; trace car patches; weak qtz veinlets/alb banding/stringers; 0.5% PY for first meter of unit - trace for the rest
K7-19-09	61.75	64.78	3.03	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; trace grt; weak-mod banded alb; mod sil; weak qtz veinlets; 7% phenos; contains small patches of surrounding mafics with trace k-spar alteration; barren
K7-19-09	64.78	66.38	1.6	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; weak-mod wispy ser/act bleaching; weak-mod chl altered selvages <1cm; contains a patch of k-spar altered 5B; barren
K7-19-09	66.38	68.08	1.7	5B	Granodiorite	White/grey; FG-MG; no fol; 70% 5B/30% 4B with gradational transition from 4B at UC to 5B in the first meter; mod interstitial bi/amph; weak k-spar/syenite alteration; barren
K7-19-09	68.08	89.17	21.09	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; mod wispy ser/act bleaching with very trace k-spar alteration; weak qtz veinlets; mod chl altered selvages up to 3cm; contains 2 minors 4B; barren
K7-19-09	89.17	90.73	1.56	5B	Granodiorite	White/grey; FG-MG; no fol; 60% 5B/40% 1B with irregular patchy contacts for the first 0.5m - then a small unit of the 1B in the middle; mod interstitial/patchy bi/amph; barren

K7-19-09	90.73	92.84	2.11	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; mod wispy ser/act bleaching with very trace k-spar alteration; weak qtz veinlets; mod chl altered selvages up to 3cm; barren
K7-19-09	92.84	94.03	1.19	7B	Diorite	Light/dark grey; MG; no fol; mod MG speckled bi; about 50% felsics/mafics; barren
K7-19-09	94.03	98.04	4.01	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; mod wispy ser/act bleaching with very trace k-spar alteration; weak qtz veinlets; mod chl altered selvages up to 3cm; barren
K7-19-09	98.04	108.27	10.23	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; weak-mod banded alb; mod sil; mod qtz veinlets/veins; 10% phenos; trace ser flooding from hydrothermal pressure fractures; contains several <30cm pink pegmatite units; barren
K7-19-09	108.27	111.37	3.1	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/stringer bi; mod per chl; mod wispy ser/act bleaching; weak qtz veinlets; mod chl altered selvages up to 1cm; contains a minor 4B barren
K7-19-09	111.37	116.39	5.02	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak lcl shearing; mod interstitial bi; weak-mod banded alb; mod sil; weak qtz veinlets; 10% phenos; is about 25% 5B patches/units barren
K7-19-09	116.39	118.48	2.09	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; mod wispy ser/act bleaching; weak qtz veinlets; mod chl altered selvages up to 1cm; contains small 5B xenos; contains a minor 4B barren
K7-19-09	118.48	120.03	1.55	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; mod banded alb; mod sil; weak qtz veinlets; 10% phenos; 0.5% PY
K7-19-09	120.03	121.72	1.69	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; weak wispy ser/act bleaching; weak qtz veinlets; weak chl altered selvages up to 1cm; barren
K7-19-09	121.72	143.56	21.84	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak lcl shearing; mod interstitial bi; mod banded alb; mod sil; weak-mod qtz veinlets; 5-20% phenos; trace ser flooding around some alb bands; contains 2 minors 1B and several large patches of 5B after 130m mark; 1% PY unit 130m then just trace amounts.
K7-19-09	143.56	150.75	7.19	1B	Pillowed Flows	Green/brown; FG; mod fol; mod-str interstitial/banded bi; mod per chl; weak wispy ser/act bleaching; weak qtz veinlets; weak chl altered selvages up to 1cm; barren
K7-19-09	150.75	152.26	1.51	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; mod banded alb; mod sil; weak-mod qtz veinlets; 10% phenos; trace ser flooding around some alb bands; barren
K7-19-09	152.26	156.22	3.96	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; weak wispy ser/act bleaching; weak qtz veinlets; mod chl altered selvages up to 2cm; barren
K7-19-09	156.22	157.56	1.34	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; trace banded alb; mod sil; weak-mod qtz veinlets; 5% phenos; contains xenos 4E; barren
K7-19-09	157.56	165.63	8.07	4E	Pegmatite	Pink/White/grey; CG; no fol; 20% smoky qtz/30% k-spar/30% white felds/10% msc; mod-str lcl speckled grt; barren
K7-19-09	165.63	171.94	6.31	1A	Massive Flows	Green/brown; FG-MG; mod fol; mod-str interstitial/banded bi; mod per chl; contains small areas of coarser grained 6B; weak-mod stringers qtz/alb; weak ser bleaching; 1% blebby PO/PY in qtz vein 166.3-166.4m
K7-19-09	171.94	177.74	5.8	4E	Pegmatite	Pink/White/grey; CG; no fol; 20% smoky qtz/20% k-spar/30% white felds/15% msc/10% mafics; mod lcl speckled grt; mod interstitial bi; barren
K7-19-09	177.74	186.82	9.08	1B	Pillowed Flows	Green/brown; FG; mod fol; str interstitial/banded bi; mod per chl; weak wispy ser/act bleaching; weak qtz veinlets; weak chl altered selvages up to 1cm; contains 2 minors 4B; barren
K7-19-09	186.82	196.16	9.34	4B	Feldspar Porphyry	light Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi elongated with fol; weak banded alb; mod sil; weak qtz veinlets; 15% phenos; weak hydrothermal pressure fractures with weak ser flooding; mod ser flooding throughout unit; trace PY in some fractures
K7-19-09	196.16	203.89	7.73	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; weak-mod wispy ser/act bleaching; weak qtz veinlets; weak chl altered selvages up to 1cm; several xenos 5B; barren
K7-19-09	203.89	206.88	2.99	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak lcl shearing; mod interstitial bi elongated with fol; weak banded alb; mod sil; weak qtz veinlets; 5-15% phenos; from UC to 205.51m unit is 50% 5B; 0.5% PY
K7-19-09	206.88	213.08	6.2	1A	Massive Flows	Green/brown; FG-MG; mod fol; mod interstitial/banded bi; mod-str per chl; contains small areas of coarser grained 6B; weak stringers qtz/alb; weak ser bleaching; weak dyklets 5B; barren
K7-19-09	213.08	215.99	2.91	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak lcl shearing; mod interstitial bi locally elongated with shearing; weak banded alb; mod sil; weak qtz veinlets; weak chl fractures with weak talc buildup; 5-15% phenos; 0.5% PY

K7-19-09	215.99	229.13	13.14	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial/banded bi; mod per chl; weak wispy ser/act bleaching; weak-mod qtz veinlets; weak chl altered selvages up to 3cm; mod large fractures along core axis throughout the unit - these fractures have mod talc buildup and 2% PY (trace PY for the overall unit)
K7-19-09	229.13	233.021	3.89	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; mod banded alb with trace k-spar alteration; mod sil; weak qtz veinlets; 15% phenos; barren
K7-19-09	233.021	238.96	5.94	1B	Pillowed Flows	Green/brown/dark grey; FG-MG; mod fol; mod interstitial/banded bi; mod per chl; weak wispy ser/act bleaching; weak qtz/car veinlets; weak chl altered selvages up to 1cm; has 2 sections of dark bleaching (234.29-234.96/235.55-236.03) with similar texture to the surrounding 1B; contains a minor 4B; trace PY in first bleached section.
K7-19-09	238.96	241.06	2.1	6E	Intermediate Dyke	Grey/green; FG-MG; mod fol; mod interstitial bi; weak chl stringers/bands; weak ser/alb banding; barren
K7-19-09	241.06	246.04	4.98	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; mod wispy ser/act bleaching; weak qtz/car veinlets; mod chl altered selvages up to 1cm; barren
K7-19-09	246.04	254.73	8.69	1A	Massive Flows	green/grey; FG-MG; no fol; mod-str speckled bi; weak per chl; mod qtz irregular stringers; trace k-spar bleaching around fractures; barren
K7-19-09	254.73	258.08	3.35	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; mod wispy ser/act bleaching; weak qtz/car veinlets; mod chl altered selvages up to 2cm; barren
K7-19-09	258.08	259.19	1.11	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb with weak k-spar alteration; mod sil; weak qtz veinlets; 15% phenos; barren
K7-19-09	259.19	274.47	15.28	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; mod-str wispy ser/act bleaching/banding; weak qtz/car veinlets; weak alb stringers; weak qtz veins; mod chl altered selvages up to 2cm; stronger banding for first 1 meter of unit; weak fractures with weak talc buildup; contains a minor 6B and 3 4B minors; barren
K7-19-09	274.47	276.77	2.3	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb; mod sil; weak qtz veinlets; mod fractures; mod hematite flooding/fracture-filling; 15% phenos; barren
K7-19-09	276.77	281.17	4.4	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod-str per chl; mod wispy ser/act bleaching/banding; weak qtz/car veinlets; weak alb stringers; contains a qtz vein; weak chl altered selvages up to 2cm; weak fracturing with strong hematite fracture filling; barren
K7-19-09	281.17	283.83	2.66	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; mod interstitial bi; weak banded alb; mod sil; weak qtz veinlets; mod-str fractures; mod-str hematite flooding/fracture-filling; 10% phenos; barren
K7-19-09	283.83	286.7	2.87	4E	Pegmatite	Pink/White/grey; CG; no fol; 20% smoky qtz/25% k-spar/40% white felds/10% mafics; mod lcl speckled grt; weak interstitial bi; barren
K7-19-09	286.7	292.37	5.67	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; mod interstitial bi; weak-mod banded alb; mod-str sil; weak qtz veinlets; mod-str hydrothermal pressure fractures; 10% phenos; mod ser flooding from fractures; trace PY
K7-19-09	292.37	293.43	1.06	1A	Massive Flows	Unit is banded small units 4B/1A; about 60% 1A; mod qtz veinlets; 1% PY at the contacts between the units
K7-19-09	293.43	298.73	5.3	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; weak banded alb; mod sil; weak qtz veinlets; mod fracturing with trace hematite/sericite flooding; 5% phenos; contains a 1A minor; 0.5% PY
K7-19-09	298.73	303	4.27	1B	Pillowed Flows	Green/brown; FG; mod fol; mod interstitial bi; mod per chl; mod-str wispy ser/act bleaching/banding; weak qtz/car veinlets; mod chl altered selvages up to 2cm; 0.5% PY
K7-19-09	303	304.41	1.41	4E	Pegmatite	Pink/White/grey; CG; no fol; 20% smoky qtz/25% k-spar/40% white felds/10% mafics; weak interstitial bi; barren
K7-19-09	304.41	306.44	2.03	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; weak banded alb; mod sil; weak qtz veinlets; weak fractures with weak talc fill; 7% phenos; contains a 1B minor; 1% PY
K7-19-09	306.44	308.72	2.28	1B	Pillowed Flows	Green/brown; FG; mod fol; mod-str interstitial/banded bi; mod per chl; mod-str wispy ser/act bleaching/banding; weak qtz veinlets; weak chl altered selvages up to 1cm; weak alb bands; 1% PY
K7-19-09	308.72	326.49	17.77	4B	Feldspar Porphyry	Grey/Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; mod banded alb; mod sil; weak-mod qtz veinlets; weak-mod hydrothermal pressure fractures with weak ser flooding - also a 1 meter section in the middle with mod ser flooding; 15% phenos; contains a 6B minor and many small units of 1A; 1% PY
K7-19-09	326.49	328.36	1.87	1A	Massive Flows	Dark green; FG; mod fol; weak banded ser bleaching; weak qtz veinlets; mod interstitial bi; mod per chl; 1% diss PY

K7-19-09	328.36	329.66	1.3	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak shearing; mod interstitial bi elongated with fol; weak banded alb; mod sil; weak-mod hydrothermal pressure fractures with mod ser flooding; 15% phenos; trace PY
K7-19-09	329.66	330.91	1.25	1A	Massive Flows	Dark green; FG; mod fol; trace banded ser bleaching; trace qtz veinlets; weak talc/chl filled fractures; mod interstitial bi; mod per chl; 1% diss PY
K7-19-09	330.91	334.57	3.66	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak shearing; mod interstitial bi; mod banded alb; mod sil; weak hydrothermal fractures with weak ser flooding; mod ser flooding through unit; weak-mod talc-filled fractures; 15% phenos; 0.5% PY
K7-19-09	334.57	336.48	1.91	1A	Massive Flows	Dark green; FG; mod fol; weak banded ser bleaching; weak qtz veinlets; weak-str (str closer to shear zone) talc/chl/car/gouge filled fractures; mod interstitial bi; mod per chl; 1% diss PY
K7-19-09	336.48	337.81	1.33	SH	Shear	Green/purple; FG; no fol; str talc/chl/car/gouge filled-fractures/stringers; mod interstitial bi; mod per chl; some of unit is 4B but most is 1A; 0.5% diss PY
K7-19-09	337.81	343.64	5.83	1A	Massive Flows	Dark green; FG; mod fol; mod wispy banded ser bleaching with weak k-spar alteration; mod talc stringers; weak qtz veinlets; weak-str (str closer to shear zone) talc/chl/car/gouge filled fractures; mod interstitial bi; mod per chl; contains 3 minors 4B; 0.5% PY
K7-19-09	343.64	344.73	1.09	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak shearing; mod interstitial bi; mod qtz veinlets; mod sil; mod ser flooding through unit; mod talc-filled fractures/stringers; 15% phenos; barren
K7-19-09	344.73	346.66	1.93	1A	Massive Flows	Dark green; FG; mod fol; weak wispy banded ser bleaching; mod talc stringers; weak qtz veinlets; mod interstitial bi; mod per chl; 0.5% PY
K7-19-09	346.66	357.13	10.47	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak local shearing; mod interstitial bi; trace banded alb; mod sil; mod hydrothermal fractures with mod-str ser flooding; 5-15% phenos; 0.5% PY
K7-19-09	357.13	372.57	15.44	1A	Massive Flows	Dark green; FG; mod fol; trace banded ser bleaching; mod qtz veinlets; mod-str interstitial bi; mod per chl; contains 2 minors and several small units of 4B; 0.5% PY
K7-19-09	372.57	380.29	7.72	4B	Feldspar Porphyry	Purple/dark green; mod fol; FG-MG; mod interstitial bi; weak qtz veinlets/alb bands; Unit alternates between 1B and 4B every 20cm-120cm; is about 50% each. 4B unit has weak local shearing as there are at least 2 different ages of 4B in here - one less sheared than the other; mod sil; weak pressure fractures; 10-20% phenos; barren-trace sulfides. 1B unit has weak boudinage; mod ser bands; barren closer to UC with around 0.5% PY closer to LC
K7-19-09	380.29	381.62	1.33	1B	Pillowed Flows	Green; FG; mod fol; mod qtz veinlets; mod interstitial bi; mod per chl; mod-str bleached banding; weak pillow selvages <1cm; 0.5% PY
K7-19-09	381.62	386.69	5.07	1B	Pillowed Flows	Green; FG; mod fol; mod qtz veinlets; mod interstitial/banded bi; mod per chl; mod bleached banding; contains 2 minors 4B; weak pillow selvages <1cm; trace PY
K7-19-09	386.69	395.68	8.99	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak local shearing; mod interstitial bi; weak qtz veinlets; mod banded alb; mod sil; mod hydrothermal fractures with weak ser flooding; 5-15% phenos; contains a minor and many small 1A units; 1% PY
K7-19-09	395.68	399.7	4.02	1Z	Gabbroic with gradational contacts	Green/pink; FG-CG; weak-mod fol (less fol with more CG areas); mod interstitial bi; mod-str per chl; mod speckled CG k-spar; unit begins FG - becomes CG - goes back to FG; small 4B units/trace alb banding; trace ser patches; trace PY in more FG areas
K7-19-09	399.7	406.34	6.64	1A	Massive Flows	Dark green; FG-MG; mod fol; mod-str interstitial bi; mod-str per chl; trace wispy ser bleaching; trace alb bands; weak-mod qtz veinlets; contains several small 4B units and a 4B minor; 1% PY
K7-19-09	406.34	408.32	1.98	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak local shearing; mod interstitial bi; weak qtz veinlets; weak banded alb; mod sil; weak hydrothermal fractures with trace ser flooding; weak tiny fractures infilled with a light green mineral (ser/talc) too small to determine; 5-10% phenos; 0.5% PY
K7-19-09	408.32	429.79	21.47	1MIN	Mineralized Mafic Flows	Dark green; FG-MG; mod fol; mod-str interstitial bi; mod per chl; trace ser bleached banding; weak alb bands; weak qtz veinlets; contains many small 4B units and 3 4B minors and 1 5B minor; 1-2% PY
K7-19-09	429.79	435	5.21	4B	Feldspar Porphyry	Grey/Purple/green; FG-MG; mod fol; weak local shearing; mod interstitial bi; weak qtz veinlets; weak banded alb; mod sil; weak hydrothermal fractures with weak ser flooding; 5-10% phenos; contains a minor 1MIN and several small 1A units throughout; 0.5% PY
K7-19-09	435	447.07	12.07	1MIN	Mineralized Mafic Flows	Dark green; FG-MG; mod fol with trace boudinage; mod-str interstitial/banded bi; mod per chl; mod wispy ser bleached banding; weak alb bands; weak qtz veinlets; contains several small 4B units; 1-2% PY

K7-19-09	447.07	532.35	85.28	4A	Quartz Porphyry	Grey/Purple/green/red; FG-MG; mod-str fol; mod shearing; mod-str interstitial bi elongated with fol; mod-str qtz veinlets/phenos; trace banded alb; mod sil; trace hydrothermal fractures; mod flooding of potassic/hematite alteration coming through fractures perpendicular to core axis as well as through some smaller ones along the core axis; str ser alteration from fractures perpendicular to core axis; both potassic and ser flooding are strongest at the UC and gradually diminish until around the 453m mark with mod local recurrences after that - k-spar/hematite staining is more prevalent than the ser flooding and occurs with fractures parallel to core axis; UC is gradual with fracturing/qtz veinlets appearing in mafics as well; 10% qtz phenos; has a large minor sized smoky qtz vein; contains sections of 4B also with around <5-10% felds phenos but is less sheared; has some small sections of 4E; trace PY with smaller localized areas of 1%
K7-19-09	532.35	555.1	22.75	4A	Quartz Porphyry	Grey/White/pink; FG-MG; mod-str fol; mod shearing; weak-mod interstitial bi elongated with fol; mod-str qtz veinlets/phenos; mod sil; weak k-spar alteration throughout the groundmass with localized areas of stronger alteration/flooding near fractures nearly parallel to core axis; 10% qtz phenos; contains sections of 4B also with around <5-10% felds phenos but is less sheared and with ser flooding from pressure fractures; mod patchy small sections of 4E; has a minor 1A and 4B; overall has a granite texture but is structurally almost identical to the preceding 4A. 0.5% PY / trace moly
K7-19-09	555.1	576	20.9	7A	Diabase	Dark grey/green; FG-MG; no fol; str mag; str sauss felds (mod green) up to 8cm diameter until 559m; weak sauss felds (mod green) up to 2cm for the rest of unit; barren
K7-19-09			EOH			

BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM	Li ppm 0.5 TD-MS
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	35.77	36.77	1	783738	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	36.77	37.77	1	783739	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783740	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	37.77	38.77	1	783741	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	38.77	39.77	1	783742	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	39.77	40.75	0.98	783743	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	40.75	41.73	0.98	783744	0.009	9			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	41.73	42.4	0.67	783745	0.01	10			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	42.4	43.13	0.73	783746	0.731	731			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	43.13	44	0.87	783747	0.084	84			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	44	45	1	783748	0.019	19			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	45	46	1	783749	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 215				783750	3.59	3590			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	46	46.75	0.75	783751	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	46.75	47.75	1	783752	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	59	60	1	783753	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	60	61	1	783754	0.02	20			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	61	61.75	0.75	783755	0.107	107			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	61.75	62.75	1	783756	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	116.39	117.13	0.74	783757	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	117.13	117.97	0.84	783758	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	117.97	118.48	0.51	783759	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783760	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	118.48	119.3	0.82	783761	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	119.3	120.03	0.73	783762	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	120.03	120.9	0.87	783763	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	120.9	121.72	0.82	783764	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	121.72	122.73	1.01	783765	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	122.73	123.74	1.01	783766	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	123.74	124.76	1.02	783767	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	124.76	125.36	0.6	783768	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	125.36	126	0.64	783769	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 210				783770	5.6	5600			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	126	127	1	783771	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	127	128	1	783772	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	128	128.77	0.77	783773	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	128.77	129.38	0.61	783774	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	129.38	130	0.62	783775	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	130	131	1	783776	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	164.63	165.63	1	783777	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	165.63	166.63	1	783778	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	166.63	167.63	1	783779	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783780	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	167.63	168.63	1	783781	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	204.51	205.51	1	783782	0.0025	< 5			


K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	205.51	206.24	0.73	783783	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	206.24	206.88	0.64	783784	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	206.88	207.88	1	783785	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	253.38	254.38	1	783786	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	254.38	255.3	0.92	783787	0.006	6			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	255.3	256.2	0.9	783788	0.009	9			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	256.2	257.1	0.9	783789	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 216				783790	6.8	6800			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	257.1	258.08	0.98	783791	0.01	10			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	258.08	258.6	0.52	783792	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	258.6	259.19	0.59	783793	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	259.19	260	0.81	783794	0.006	6			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	260	260.46	0.46	783795	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	260.46	261.46	1	783796	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	261.46	262.46	1	783797	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	262.46	263.46	1	783798	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	288.57	289.37	0.8	783799	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783800	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	289.37	290.37	1	783801	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	290.37	291.37	1	783802	0.008	8			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	291.37	292.37	1	783803	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	292.37	292.9	0.53	783804	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	292.9	293.43	0.53	783805	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	293.43	294.25	0.82	783806	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	294.25	295.1	0.85	783807	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	295.1	295.84	0.74	783808	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	295.84	296.84	1	783809	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 215				783810	3.53	3530			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	296.84	297.8	0.96	783811	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	297.8	298.73	0.93	783812	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	298.73	299.7	0.97	783813	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	299.7	300.6	0.9	783814	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	300.6	301.5	0.9	783815	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	301.5	302.48	0.98	783816	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	302.48	303	0.52	783817	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	303	304	1	783818	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	304	304.41	0.41	783819	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783820	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	304.41	305.35	0.94	783821	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	305.35	305.8	0.45	783822	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	305.8	306.44	0.64	783823	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	306.44	307.2	0.76	783824	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	307.2	308	0.8	783825	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	308	308.72	0.72	783826	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	308.72	309.3	0.58	783827	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	309.3	309.98	0.68	783828	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	309.98	310.58	0.6	783829	0.005	5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 210				783830	5.41	5410			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	310.58	311	0.42	783831	0.005	5			

K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	311	312	1	783832	0.005	5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	312	313	1	783833	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	313	314	1	783834	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	314	315	1	783835	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	315	316	1	783836	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	316	317	1	783837	0.005	5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	317	318	1	783838	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	318	319	1	783839	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783840	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	319	320	1	783841	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	320	321	1	783842	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	321	322	1	783843	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	322	322.37	0.37	783844	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	322.37	322.91	0.54	783845	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	322.91	323.8	0.89	783846	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	323.8	324.7	0.9	783847	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	324.7	325.6	0.9	783848	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	325.6	326.49	0.89	783849	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 216				783850	6.81	6810			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	326.49	327.4	0.91	783851	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	327.4	328	0.6	783852	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	328	328.56	0.56	783853	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	328.56	329	0.44	783854	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	329	329.66	0.66	783855	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	329.66	330.31	0.65	783856	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	385.69	386.69	1	783857	0.014	14			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	386.69	387.63	0.94	783858	0.023	23			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	387.63	388.4	0.77	783859	0.026	26			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783860	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	388.4	389.29	0.89	783861	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	389.29	389.7	0.41	783862	0.009	9			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	389.7	390.2	0.5	783863	0.046	46			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	390.2	391	0.8	783864	0.02	20			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	391	392	1	783865	0.033	33			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	392	393	1	783866	0.036	36			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	393	394	1	783867	0.012	12			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	394	395	1	783868	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	395	395.68	0.68	783869	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 215				783870	2.54	2540			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	395.68	396.68	1	783871	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	407.32	408.32	1	783872	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	408.32	409	0.68	783873	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	409	409.86	0.86	783874	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	409.86	410.35	0.49	783875	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	410.35	411.25	0.9	783876	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	411.25	412.18	0.93	783877	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	412.18	412.92	0.74	783878	0.007	7			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	412.92	413.92	1	783879	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783880	0.0025	< 5			

K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	413.92	414.92	1	783881	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	414.92	415.92	1	783882	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	415.92	416.5	0.58	783883	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	416.5	417	0.5	783884	0.016	16			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	417	418	1	783885	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	418	419	1	783886	0.009	9			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	419	420	1	783887	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	420	421	1	783888	0.009	9			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	421	422	1	783889	0.006	6			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 210				783890	5.57	5570			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	422	422.7	0.7	783891	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	422.7	423.05	0.35	783892	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	423.05	423.61	0.56	783893	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	423.61	424.06	0.45	783894	0.006	6			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	424.06	424.44	0.38	783895	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	424.44	425	0.56	783896	0.006	6			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	425	426	1	783897	0.005	5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	426	427	1	783898	0.012	12			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	427	428	1	783899	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783900	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	428	429	1	783901	0.036	36			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	429	429.79	0.79	783902	0.008	8			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	429.79	430.7	0.91	783903	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	430.7	431.3	0.6	783904	0.007	7			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	431.3	432	0.7	783905	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	432	432.81	0.81	783906	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	432.81	433.5	0.69	783907	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	433.5	434.3	0.8	783908	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	434.3	435	0.7	783909	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 216				783910	6.79	6790			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	435	436	1	783911	0.005	5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	436	437	1	783912	0.007	7			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	437	438	1	783913	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	438	439	1	783914	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	439	440	1	783915	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	440	441	1	783916	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	441	442	1	783917	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	442	443	1	783918	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	443	444	1	783919	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783920	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	444	445	1	783921	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	445	446	1	783922	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	446	446.5	0.5	783923	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	446.5	447.07	0.57	783924	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	447.07	448	0.93	783925	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	448	449	1	783926	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	457.05	458.05	1	783927	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	458.05	458.69	0.64	783928	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	458.69	459.69	1	783929	0.0025	< 5			

K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 216				783930	6.56	6560			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	468.76	469.76	1	783931	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	469.76	470.45	0.69	783932	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	470.45	471.19	0.74	783933	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	471.19	472	0.81	783934	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	472	472.68	0.68	783935	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	472.68	473.68	1	783936	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	473.68	474.43	0.75	783937	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	474.43	475.36	0.93	783938	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	475.36	476.36	1	783939	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783940	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	494.07	495.07	1	783941	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	495.07	495.63	0.56	783942	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	495.63	496.63	1	783943	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	505.93	506.93	1	783944	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	506.93	507.3	0.37	783945	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	507.3	508.3	1	783946	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	508.3	509.3	1	783947	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	509.3	510.3	1	783948	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	510.3	511.3	1	783949	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 210				783950	5.59	5590			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	511.3	512.3	1	783951	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	512.3	513.15	0.85	783952	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	513.15	514.15	1	783953	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	514.15	514.61	0.46	783954	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	514.61	515	0.39	783955	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	515	516	1	783956	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	516	517	1	783957	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	517	518	1	783958	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	518	519	1	783959	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Blank				783960	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	519	520	1	783961	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	520	521	1	783962	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	521	522	1	783963	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	522	522.38	0.38	783964	0.224	224			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	522.38	523	0.62	783965	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	523	524	1	783966	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	524	524.41	0.41	783967	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	524.41	525	0.59	783968	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	525	526	1	783969	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	OREAS 216				783970	6.81	6810			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	526	527	1	783971	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	527	528	1	783972	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	543	544	1	783973	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	544	545	1	783974	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay+Geochem	545	546	1	783975	0.0025	< 5			36.4
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	546	547	1	783976	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	547	547.58	0.58	783977	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	547.58	548.58	1	783978	0.0025	< 5			

K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	404.48	405.04	0.56	784025	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	405.04	405.83	0.79	784026	0.007	7			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	405.83	406.32	0.49	784027	0.0025	< 5			
K7-19-09	K7	Actlabs	A19-05483	15-Apr-19	03-May-19	Assay	406.32	407.32	1	784028	0.005	5			

		Hole Number:		K7-19-10			
		Drill Rig:		HC-150-11			
		Claim Number:					
Location		Drill Hole Orientation		Dates Drilled:		Start Date:	End Date:
Surface				27-Mar-2019		2-Apr-2019	
Planned Coordinates		Azimuth:	60	Drill Contractor:		Forages Chibougamau Ltée	
Easting	648742			Dip:		-50	
Northing	5396306	Depth(m):		534.00		Logger 1:	
levation(m)		Core Size:		NQ		Logger 2:	
Final Pick up		Depth(m):		534.00		Logger 3:	
Easting		Core Size:		NQ		Assay Lab:	
Northing		Core Size:		NQ		Actlabs	
levation(m)		Core Size:		NQ		Actlabs	
Casing				Dip Tests			
Purpose of Hole	Following up on anomalous gold values previously drilled in 2017-2018	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		18.0	60.6	-49.7	56471		68.2
Results		51.0	60.6	-49.5	56240		68.2
		81.0	60.8	-49.6	56296		68.4
		111.0	59.7	-49.2	56203		67.3
		141.0	60.0	-48.9	56252		67.6
		171.0	59.9	-48.4	56221		67.5
		201.0	59.9	-48.3	56612		67.5
		231.0	61.7	-47.9	55882		69.3
		261.0	59.9	-47.1	56414		67.5
Comments	Andrew Started logging at 117m, Jordan stared logging 142	291.0	61.6	-46.8	56362		69.2
		321.0	61.1	-46.6	56260		68.7
		351.0	59.2	-46.1	56653		66.8
		381.0	61.0	-46.0	56309		68.6
		411.0	60.4	-45.8	56156		68
		441.0	61.9	-46.0	55854		69.5
		471.0	62.1	-45.9	56168		69.7
Azimuth corrected to 7.6 degrees west declination		507.0	61.9	-45.8	56213		69.5
		531.0	59.6	-45.6	56652		67.2
			-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
K7-19-10	0	2.83	2.83	OVB	Overburden	
K7-19-10	2.83	30.05	27.22	1B	Pillowed Flows	Green/grey; FG; mod fol; weak boudinage; mod wispy ser/act bleaching; mod interstitial/lightly banded bi; weak qtz veinlets/alb stringers; has a qtz vein; trace k-spar alteration in some bleaching; contains a minor 4B; barren
K7-19-10	30.05	30.89	0.84	1MIN	Mineralized Mafic Flows	Green/Purple/grey; FG; mod fol; unit is several smaller patches mixed together with 1% PY throughout. Has an area of mod alb banded 4B; and area with str pervasive bi; and an area more 1B in composition. 1% disseminated PY
K7-19-10	30.89	31.53	0.64	3D	Iron Formation	Various grey/brown bands; FG; mod fol; str bedding chert/qtz/bi/chl/ser; 4% PO/4%PY/trace CPY
K7-19-10	31.53	46.96	15.43	6B	Gabbro	Green/light grey; FG-CG; weak fol; mod interstitial bi; mod-str per chl; mod stringers/patches red ablitic 4E (with weak-str hematite/syenite); weak qtz veinlets/patches; about 20% of unit has felsic groundmass - the rest is chl altered. Trace PO throughout with 2% between 36.19-36.38m; nothing remarkable about the section with 2% PO
K7-19-10	46.96	50.93	3.97	4B	Feldspar Porphyry	Dark Purple/green; FG-MG; weak fol; 50% 4B with 50% very large 6B xenoliths up to 15cm diameter; mod interstitial bi through entire unit; 6B is a medium grained version of the following 6B major; 4B has 5% phenos and 5% speckled felsic minerals and 5% bi-altered medium grains; mod sil. Contains a 4E minor; trace PO in gabbro
K7-19-10	50.93	56.66	5.73	6B	Gabbro	Light/dark green; FG-CG; no fol; mod-str pervasive chl; weak interstitial bi; groundmass is lighter green while CG is a darker green; contains a minor 7A; barren
K7-19-10	56.66	62.92	6.26	4E	Pegmatite	Pink/white/green; FG-MG; no fol; mod qtz veinlets; unit is many units/xenos/stringers of aplitic 4E/5B/6B mixed together; 6B appears to be the xenolithic unit; 4E has high concentration of sye; barren
K7-19-10	62.92	63.88	0.96	FZ	Fault Zone	Grey/Brown; FG; no fol; unit appears to be a heavily fractured 6B/4E with a section from 63.28-63.55m of 100% gouge; barren
K7-19-10	63.88	70.92	7.04	6B	Gabbro	Light/dark green; FG-CG; no fol; mod pervasive chl; weak interstitial bi; mod stringers/patches aplitic sye rich 4E; contains a 10cm section (66.95-67.05m) that is strongly magnetite altered and has 5% PY; rest of unit has trace PY until around 69m then 1% for rest of unit
K7-19-10	70.92	73.75	2.83	4B	Feldspar Porphyry	Purple/green; FG-MG; mod fol; about 20% gabbro unit gradually transitioning to and from the 4B sections. Mod interstitial bi; mod sil; mod alb banding with mod ser flooding in the bands; <5% phenos with some being chl altered; 1% PY
K7-19-10	73.75	76.73	2.98	1A	Massive Flows	Green; FG; mod fol; weak string qtz/alb; weak ser patches; mod interstitial bi; mod per chl; barren
K7-19-10	76.73	79.85	3.12	4B	Feldspar Porphyry	Purple/green; FG-MG; mod fol; mod interstitial bi; mod sil; mod alb banding; weak qtz veinlets; mod hydrothermal pressure fractures with mod ser flooding; 5% phenos with localized chl altered phenos; 1% PY
K7-19-10	79.85	81.08	1.23	1A	Massive Flows	Green; FG; mod fol; weak string qtz/alb; weak ser patches; mod interstitial bi; mod per chl; barren
K7-19-10	81.08	83.25	2.17	4B	Feldspar Porphyry	Purple; FG-MG; mod fol; mod interstitial bi; mod sil; weak alb banding; weak qtz veinlets; weak hydrothermal pressure with weak ser flooding; 7% phenos; 1% PY
K7-19-10	83.25	92.07	8.82	1B	Pillowed Flows	Light/dark green; FG; mod fol; mod interstitial bi; mod per chl; mod ser/act wispy bleached banding; weak-mod chl altered selvages up to 1cm; weak qtz veinlets; trace k-spar patches in bleaching; contains a small section 4B and a qtz vein; barren
K7-19-10	92.07	95.98	3.91	4E	Pegmatite	Pink/white/black; FG-CG; no fol; mod aplitic texture; 40% k-spar; 15% mafics; 20% white felds; 20% qtz; weak stringer grt; barren
K7-19-10	95.98	110.49	14.51	1B	Pillowed Flows	Light/dark green; FG; mod fol; mod interstitial bi; mod per chl; mod ser/act wispy bleached banding; weak-mod chl altered selvages up to 1cm; weak qtz veinlets/patches; trace k-spar patches in bleaching; contains a small section 4B just before minor 4E and a minor 6B; barren
K7-19-10	110.49	112.75	2.26	4B	Feldspar Porphyry	Purple; FG-MG; mod fol; weak shearing; mod interstitial bi; mod sil; weak alb banding; weak qtz veinlets; trace hydrothermal pressure with trace ser flooding; <5% phenos; very trace PY
K7-19-10	112.75	114.43	1.68	1B	Pillowed Flows	Light/dark green; FG; mod fol; mod interstitial bi; mod per chl; mod ser/act wispy bleached banding; weak-mod chl altered selvages up to 1cm; weak qtz veinlets; trace k-spar patches in bleaching; barren

K7-19-10	114.43	117.77	3.34	4B	Feldspar Porphyry	Purple; FG-MG; mod fol; mod interstitial bi; mod sil; weak-mod alb banding; weak qtz veinlets; trace hydrothermal pressure with trace ser flooding; 10% phenos; trace PY
K7-19-10	117.77	129.12	11.35	1B	Pillowed Flows	fg, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite and epidote occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. <<
K7-19-10	129.12	133.35	4.23	4B	Feldspar Porphyry	fg to mg, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. Minor amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. Minor to amounts of silicification narrow white albite banding intermittently throughout containing some black mafics.
K7-19-10	133.35	135.95	2.6	1B	Pillowed Flows	fg, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite and epidote occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit.
K7-19-10	135.95	151.28	15.33	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. Minor amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. Pink minor granodiorite intrusions cut through unit
K7-19-10	151.28	155.64	4.36	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite and epidote occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions, trace mineralization
K7-19-10	155.64	162.17	6.53	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from
K7-19-10	162.17	164.16	1.99	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	164.16	166.85	2.69	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	166.85	173.66	6.81	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	173.66	175.57	1.91	5B	Granodiorite	fine to medium grained, white granodiorite, unit is has strong pervasive silicification over printing most of the primary crystal boundaries
K7-19-10	175.57	178.07	2.5	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.

K7-19-10	178.07	184.43	6.36	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition <u>but lacking the interstitial biotite</u>
K7-19-10	184.43	185.43	1	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	185.43	189.97	4.54	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition <u>but lacking the interstitial biotite</u>
K7-19-10	189.97	195.47	5.5	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	195.47	196.65	1.18	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition <u>but lacking the interstitial biotite</u>
K7-19-10	196.65	198.32	1.67	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	198.32	199.67	1.35	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition <u>but lacking the interstitial biotite</u>
K7-19-10	199.67	204.06	4.39	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	204.06	206.25	2.19	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition <u>but lacking the interstitial biotite</u>

K7-19-10	206.25	230.07	23.82	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	230.07	231.3	1.23	4E	Pegmatite	coarse grained, white pink pegmatite. Large cm sized quartz and white/pink feldspars comprise most of the unit. Unit also contain large sheets of micas
K7-19-10	231.3	233.67	2.37	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	233.67	236.7	3.03	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures. unit is also intruded by a later 4B that is similar in composition but lacking the interstitial biotite
K7-19-10	236.7	251.76	15.06	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	251.76	252.92	1.16	4E	Pegmatite	coarse grained, white pink pegmatite. Large cm sized quartz and white/pink feldspars comprise most of the unit. Unit also contain large sheets of micas
K7-19-10	252.92	258.82	5.9	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	258.82	264.82	6	4E	Pegmatite	coarse grained, white pink pegmatite. Large cm sized quartz and white/pink feldspars comprise most of the unit. Unit also contain large sheets of micas
K7-19-10	264.82	285.29	20.47	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. 7cm qtz vein at 269conatciosn 10% blebby PY/PO. minor 4B intrusions.
K7-19-10	285.29	291.64	6.35	4E	Pegmatite	coarse grained, white pink pegmatite. Large cm sized quartz and white/pink feldspars comprise most of the unit. Unit also contain large sheets of micas
K7-19-10	291.64	299.78	8.14	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	299.78	315.03	15.25	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.

K7-19-10	315.03	321.04	6.01	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	321.04	322.13	1.09	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	322.13	323.68	1.55	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	323.68	325.75	2.07	4E	Pegmatite	coarse grained, white pink pegmatite. Large cm sized quartz and white/pink feldspars comprise most of the unit. Unit also contain large sheets of micas. 1% py AT 324
K7-19-10	325.75	329.2	3.45	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	329.2	333.67	4.47	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	333.67	342.5	8.83	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	342.5	345.91	3.41	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	345.91	348.24	2.33	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	348.24	364.62	16.38	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	364.62	366.07	1.45	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.

K7-19-10	366.07	368.38	2.31	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions.
K7-19-10	368.38	375.27	6.89	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	375.27	380.21	4.94	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated PY mineralization
K7-19-10	380.21	381.68	1.47	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	381.68	383.08	1.4	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated/blebby PY mineralization located along qtz veins
K7-19-10	383.08	384.18	1.1	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	384.18	385.2	1.02	4ALT	Altered Feldspar Porphyry	fine to medium grained, light grey to purple, altered feldspar porphyry, unit is composed of altered feldspar material that has been sheared. Bands of sericite, and biotite make up the majority of the unit, unit has 1% disseminated PY/PO
K7-19-10	385.2	386.06	0.86	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated/blebby PY mineralization located along qtz veins
K7-19-10	386.06	387.37	1.31	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	387.37	389.9	2.53	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated/blebby PY mineralization located along qtz veins
K7-19-10	389.9	391.17	1.27	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.

K7-19-10	391.17	404.91	13.74	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated/blebby PY mineralization located along qtz veins
K7-19-10	404.91	407.37	2.46	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	407.37	420.27	12.9	1MIN	Mineralized Mafic Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Quartz veinlets and veins intermittently throughout the unit. minor 4B intrusions. 1-2% disseminated/blebby PY mineralization located along qtz veins
K7-19-10	420.27	421.27	1	4B	Feldspar Porphyry	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	421.27	421.63	0.36	1ALT	Altered Mafic Volcanic	Fine to medium grained, green, brown banded altered mafic flows. . Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Unit contains about 2% blebby PY and trace PY
K7-19-10	421.63	425.81	4.18	1B	Pillowed Flows	fine to medium grained, light grey, felsic unit with a slight purple hue. Unit is composed predominately of a fg felsic ground mass with Millimetric feldspar phenocrysts suspended throughout. Phenocrysts contain range from minor to heavy amount of straining. moderate amounts of biotite interstitially. Light green sericite alteration haloes surrounding frequent healed fractures.
K7-19-10	425.81	427.86	2.05	1ALT	Altered Mafic Volcanic	Fine to medium grained, green, brown banded altered mafic flows. . Thin light green alteration bands composed of chlorite epidote and sericite occur throughout along with occasional biotite banding. Unit contains about 2% blebby PY and trace PY
K7-19-10	427.86	519.28	91.42	4A	Quartz Porphyry	Fine to medium grained, mainly grey green, with zones of red and purpled, moderate to strong foliation with possible shearing. interstitial biotite around the porphyry. qtz veinlets and elongated qtz porphyry. trace banded albite, mod flooding of potassic/hematite alteration coming through fractures perpendicular to core axis as well as through some smaller ones along the core axis; moderate sericite alteration from fractures perpendicular to core axis; contains sections of 4B also with around <5-10% felds phenos but is less sheared; has some small sections of 4E- localized trace PY
K7-19-10	519.28	520.58	1.3	1B	Pillowed Flows	fine grained, dark green to dark grey mafic unit with minor to moderate amounts of foliation. Unit is composed predominately of mafic minerals containing thin dark green pillow selvage bands. Thin light green alteration bands composed of chlorite. occasional biotite banding.
K7-19-10	520.58	534	13.42	5A	Granite	fine to medium grained, white to pink coloured granite. Interstitial biotite. Weak foliation show by elongated qtz veins
		EOH				

BHID	AREA	LAB	COA NUMBER	DATE SHIPPED	DATE RECEIVED	SAMPLE_TYPE	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Au GRAV	Au PM
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	17.95	18.95	1	783979	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank				783980	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	18.95	19.42	0.47	783981	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	19.42	20.42	1	783982	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	29.08	30.05	0.97	783983	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	30.05	30.89	0.84	783984	0.104	104		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	30.89	31.53	0.64	783985	0.424	424		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	31.53	32.53	1	783986	0.03	30		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	68.34	69.34	1	783987	0.007	7		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	69.34	70.34	1	783988	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	70.34	70.92	0.58	783989	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 215				783990	3.4	3400		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	70.92	71.8	0.88	783991	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	71.8	72.75	0.95	783992	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	72.75	73.75	1	783993	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	73.75	74.75	1	783994	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	74.75	75.75	1	783995	0.015	15		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	75.75	76.73	0.98	783996	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	76.73	77.6	0.87	783997	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	77.6	78.6	1	783998	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	78.6	79.2	0.6	783999	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank				784000	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	79.2	79.85	0.65	784001	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	79.85	80.4	0.55	784002	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	80.4	81.08	0.68	784003	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	81.08	81.85	0.77	784004	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	81.85	82.4	0.55	784005	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	82.4	83.25	0.85	784006	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	83.25	84.25	1	784007	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	267	268	1	784008	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	268	269	1	784009	0.035	35		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 210				784010	5.65	5650		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	269	270	1	784011	0.031	31		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	270	271	1	784012	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	271	272	1	784013	0.013	13		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	272	273	1	784014	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	273	274	1	784015	0.012	12		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	274	275	1	784016	0.039	39		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	275	276	1	784017	0.022	22		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	276	277	1	784018	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	322.63	323.63	1	784019	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank				784020	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	323.63	324	0.37	784021	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	324	325	1	784022	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	325	325.75	0.75	784023	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	325.75	326.75	1	784024	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	354.65	355.65	1	784029	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 216			0	784030	6.69	6690		

K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	355.65	356.21	0.56	784031	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	356.21	356.58	0.37	784032	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	356.58	357.58	1	784033	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	357.58	358.58	1	784034	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	358.58	359.4	0.82	784035	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	359.4	359.7	0.3	784036	0.018	18		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	359.7	360.7	1	784037	0.018	18		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	360.7	366.07	5.37	784038	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	366.07	367	0.93	784039	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank			0	784040	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	367	368	1	784041	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	368	368.3	0.3	784042	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	368.3	369.3	1	784043	0.0025	< 5		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	374.27	375.27	1	784044	0.007	7		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	375.27	376.27	1	784045	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	376.27	376.84	0.57	784046	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	376.84	377.33	0.49	784047	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	377.33	378.28	0.95	784048	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	378.28	378.68	0.4	784049	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 215			0	784050	3.57	3570		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	378.68	379.58	0.9	784051	0.012	12		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	379.58	380.21	0.63	784052	0.016	16		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	380.21	381.21	1	784053	0.0025	< 5		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	381.21	381.68	0.47	784054	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	381.68	382.68	1	784055	0.043	43		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	382.68	383.08	0.4	784056	0.043	43		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	383.08	383.68	0.6	784057	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	383.68	384.18	0.5	784058	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	384.18	384.83	0.65	784059	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank			0	784060	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	384.83	385.26	0.43	784061	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	385.26	386.2	0.94	784062	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	386.2	386.87	0.67	784063	0.025	25		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	386.87	387.37	0.5	784064	0.026	26		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	387.37	388.37	1	784065	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	388.37	389.37	1	784066	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	389.37	389.81	0.44	784067	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	389.81	390.44	0.63	784068	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	390.44	390.61	0.17	784069	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 210			0	784070	5.48	5480		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	390.61	391.41	0.8	784071	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	391.41	392.17	0.76	784072	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	392.17	393.17	1	784073	0.015	15		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	393.17	394.17	1	784074	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	394.17	395.17	1	784075	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	395.17	396.17	1	784076	0.015	15		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	396.17	396.84	0.67	784077	0.024	24		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	396.84	397.28	0.44	784078	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	397.28	398.28	1	784079	0.008	8		

K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank			0	784080	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	398.28	399.28	1	784081	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	339.8	340.8	1	784082	0.034	34		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	340.8	341.1	0.3	784083	0.012	12		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	341.1	342.1	1	784084	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	399.28	400.28	1	784085	0.013	13		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	400.28	401.18	0.9	784086	0.014	14		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	401.18	401.74	0.56	784087	0.016	16		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	401.74	402.74	1	784088	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	402.74	403.1	0.36	784089	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 216			0	784090	6.73	6730		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	403.1	404.1	1	784091	0.011	11		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	404.1	405.1	1	784092	0.019	19		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	405.1	406.1	1	784093	0.006	6		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	406.1	407	0.9	784094	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	407	407.37	0.37	784095	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	407.37	408.37	1	784096	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	408.37	408.86	0.49	784097	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	408.86	409.22	0.36	784098	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	409.22	409.58	0.36	784099	0.011	11		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank			0	784100	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	409.58	410.39	0.81	784101	0.009	9		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	410.39	411.27	0.88	784102	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	411.27	411.6	0.33	784103	0.012	12		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	411.6	412.6	1	784104	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	412.6	413.6	1	784105	0.007	7		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	413.6	414.6	1	784106	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	414.6	415.6	1	784107	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	415.6	416.6	1	784108	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	416.6	416.9	0.3	784109	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 215				784110	3.49	3490		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	416.9	417.38	0.48	784111	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	417.38	418.38	1	784112	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	418.38	418.7	0.32	784113	0.0025	< 5		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	418.7	419.7	1	784114	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	419.7	420.27	0.57	784115	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	420.27	421.27	1	784116	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	421.27	421.63	0.36	784117	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	421.63	422.63	1	784118	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	422.63	423.63	1	784119	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Blank			0	784120	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	423.63	424	0.37	784121	0.01	10		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	424	424.82	0.82	784122	0.006	6		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	424.82	425.24	0.42	784123	0.0025	< 5		
K7-19-10	K8	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	425.24	425.81	0.57	784124	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	425.81	426.81	1	784125	0.008	8		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	426.81	427.55	0.74	784126	0.007	7		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	427.55	427.87	0.32	784127	0.005	5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	427.87	428.87	1	784128	0.0025	< 5		

K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	Assay	428.87	429.87	1	784129	0.0025	< 5		
K7-19-10	K7	Actlabs	A19-05631	18-Apr-19	30-Apr-19	OREAS 210			0	784130	5.62	5620		

Appendix C – K7 Zone – 2018-2019 Drill Hole Cross Sections

GEOLOGICAL LEGEND

Mafic Intrusives

- 7A-Diabase
- 7B-Diorite
- 7C-Lamprophyre
- 6A-Diorite
- 6B-Gabbro
- 6C-Amphibillite
- 6D-Peridotite
- 6G-Pyroxenite
- 6E-Intermediate Dyke
- 6F-Mafic Dyke

Felsic Intrusives

- 5A-Granite
- 5B-Granodiorite
- 5D-Syenite
- 4A-Quartz Porphyry
- 4B-Feldspar Porphyry
- 4C-Quartz-Feldspar Porphyry
- 4D-Felsite
- 4E-Pegmatite
- 4F-Felsic Dyke
- 4ALT-Altered Feldspar Porphyry

Sediments

- 3A-Greywacke
- 3ALT-Altered Iron Formation w/sulphides
- 3B-Argillite
- 3D-Iron Formation
- 3E-Ferruginous Chert
- 3F-Chert
- 3G-Sulfide Facies Iron Formation
- 3H-Reworked Tuffs
- 3I-Arenite
- 3S-Siltstone

Intermediate Volcanics

- 2E-Intermediate Tuff

Felsic Volcanics

- 2A-Felsic Massive Flows
- 2B-Felsic Tuff
- 2S-Sericite Schist

Mafic Volcanics

- 1A-Massive Mafic Flows
- 1B-Pillowed Mafic Flows
- 1C-Agglomerate
- 1D-Variolitic Flows
- 1E-Amygdaloidal/Vesicular Flows
- 1F-Flow-top Breccia
- 1G-Amphibolitic Flows
- 1H-Mafic Tuff
- 1I-Volcaniclastic
- 1ALT-Altered Mafic Volcanic
- 1N-Hydrothermally Altered Basalt

Early Mafic Intrusive

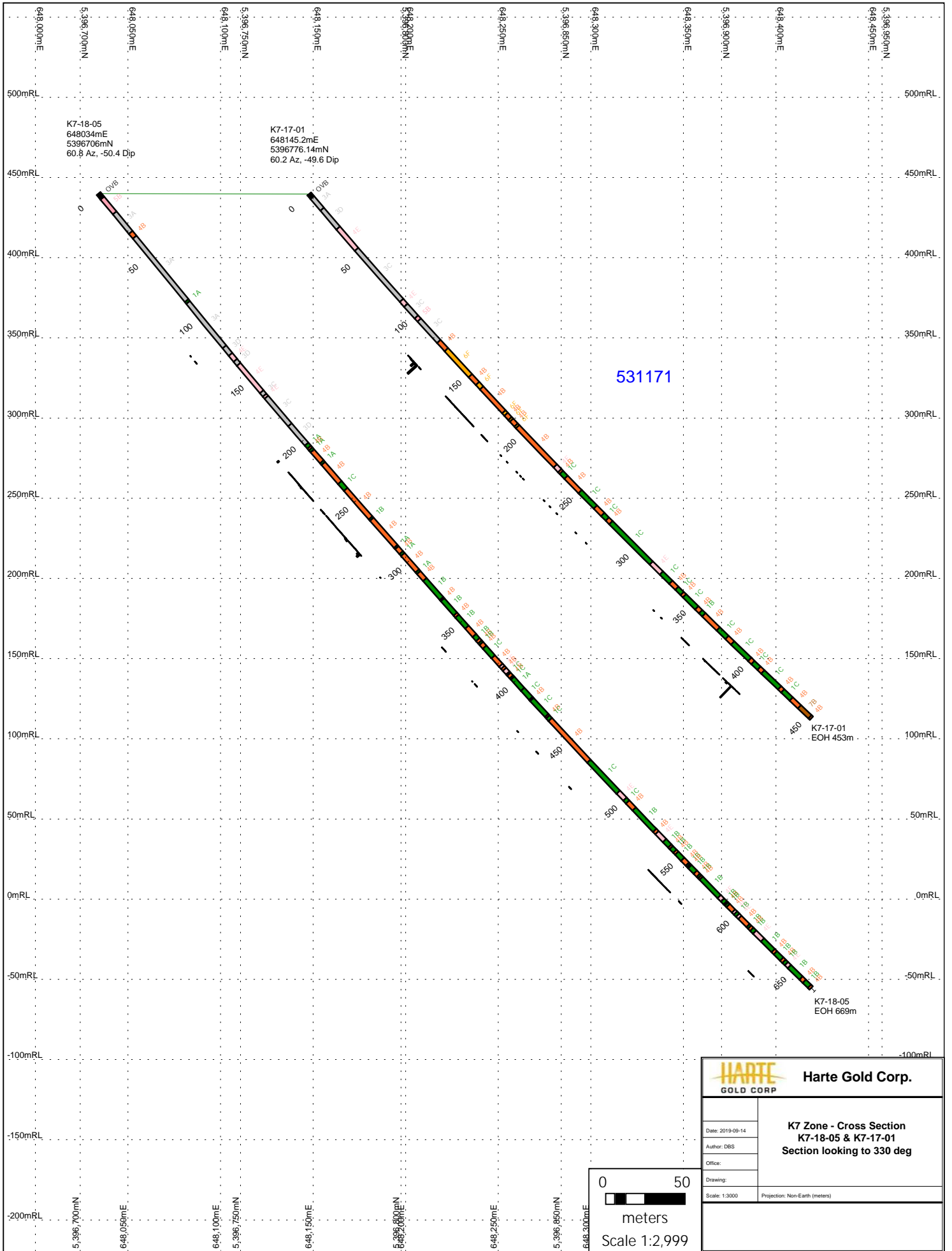
- 1Z-Gabbroic with gradational contacts


Ultramafic Volcanics

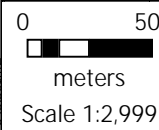
- UM-Ultramafic
- 1U-Ultramafic Flows
- 1UT-Ultramafic Talc/Chlorite Altered

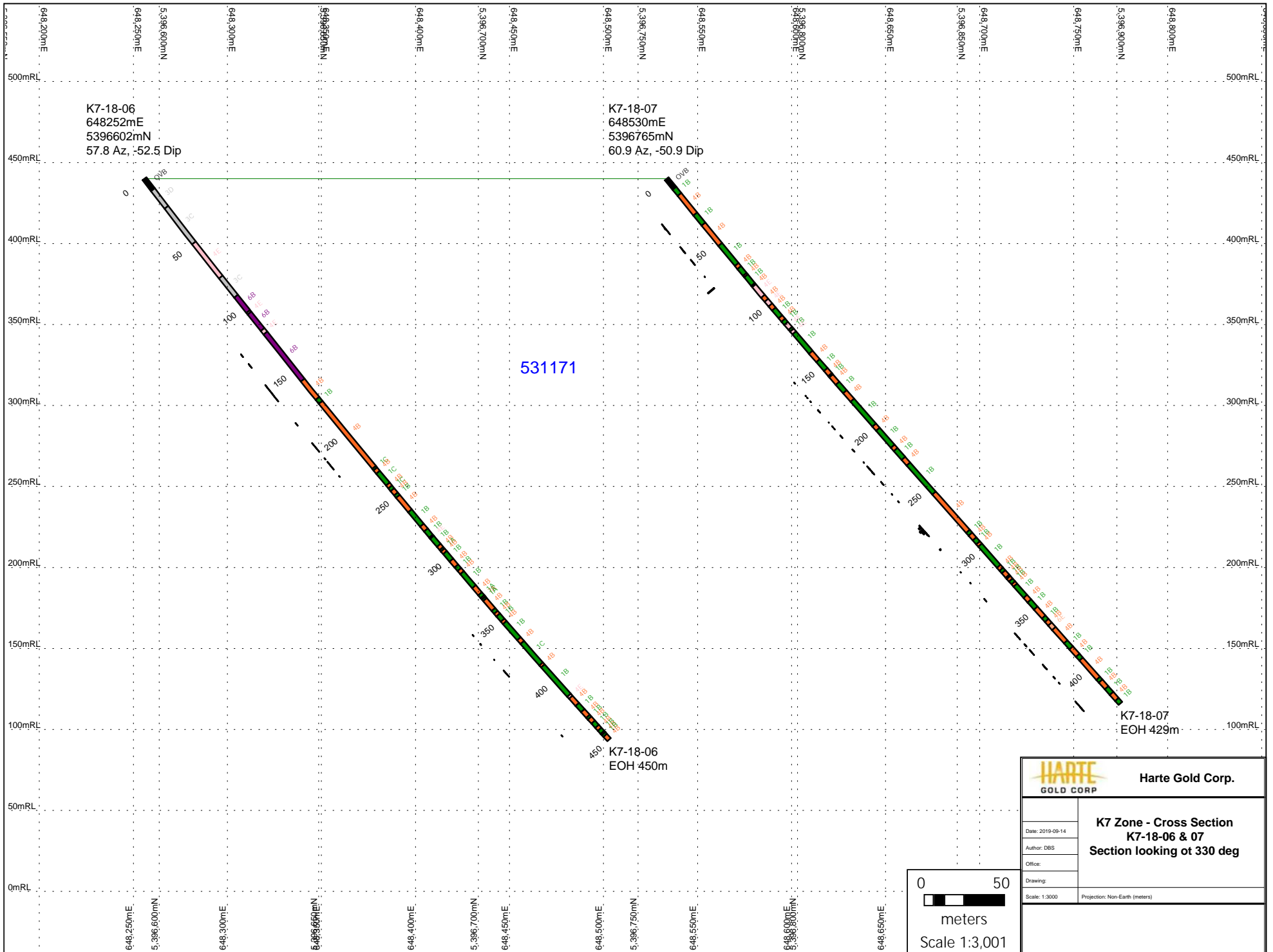
Assay Color Legend

- | | | |
|--|--|--|
| OVB-Overburden | UZ-Upper Zone | 0 - 0.5 |
| CAS-Casing | MZ-Middle Zone | 0.6 - 1 |
| BX-Breccia | LZ-Lower Zone | 1.1 - 3 |
| FLT-Fault | QCV-Quartz-Carbonate Vein | 3.1 - 5 |
| Frac-Z-Fracture Zone | QTCSW-Quartz-Carbonate Stockwork | 5.1 - 8 |
| FZ-Fault Zone | QTSW-Quartz Stockwork | 8.1 - 12 |
| SH-Shear | QV-Quartz Vein | 12.1 - 659 |
| SZ-Shear Zone | QZ-Quartz Zone | |
| | QZ-STR-Quartz Stringer | |

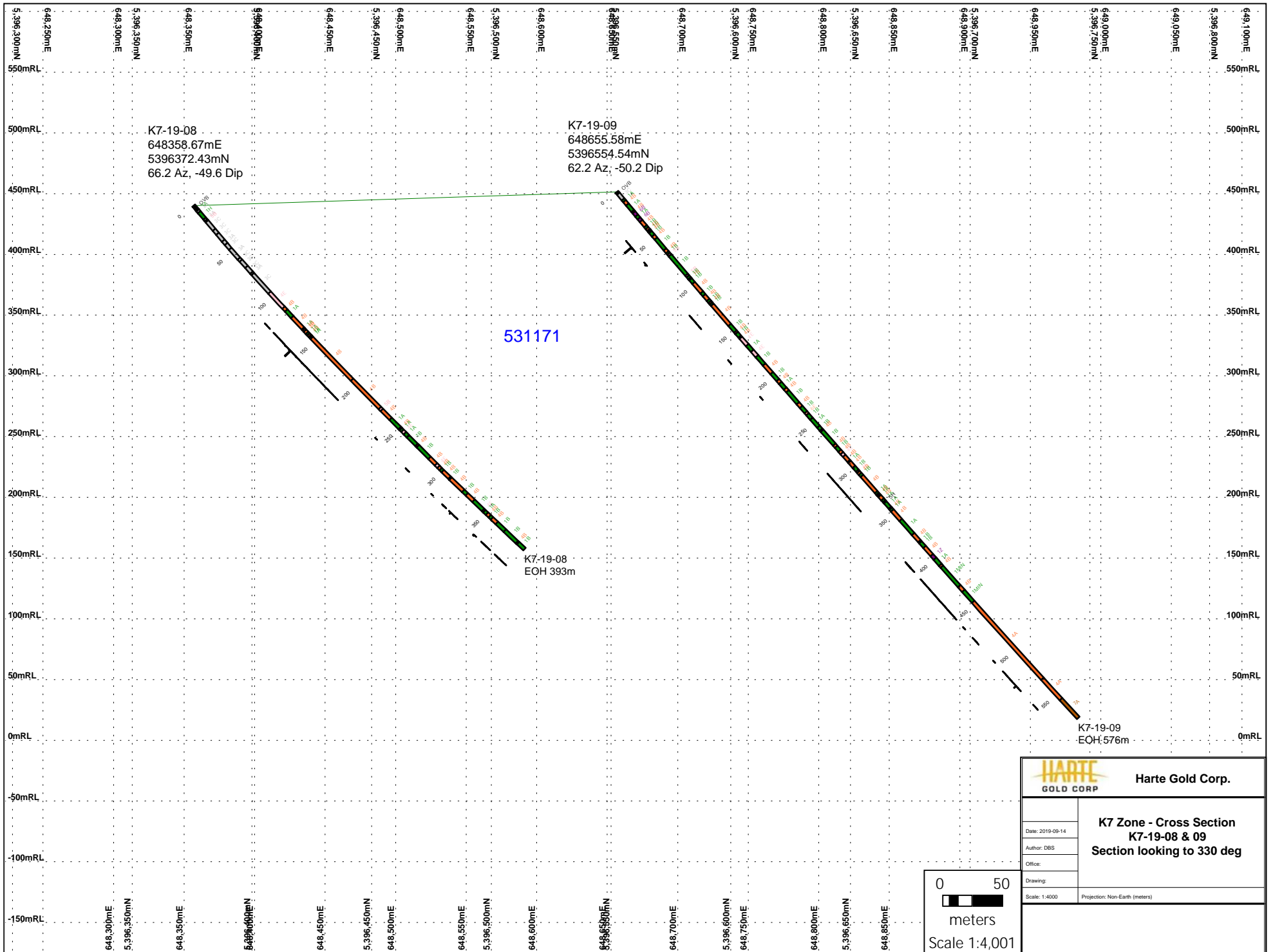


 Harte Gold Corp.	
K7 Zone - Cross Section K7-18-05 & K7-17-01 Section looking to 330 deg	
Date: 2019-09-14	Author: DBS
Office:	Drawing:
Scale: 1:3000	Projection: Non-Earth (meters)

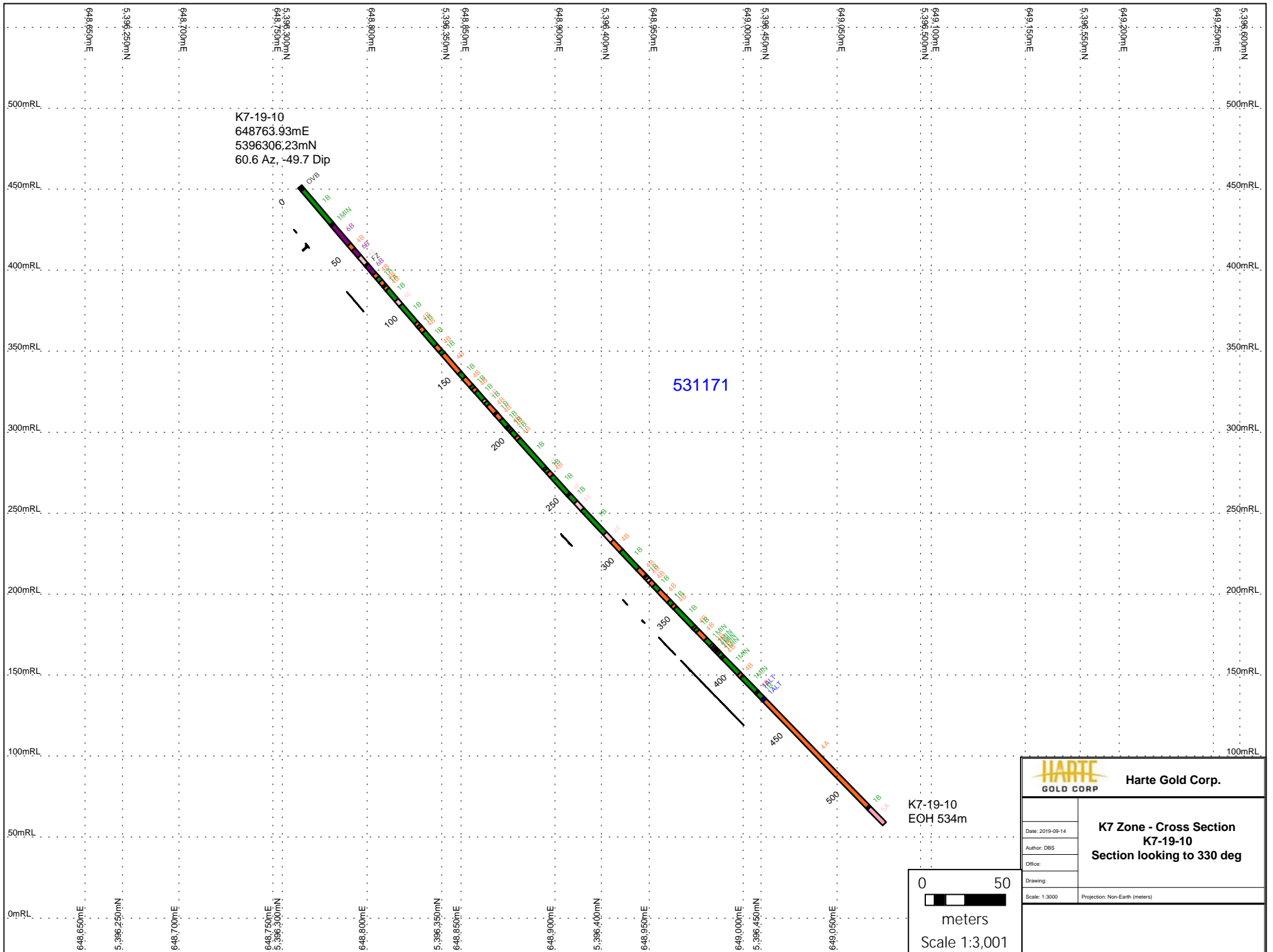




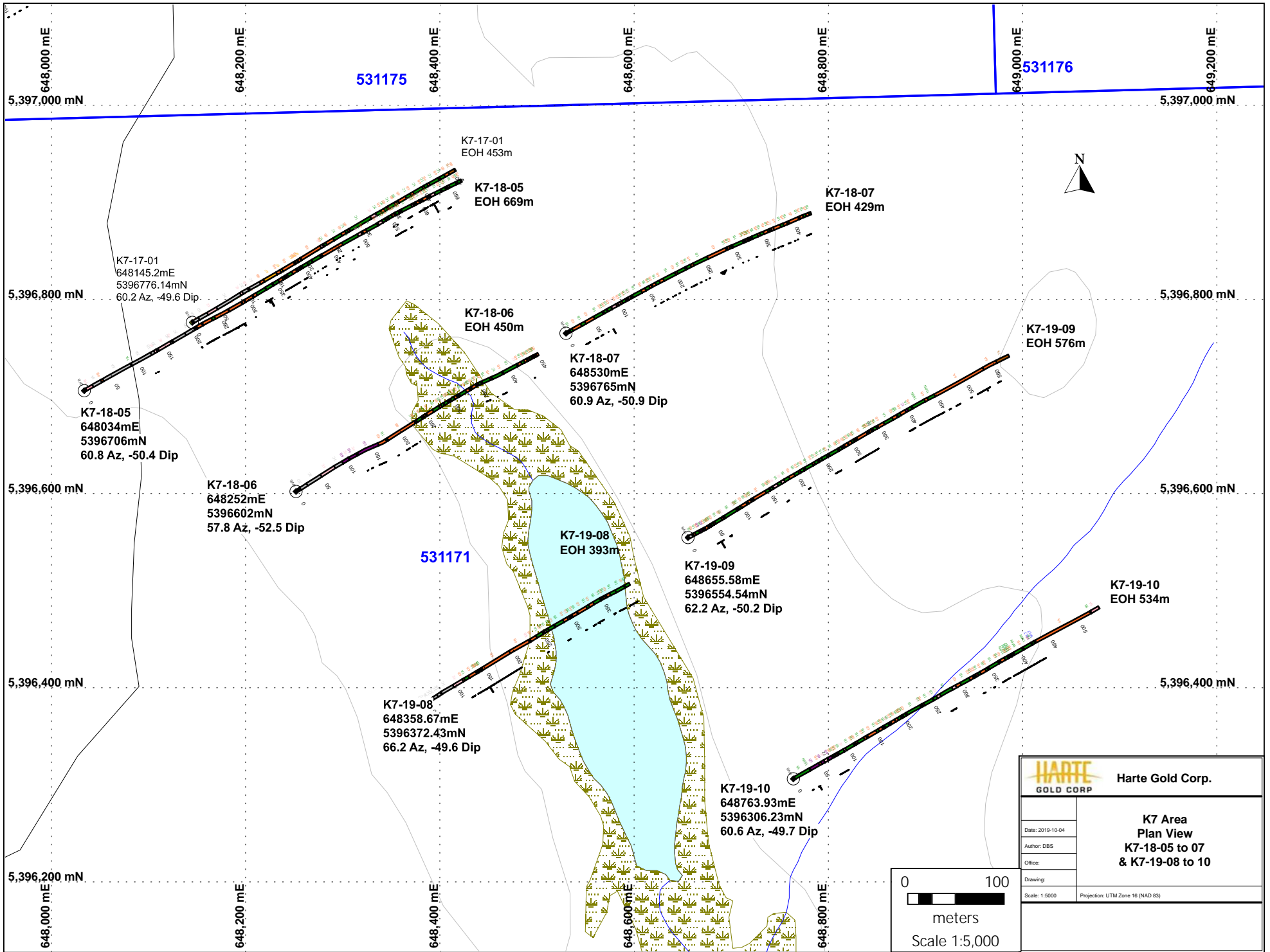
HARTE GOLD CORP.		Harte Gold Corp.	
Date: 2019-09-14		K7 Zone - Cross Section K7-18-06 & 07 Section looking at 330 deg	
Author: DBS			
Office:			
Drawing:		Scale: 1:3000 Projection: Non-Earth (meters)	



		Harte Gold Corp.	
Date: 2019-09-14 Author: DBS Office:		K7 Zone - Cross Section K7-19-08 & 09 Section looking to 330 deg	
Drawing:		Scale: 1:4000 Projection: Non-Earth (meters)	



Appendix D – K7 Zone – 2018-2019 Drill Hole Plans



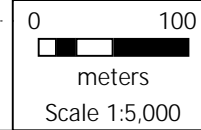
531175

531176

531171



HARTE GOLD CORP.		Harte Gold Corp.	
Date: 2019-10-04		K7 Area Plan View K7-18-05 to 07 & K7-19-08 to 10	
Author: DBS			
Office:			
Drawing:		Projection: UTM Zone 16 (NAD 83)	
Scale: 1:5000			



648,000 mE 648,200 mE 648,400 mE 648,600 mE 648,800 mE 649,000 mE 649,200 mE

5,397,000 mN 5,396,800 mN 5,396,600 mN 5,396,400 mN 5,396,200 mN

K7-17-01
EOH 453m
648145.2mE
5396776.14mN
60.2 Az, -49.6 Dip

K7-18-05
EOH 669m

K7-18-07
EOH 429m

K7-18-06
EOH 450m

K7-18-07
EOH 576m
648530mE
5396765mN
60.9 Az, -50.9 Dip

K7-18-05
EOH 393m
648034mE
5396706mN
60.8 Az, -50.4 Dip

K7-18-06
EOH 534m
648252mE
5396602mN
57.8 Az, -52.5 Dip

K7-19-08
EOH 534m
648358.67mE
5396372.43mN
66.2 Az, -49.6 Dip

K7-19-09
EOH 534m
648655.58mE
5396554.54mN
62.2 Az, -50.2 Dip

K7-19-10
EOH 534m
648763.93mE
5396306.23mN
60.6 Az, -49.7 Dip

Appendix E – K7 Zone – 2018-2019 Actlabs Assay Certificates



Date Submitted: 17-Jan-18
Invoice No.: A18-00549
Invoice Date: 18-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

19 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00549**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with a horizontal line underneath.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
385943	< 5
385944	5
385945	< 5
385946	5
385947	< 5
385948	24
385949	76
385950	5380
385951	7
385952	83
385953	92
385954	10
385955	< 5
385956	< 5
385963	< 5
385964	< 5
385965	8
385966	5
385967	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2600
OREAS 254 Cert	2550
OREAS 218 Meas	529
OREAS 218 Cert	531
385952 Orig	90
385952 Dup	76
Method Blank	< 5



Date Submitted: 17-Jan-18
Invoice No.: A18-00551
Invoice Date: 29-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

32 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00551**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized and somewhat cursive.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
385892	< 5
385893	< 5
385894	< 5
385895	109
385896	< 5
385897	< 5
385898	< 5
385899	< 5
385900	< 5
385901	< 5
385902	< 5
385903	< 5
385904	< 5
385905	6
385906	10
385907	5
385908	42
385909	< 5
385910	3590
385911	68
385912	14
385913	< 5
385914	7
385915	13
385916	9
385917	6
385918	< 5
385919	< 5
385920	< 5
385921	< 5
385922	< 5
385923	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2430
OREAS 254 Cert	2550
OREAS 218 Meas	548
OREAS 218 Cert	531
385901 Orig	< 5
385901 Dup	< 5
385911 Orig	80
385911 Dup	55
385921 Orig	< 5
385921 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 19-Jan-18
Invoice No.: A18-00625
Invoice Date: 29-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East, Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

26 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00625**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
385924	24
385925	< 5
385926	7
385927	30
385928	< 5
385929	< 5
385930	6680
385931	6
385932	5
385933	< 5
385934	< 5
385935	5
385936	< 5
385937	6
385938	< 5
385939	10
385940	< 5
385941	< 5
385942	< 5
385957	< 5
385958	22
385959	146
385960	< 5
385961	247
385962	12
385968	15

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2620
OREAS 254 Cert	2550
OREAS 218 Meas	537
OREAS 218 Cert	531
385936 Orig	< 5
385936 Dup	< 5
385961 Orig	212
385961 Dup	282
Method Blank	< 5
Method Blank	< 5



Date Submitted: 22-Jan-18
Invoice No.: A18-00646
Invoice Date: 23-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

28 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00646**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
385984	< 5
385985	< 5
385986	5
385987	11
385988	12
385989	< 5
385990	6600
385991	8
385992	< 5
385993	< 5
385994	< 5
385995	8
385996	6
385997	< 5
385998	< 5
385999	< 5
38600	< 5
384301	< 5
384302	< 5
384303	< 5
384304	< 5
384305	< 5
384306	< 5
384307	< 5
384308	< 5
384309	10
384310	5460
384311	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2580
OREAS 254 Cert	2550
OREAS 218 Meas	536
OREAS 218 Cert	531
385993 Orig	< 5
385993 Dup	< 5
384303 Orig	< 5
384303 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 22-Jan-18
Invoice No.: A18-00647
Invoice Date: 31-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00647**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font with a horizontal line underneath it.

Emmanuel Esemé , Ph.D.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
385969	6
385970	3550
385971	< 5
385972	< 5
385973	< 5
385974	< 5
385975	< 5
385976	< 5
385977	< 5
385978	< 5
385979	< 5
385980	< 5
385981	< 5
385982	13
385983	7

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2610
OREAS 254 Cert	2550
OREAS 254 Meas	2510
OREAS 254 Cert	2550
OREAS 218 Meas	538
OREAS 218 Cert	531
OREAS 218 Meas	533
OREAS 218 Cert	531
385978 Orig	< 5
385978 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 22-Jan-18
Invoice No.: A18-00669
Invoice Date: 29-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

5 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00669**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a horizontal line at the end.

Emmanuel Esemé , Ph.D.
Quality Control

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TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384312	6
384313	< 5
384314	< 5
384315	9
384316	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2500
OREAS 254 Cert	2550
OREAS 218 Meas	526
OREAS 218 Cert	531
384314 Orig	< 5
384314 Dup	< 5
Method Blank	< 5



Date Submitted: 22-Jan-18
Invoice No.: A18-00671
Invoice Date: 22-Feb-18
Your Reference: Exploration

**Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5**

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

16 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A18-00671**

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384272	74.0	> 3.00	1.08	8.52	2.13	2.76	< 0.1	63	41	394	2.58	1.7	50	28.5	0.6	0.8	0.2	< 0.05	1.91	10.6	0.72	0.07	< 0.1
384273	95.4	> 3.00	1.07	8.52	2.15	2.86	< 0.1	59	33	454	2.96	2.7	50	22.4	0.7	1.1	0.2	< 0.05	3.04	11.4	0.68	0.08	0.1
384274	190	> 3.00	0.92	8.17	1.19	2.04	< 0.1	38	24	281	2.22	2.3	40	14.1	0.4	1.8	0.1	< 0.05	20.5	7.0	0.54	0.04	0.2
384275	> 400	1.30	4.91	7.30	2.23	3.00	< 0.3	141	1090	1470	7.22	1.5	40	627	1.6	5.8	0.5	< 0.05	> 100	64.0	0.65	0.52	0.3
384276	120	0.75	1.22	9.08	0.88	0.85	< 0.1	102	73	886	6.30	2.3	40	36.7	1.4	0.5	0.4	0.21	6.65	22.6	0.74	0.54	0.6
384277	28.3	0.50	5.10	4.74	0.24	9.07	0.3	263	139	1570	10.4	0.5	10	223	1.9	0.7	0.6	0.19	12.8	69.2	1.02	0.89	0.4
384278	43.9	> 3.00	0.43	9.12	1.35	2.11	< 0.1	29	26	195	1.55	2.7	20	3.6	0.3	0.8	0.1	< 0.05	3.40	4.5	0.45	0.02	0.2
384279	45.9	1.85	4.53	8.40	0.33	7.21	< 0.1	239	180	1270	7.56	1.0	< 10	68.2	1.9	0.4	0.6	< 0.05	3.36	39.1	0.62	0.57	0.2
384280	54.7	1.75	3.08	7.92	0.42	8.59	0.2	219	138	1350	7.49	0.6	20	64.8	2.0	3.6	0.6	0.06	2.45	44.0	0.71	1.87	0.1
384281	109	1.96	4.45	7.77	0.18	7.62	< 0.1	217	178	1450	7.68	0.7	20	75.7	2.0	0.4	0.6	0.06	1.51	46.8	0.60	0.26	< 0.1
384282	49.4	> 3.00	0.33	4.31	1.50	1.85	< 0.1	30	32	199	1.38	2.5	50	7.8	0.2	1.0	0.1	< 0.05	7.18	4.4	0.23	0.03	< 0.1
384283	110	2.71	2.79	8.33	1.30	6.39	0.3	223	62	1150	7.08	1.9	50	49.8	2.0	1.2	0.6	< 0.05	14.6	38.8	1.37	0.47	0.2
384284	67.8	1.80	3.60	8.10	0.32	7.81	0.2	220	153	1500	9.48	0.6	50	106	3.0	0.5	0.9	0.09	1.34	50.6	0.83	0.31	0.1
384285	68.2	1.73	2.88	7.94	0.28	8.27	0.2	184	164	1680	10.2	0.4	40	101	2.8	0.4	0.9	0.16	1.35	51.2	0.88	0.66	0.3
384286	183	1.53	3.58	8.04	0.34	8.08	0.1	221	147	1650	10.2	0.5	50	117	3.0	1.0	0.9	0.20	3.44	52.1	0.83	1.57	0.2
384287	98.9	1.40	3.83	7.48	0.21	7.84	0.1	269	121	1470	9.61	0.7	30	124	2.8	0.9	0.8	0.21	2.11	54.2	0.80	0.70	0.4

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384272	66.9	18.4	< 0.1	44.3	5.9	485	68	1.3	0.49	< 0.1	< 1	< 0.1	< 0.1	576	15.0	38.4	4.0	15.0	2.5	2.0	0.2	1.1	12.1
384273	86.9	21.0	< 0.1	41.6	6.8	470	104	0.8	0.31	< 0.1	< 1	< 0.1	< 0.1	630	17.2	41.2	4.3	16.2	2.5	2.1	0.3	1.2	14.3
384274	21.5	18.7	< 0.1	97.8	3.8	228	87	3.0	0.39	< 0.1	< 1	< 0.1	< 0.1	353	14.8	33.0	3.5	12.6	1.7	1.4	0.2	0.7	54.1
384275	150	18.7	< 0.1	789	14.1	110	55	2.1	1.08	< 0.1	2	< 0.1	< 0.1	177	8.6	20.3	2.4	9.8	2.1	2.4	0.4	2.1	100
384276	77.9	18.9	< 0.1	27.2	12.4	148	90	4.5	0.81	< 0.1	< 1	< 0.1	< 0.1	288	17.0	36.4	3.9	14.5	2.4	2.4	0.4	2.0	196
384277	102	15.5	< 0.1	25.1	16.5	312	12	0.2	0.15	< 0.1	< 1	< 0.1	< 0.1	58	4.7	13.7	2.0	10.6	2.9	3.6	0.6	3.1	321
384278	52.9	20.6	< 0.1	36.2	2.8	316	101	0.7	0.23	< 0.1	< 1	< 0.1	< 0.1	174	10.2	25.4	2.7	10.3	1.8	1.3	0.1	0.6	2.2
384279	92.2	18.1	< 0.1	19.2	15.8	185	34	1.4	0.44	< 0.1	< 1	< 0.1	< 0.1	46	5.2	12.8	1.6	6.9	1.8	2.6	0.4	2.6	9.4
384280	82.0	15.8	< 0.1	21.3	16.5	143	13	0.3	3.06	< 0.1	< 1	< 0.1	< 0.1	77	3.0	8.4	1.2	6.1	1.7	2.6	0.5	2.7	58.7
384281	74.6	14.4	< 0.1	10.8	16.5	312	19	0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	43	2.7	7.8	1.1	5.8	1.5	2.5	0.5	2.8	134
384282	36.6	19.2	< 0.1	22.4	1.9	199	91	2.5	0.34	< 0.1	< 1	< 0.1	< 0.1	282	3.5	10.5	1.0	4.1	0.7	0.6	0.1	0.4	4.9
384283	105	15.4	< 0.1	86.3	16.7	882	73	0.6	0.65	< 0.1	< 1	< 0.1	< 0.1	717	25.7	60.0	7.1	29.3	4.9	4.5	0.6	3.0	69.4
384284	104	16.9	< 0.1	13.2	24.2	333	17	0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	41	3.9	11.3	1.7	8.3	2.6	3.5	0.7	4.0	66.8
384285	104	17.1	< 0.1	6.9	24.0	197	8	0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	31	3.8	11.2	1.6	8.3	2.5	3.7	0.7	4.0	115
384286	111	18.6	< 0.1	41.7	23.8	220	11	0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	22	3.6	10.5	1.6	8.2	2.2	3.6	0.7	4.0	142
384287	104	17.5	< 0.1	8.4	23.0	147	17	0.4	5.13	< 0.1	< 1	< 0.1	< 0.1	44	3.4	9.6	1.5	7.8	2.3	3.4	0.6	3.7	126

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
384272	< 0.1	0.1	0.5	0.1	< 0.1	< 0.1	< 0.001	0.23	5.5	7	1.8	0.4	0.272	0.049	0.03
384273	< 0.1	0.1	0.6	0.1	< 0.1	< 0.1	< 0.001	0.24	6.8	7	2.5	0.5	0.286	0.040	< 0.01
384274	< 0.1	0.1	0.3	0.1	0.2	< 0.1	< 0.001	0.77	3.1	4	1.9	0.4	0.179	0.037	0.34
384275	1.0	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	5.56	9.9	24	1.4	0.6	0.315	0.023	0.14
384276	< 0.1	0.2	1.1	0.2	0.3	< 0.1	< 0.001	0.17	4.2	15	2.0	0.5	0.323	0.045	0.49
384277	0.2	0.3	1.5	0.2	< 0.1	< 0.1	0.001	0.25	1.1	49	0.4	0.1	0.444	0.028	0.38
384278	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.001	0.25	5.6	3	1.8	0.5	0.195	0.043	< 0.01
384279	0.5	0.3	1.7	0.3	< 0.1	< 0.1	0.001	0.10	1.0	40	0.6	0.2	0.414	0.027	0.02
384280	0.4	0.3	1.8	0.3	< 0.1	< 0.1	0.007	0.20	2.4	40	0.2	0.2	0.335	0.023	0.06
384281	0.3	0.3	1.9	0.3	< 0.1	< 0.1	< 0.001	0.07	0.9	40	0.2	0.1	0.313	0.022	0.04
384282	< 0.1	< 0.1	0.2	< 0.1	0.2	0.2	< 0.001	0.31	8.2	2	0.8	0.4	0.164	0.025	0.01
384283	< 0.1	0.3	1.7	0.3	< 0.1	< 0.1	< 0.001	0.67	5.8	22	3.0	0.8	0.449	0.107	0.26
384284	< 0.1	0.4	2.7	0.4	< 0.1	< 0.1	0.001	0.09	1.9	40	0.3	0.1	0.222	0.027	0.05
384285	0.2	0.4	2.7	0.4	< 0.1	< 0.1	0.002	0.07	1.1	41	0.5	9.5	0.280	0.034	0.39
384286	0.2	0.4	2.7	0.4	< 0.1	< 0.1	< 0.001	0.43	1.3	41	0.3	0.1	0.303	0.026	0.46
384287	0.2	0.4	2.6	0.4	< 0.1	< 0.1	0.003	0.10	1.1	39	0.3	0.1	0.436	0.028	1.05

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	11.0	0.50	1.58	6.61	3.43	0.95	0.3	86	52	131	2.84	1.3	210	39.7		2.0		3.30	2.54	13.4	1.30	18.5	5.8
GXR-4 Cert	11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	5.60
GXR-4 Meas	10.2																						
GXR-4 Cert	11.1																						
SDC-1 Meas	37.4	1.56	0.98	8.92	2.54	1.06		58	64	834	4.76	1.2	60	36.3	3.7	3.0	1.1		4.02	18.4	1.45		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas	34.3																						
SDC-1 Cert	34.0																						
GXR-6 Meas	36.4	0.09	0.61	0.14	2.00	0.18	0.1	157	59	972	5.41	2.5	110	24.7		1.2		0.19	4.16	13.6	0.59	0.17	0.8
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
GXR-6 Meas	33.6																						
GXR-6 Cert	32.0																						
DNC-1a Meas	4.6							153	251					275						57.9	0.54		
DNC-1a Cert	5.2							148	270					247						57	0.59		
DNC-1a Meas	4.7																						
DNC-1a Cert	5.2																						
SBC-1 Meas	165						0.4	223	87			3.2		87.7	3.7	3.3	1.1		8.11	22.5	1.77	0.69	
SBC-1 Cert	163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas	165																						
SBC-1 Cert	163																						
OREAS 45d (4-Acid) Meas	19.9	0.08	0.22	7.92	0.38	0.18		101	528	431	13.4	2.2		225	1.4	0.8	0.4		3.60	28.3	0.55	0.33	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
OREAS 45d (4-Acid) Meas	19.6																						
OREAS 45d (4-Acid) Cert	21.5																						
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	9	7	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5																						
Method Blank	< 0.5																						

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	69.3	15.6	92.8	120	12.0	194	44	9.7	300	0.2	6	5.2	0.9	89	54.3	106		40.9	6.1	4.8	0.5	2.4	5920
GXR-4 Cert	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60	6520
GXR-4 Meas																							
GXR-4 Cert																							
SDC-1 Meas	100	20.0	< 0.1	109		172	44	0.1			< 1	< 0.1		672	39.3	88.4		39.6	7.3	7.2	1.1	5.6	30.4
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
SDC-1 Meas																							
SDC-1 Cert																							
GXR-6 Meas	124	25.9	260	75.5	11.7	39.1	91	1.9	0.74	< 0.1	< 1	1.3	< 0.1	1410	12.5	35.6		12.7	2.3	2.4	0.4	2.1	67.0
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
GXR-6 Meas																							
GXR-6 Cert																							
DNC-1a Meas	62.7	12.8		3.4	15.9	147	44	1.5				0.3		111	3.7			5.0					99.3
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100
DNC-1a Meas																							
DNC-1a Cert																							
SBC-1 Meas	199	23.2	22.4	132	30.1	175	123	11.3	2.23		2	1.1		567	49.3	107	12.3	48.9	9.3	8.2	1.2	5.9	32.2
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas	38.1	18.3	5.0	35.7	10.4	30.1	90	0.2	0.25	< 0.1	< 1	< 0.1		187	15.7	34.8	3.7	13.6	2.6	2.4	0.4	2.0	335
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
Method Blank	< 0.2	0.2	< 0.1	< 0.2	< 0.1	< 0.2	2	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank																							
Method Blank																							

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas										1			0.0250	0.061	0.24
GXR-1 Cert										1.58			0.036	0.0650	0.257
DH-1a Meas											> 500	2220			
DH-1a Cert											910	2629			
GXR-4 Meas		0.2	1.0	0.1	0.6	36.0		3.01	51.8	8	18.9	5.4	0.298	0.143	1.81
GXR-4 Cert		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas															
GXR-4 Cert															
SDC-1 Meas		0.5	3.2		< 0.1	< 0.1		0.60	25.6	15	11.6	2.8	0.244	0.059	
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas															
SDC-1 Cert															
GXR-6 Meas			1.6	0.3	0.1	0.4		2.09	105	29	5.1	1.4		0.039	0.02
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas															
GXR-6 Cert															
DNC-1a Meas			1.9						5.6	29			0.277		
DNC-1a Cert			2.0						6.3	31			0.29		
DNC-1a Meas															
DNC-1a Cert															
SBC-1 Meas		0.5	3.2	0.5	0.8	< 0.1		0.86	37.0	21	15.6	5.4	0.486		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas															
SBC-1 Cert															
OREAS 45d (4-Acid) Meas			1.4	0.2	< 0.1	< 0.1		0.23	21.2	53	13.8	2.5	0.224	0.037	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas															
OREAS 45d (4-Acid) Cert															
SdAR-M2 (U.S.G.S.) Meas										4					
SdAR-M2 (U.S.G.S.) Cert										4.1					
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank										< 1			< 0.0005	< 0.001	< 0.01
Method Blank															



Date Submitted: 24-Jan-18
Invoice No.: A18-00815
Invoice Date: 05-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

24 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00815**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384317	< 5
384318	< 5
384319	6
384320	< 5
384321	16
384322	< 5
384323	< 5
384324	< 5
384325	< 5
384326	< 5
384327	< 5
384328	< 5
384329	< 5
384330	3260
384331	< 5
384332	< 5
384333	< 5
384334	< 5
384335	12
384336	< 5
384337	< 5
384338	6
384339	< 5
384340	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2410
OREAS 254 Cert	2550
OREAS 218 Meas	526
OREAS 218 Cert	531
384326 Orig	< 5
384326 Dup	< 5
384336 Orig	< 5
384336 Dup	5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 26-Jan-18
Invoice No.: A18-00892
Invoice Date: 29-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

10 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00892**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with a horizontal line underneath.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384359	< 5
384360	< 5
384361	29
384362	11
384363	< 5
384364	7
384365	13
384366	8
384367	< 5
384368	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2430
OREAS 254 Cert	2550
OREAS 218 Meas	523
OREAS 218 Cert	531
384359 Orig	< 5
384359 Dup	< 5
Method Blank	< 5



Date Submitted: 29-Jan-18
Invoice No.: A18-00924
Invoice Date: 30-Jan-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

11 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00924**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384372	5
384373	6
384374	19
384375	49
384376	< 5
384377	< 5
384378	< 5
384379	< 5
384380	< 5
384391	15
384392	497

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2540
OREAS 254 Cert	2550
OREAS 218 Meas	544
OREAS 218 Cert	531
384391 Orig	14
384391 Dup	15
Method Blank	< 5



Date Submitted: 29-Jan-18
Invoice No.: A18-00926
Invoice Date: 05-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

21 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00926**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384341	6
384342	7
384343	< 5
384344	< 5
384345	< 5
384346	< 5
384347	< 5
384348	< 5
384349	< 5
384350	6560
384351	5
384352	5
384353	< 5
384354	< 5
384355	< 5
384356	< 5
384357	< 5
384358	< 5
384369	< 5
384370	5610
384371	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2570
OREAS 254 Cert	2550
OREAS 218 Meas	503
OREAS 218 Cert	531
384351 Orig	5
384351 Dup	5
384371 Orig	< 5
384371 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 29-Jan-18
Invoice No.: A18-00933
Invoice Date: 13-Mar-18
Your Reference: Exploration

**Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5**

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

10 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A18-00933**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384288	321	0.88	6.32	4.52	0.12	3.72	0.1	139	1320	1040	6.16	1.3	< 10	658	1.1	0.4	0.4	< 0.05	34.3	52.6	0.61	0.64	0.4
384289	> 400	1.60	3.17	6.62	1.11	1.61	0.2	190	339	842	6.03	1.7	< 10	149	1.2	0.7	0.4	0.07	36.2	42.3	0.65	0.28	0.6
384290	196	1.02	6.38	5.39	1.47	7.13	0.1	388	174	1340	10.8	0.6	< 10	61.6	1.9	1.0	0.7	< 0.05	12.4	61.9	1.42	0.41	0.2
384291	212	> 3.00	0.39	6.35	2.15	1.92	< 0.1	29	48	241	1.47	2.6	< 10	5.7	0.2	1.7	0.1	< 0.05	11.9	4.3	0.45	0.03	0.1
384292	79.7	> 3.00	0.74	7.18	0.91	2.41	< 0.1	40	27	335	2.35	2.4	< 10	8.2	0.4	1.5	0.1	< 0.05	20.4	6.8	0.45	0.35	0.2
384293	55.6	1.29	3.96	7.61	0.23	8.74	0.2	242	115	1490	8.40	0.6	< 10	67.5	2.1	0.3	0.6	0.11	1.66	46.1	0.70	0.20	0.3
384294	95.6	1.70	3.70	6.97	0.28	10.0	< 0.1	254	114	1590	8.02	0.6	< 10	62.4	2.1	1.3	0.7	0.05	0.78	42.8	0.67	1.43	0.2
384295	62.7	1.11	6.14	7.08	0.62	10.3	0.2	230	369	1560	8.22	0.7	< 10	249	1.7	0.4	0.5	< 0.05	13.2	60.5	0.60	0.91	0.3
384296	31.7	1.69	2.68	7.22	0.22	8.11	0.2	160	116	1690	8.87	0.4	< 10	92.9	2.7	0.6	0.9	0.11	2.20	46.7	0.82	0.78	0.3
384297	85.3	2.80	1.06	6.93	1.57	3.13	< 0.1	68	52	471	2.74	2.4	< 10	23.9	0.6	1.7	0.2	0.11	19.0	13.2	0.75	0.38	0.4

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384288	75.2	10.8	< 0.1	14.5	10.5	94.4	52	1.2	0.87	< 0.1	< 1	< 0.1	< 0.1	18	8.0	17.9	2.1	8.4	1.4	1.8	0.3	1.8	37.4
384289	113	13.4	< 0.1	103	10.8	155	70	2.2	2.69	< 0.1	< 1	< 0.1	< 0.1	291	9.5	21.0	2.4	9.6	2.1	2.1	0.3	1.9	96.3
384290	91.3	15.2	< 0.1	113	17.7	465	17	0.1	0.09	0.1	< 1	< 0.1	< 0.1	296	10.4	29.5	4.5	21.7	5.0	4.8	0.6	3.6	146
384291	37.3	20.1	< 0.1	150	3.1	243	105	1.5	0.73	< 0.1	< 1	< 0.1	< 0.1	336	11.0	25.1	2.5	9.4	1.6	1.2	0.1	0.5	5.5
384292	35.0	17.9	0.3	41.3	4.3	247	103	3.5	4.00	< 0.1	< 1	< 0.1	< 0.1	188	13.1	29.3	2.8	9.5	1.3	1.3	0.1	0.8	13.4
384293	74.2	15.5	< 0.1	3.3	18.8	226	15	0.2	0.23	< 0.1	< 1	< 0.1	< 0.1	45	3.0	7.9	1.1	5.8	1.9	2.6	0.4	3.1	151
384294	85.6	15.0	< 0.1	9.6	18.4	191	14	0.1	1.36	< 0.1	< 1	< 0.1	< 0.1	100	2.8	7.6	1.1	5.9	1.9	2.8	0.5	3.2	94.8
384295	91.8	13.3	< 0.1	33.5	14.8	236	18	0.6	83.5	< 0.1	< 1	< 0.1	< 0.1	98	2.3	6.2	1.0	4.6	1.5	2.1	0.3	2.4	6.3
384296	101	16.5	< 0.1	5.3	23.8	185	10	0.1	0.32	< 0.1	< 1	< 0.1	< 0.1	31	3.5	9.6	1.4	7.3	2.4	3.3	0.5	4.0	116
384297	54.8	17.4	< 0.1	73.0	6.5	329	105	6.0	1.11	< 0.1	< 1	< 0.1	< 0.1	464	20.8	55.2	5.1	18.3	2.8	2.2	0.2	1.2	27.5

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
384288	0.4	0.1	1.1	0.2	< 0.1	0.3	0.001	0.08	2.9	19	1.2	0.2	0.214	0.022	0.08
384289	0.1	0.2	1.3	0.2	< 0.1	0.2	0.002	0.60	3.9	24	1.3	0.3	0.402	0.029	0.39
384290	0.1	0.3	1.5	0.2	< 0.1	0.1	< 0.001	0.90	4.3	72	0.6	0.2	0.237	0.077	0.18
384291	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.2	< 0.001	1.24	7.4	3	2.0	0.6	0.148	0.028	< 0.01
384292	< 0.1	0.1	0.3	0.1	0.2	0.8	0.001	0.38	5.2	4	1.9	0.5	0.176	0.042	0.44
384293	0.8	0.3	2.0	0.3	< 0.1	0.1	0.002	< 0.05	1.5	40	0.3	0.1	0.297	0.024	0.08
384294	0.5	0.3	2.0	0.3	< 0.1	0.1	0.002	0.09	2.3	39	0.2	0.1	0.269	0.022	0.06
384295	1.0	0.2	1.6	0.2	< 0.1	0.1	0.050	0.21	3.4	31	0.2	0.2	0.288	0.018	0.02
384296	0.1	0.4	2.6	0.4	< 0.1	0.1	0.003	0.06	1.6	37	0.4	0.1	0.163	0.034	0.18
384297	< 0.1	0.1	0.5	0.1	0.1	1.0	0.001	0.52	4.0	7	3.2	0.6	0.246	0.061	0.49

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	8.0	0.04	0.19	2.07	0.04	0.85	3.0	83	30	792	23.3	0.5	4620	37.5		1.0		32.8	2.95	7.1	0.66	1770	16.5
GXR-1 Cert	8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380	16.6
GXR-1 Meas	7.9	0.04	0.19	2.17	0.04	0.88	3.4	86	13	792	22.3	0.1	1690	37.4		1.0		31.1	2.84	6.9	0.61	1700	13.8
GXR-1 Cert	8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380	16.6
GXR-1 Meas	8.1	0.04	0.21	2.29	0.04	0.88	2.5	78	20	891	25.8	0.4	4500	40.3		0.7		35.2	2.61	7.9	0.57	1510	14.6
GXR-1 Cert	8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380	16.6
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	10.8	0.52	1.70	7.15	1.93	1.00	0.3	80	47	158	3.04	1.2	330	38.0		1.9		3.72	2.37	13.2	1.31	19.7	5.1
GXR-4 Cert	11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	5.60
GXR-4 Meas																							
GXR-4 Cert																							
GXR-4 Meas																							
GXR-4 Cert																							
GXR-4 Meas																							
GXR-4 Cert																							
SDC-1 Meas	33.8	1.46	0.95	7.74	2.19	1.01		56	44	895	4.72	1.1	< 10	34.6	3.5	3.0	1.2		3.84	17.1	1.47		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas	39.2	1.65	1.07	7.37	1.99	1.07		57	56	868	4.91	1.2	< 10	34.7	3.4	3.1	1.2		3.71	17.7	1.38		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas	35.4	1.64	1.06	9.11	2.29	1.06		44	56	880	4.95	1.0	70	34.5	3.8	2.8	1.2		3.61	17.6	1.34		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas																							
SDC-1 Cert																							
GXR-6 Meas	37.8	0.10	0.66	1.55	1.93	0.19	0.1	197	67	1130	5.98	2.8	60	26.5		1.2		0.19	4.08	13.9	0.64	0.21	1.0
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
GXR-6 Meas	39.5	0.10	0.63	1.11	1.77	0.18	0.1	133	58	1040	5.86	2.0	50	24.8		1.2		0.27	3.91	12.9	0.61	0.21	0.7
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
GXR-6 Meas	39.0	0.10	0.59	9.20	1.77	0.19	0.1	188	58	1030	5.48	2.7	< 10	23.7		1.1		0.18	3.84	12.9	0.60	0.19	0.9
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
GXR-6 Meas	33.2	0.09	0.61	0.62	1.74	0.17	< 0.1	145	52	972	5.22	2.4	110	22.4		0.8		0.23	3.80	12.2	0.63	0.18	0.4
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
DNC-1a Meas	4.6							164	195					265						54.5	0.57		
DNC-1a Cert	5.2							148	270					247						57	0.59		

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
DNC-1a Meas	5.1							165	179					275						56.2	0.53		
DNC-1a Cert	5.2							148	270					247						57	0.59		
DNC-1a Meas	5.3							180	137					291						58.1	0.54		
DNC-1a Cert	5.2							148	270					247						57	0.59		
DNC-1a Meas	4.7							146	177					258						54.1	0.52		
DNC-1a Cert	5.2							148	270					247						57	0.59		
OREAS 13b (fusion) Meas		1.57	2.66	7.70	0.96	5.23		189	> 5000	1180	7.60												
OREAS 13b (fusion) Cert		1.67	3.01	8.41	2.30	5.57		330	10800.00	1300.000	8.41												
SBC-1 Meas	159						0.4	248	80				3.6	86.2	3.7	3.3	1.2		8.09	21.9	1.89	0.75	
SBC-1 Cert	163						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas	163						0.4	238	93				3.5	82.5	3.5	3.2	1.1		8.07	20.6	1.73	0.78	
SBC-1 Cert	163						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas	159						0.4	233	90				3.4	81.4	3.4	3.2	1.2		7.72	20.7	1.77	0.75	
SBC-1 Cert	163						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas	166						0.3	216	94				3.0	85.6	3.7	3.1	1.2		7.52	21.9	1.69	0.72	
SBC-1 Cert	163						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
OREAS 45d (4-Acid) Meas	21.6	0.10	0.17	8.36	0.42	0.19		99	510	506	14.6	1.4		234	1.3	0.8	0.4		3.54	29.4	0.58	0.40	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
OREAS 45d (4-Acid) Meas	21.5	0.09	0.18	7.83	0.38	0.18		136	510	464	14.3	2.4		233	1.3	0.8	0.4		3.55	28.1	0.54	0.44	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
OREAS 45d (4-Acid) Meas	20.7	0.09	0.18	8.27	0.36	0.17		120	470	454	13.7	2.3		225	1.3	0.8	0.4		3.66	27.2	0.58	0.48	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
OREAS 45d (4-Acid) Meas	19.9	0.09	0.23	8.15	0.37	0.18		148	590	480	13.9	3.1		219	1.4	0.5	0.5		3.29	27.5	0.53	0.35	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
SdAR-M2 (U.S.G.S.) Meas	18.7						5.5	29	31				3.4	1260	49.5	2.7	7.1	0.9		1.69	12.9	1.22	1.16
SdAR-M2 (U.S.G.S.) Cert	17.9						5.1	25.2	49.6				7.29	1440.00	48.8	3.58	6.6	1.21		1.82	12.4	1.44	1.05
SdAR-M2 (U.S.G.S.) Meas	18.2						5.7	29	42				3.8	130	49.2	2.7	7.1	0.9		1.66	13.2	1.28	1.15
SdAR-M2 (U.S.G.S.) Cert	17.9						5.1	25.2	49.6				7.29	1440.00	48.8	3.58	6.6	1.21		1.82	12.4	1.44	1.05
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
384288 Orig	332	0.90	6.54	4.58	0.12	3.87	0.1	141	1360	1060	6.34	1.3	< 10	687	1.1	0.4	0.3	< 0.05	34.2	54.4	0.59	0.63	0.4
384288 Dup	309	0.86	6.11	4.47	0.12	3.58	0.1	137	1270	1010	5.98	1.2	< 10	629	1.1	0.3	0.4	< 0.05	34.3	50.8	0.62	0.65	0.4
384297 Orig	86.9	2.86	1.08	6.74	1.64	3.29	< 0.1	70	51	485	2.81	2.4	< 10	24.3	0.5	1.7	0.2	0.10	18.6	13.6	0.73	0.39	0.3
384297 Dup	83.6	2.73	1.03	7.12	1.50	2.97	< 0.1	66	52	457	2.66	2.4	< 10	23.5	0.6	1.7	0.2	0.11	19.5	12.8	0.78	0.38	0.4
384297 Orig																							
384297 Dup																							
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	1	13	13	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	13	17	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	1	12	20	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	1	19	21	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	2	10	22	< 0.01	0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	0.1
Method Blank																							
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	0.01	< 0.1	3	7	6	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	2	4	1	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	2	16	15	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	10	9	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	2	14	12	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	0.01	< 0.1	2	8	40	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank																							
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	0.01	< 0.1	2	9	7	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	739	8.2	441	2.7	30.1	300	23	0.9	20.3	0.9	32	30.3	10.6	712	8.0	15.6		8.4	2.9	4.1	0.7	4.9	1160
GXR-1 Cert	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30	1110
GXR-1 Meas	686	8.6	395	2.4	26.7	259	7	0.7	18.4	0.9	30	45.4	11.3	605	7.5	15.1		8.3	2.7	4.1	0.7	4.9	1110
GXR-1 Cert	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30	1110
GXR-1 Meas	777	3.5	431	2.8	30.2	301	23	0.6	18.0	0.8	29	25.4	7.8	659	7.5	15.1		9.0	2.8	4.0	0.7	4.9	1180
GXR-1 Cert	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30	1110
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
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DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	75.4	15.7	101	109	13.7	200	48	10.4	308	0.2	8	4.4	0.9	55	55.3	110		41.9	6.3	4.8	0.5	2.8	6430
GXR-4 Cert	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60	6520
GXR-4 Meas																							
GXR-4 Cert																							
GXR-4 Meas																							
GXR-4 Cert																							
GXR-4 Meas																							
GXR-4 Cert																							
SDC-1 Meas	98.9	20.4	< 0.1	107		177	44	0.1			< 1	< 0.1		640	39.2	89.4		37.4	7.0	7.0	0.9	6.1	30.3
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
SDC-1 Meas	102	22.9	< 0.1	95.1		178	48	0.2			< 1	< 0.1		612	36.1	87.7		34.9	7.3	6.6	0.9	6.0	33.0
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
SDC-1 Meas	108	17.3	< 0.1	114		171	44	0.1			< 1	< 0.1		607	37.0	86.4		38.2	7.1	6.8	0.9	6.3	30.7
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
SDC-1 Meas																							
SDC-1 Cert																							
GXR-6 Meas	133	31.0	325	79.7	13.4	45.4	113	3.5	1.36	< 0.1	1	1.8	< 0.1	1450	12.3	34.8		12.0	2.5	2.5	0.3	2.4	74.3
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
GXR-6 Meas	123	30.3	247	73.3	12.8	40.8	74	0.1	0.59	< 0.1	< 1	0.3	< 0.1	1430	12.3	33.6		11.3	2.2	2.4	0.3	2.3	71.8
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
GXR-6 Meas	116	34.2	309	73.1	12.4	41.7	102	2.8	1.85	< 0.1	1	1.3	< 0.1	1360	11.4	32.0		11.2	2.3	2.3	0.3	2.3	71.9
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
GXR-6 Meas	123	13.2	272	76.7	12.5	38.7	97	2.9	0.97	< 0.1	< 1	1.5	< 0.1	1330	12.4	34.4		13.1	2.4	2.3	0.3	2.5	66.6
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
DNC-1a Meas	63.3	13.3		3.4	17.0	145	43	1.4				0.2		104	3.7			4.7					113
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
DNC-1a Meas	59.3	13.3		3.3	16.8	145	40	1.5				0.2		102	3.7			4.7					108
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100
DNC-1a Meas	63.2	14.1		3.2	16.6	146	42	1.7				0.8		99	3.4			4.4					109
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100
DNC-1a Meas	63.6	11.4		3.6	16.7	143	43	1.6				0.3		100	3.6			5.1					96.9
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100
OREAS 13b (fusion) Meas						453	89							140									
OREAS 13b (fusion) Cert						537	108							694									
SBC-1 Meas	187	25.0	25.7	131	33.9	190	139	14.7	2.85		4	1.1		508	52.0	115	12.7	48.9	8.4	8.4	1.1	6.6	30.7
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
SBC-1 Meas	178	24.8	25.5	137	33.7	186	138	15.0	2.42		4	1.0		542	51.9	111	12.1	44.9	8.3	8.3	1.0	6.4	29.7
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
SBC-1 Meas	173	22.6	24.2	130	30.8	172	126	15.9	2.36		4	1.1		355	49.0	106	12.1	46.3	7.8	8.0	1.0	6.3	29.7
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
SBC-1 Meas	189	21.9	26.2	148	32.5	175	132	12.4	2.48		4	1.0		430	48.3	107	11.6	48.5	8.1	8.0	1.1	6.7	30.8
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
OREAS 45d (4-Acid) Meas	41.5	20.2	5.5	39.8	11.6	30.7	58	0.1	0.29	0.1	< 1	< 0.1		179	16.1	35.4	3.5	12.9	2.8	2.3	0.3	2.4	393
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
OREAS 45d (4-Acid) Meas	37.1	19.4	7.0	36.8	10.9	28.3	93	0.3	0.66	< 0.1	< 1	< 0.1		172	16.1	35.1	3.4	12.6	2.5	2.4	0.4	2.2	377
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
OREAS 45d (4-Acid) Meas	34.7	18.4	5.6	37.6	11.0	29.6	88	0.1	0.64	< 0.1	< 1	< 0.1		184	16.7	36.6	3.7	13.4	2.9	2.5	0.3	2.3	380
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
OREAS 45d (4-Acid) Meas	39.1	16.7	5.3	37.8	11.1	24.8	137	0.1	0.38	< 0.1	< 1	< 0.1		170	15.7	34.2	3.5	13.9	2.3	2.4	0.4	2.3	346
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
SdAR-M2 (U.S.G.S.) Meas	793	16.8		117	25.2	137	119	4.1	13.4					990	43.8	95.3	9.4	34.2	6.0	5.7	0.7	4.5	253
SdAR-M2 (U.S.G.S.) Cert	760	17.6		149	32.7	144	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18	6.28	0.97	5.88	236.0000
SdAR-M2 (U.S.G.S.) Meas	789	18.3		106	24.8	146	128	11.6	13.5					1010	43.3	97.3	10.0	35.7	6.3	5.4	0.7	4.6	256
SdAR-M2 (U.S.G.S.) Cert	760	17.6		149	32.7	144	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18	6.28	0.97	5.88	236.0000

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
384288 Orig	76.8	11.0	0.4	14.6	10.5	94.9	54	1.3	0.91	< 0.1	< 1	< 0.1	< 0.1	18	8.0	17.9	2.1	8.3	1.5	1.8	0.3	1.8	34.8
384288 Dup	73.6	10.6	< 0.1	14.4	10.6	94.0	51	1.1	0.83	< 0.1	< 1	< 0.1	< 0.1	18	8.0	18.0	2.1	8.4	1.4	1.8	0.3	1.8	40.0
384297 Orig	55.0	17.4	4.1	71.2	6.3	311	102	5.7	1.09	< 0.1	< 1	< 0.1	< 0.1	466	20.5	53.6	4.9	17.8	2.9	2.1	0.2	1.2	27.6
384297 Dup	54.7	17.5	< 0.1	74.8	6.7	347	108	6.3	1.12	< 0.1	< 1	< 0.1	< 0.1	462	21.1	56.9	5.2	18.9	2.8	2.2	0.2	1.2	27.4
384297 Orig																							
384297 Dup																							
Method Blank	2.2	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.8
Method Blank	1.2	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Method Blank	0.8	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Method Blank	4.5	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	0.2	< 0.1	< 0.2	< 0.1	< 0.2	2	0.1	0.32	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1.8
Method Blank																							
Method Blank	< 0.2	0.3	< 0.1	< 0.2	< 0.1	0.3	< 1	< 0.1	0.15	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Method Blank	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7
Method Blank	< 0.2	0.3	< 0.1	< 0.2	< 0.1	0.8	< 1	< 0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Method Blank	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	0.2	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.17	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Method Blank																							
Method Blank	< 0.2	0.2	< 0.1	< 0.2	< 0.1	1.0	< 1	< 0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.6

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		0.4	2.2	0.3	< 0.1	155		0.42	820	1	2.7	35.4	0.0265	0.062	0.25
GXR-1 Cert		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-1 Meas		0.4	2.2	0.3	< 0.1	157		0.43	758	1	2.5	33.5	0.0280	0.061	0.24
GXR-1 Cert		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-1 Meas		0.4	2.3	0.3	< 0.1	140		0.38	793	< 1	2.8	32.6	0.0243	0.059	0.24
GXR-1 Cert		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-1 Meas										1			0.0260	0.061	0.24
GXR-1 Cert										1.58			0.036	0.0650	0.257
DH-1a Meas											> 500	2700			
DH-1a Cert											910	2629			
DH-1a Meas											> 500	2730			
DH-1a Cert											910	2629			
DH-1a Meas											> 500	2670			
DH-1a Cert											910	2629			
DH-1a Meas											> 500	2370			
DH-1a Cert											910	2629			
GXR-4 Meas		0.2	1.0	0.1	0.6	37.5		3.12	50.3	8	21.1	5.9	0.276	0.136	1.75
GXR-4 Cert		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas										8			0.286	0.141	1.81
GXR-4 Cert										7.70			0.29	0.120	1.77
GXR-4 Meas										7			0.270	0.137	1.70
GXR-4 Cert										7.70			0.29	0.120	1.77
GXR-4 Meas										8			0.285	0.140	1.79
GXR-4 Cert										7.70			0.29	0.120	1.77
SDC-1 Meas		0.5	3.2		< 0.1	0.1		0.64	23.1	15	11.9	3.2	0.170	0.055	
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas		0.5	3.2		< 0.1	0.1		0.66	23.8	15	11.7	2.9	0.0789	0.055	
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas		0.5	3.3		< 0.1	< 0.1		0.61	24.9	15	12.2	5.7	0.202	0.057	
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas										15			0.182	0.055	
SDC-1 Cert										17.00			0.606	0.0690	
GXR-6 Meas			1.7	0.3	0.2	1.0		2.28	100	26	5.4	1.6		0.034	0.01
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas			1.6	0.3	< 0.1	< 0.1		2.24	98.8	25	5.3	1.5		0.038	0.02
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas			1.6	0.3	< 0.1	0.3		2.11	94.2	28	5.0	1.5		0.038	0.02
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas			1.7	0.3	0.2	0.8		2.07	100		5.7	1.5			
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101		5.30	1.54			
DNC-1a Meas			1.9						5.5	29			0.268		
DNC-1a Cert			2.0						6.3	31			0.29		

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
DNC-1a Meas			1.9						5.9	28			0.275		
DNC-1a Cert			2.0						6.3	31			0.29		
DNC-1a Meas			1.8						6.2	28			0.258		
DNC-1a Cert			2.0						6.3	31			0.29		
DNC-1a Meas			1.9						6.0	29			0.269		
DNC-1a Cert			2.0						6.3	31			0.29		
OREAS 13b (fusion) Meas													0.660	0.178	1.10
OREAS 13b (fusion) Cert													0.711	0.189	1.19
SBC-1 Meas		0.5	3.5	0.5	0.9	1.7		0.92	34.8	20	16.2	6.2	0.496		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas		0.5	3.3	0.5	0.7	1.6		0.96	34.1	20	16.0	6.8	0.507		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas		0.5	3.2	0.5	1.0	1.7		0.89	32.6	20	15.1	5.7	0.482		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas		0.5	3.4	0.5	0.5	1.6		0.88	37.7	21	16.8	5.8	0.492		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas			1.5	0.2	< 0.1	0.2		0.26	19.8	41	14.8	2.8	0.294	0.033	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas			1.4	0.2	< 0.1	0.3		0.24	20.2	55	14.8	2.8	0.253	0.036	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas			1.5	0.2	< 0.1	0.2		0.26	20.3	50	14.9	2.8	0.111	0.035	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas			1.4	0.2	< 0.1	0.2		0.23	21.2	52	14.9	2.7	0.387	0.037	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
SdAR-M2 (U.S.G.S.) Meas		0.4	2.6	0.4	0.1	0.4			823	4	13.5	2.4			
SdAR-M2 (U.S.G.S.) Cert		0.54	3.63	0.54	1.8	2.8			808	4.1	14.2	2.53			
SdAR-M2 (U.S.G.S.) Meas		0.4	2.7	0.4	0.1	0.5			790	4	13.9	2.5			
SdAR-M2 (U.S.G.S.) Cert		0.54	3.63	0.54	1.8	2.8			808	4.1	14.2	2.53			
SdAR-M2 (U.S.G.S.) Meas										4					
SdAR-M2 (U.S.G.S.) Cert										4.1					

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SdAR-M2 (U.S.G.S.) Meas										4					
SdAR-M2 (U.S.G.S.) Cert										4.1					
384288 Orig	0.6	0.1	1.1	0.2	< 0.1	0.4	0.001	0.08	3.2	19	1.2	0.2	0.212	0.022	0.08
384288 Dup	0.2	0.1	1.1	0.2	< 0.1	0.2	0.001	0.08	2.5	19	1.2	0.2	0.215	0.023	0.08
384297 Orig	< 0.1	0.1	0.5	0.1	0.1	1.0	0.001	0.53	3.9	7	3.1	0.6	0.247	0.062	0.48
384297 Dup	< 0.1	0.1	0.5	0.1	0.1	1.0	0.001	0.51	4.0	7	3.2	0.7	0.246	0.061	0.50
384297 Orig										7			0.259	0.062	0.49
384297 Dup										5			0.255	0.061	0.50
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0049	< 0.001	< 0.01
Method Blank										< 1			< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank										< 1			< 0.0005	< 0.001	< 0.01
Method Blank	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01



Date Submitted: 29-Jan-18
Invoice No.: A18-00949
Invoice Date: 05-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

13 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-00949**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384381	< 5
384382	10
384383	13
384384	34
384385	20
384386	6
384387	< 5
384388	17
384389	17
384390	3570
384393	< 5
384394	< 5
384395	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2570
OREAS 254 Cert	2550
OREAS 218 Meas	503
OREAS 218 Cert	531
384389 Orig	17
384389 Dup	16
Method Blank	< 5
Method Blank	< 5



Date Submitted: 30-Jan-18
Invoice No.: A18-01065
Invoice Date: 05-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

11 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Harte Gold Au - Fire Assay AA

REPORT **A18-01065**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384396	< 5
384397	9
384398	< 5
384399	< 5
384400	< 5
384401	< 5
384402	< 5
384403	< 5
384404	< 5
384405	< 5
384406	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2400
OREAS 254 Cert	2550
OREAS 218 Meas	529
OREAS 218 Cert	531
384405 Orig	< 5
384405 Dup	< 5
Method Blank	< 5



Date Submitted: 01-Feb-18
Invoice No.: A18-01133
Invoice Date: 09-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-01133**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384427	6
384428	< 5
384429	< 5
384430	3370
384431	< 5
384432	< 5
384433	< 5
384434	22
384435	< 5
384436	8
384437	< 5
384438	12
384439	< 5
384440	< 5
384442	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2550
OREAS 254 Cert	2550
OREAS 218 Meas	535
OREAS 218 Cert	531
384436 Orig	7
384436 Dup	8
Method Blank	< 5



Date Submitted: 02-Feb-18
Invoice No.: A18-01195
Invoice Date: 12-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

14 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-01195**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384407	< 5
384408	< 5
384409	8
384410	5630
384411	8
384412	19
384413	< 5
384414	< 5
384415	24
384416	< 5
384423	264
384424	189
384425	173
384426	56

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2600
OREAS 254 Cert	2550
OREAS 218 Meas	509
OREAS 218 Cert	531
384416 Orig	< 5
384416 Dup	< 5
Method Blank	< 5



Date Submitted: 05-Feb-18
Invoice No.: A18-01236
Invoice Date: 13-Feb-18
Your Reference: Exploration

**Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5**

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

29 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A18-01236**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

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Emmanuel Esemé , Ph.D.
Quality Control

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TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384417	< 5
384418	< 5
384419	< 5
384420	< 5
384421	< 5
384422	< 5
384441	< 5
384443	< 5
384444	< 5
384445	< 5
384446	< 5
384447	17
384448	13
384449	< 5
384450	6680
384451	< 5
384452	13
384453	10
384454	< 5
384455	< 5
384456	< 5
384457	< 5
384458	< 5
384459	15
384460	< 5
384461	20
384462	18
384463	30
384464	7

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2650
OREAS 254 Cert	2550
OREAS 218 Meas	533
OREAS 218 Cert	531
384448 Orig	13
384448 Dup	13
384459 Orig	15
Method Blank	< 5
Method Blank	< 5



Date Submitted: 06-Feb-18
Invoice No.: A18-01301
Invoice Date: 06-Mar-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

10 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A18-01301**

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Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384298	102	> 3.00	0.97	7.45	1.25	2.95	< 0.1	53	19	418	2.47	2.7	20	13.1	0.5	1.4	0.2	< 0.05	23.0	10.2	0.89	0.13	< 0.1
384299	80.0	1.31	2.18	5.99	0.24	9.47	0.1	169	99	1660	9.51	0.5	10	79.3	2.7	0.4	1.0	0.12	0.67	50.4	0.98	0.90	< 0.1
384300	172	1.13	2.61	6.51	0.30	10.5	0.1	196	132	1710	8.96	0.6	10	90.8	2.4	1.0	0.9	0.07	0.91	50.2	0.86	2.46	< 0.1
263451	95.3	1.56	3.06	5.96	0.72	6.91	0.1	262	155	1630	10.0	0.9	20	83.1	2.1	0.3	0.8	0.16	10.8	54.2	0.76	0.58	0.3
263452	41.0	1.47	3.90	6.39	0.19	7.13	0.2	293	173	1460	9.48	0.8	20	106	2.2	0.3	0.8	0.10	0.91	51.2	0.80	0.10	0.2
263453	37.4	0.81	4.38	6.83	0.67	7.92	< 0.1	285	138	1620	9.47	0.9	10	104	2.5	0.4	1.0	0.11	22.0	52.2	1.12	1.10	< 0.1
263454	38.4	> 3.00	0.61	6.47	1.38	2.22	< 0.1	36	30	248	1.58	2.6	20	12.4	0.3	1.0	0.1	< 0.05	2.29	5.7	0.43	0.04	< 0.1
263455	32.3	> 3.00	1.06	5.21	1.37	3.19	< 0.1	59	70	445	2.48	2.4	20	24.1	0.4	1.8	0.2	0.07	5.95	10.7	0.55	0.22	0.1
263456	36.4	1.61	3.82	6.20	0.16	7.32	0.1	294	164	1530	9.52	0.9	20	118	2.1	0.3	0.8	0.16	1.18	53.6	0.71	0.29	0.2
263457	57.1	> 3.00	0.51	7.46	1.46	2.23	< 0.1	28	13	212	1.54	2.7	10	5.5	0.2	1.5	0.1	< 0.05	10.5	4.9	0.47	0.15	< 0.1

Results

Activation Laboratories Ltd.

Report: A18-01301

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
384298	61.2	15.7	< 0.1	69.2	6.0	362	107	2.4	1.14	< 0.1	< 1	< 0.1	< 0.1	463	30.1	67.5	6.9	25.9	3.4	2.4	0.2	1.1	42.9
384299	114	20.9	< 0.1	3.2	23.8	267	9	< 0.1	2.03	< 0.1	< 1	< 0.1	< 0.1	25	4.3	11.4	1.7	9.2	2.9	3.7	0.6	4.2	105
384300	107	18.4	< 0.1	13.3	21.4	140	14	0.2	3.52	< 0.1	< 1	< 0.1	< 0.1	113	3.7	9.8	1.4	7.6	2.4	3.2	0.6	3.6	88.4
263451	120	18.2	< 0.1	13.1	17.3	219	23	0.7	0.28	< 0.1	< 1	< 0.1	< 0.1	143	2.6	7.2	1.1	6.0	1.6	2.6	0.5	3.0	149
263452	97.4	19.5	< 0.1	2.0	19.1	218	23	1.4	0.88	< 0.1	< 1	< 0.1	< 0.1	35	2.8	7.7	1.2	6.7	2.2	2.8	0.5	3.2	116
263453	104	15.8	0.1	35.2	22.3	91.4	24	1.6	9.78	< 0.1	< 1	< 0.1	< 0.1	295	3.8	10.2	1.5	8.2	2.6	3.4	0.6	3.7	102
263454	45.6	19.0	< 0.1	31.7	3.0	213	94	1.9	1.49	< 0.1	< 1	< 0.1	< 0.1	448	8.6	19.3	2.0	7.8	1.3	1.0	0.1	0.5	11.3
263455	55.2	15.3	< 0.1	39.9	3.8	469	92	7.8	1.08	< 0.1	< 1	< 0.1	< 0.1	495	15.8	40.8	3.9	14.9	2.2	1.4	0.2	0.8	18.9
263456	104	19.7	< 0.1	1.0	18.1	273	22	2.8	4.39	< 0.1	< 1	< 0.1	< 0.1	12	2.8	7.8	1.2	6.3	2.2	2.8	0.5	3.2	106
263457	46.2	19.9	< 0.1	58.3	2.8	400	99	1.4	0.76	< 0.1	< 1	< 0.1	< 0.1	469	12.7	26.4	2.7	10.4	1.8	1.3	0.1	0.5	7.8

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
384298	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.63	7.2	6	5.0	2.3	0.261	0.077	0.10
384299	< 0.1	0.4	3.0	0.4	< 0.1	< 0.1	0.022	< 0.05	1.9	38	0.3	0.2	0.234	0.041	0.22
384300	< 0.1	0.4	2.7	0.3	< 0.1	< 0.1	0.017	0.31	2.4	39	0.3	0.2	0.276	0.034	0.14
263451	< 0.1	0.3	2.5	0.3	< 0.1	< 0.1	0.002	0.13	3.3	40	0.2	< 0.1	0.476	0.034	0.33
263452	0.7	0.3	2.5	0.3	< 0.1	0.2	0.002	< 0.05	1.9	41	0.2	< 0.1	0.610	0.032	0.12
263453	0.5	0.4	2.8	0.4	< 0.1	0.2	0.007	0.25	1.6	40	0.3	1.0	0.579	0.033	0.23
263454	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.9	< 0.001	0.31	6.0	3	1.4	0.4	0.179	0.028	0.03
263455	< 0.1	< 0.1	0.4	< 0.1	0.2	0.8	< 0.001	0.31	7.9	5	2.1	0.5	0.268	0.075	0.30
263456	0.2	0.3	2.5	0.3	0.1	0.5	0.003	< 0.05	1.8	45	0.2	< 0.1	0.637	0.033	0.18
263457	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.3	< 0.001	0.45	5.5	3	1.8	0.5	0.169	0.034	0.06

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	7.0	0.03	0.18	1.90	0.04	0.83	2.4	73	16	821	22.9	0.3	3740	38.0		0.9		31.0	2.98	7.5	0.59	1420	14.0
GXR-1 Cert	8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380	16.6
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	12.4	0.54	1.78	6.86	3.11	1.07	0.3	85	45	147	3.05	1.3	60	38.8		2.2		3.33	2.65	14.4	1.31	18.5	4.8
GXR-4 Cert	11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	5.60
SDC-1 Meas	38.0	1.49	0.98	8.20	2.71	1.03		35	51	827	4.64	0.9	10	33.1	2.9	2.8	1.2		4.06	18.4	1.34		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
GXR-6 Meas	42.4	0.11	0.64	> 10.0	1.97	0.20	0.1	109	42	966	5.46	2.0	70	23.4		1.2		0.23	4.10	13.1	0.60	0.16	0.4
GXR-6 Cert	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	0.940
OREAS 97 (4 Acid) Meas																		17.9		64.0		39.3	65.5
OREAS 97 (4 Acid) Cert																		19.6		62.9		40.1	71.4
OREAS 98 (4 Acid) Meas																		41.1		116		91.3	150
OREAS 98 (4 Acid) Cert																		45.1		121		97.2	158
DNC-1a Meas	4.7							142	123					261						58.7	0.53		
DNC-1a Cert	5.2							148	270					247						57	0.59		
SBC-1 Meas	175						0.3	211	87				3.5	83.7	3.2	3.1	1.3		8.29	23.1	1.71	0.64	
SBC-1 Cert	163						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
OREAS 45d (4-Acid) Meas	21.6	0.09	0.23	7.69	0.40	0.20		85	469	471	14.2	1.4		226	1.2	0.7	0.5		3.72	30.1	0.54	0.31	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
OREAS 96 (4 Acid) Meas																		10.6		49.9		27.0	39.1
OREAS 96 (4 Acid) Cert																		11.5		49.9		26.3	40.7
OREAS 923 (4 Acid) Meas																		1.67		24.1		19.6	5.6
OREAS 923 (4 Acid) Cert																		1.60		23.1		21.4	6.54
384298 Orig	99.4	> 3.00	0.94	7.53	1.16	2.98	< 0.1	53	18	415	2.44	2.7	20	13.0	0.5	1.5	0.2	< 0.05	22.5	10.1	0.88	0.13	< 0.1
384298 Dup	106	> 3.00	1.00	7.37	1.34	2.92	< 0.1	54	20	422	2.51	2.7	20	13.2	0.6	1.4	0.2	< 0.05	23.5	10.3	0.90	0.13	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	< 1	3	5	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	< 1	4	5	< 0.01	< 0.1	10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	< 1	3	6	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.1	< 1	3	6	< 0.01	< 0.1	10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	748	5.9	416	2.7	25.3	283	16	0.7	18.7	0.8	28	24.9	7.9	659	7.3	14.1		8.3	2.4	3.7	0.7	4.3	1160
GXR-1 Cert	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30	1110
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	66.7	17.8	104	122	11.9	202	39	9.7	327	0.2	7	4.1	0.9	59	53.7	99.7		39.6	6.0	4.5	0.5	2.4	6430
GXR-4 Cert	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60	6520
SDC-1 Meas	100	17.5	< 0.1	115		168	31	0.2			< 1	< 0.1		598	36.8	77.8		36.9	6.5	6.2	0.9	5.2	31.2
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
GXR-6 Meas	122	22.0	228	76.8	10.7	39.2	68	< 0.1	0.32	< 0.1	< 1	< 0.1	< 0.1	1290	11.4	31.3		11.4	2.6	2.1	0.3	2.0	69.0
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0
OREAS 97 (4 Acid) Meas	600										96	3.8											> 10000
OREAS 97 (4 Acid) Cert	646										95.7	9.23											63100.00
OREAS 98 (4 Acid) Meas	1280										> 200	5.6											> 10000
OREAS 98 (4 Acid) Cert	1360										206	20.1											148000.0
DNC-1a Meas	61.8	13.4		3.6	14.7	139	38	1.5				0.7		99	3.5			4.6					99.6
DNC-1a Cert	70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20					100
SBC-1 Meas	180	23.1	24.6	138	28.4	173	120	15.2	2.27		3	1.0		539	47.3	96.6	11.1	45.3	8.8	7.7	1.0	5.6	32.0
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0000
OREAS 45d (4-Acid) Meas	42.5	20.7	6.6	39.5	9.8	29.1	54	< 0.1	0.32	< 0.1	< 1	< 0.1		169	16.4	34.7	3.5	13.4	2.5	2.2	0.4	2.1	385
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
SdAR-M2 (U.S.G.S.) Meas																							
SdAR-M2 (U.S.G.S.) Cert																							
OREAS 96 (4 Acid) Meas	440										65	2.3											> 10000
OREAS 96 (4 Acid) Cert	457										65.6	5.09											39300
OREAS 923 (4 Acid) Meas	340										14	1.2											4380
OREAS 923 (4 Acid) Cert	345										13.3	1.29											4230
384298 Orig	61.9	15.7	< 0.1	67.3	6.0	367	108	2.8	1.17	< 0.1	< 1	< 0.1	< 0.1	465	30.5	67.8	7.0	26.3	3.4	2.4	0.2	1.1	43.4
384298 Dup	60.5	15.7	< 0.1	71.1	5.9	356	105	1.9	1.11	< 0.1	< 1	< 0.1	< 0.1	460	29.7	67.1	6.7	25.6	3.5	2.4	0.2	1.1	42.4
Method Blank	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	< 0.2	< 0.1	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		0.3	2.3	0.3	< 0.1	133		0.41	751	1	2.5	31.9	0.0257	0.060	0.24
GXR-1 Cert		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
DH-1a Meas											> 500	2210			
DH-1a Cert											910	2629			
GXR-4 Meas		0.2	1.1	0.1	0.5	34.9		3.23	48.5	8	18.1	5.5	0.286	0.135	1.73
GXR-4 Cert		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
SDC-1 Meas		0.4	3.2		< 0.1	< 0.1		0.65	23.4		10.8	2.6			
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
GXR-6 Meas			1.7	0.2	< 0.1	< 0.1		2.18	96.4	28	4.7	1.5		0.033	0.01
GXR-6 Cert			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
OREAS 97 (4 Acid) Meas									138						
OREAS 97 (4 Acid) Cert									147						
OREAS 98 (4 Acid) Meas									314						
OREAS 98 (4 Acid) Cert									345						
DNC-1a Meas			2.0						5.8						
DNC-1a Cert			2.0						6.3						
SBC-1 Meas		0.5	3.4	0.5	0.8	1.6		0.91	33.5		14.7	5.4			
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
OREAS 45d (4-Acid) Meas			1.5	0.2	< 0.1	0.1		0.26	20.6	54	13.6	2.6	0.151	0.036	0.04
OREAS 45d (4-Acid) Cert			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
SdAR-M2 (U.S.G.S.) Meas										4					
SdAR-M2 (U.S.G.S.) Cert										4.1					
OREAS 96 (4 Acid) Meas									95.4						
OREAS 96 (4 Acid) Cert									101						
OREAS 923 (4 Acid) Meas									85.6						
OREAS 923 (4 Acid) Cert									83.0						
384298 Orig	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.62	7.4	6	5.1	3.6	0.262	0.077	0.10
384298 Dup	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.64	7.0	6	4.9	1.0	0.260	0.076	0.10
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0006	< 0.001	< 0.01

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01



Date Submitted: 20-Feb-18
Invoice No.: A18-01892
Invoice Date: 23-Feb-18
Your Reference: Exploration

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

7 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Geraldton-Harte Gold Au - Fire Assay AA

REPORT **A18-01892**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3



CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
384649	37
384650	3470
384651	170
384652	18
384653	< 5
384654	38
384655	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 218 Meas	522
OREAS 218 Cert	531
OREAS 220 (Fire Assay) Meas	870
OREAS 220 (Fire Assay) Cert	828
Method Blank	< 5



Date Submitted: 28-Mar-19
Invoice No.: A19-04669
Invoice Date: 09-Apr-19
Your Reference: Exploration/Prospecting

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

169 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A19-04669**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
785368	< 5
785369	< 5
785370	3640
785371	< 5
785372	< 5
785373	< 5
785374	< 5
785375	< 5
785376	7
785377	< 5
785378	< 5
785379	< 5
785380	< 5
785381	< 5
785382	< 5
785383	5
785384	< 5
785385	< 5
785386	< 5
785387	< 5
785388	< 5
785389	< 5
785390	5640
785391	< 5
785392	< 5
785393	< 5
785394	8
785395	52
785396	18
785397	16
785398	< 5
785399	18
785400	< 5
783593	7
783594	78
783595	631
783596	< 5
783597	< 5
783598	5
783599	10
783600	5630
783601	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783602	< 5
783603	< 5
783604	< 5
783605	53
783606	15
783607	7
783608	5
783609	< 5
783610	6810
783611	5
783612	< 5
783613	36
783614	< 5
783615	< 5
783616	< 5
783617	< 5
783618	< 5
783619	< 5
783620	< 5
783621	< 5
783622	< 5
783623	< 5
783624	< 5
783625	< 5
783626	< 5
783627	< 5
783628	< 5
783629	< 5
783630	3640
783631	< 5
783632	< 5
783633	< 5
783634	< 5
783635	< 5
783636	< 5
783637	< 5
783638	< 5
783639	< 5
783640	< 5
783641	< 5
783642	< 5
783643	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783644	< 5
783645	< 5
783646	< 5
783647	< 5
783648	< 5
783649	< 5
783650	5700
783651	< 5
783652	< 5
783653	< 5
783654	< 5
783655	< 5
783656	< 5
783657	< 5
783658	< 5
783659	< 5
783660	< 5
783661	< 5
783662	< 5
783663	< 5
783664	8
783665	< 5
783666	< 5
783667	9
783668	< 5
783669	< 5
783670	6860
783671	14
783672	15
783673	6
783674	< 5
783675	< 5
783676	< 5
783677	10
783678	8
783679	5
783680	< 5
783681	5
783682	< 5
783683	< 5
783684	26
783685	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783686	< 5
783687	6
783688	< 5
783689	6
783690	3670
783691	34
783692	141
783693	7
783694	7
783695	< 5
783696	12
783697	33
783698	5
783699	6
783700	< 5
783701	< 5
783702	85
783703	< 5
783704	< 5
783705	5
783706	< 5
783707	9
783708	5
783709	< 5
783710	5640
783711	8
783712	5
783713	14
783714	< 5
783715	7
783716	< 5
783717	< 5
783718	< 5
783719	< 5
783720	< 5
783721	< 5
783722	< 5
783723	< 5
783724	< 5
783725	< 5
783726	< 5
783727	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783728	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 222 (Fire Assay) Meas	1250
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1240
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1240
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1230
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1250
OREAS 222 (Fire Assay) Cert	1220
OREAS 215 (Fire Assay) Meas	3530
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3670
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3610
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3640
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3650
OREAS 215 (Fire Assay) Cert	3540
785377 Orig	< 5
785377 Dup	< 5
785387 Orig	< 5
785387 Dup	< 5
785397 Orig	16
785397 Dup	16
783604 Orig	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783604 Dup	< 5
783609 Orig	< 5
783609 Split PREP DUP	< 5
783613 Orig	22
783613 Dup	49
783623 Orig	< 5
783623 Dup	< 5
783638 Orig	< 5
783638 Dup	< 5
783648 Orig	5
783648 Dup	< 5
783658 Orig	< 5
783658 Dup	< 5
783659 Orig	< 5
783659 Split PREP DUP	< 5
783672 Orig	16
783672 Dup	13
783682 Orig	< 5
783682 Dup	< 5
783692 Orig	128
783692 Dup	154
783707 Orig	8
783707 Dup	9
783709 Orig	< 5
783709 Split PREP DUP	< 5
783716 Orig	< 5
783716 Dup	< 5
783726 Orig	< 5
783726 Dup	< 5
Method Blank	< 5
Method Blank	5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 15-Apr-19
Invoice No.: A19-05483
Invoice Date: 22-May-19
Your Reference: Exploration/Prospecting

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

245 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A19-05483**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 15-Apr-19
Invoice No.: A19-05483
Invoice Date: 22-May-19
Your Reference: Exploration/Prospecting

**Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5**

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

245 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A19-05483**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:



Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783738	< 5																						
783739	< 5																						
783740	< 5																						
783741	< 5																						
783742	< 5																						
783743	< 5																						
783744	9																						
783745	10																						
783746	731																						
783747	84																						
783748	19																						
783749	< 5																						
783750	3590																						
783751	< 5																						
783752	< 5																						
783753	< 5																						
783754	20																						
783755	107																						
783756	< 5																						
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783758	< 5																						
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783765	< 5																						
783766	< 5																						
783767	< 5																						
783768	< 5																						
783769	< 5																						
783770	5600																						
783771	< 5																						
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783774	< 5																						
783775	< 5																						
783776	< 5																						
783777	< 5																						
783778	< 5																						
783779	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783780	< 5																						
783781	< 5																						
783782	< 5																						
783783	< 5																						
783784	< 5																						
783785	< 5																						
783786	< 5																						
783787	6																						
783788	9																						
783789	< 5																						
783790	6800																						
783791	10																						
783792	< 5																						
783793	< 5																						
783794	6																						
783795	< 5																						
783796	< 5																						
783797	< 5																						
783798	< 5																						
783799	< 5																						
783800	< 5																						
783801	< 5																						
783802	8																						
783803	< 5																						
783804	< 5																						
783805	< 5																						
783806	< 5																						
783807	< 5																						
783808	< 5																						
783809	< 5																						
783810	3530																						
783811	< 5																						
783812	< 5																						
783813	< 5																						
783814	< 5																						
783815	< 5																						
783816	< 5																						
783817	< 5																						
783818	< 5																						
783819	< 5																						
783820	< 5																						
783821	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783822	< 5																						
783823	< 5																						
783824	< 5																						
783825	< 5																						
783826	< 5																						
783827	< 5																						
783828	< 5																						
783829	5																						
783830	5410																						
783831	5																						
783832	5																						
783833	< 5																						
783834	< 5																						
783835	< 5																						
783836	< 5																						
783837	5																						
783838	< 5																						
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783848	< 5																						
783849	< 5																						
783850	6810																						
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783852	< 5																						
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783854	< 5																						
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783856	< 5																						
783857	14																						
783858	23																						
783859	26																						
783860	< 5																						
783861	< 5																						
783862	9																						
783863	46																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783864	20																						
783865	33																						
783866	36																						
783867	12																						
783868	< 5																						
783869	< 5																						
783870	2540																						
783871	< 5																						
784025	< 5																						
784026	7																						
784027	< 5																						
784028	5																						
783872	< 5																						
783873	< 5																						
783874	< 5																						
783875	< 5																						
783876	< 5																						
783877	< 5																						
783878	7																						
783879	< 5																						
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783882	< 5																						
783883	< 5																						
783884	16																						
783885	< 5																						
783886	9																						
783887	< 5																						
783888	9																						
783889	6																						
783890	5570																						
783891	< 5																						
783892	< 5																						
783893	< 5																						
783894	6																						
783895	< 5																						
783896	6																						
783897	5																						
783898	12																						
783899	< 5																						
783900	< 5																						
783901	36																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783902	8																						
783903	< 5																						
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783907	< 5																						
783908	< 5																						
783909	< 5																						
783910	6790																						
783911	5																						
783912	7																						
783913	< 5																						
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783927	< 5																						
783928	< 5																						
783929	< 5																						
783930	6560																						
783931	< 5																						
783932	< 5																						
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783939	< 5																						
783940	< 5																						
783941	< 5																						
783942	< 5																						
783943	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	
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783945	< 5																							
783946	< 5																							
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783948	< 5																							
783949	< 5																							
783950	5590																							
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783964	224																							
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783969	< 5																							
783970	6810																							
783971	< 5																							
783972	< 5																							
783973	< 5																							
783974	< 5																							
783975	< 5	36.4	> 3.00	0.05	7.22	2.94	0.41	< 0.1	8	11	310	0.83	1.7	50	0.6	0.5	1.6	0.2	0.16	13.7	0.5	0.13	0.40	
783976	< 5																							
783977	< 5																							
783978	< 5																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783738																							
783739																							
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783776																							
783777																							
783778																							
783779																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
783780																							
783781																							
783782																							
783783																							
783784																							
783785																							
783786																							
783787																							
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783792																							
783793																							
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783820																							
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Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
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Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
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Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
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Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
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783975	0.4	25.5	20.9	0.9	98.1	5.8	49.5	40	10.0	63.4	< 0.1	1	< 0.1	< 0.1	176	6.7	17.1	1.7	5.8	1.5	1.2	0.2	1.0
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
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783975	10.0	< 0.1	< 0.1	0.6	< 0.1	0.7	0.5	0.021	0.69	17.5	4	3.3	2.6	0.0433	0.013	0.16
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783978																

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	
GXR-4 Meas		10.9	0.53	1.66	6.29	4.18	1.00	0.3	87	50	160	3.12	1.3	< 10	42.3		1.8		3.71	2.69	14.1	1.37	18.9	
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	
GXR-4 Meas		14.3	0.58	1.84	9.48	4.74	1.08	0.3	90	52	177	3.30	1.4	< 10	41.2		2.2		3.53	2.53	15.3	1.50	18.7	
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	
GXR-4 Meas		11.0	0.51	1.69	6.84	3.82	1.02	0.2	85	46	151	3.12	1.3	130	39.7		2.0		3.57	2.66	13.5	1.62	19.7	
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	
GXR-4 Meas		11.7	0.55	1.83	6.97	4.44	1.03	0.2	92	52	169	3.14	1.3	< 10	42.5		2.2		3.89	2.67	14.3	1.38	18.8	
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	
GXR-4 Meas		12.6	0.49	1.73	7.76	4.20	1.04	0.3	87	44	162	3.00	1.4	< 10	40.7		2.1		3.67	2.65	13.9	1.36	19.6	
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0	
SDC-1 Meas		33.6	1.51	1.04	8.40	2.75	1.09		41	51	905	5.17	1.0	30	36.1	3.3	2.8	1.2		4.17	18.8	1.43		
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas		37.4	1.62	1.07	9.50	2.45	1.05		35	57	925	4.97	0.8	50	36.1	3.4	3.0	1.2		3.82	18.7	1.68		
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas		36.0	1.55	1.02	8.99	2.30	1.04		38	48	875	4.93	0.9	90	35.8	3.4	3.0	1.2		3.84	18.1	1.69		
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas		37.7	1.54	1.04	9.03	2.64	1.05		41	45	820	4.88	0.9	90	36.4	3.3	3.2	1.2		4.05	17.8	1.38		
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas																								
SDC-1 Cert																								
GXR-6 Meas		37.2	0.10	0.60	> 10.0	1.88	0.18	< 0.1	154	69	1080	5.73	2.5	10	25.8		1.2		0.33	4.28	13.5	0.64	0.18	
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	
GXR-6 Meas		34.8	0.09	0.60	> 10.0	1.91	0.18	< 0.1	180	72	1120	5.87	2.7	10	24.7		1.1		0.35	3.94	13.8	0.69	0.18	
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	
GXR-6 Meas		38.0	0.11	0.62	> 10.0	1.34	0.20	< 0.1	124	56	1070	6.02	2.0	110	25.4		1.1		0.31	4.00	13.6	0.69	0.20	
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	
GXR-6 Meas		40.1	0.11	0.65	> 10.0	1.93	0.21	< 0.1	154	64	1080	5.60	2.4	20	26.7		1.1		0.35	4.41	14.1	0.64	0.18	
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	
GXR-6 Meas		36.8	0.10	0.61	> 10.0	2.07	0.16	0.1	178	72	1080	5.75	2.7	30	26.4		1.2		0.39	4.57	14.5	0.67	0.21	
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290	
OREAS 97 (4 Acid) Meas																				19.5		63.9		39.1
OREAS 97 (4 Acid) Cert																				19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																				19.3		61.3		40.8
OREAS 97 (4 Acid) Cert																				19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																				19.3		62.6		42.4
OREAS 97 (4 Acid) Cert																				19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																				20.1		61.2		38.9

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 97 (4 Acid) Cert																			19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																			20.9		69.5		40.1
OREAS 97 (4 Acid) Cert																			19.6		62.9		40.1
OREAS 98 (4 Acid) Meas																			45.7		127		88.0
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			43.8		108		94.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			44.0		126		93.3
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			48.1		138		86.8
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		4.5	1.38				8.14		148	147		7.21			276						57.6	0.54	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.4	1.29				7.27		128	124		6.16			235						51.8	0.54	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.4	1.42				8.01		144	145		6.89			259						56.7	0.61	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.5	1.36				7.86		140	121		6.65			265						54.4	0.54	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.7	1.47				8.35		152	138		7.08			275						60.7	0.53	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
SBC-1 Meas		163						0.4	226	109			3.4	90.9	3.4	3.2	1.3		8.42	22.8	1.82	0.67	
SBC-1 Cert		163						0.40	220.0	109			3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas		160						0.3	195	86			3.2	77.8	3.1	3.1	1.1		7.05	20.7	1.78	0.64	
SBC-1 Cert		163						0.40	220.0	109			3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas		171						0.4	213	106			3.6	85.2	3.5	3.1	1.2		8.04	23.0	2.07	0.73	
SBC-1 Cert		163						0.40	220.0	109			3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas		168						0.4	205	108			3.3	84.7	3.2	3.4	1.2		7.98	21.5	1.77	0.67	
SBC-1 Cert		163						0.40	220.0	109			3.7	82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas		167						0.4	225	96			3.5	90.5	3.5	3.3	1.3		8.54	23.0	1.86	0.72	

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		21.5	0.09	0.23	8.28	0.44	0.20		150	578	546	15.8	2.8		255	1.4	0.8	0.5		3.93	30.9	0.60	0.34
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549		14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.6	0.10	0.24	8.82	0.46	0.19		73	497	491	15.0	1.2		235	1.4	0.8	0.5		3.83	30.5	0.63	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549		14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.1	0.09	0.19	8.26	0.43	0.18		163	540	499	14.6	3.0		224	1.3	0.8	0.4		3.58	29.0	0.64	0.34
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549		14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		21.5	0.09	0.19	8.01	0.44	0.19		88	491	483	14.1	1.5		237	1.2	0.7	0.5		3.89	29.2	0.58	0.34
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549		14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		21.5	0.09	0.19	8.00	0.46	0.18		86	477	471	14.3	1.4		241	1.3	0.6	0.5		3.77	30.7	0.60	0.36
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549		14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 222 (Fire Assay) Meas	1230																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1250																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1250																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1230																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1260																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1270																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1260																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1230																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 222 (Fire Assay) Meas	1250																						
OREAS 222 (Fire Assay) Cert	1220																						
OREAS 96 (4 Acid) Meas																			12.4		54.1		27.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.0		51.1		28.0
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.9		50.0		27.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.8		49.8		26.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		14.3	1.44	0.42	7.18	2.20	2.05	292	34	24	532	3.98	4.6		27.3		1.7		66.8	3.17	31.4		3.99
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		14.8	1.41	0.54	7.33	2.38	2.13	285	38	29	548	3.83	4.6		28.4		1.9		70.6	3.44	31.8		4.03
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 255 (Fire Assay) Meas	4080																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4130																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4180																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4150																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4180																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4180																						
OREAS 255 (Fire Assay) Cert	4080																						
OREAS 255 (Fire Assay) Meas	4010																						
OREAS 255 (Fire Assay) Cert	4080																						
783747 Orig	92																						
783747 Dup	75																						
783757 Orig	< 5																						
783757 Dup	< 5																						
783767 Orig	< 5																						
783767 Dup	< 5																						
783782 Orig	< 5																						
783782 Dup	< 5																						
783787 Orig	6																						
783787 Split PREP DUP	< 5																						
783791 Orig	11																						
783791 Dup	8																						
783802 Orig	7																						
783802 Dup	8																						
783816 Orig	< 5																						
783816 Dup	< 5																						
783826 Orig	< 5																						
783826 Dup	< 5																						
783835 Orig	< 5																						
783835 Dup	< 5																						
783837 Orig	5																						
783837 Split PREP DUP	< 5																						
783849 Orig	< 5																						
783849 Dup	< 5																						
783860 Orig	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	4	< 0.01	< 0.1	60	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	8	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	10	3	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	1	< 1	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	2	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	8	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2	6	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2	3	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.04
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	8	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	3	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	5	5	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	13	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	5	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	8	12	< 0.01	< 0.1	30	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-4 Meas	4.9	71.0	14.9	99.3	149	12.8	226	56	9.2	303	0.2	7	4.4	0.8	1020	61.8	105		41.8	6.5	4.5	0.5	2.9
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	5.5	74.3	21.0	110	166	13.0	237	46	9.5	319	0.2	7	4.6	0.6	190	59.3	108		42.7	5.4	4.9	0.5	2.6
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	5.2	71.6	18.0	101	153	12.8	228	40	9.3	310	0.2	8	4.9	0.7	81	62.0	116		44.8	6.3	5.0	0.5	2.8
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	5.9	78.6	18.0	108	154	13.4	221	44	9.8	325	0.2	7	4.7	0.7	249	56.2	105		43.2	6.1	4.7	0.5	3.0
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	4.8	73.1	14.2	106	141	12.7	212	48	9.1	300	0.3	7	4.5	0.7	719	56.5	105		41.6	6.3	4.5	0.5	2.8
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
SDC-1 Meas		117	22.8	< 0.1	128		183	39	< 0.1			< 1	< 0.1		645	41.0	84.0		39.9	8.5	6.7	1.0	6.4
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		113	18.0	< 0.1	112		190	28	< 0.1			< 1	< 0.1		649	44.5	91.6		42.1	7.7	7.4	1.0	5.9
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		111	17.4	< 0.1	109		183	34	0.2			< 1	< 0.1		662	44.4	93.4		42.4	7.2	7.4	1.0	6.1
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		116	19.6	< 0.1	113		174	37	0.8			< 1	< 0.1		623	38.5	85.8		38.6	7.5	6.7	1.0	6.2
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas																							
SDC-1 Cert																							
GXR-6 Meas	0.5	137	29.9	287	83.7	11.6	42.2	85	2.4	1.38	< 0.1	1	1.8	< 0.1	1370	13.1	34.3		12.6	2.2	2.4	0.3	2.4
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas	< 0.1	140	22.3	323	86.8	11.6	38.0	96	4.3	2.98	< 0.1	1	1.9	< 0.1	1200	13.5	35.9		12.4	2.5	2.5	0.3	2.2
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas	0.5	144	25.7	237	64.8	12.1	45.9	75	0.2	0.80	< 0.1	< 1	1.1	< 0.1	1390	13.7	36.3		13.1	2.5	2.4	0.3	2.2
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas	0.4	136	21.0	293	81.9	12.4	45.8	89	1.9	1.45	< 0.1	1	1.8	< 0.1	1410	13.1	36.3		13.0	2.6	2.5	0.4	2.6
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas	1.2	141	22.6	325	87.0	12.5	39.4	99	4.8	2.19	< 0.1	1	2.5	< 0.1	1210	13.8	39.1		13.6	2.7	2.7	0.4	2.6
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
OREAS 97 (4 Acid) Meas	71.4	637										91	6.6										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	60.9	616										96	7.1										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	63.1	609										93	6.3										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	80.9	616										89	7.9										

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	68.1	675										94	6.5										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 98 (4 Acid) Meas	192	1410										191	10.2										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	139	1210										193	7.0										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	150	1360										191	9.7										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	135	1490										193	6.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		69.6	14.2		3.8	15.7	149	38	1.5				0.8		106	4.0			5.2				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		60.2	12.6		3.5	13.4	136	34	1.3				0.8		93	3.6			4.4				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		65.7	14.0		4.0	15.3	152	37	1.5				0.8		106	4.0			5.1				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		65.1	13.9		3.8	15.7	150	39	1.7				0.8		104	3.6			5.0				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		72.0	15.6		4.0	16.1	157	40	1.6				0.9		104	3.9			5.1				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
SBC-1 Meas		212	27.0	25.1	149	30.7	187	125	14.9	2.20		4	1.0		610	52.0	101	12.2	48.1	10.0	7.7	1.1	6.5
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		198	22.8	20.1	140	27.3	171	115	13.9	2.24		3	1.0		412	47.9	95.5	10.4	45.0	7.3	7.6	0.9	5.7
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		202	23.2	22.4	153	29.8	190	126	15.7	2.12		4	1.1		559	55.4	113	12.1	50.7	9.1	8.7	1.1	6.3
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		188	20.0	23.7	142	28.9	182	125	15.3	2.16		3	1.0		743	48.2	99.7	11.5	47.0	9.0	8.6	1.1	6.4
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		216	23.9	26.6	146	31.3	186	129	16.0	2.88		4	1.1		796	51.0	107	12.3	50.1	9.4	8.2	1.2	6.7

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		47.6	23.3	10.0	46.2	11.0	33.4	109	2.0	0.63	< 0.1	< 1	< 0.1		186	18.0	36.4	4.0	14.5	3.1	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		48.5	22.4	6.3	48.6	10.8	34.3	47	< 0.1	0.21	< 0.1	< 1	< 0.1		187	19.0	39.6	3.7	15.3	2.5	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		44.1	20.5	8.8	46.8	10.2	33.9	113	1.1	0.92	< 0.1	< 1	< 0.1		184	18.2	38.6	3.6	14.5	2.6	2.5	0.3	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.1	22.3	5.9	43.0	10.9	32.7	59	0.1	0.28	< 0.1	< 1	< 0.1		182	17.2	37.4	3.8	14.7	2.9	2.4	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		48.3	23.4	7.0	43.9	11.0	31.2	57	0.3	0.26	< 0.1	< 1	< 0.1		183	17.5	38.7	3.8	15.2	2.8	2.7	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
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OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 222 (Fire Assay) Meas																							
OREAS 222 (Fire Assay) Cert																							
OREAS 96 (4 Acid) Meas	48.3	497										67	4.5										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	38.0	473										65	5.5										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	39.7	447										63	4.1										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	37.4	442										62	4.4										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	5.6 > 10000	28.9	66.0	91.1	12.3	67.5	187	9.9	13.4	1.7	6	19.1			20.2	48.5						0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139		21.6	46.6						0.460	
OREAS 621 (4 Acid) Meas	5.3 > 10000	23.2	72.3	88.3	13.1	86.1	196	10.7	15.0	1.9	6	96.6			24.7	53.2						0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139		21.6	46.6						0.460	
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
OREAS 255 (Fire Assay) Meas																							
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OREAS 255 (Fire Assay) Meas																							
OREAS 255 (Fire Assay) Cert																							
783747 Orig																							
783747 Dup																							
783757 Orig																							
783757 Dup																							
783767 Orig																							
783767 Dup																							
783782 Orig																							
783782 Dup																							
783787 Orig																							
783787 Split PREP DUP																							
783791 Orig																							
783791 Dup																							
783802 Orig																							
783802 Dup																							
783816 Orig																							
783816 Dup																							
783826 Orig																							
783826 Dup																							
783835 Orig																							
783835 Dup																							
783837 Orig																							
783837 Split PREP DUP																							
783849 Orig																							
783849 Dup																							
783860 Orig																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	1.4	0.8	< 0.1	0.6	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	1.1	0.6	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	0.3	< 0.2	< 0.1	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	< 0.1	< 0.2	< 0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	1.1	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.6	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.17	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	0.3	0.1	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	0.9	< 0.2	< 0.1	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas	6440		0.2	1.0	0.1	0.6	34.6		3.28	52.3	8	22.9	6.0	0.258	0.135	1.83
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	6630		0.2	1.0	0.1	0.6	35.7		3.01	47.0	8	18.4	5.3	0.276	0.134	1.85
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	6420		0.2	1.0	0.1	0.6	33.9		3.27	52.3	8	18.4	6.0	0.282	0.133	1.81
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	6350		0.2	1.1	0.1	0.6	34.8		3.26	51.5	8	20.3	5.9	0.270	0.140	1.88
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	5790		0.2	1.1	0.1	0.6	37.5		3.18	52.0	8	22.3	6.0	0.261	0.133	1.85
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
SDC-1 Meas	32.8		0.5	3.1		< 0.1	< 0.1		0.65	25.3	16	12.0	2.8	0.114	0.056	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	32.2		0.5	3.2		< 0.1	< 0.1		0.64	25.6	17	11.7	2.8	0.120	0.057	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	33.2		0.5	3.3		< 0.1	< 0.1		0.64	25.9	17	12.0	3.4	0.106	0.056	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	34.1		0.5	3.3		< 0.1	< 0.1		0.62	24.9	16	11.6	2.7	0.103	0.055	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas											16			0.0625	0.055	
SDC-1 Cert										17.00				0.606	0.0690	
GXR-6 Meas	73.8			1.6	0.2	< 0.1	0.3		2.16	102	29	5.2	1.5		0.036	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas	74.4			1.6	0.3	0.1	0.7		2.06	99.7	29	4.9	1.4		0.034	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas	76.9			1.6	0.3	< 0.1	< 0.1		2.15	101	29	5.0	1.4		0.037	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas	74.1			1.7	0.3	< 0.1	0.2		2.14	103	31	5.5	1.5		0.039	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas	76.6			1.9	0.3	0.2	0.7		2.34	109		5.7	1.6			
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101		5.30	1.54			
OREAS 97 (4 Acid) Meas	> 10000									141						6.90
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									143						6.69
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									149						6.73
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									141						6.81

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									142						6.85
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 98 (4 Acid) Meas	> 10000									322						15.8
OREAS 98 (4 Acid) Cert	14800.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									335						14.5
OREAS 98 (4 Acid) Cert	14800.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									328						13.8
OREAS 98 (4 Acid) Cert	14800.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									309						15.5
OREAS 98 (4 Acid) Cert	14800.0									345						15.5
OREAS 98 (4 Acid) Meas																15.6
OREAS 98 (4 Acid) Cert																15.5
DNC-1a Meas	104			1.9						6.0	31			0.262		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	89.8			1.6						5.6	30			0.278		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	108			1.9						6.2	31			0.283		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	105			2.0						6.4	30			0.260		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	105			2.0						6.6	31			0.272		
DNC-1a Cert	100			2.0						6.3	31			0.29		
SBC-1 Meas	33.0		0.5	3.2	0.4	1.0	1.6		0.92	37.0	22	16.0	5.8	0.488		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	30.7		0.5	3.0	0.4	0.9	1.4		0.79	32.5	21	13.5	5.2	0.507		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	32.2		0.5	3.4	0.5	0.9	1.6		0.92	37.7	22	16.1	6.0	0.507		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	32.4		0.5	3.4	0.4	1.0	1.6		0.90	37.6	23	15.8	5.7	0.492		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	36.9		0.5	3.6	0.5	1.1	1.6		0.95	38.3	22	16.5	6.0	0.493		

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas	394			1.4	0.2	< 0.1	< 0.1		0.27	22.8	60	15.6	3.0	0.382	0.040	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	426			1.5	0.2	< 0.1	< 0.1		0.27	22.4	56	14.9	2.8	0.126	0.034	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	375			1.4	0.2	< 0.1	< 0.1		0.26	22.6	58	14.8	2.8	0.477	0.037	0.22
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	392			1.5	0.2	< 0.1	< 0.1		0.26	23.3	55	14.7	2.8	0.157	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	390			1.5	0.2	< 0.1	< 0.1		0.28	23.0	56	14.5	2.9	0.137	0.035	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 222 (Fire Assay) Meas																
OREAS 222 (Fire Assay) Cert																
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Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 255 (Fire Assay) Cert																
OREAS 255 (Fire Assay) Meas																
OREAS 255 (Fire Assay) Cert																
OREAS 255 (Fire Assay) Meas																
OREAS 255 (Fire Assay) Cert																
OREAS 255 (Fire Assay) Meas																
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OREAS 255 (Fire Assay) Cert																
783747 Orig																
783747 Dup																
783757 Orig																
783757 Dup																
783767 Orig																
783767 Dup																
783782 Orig																
783782 Dup																
783787 Orig																
783787 Split PREP DUP																
783791 Orig																
783791 Dup																
783802 Orig																
783802 Dup																
783816 Orig																
783816 Dup																
783826 Orig																
783826 Dup																
783835 Orig																
783835 Dup																
783837 Orig																
783837 Split PREP DUP																
783849 Orig																
783849 Dup																
783860 Orig																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	0.09	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	1.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	0.10	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0005	< 0.001	< 0.01
Method Blank	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank																
Method Blank																
Method Blank																



Date Submitted: 18-Apr-19
Invoice No.: A19-05631
Invoice Date: 30-Apr-19
Your Reference: Exploration/Prospecting

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C 1B5

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

148 Core samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A19-05631**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
783979	8
783980	< 5
783981	< 5
783982	5
783983	9
783984	104
783985	424
783986	30
783987	7
783988	9
783989	< 5
783990	3400
783991	10
783992	6
783993	< 5
783994	6
783995	15
783996	8
783997	< 5
783998	< 5
783999	< 5
784000	< 5
784001	< 5
784002	9
784003	< 5
784004	< 5
784005	< 5
784006	< 5
784007	< 5
784008	9
784009	35
784010	5650
784011	31
784012	9
784013	13
784014	9
784015	12
784016	39
784017	22
784018	10
784019	< 5
784020	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
784021	< 5
784022	< 5
784023	< 5
784024	10
784082	34
784083	12
784084	6
784029	< 5
784030	6690
784031	< 5
784032	< 5
784033	5
784034	< 5
784035	< 5
784036	18
784037	18
784038	< 5
784039	< 5
784040	< 5
784041	< 5
784042	< 5
784043	< 5
784044	7
784045	< 5
784046	< 5
784047	< 5
784048	5
784049	< 5
784050	3570
784051	12
784052	16
784053	< 5
784054	< 5
784055	43
784056	43
784057	< 5
784058	< 5
784059	6
784060	< 5
784061	< 5
784062	10
784063	25

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
784064	26
784065	5
784066	8
784067	< 5
784068	< 5
784069	9
784070	5480
784071	< 5
784072	6
784073	15
784074	8
784075	10
784076	15
784077	24
784078	10
784079	8
784080	< 5
784081	8
784085	13
784086	14
784087	16
784088	10
784089	10
784090	6730
784091	11
784092	19
784093	6
784094	< 5
784095	< 5
784096	< 5
784097	< 5
784098	< 5
784099	11
784100	< 5
784101	9
784102	6
784103	12
784104	8
784105	7
784106	6
784107	5
784108	< 5

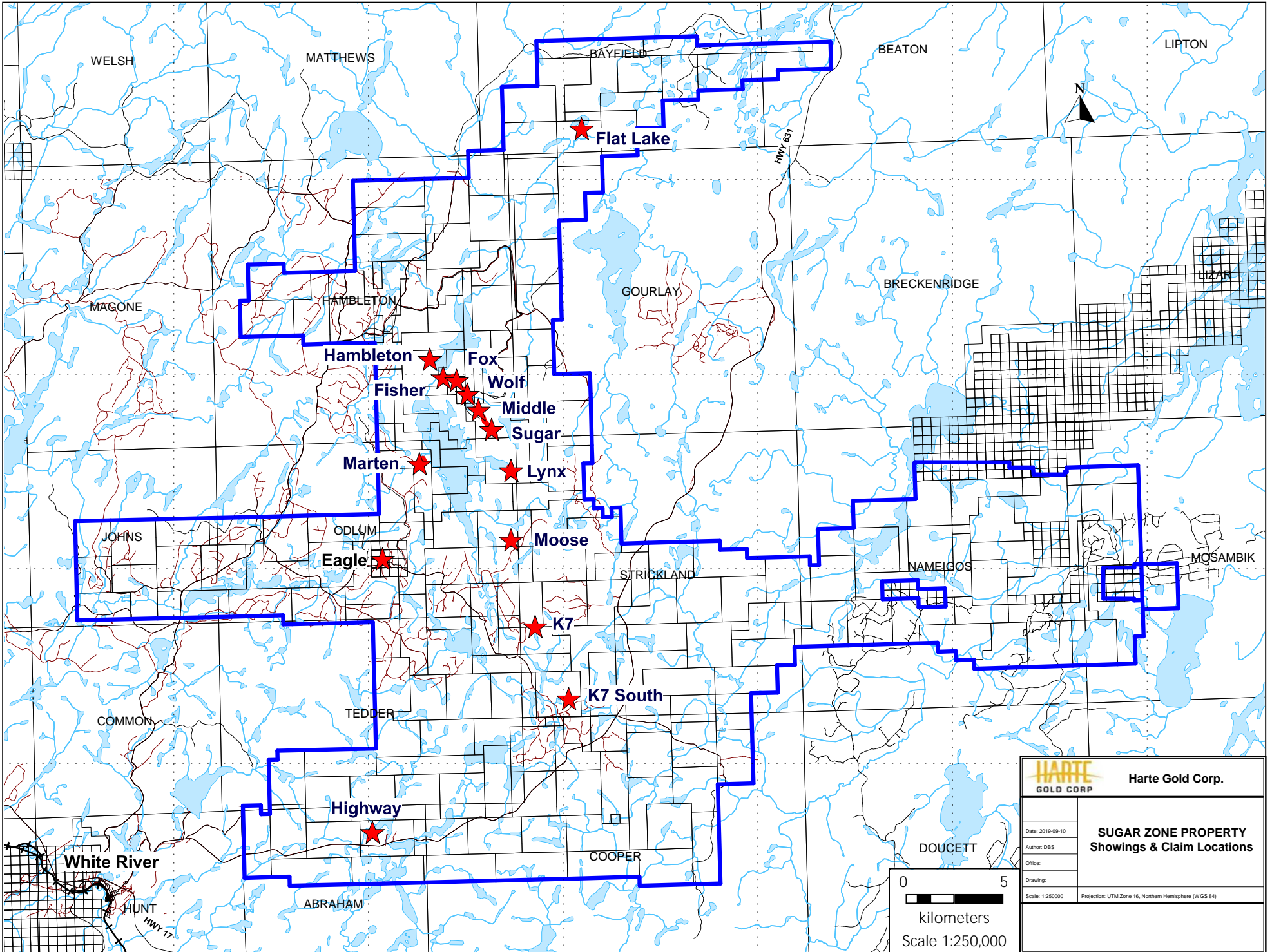
Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
784109	< 5
784110	3490
784111	< 5
784112	< 5
784113	< 5
784114	< 5
784115	5
784116	6
784117	10
784118	< 5
784119	< 5
784120	< 5
784121	10
784122	6
784123	< 5
784124	5
784125	8
784126	7
784127	5
784128	< 5
784129	< 5
784130	5620

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 222 (Fire Assay) Meas	1200
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1200
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1170
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1200
OREAS 222 (Fire Assay) Cert	1220
OREAS 222 (Fire Assay) Meas	1230
OREAS 222 (Fire Assay) Cert	1220
OREAS 255 (Fire Assay) Meas	4190
OREAS 255 (Fire Assay) Cert	4080
OREAS 255 (Fire Assay) Meas	4210
OREAS 255 (Fire Assay) Cert	4080
OREAS 255 (Fire Assay) Meas	4070
OREAS 255 (Fire Assay) Cert	4080
OREAS 255 (Fire Assay) Meas	4230
OREAS 255 (Fire Assay) Cert	4080
OREAS 255 (Fire Assay) Meas	4120
OREAS 255 (Fire Assay) Cert	4080
783988 Orig	9
783988 Dup	8
783998 Orig	< 5
783998 Dup	6
784009 Orig	36
784009 Dup	34
784023 Orig	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
784023 Dup	< 5
784029 Orig	< 5
784029 Split PREP DUP	< 5
784033 Orig	5
784033 Dup	5
784045 Orig	< 5
784045 Dup	< 5
784058 Orig	< 5
784058 Dup	< 5
784068 Orig	< 5
784068 Dup	< 5
784079 Orig	8
784079 Split PREP DUP	7
784079 Orig	7
784079 Dup	8
784095 Orig	< 5
784095 Dup	< 5
784105 Orig	7
784105 Dup	6
784116 Orig	6
784116 Dup	6
784129 Orig	< 5
784129 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Appendix F – K7 Zone – 2018-2019 Actlabs Invoices

Appendix G – K7 Zone – 2018-2019 Chibougamau Invoices



WELSH

MATTHEWS

BAYFIELD

BEATON

LIPTON

Flat Lake

MAGONE

HAMBLETON

GOURLAY

BRECKENRIDGE

LIZAR

Hambleton

Fisher

Fox

Wolf

Middle

Sugar

Marten

Lynx

JOHNS

ODLUM

Moose

STRICKLAND

NAMEIGOS

MOSAMBIK

Eagle

K7

K7 South

COMMON

TEDDER

DOUCETT

White River

Highway

COOPER

HUNT

ABRAHAM