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**2018 DIAMOND DRILLING REPORT
SUGAR & WOLF ZONES
DAYOHESSARAH LAKE AREA
WHITE RIVER, ONTARIO**

NTS 42C/ 10, 11, 14 and 15

Latitude 48°48' N, Longitude 85°10' W

**Dates Work Performed
June 06, 2018 – August 31, 2020**

for

**Harte Gold Corporation
161 Bay Street
Suite 2400
Toronto, Ontario
M5J 2S1**

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Executive Summary

Between June 06, 2018 and September 05, 2018 Harte Gold Corporation performed a twenty-six hole, 13,809 meter diamond drill program at the Sugar and Wolf Zones. The Sugar and Wolf Zones are located on the Sugar Zone property (“the Property”) which is located in the Dayohessarah Lake area, north of White River, Ontario. Four drill rigs (Drill 12, 19, 20 and 33) were supplied by Foraco International SA, plus three drill rigs (HC-150-17, 19 and 21) from Chibougamau Diamond Drilling Ltd. to perform drilling for the drill program. The Foraco drill rigs were managed by John Kita, Chief Mine Geologist, while the Chibougamau drill rigs were managed by David Stevenson, Chief Exploration Geologist.

The intent of the drill program was to continue drill testing the on-strike extensions of the Sugar and Wolf Zones where previous drilling encountered gold-bearing zones of interest. Drilling in both areas succeeded in intersecting gold zones of economic interest.

A total of \$1,801,069 was spent on this drill program which included cost such as drilling, assay and salaries, etc. The average cost per meter was \$130.43.

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 Sugar Zone Property, including the Sugar Zone. Harte subsequently entered into a Joint Venture agreement with Corona Gold Corporation.

1.0 Introduction

The Sugar and Wolf Zones are two of several gold-bearing zones identified on Harte Gold’s Sugar Zone 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.

This report will summarize and discuss the results of the diamond drill program conducted between June 06, 2018 and September 05, 2018 by Harte Gold Corp. on the Sugar Zone Property. The drill report was written from August 24 to August 31, 2020.

All the drill holes were drilled on the Sugar Zone mining leases LEA-109602. The work permit for this area was PR-15-10790 which expired February 10, 2019.

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

2.0 Property Location and Description

2.1 Location and Access

The Sugar Zone 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.

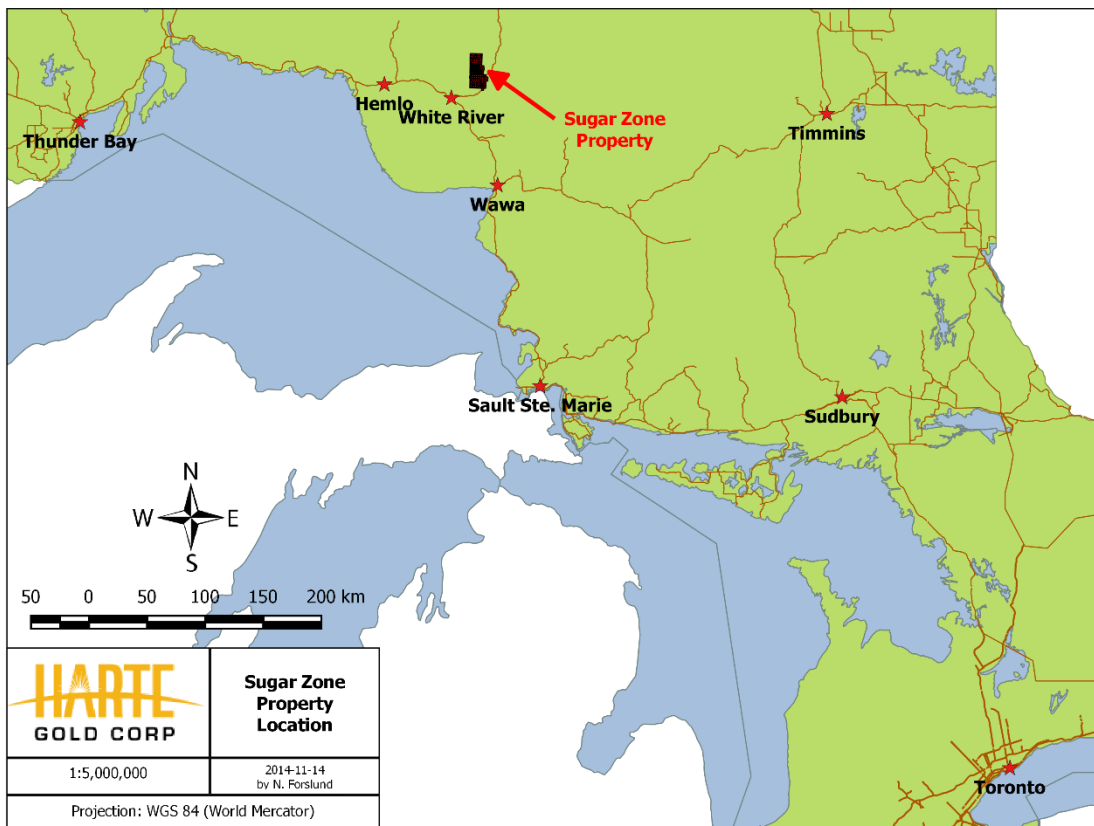


Figure 1 - Property Location

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 Sugar Zone 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 Sugar Zone 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 Sugar Zone 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.

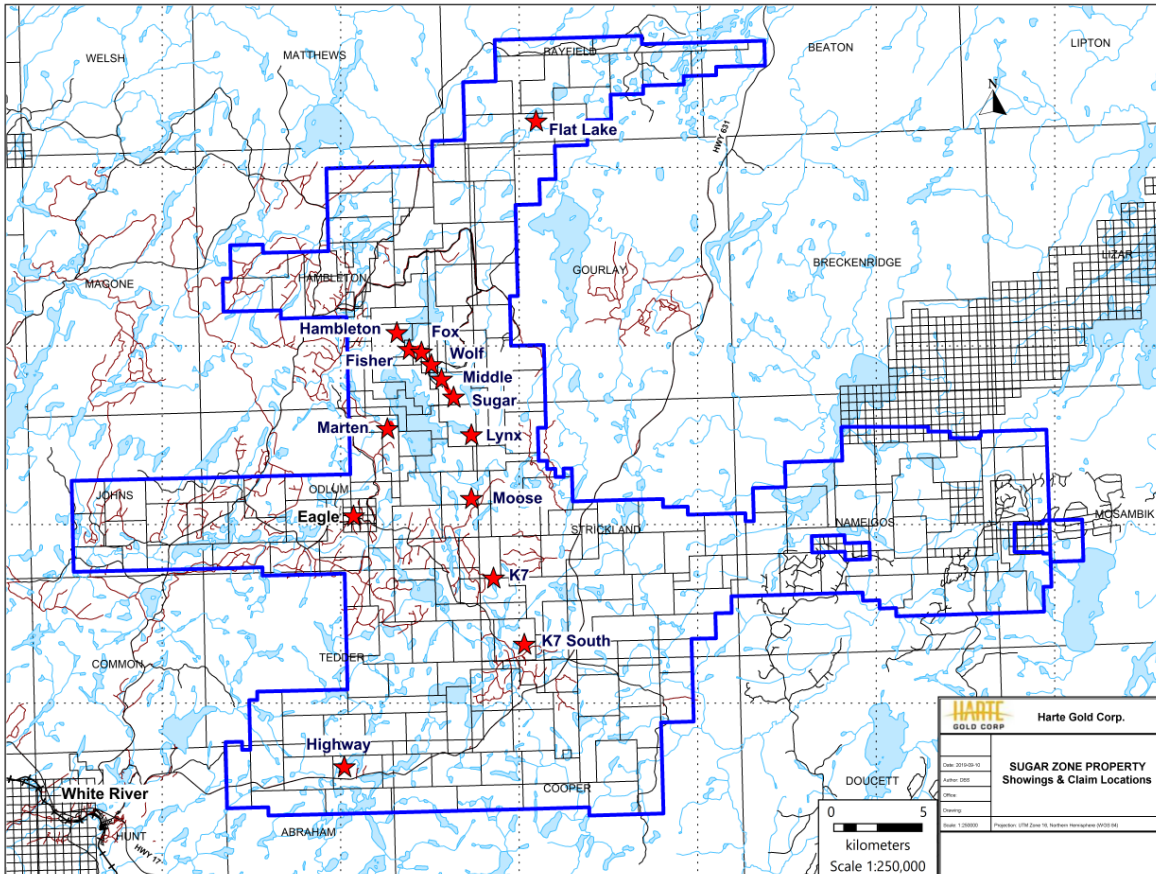


Figure 2 - Claim Position and Showings

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 Sugar Zone 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 Sugar Zone 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 successfully 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-porphry 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).

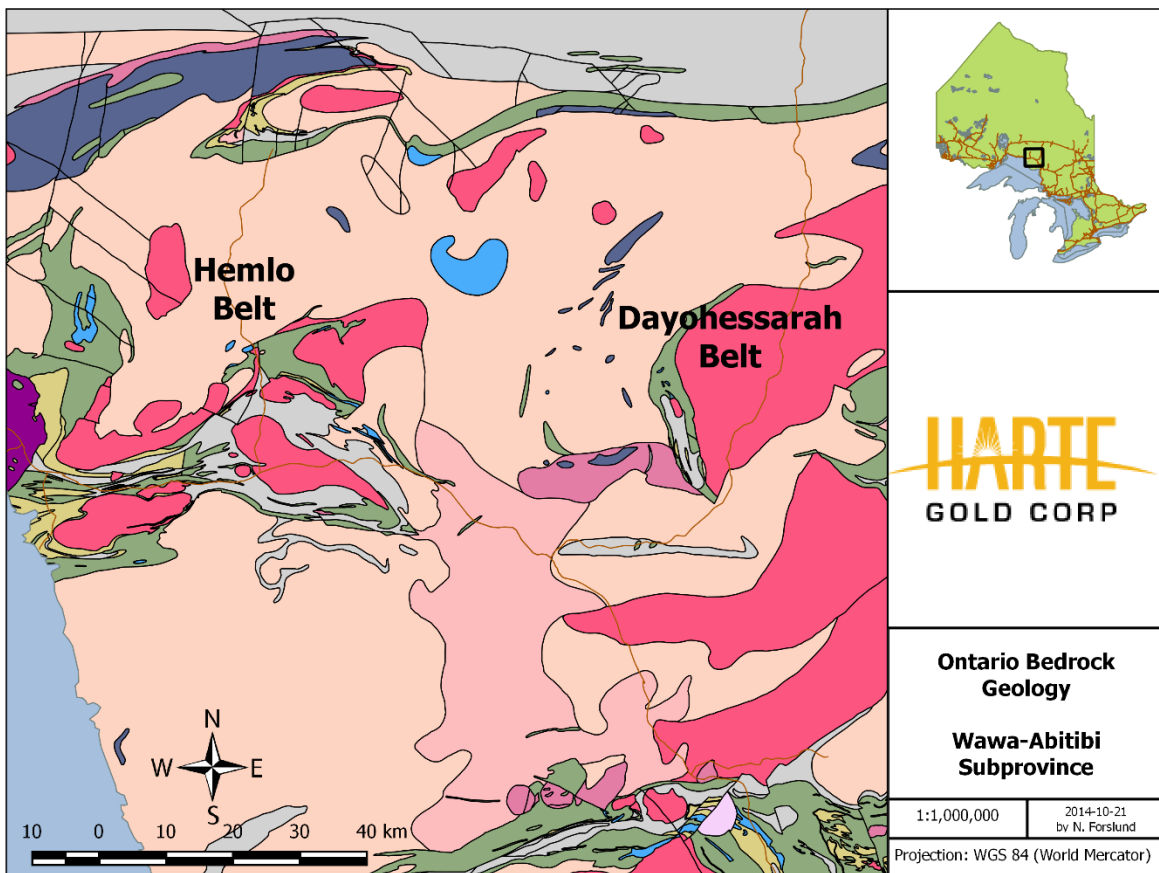


Figure 3 - Regional Geology

Alteration throughout the belt consists of diopside, 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:

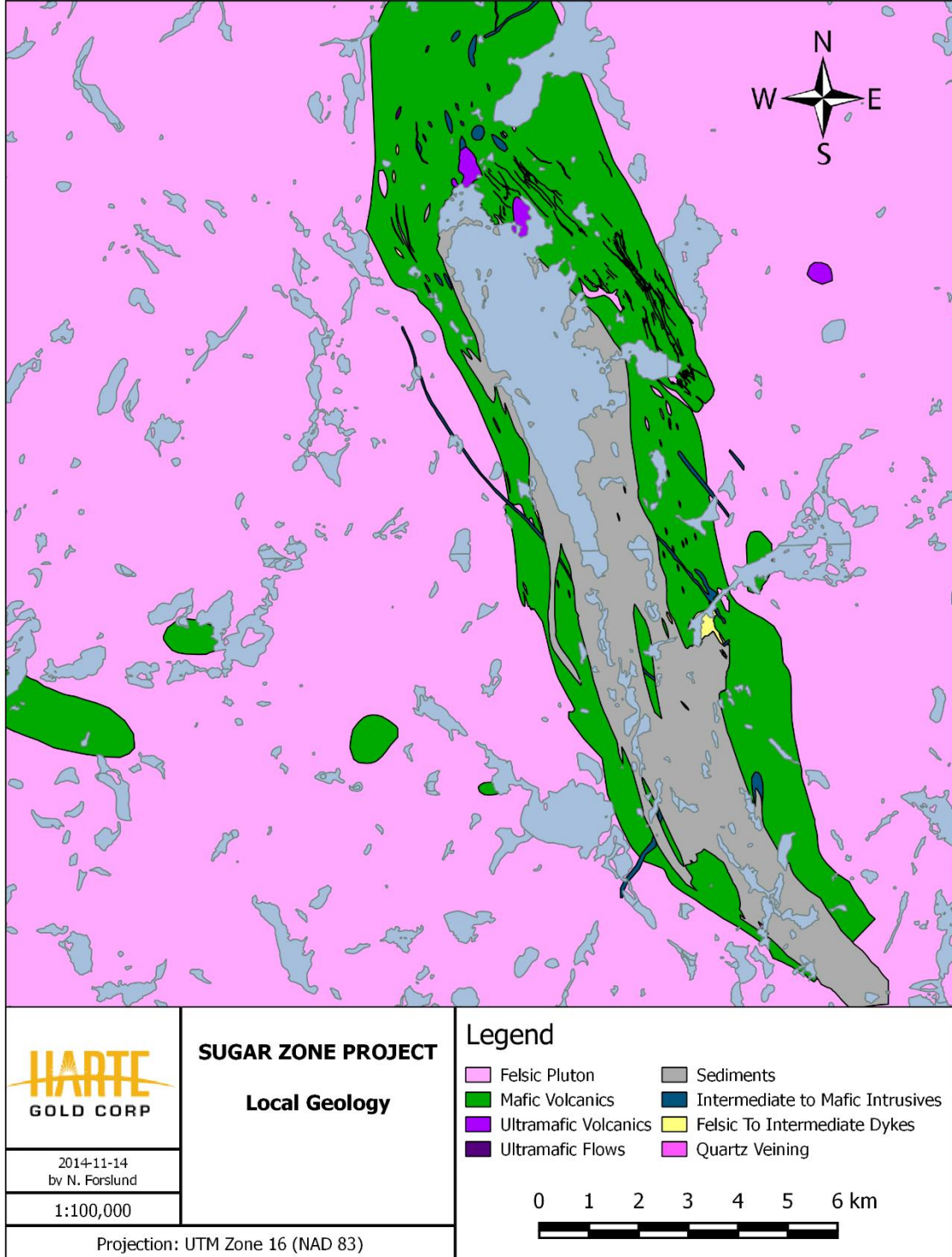


Figure 4 - Property Geology

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

Twenty-six diamond drill holes totalling 13,809 meters were drilled into the Sugar and Wolf Zones to drill test the on-strike extensions of the Sugar and Wolf Zones where previous drilling encountered gold-bearing zones of interest. Drilling in both areas succeeded in intersecting gold zones of economic interest.

A summary table of drill hole information is indicated in Table 1.

A geological legend, drill logs, cross sections and plans for all holes are presented in Appendix B to Appendix E, respectively.

6.4 Results

A total of 978 core samples were collected 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.

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

A summary of assay result for each hole are summarized in Table 2.

Assay certificates from Actlabs can be found in Appendix F. Actlabs invoices are found in Appendix G. Foraco International SA and Chibougamau invoices are in Appendices H and I.

7.0 Conclusions and Recommendations

Between June 06, 2018 and September 05, 2018 Harte Gold Corporation performed a twenty-six hole, 13,809 meter diamond drill program at the Sugar and Wolf Zones. Zones of economic interest were intersected in both zones.

This drill report was written from August 24 to August 31, 2020.

8.0 Costs

A total of \$1,801,069 was spent during the Sugar and Wolf Zone drill programs. Costs and cost distribution per claim are summarized in Tables 3 and 4. A summary of drilling cost per hole for Chibougamau Diamond Drilling and Foraco International are available in Tables 5 and 6. Table 7 provides a summary of analytical costs per hole while Table 8 provides a summary of total drilling days and total truck kilometer usage.

Table 1 – Sugar & Wolf Zones - Drill Hole Summary Table

# of Holes	Hole ID	Easting	Northing	Azimuth	Dip	Length (m)	Claim #
1	WZ-18-171	644712.9	5408406.9	55.9	-52.2	369	LEA-109602
2	WZ-18-171W	644712.9	5408406.9	55.9	-52.2	654	LEA-109602
3	WZ-18-175	644866.17	5408545.6	55.2	-76.7	598.5	LEA-109602
4	WZ-18-179	644712.64	5408406.49	48.3	-78	678	LEA-109602
5	WZ-18-179W	644712.64	5408406.49	48.3	-78	1189	LEA-109602
6	WZ-18-179W2	644712.64	5408406.49	48.3	-78	831	LEA-109602
7	WZ-18-179W3	644712.64	5408406.49	48.3	-78	1143.64	LEA-109602
8	WZ-18-179W4	644712.64	5408406.49	48.3	-78	798	LEA-109602
9	WZ-18-188	644669.26	5408502.46	58.8	-76.9	537	LEA-109602
10	SZ-18-254	645683.49	5407150.32	56.3	-70.7	777	LEA-109602
11	WZ-18-190	645366.26	5408186.68	70.3	-65.2	300	LEA-109602
12	WZ-18-191	645365.85	5408186.88	70.2	-76.1	351	LEA-109602
13	WZ-18-192	645409.55	5408072.97	33	-59.2	297	LEA-109602
14	WZ-18-193	645410.23	5408072.34	49.4	-62.5	363	LEA-109602
15	WZ-18-194	645466.9	5408075.29	63.8	-50.2	300	LEA-109602
16	WZ-18-195	645466.94	5408075.53	72.4	-71.3	351	LEA-109602
17	WZ-18-196	645410.73	5408071.5	52.3	-51.5	300.65	LEA-109602
18	WZ-18-197	645097.48	5407850.6	34.6	-82.5	1218	LEA-109602
19	WZ-18-198	645352.48	5407913.48	50.2	-53.2	423	LEA-109602
20	WZ-18-199	645352.33	5407913.11	50.4	-62.4	450	LEA-109602
21	WZ-18-200	645352.18	5407913.17	49.4	-67.8	489	LEA-109602
22	WZ-18-201	645352.11	5407913.12	48.3	-73.7	537	LEA-109602
23	WZ-18-202	645103.49	5407746.46	62	-78.2	1194	LEA-109602
24	WZ-18-202W	645103.49	5407746.46	62	-78.2	1047	LEA-109602
25	WZ-18-204	645103.24	5407746.94	61.1	-73.8	1020	LEA-109602
26	WZ-18-205	645155.85	5407491.84	42.1	-79.5	1303	LEA-109602

Table 2 – Sugar & Wolf Zones – Summary of Assay Results Per Hole

# of Holes	Hole #	Zone	Au g/t	Width (m)	From (m)	To (m)
1	WZ-18-171	Upper	NSV			
		Lower	NSV			
2	WZ-18-171W	Wolf	0.04	2.00	575.83	577.83
3	WZ-18-175	Middle	5.64	10.60	529.20	539.80
4	WZ-18-179	NSV				
5	WZ-18-179W	Wolf	1.45	2.00	1126.00	1128.00
6	WZ-18-179W2	Wolf	NSV			
7	WZ-18-179W3	Wolf	0.74	1.36	1078.05	1079.41
		Wolf-FW	0.33	1.14	1093.86	1095.00
8	WZ-18-179W4	Wolf	NSV			
9	WZ-18-188	Wolf	NSV			
10	SZ-18-254	Upper	1.68	1.14	615.00	616.14
		Lower	30.95	1.32	652.77	654.09
11	WZ-18-190	Middle	18.61	1.45	212.90	214.35
12	WZ-18-191	Middle	2.08	1.35	253.50	254.85
13	WZ-18-192	Middle	1.03	4.62	247.38	252.00
14	WZ-18-193	Middle	9.74	1.79	239.48	241.27
15	WZ-18-194	Middle	NSV			
16	WZ-18-195	Middle	NSV			
17	WZ-18-196	Middle	NSV			
18	WZ-18-197	Middle	3.03	2.00	1175.44	1177.44
19	WZ-18-198	Middle	0.02	1.75	362.75	364.50
		FW	5.32	1.50	402.00	403.50
20	WZ-18-199	Middle	0.82	2.45	388.09	390.54
		FW	2.50	1.54	427.36	428.90
21	WZ-18-200	Middle	5.17	1.88	423.00	424.88
22	WZ-18-201	Middle	10.70	1.93	485.21	487.14
23	WZ-18-202	Middle	0.46	3.57	995.35	998.92
24	WZ-18-202W	Middle	35.59	2.58	956.42	959.00
25	WZ-18-204	Middle	0.59	2.23	925.83	928.06
26	WZ-18-205	Middle	2.69	2.72	1157.58	1160.30

Table 3 – Sugar & Wolf Zones - Summary of Costs

Activity	Units		Cost per Unit		Total	%
Drilling (26 holes)	13,809	meters	@	\$113.76	per meter	\$1,570,873 87.2%
Planning/Supervision	149	man-days	@	\$692.28	per day	\$ 103,150 5.7%
Drill Geologist	149	man-days	@	\$285.56	per day	\$ 42,548 2.4%
Core Cutter	149	man-days	@	\$220.00	per day	\$ 32,780 1.8%
Assays	978	samples	@	\$16.27	per sample	\$ 15,914 0.9%
Truck Km Charge	7,488	km	@	\$0.50	per km	\$ 3,744 0.2%
Room & Board - Supervisor	149	man-days	@	\$89.00	per day	\$ 13,261 0.7%
Room & Board - Geologist	149	man-days	@	\$89.00	per day	\$ 13,261 0.7%
Report Writing	8	man-days	@	\$692.28	per day	\$ 5,538 0.3%
Total Drill Cost						\$1,801,069 100.0%
					Ave. \$/m	\$ 130.43

Table 4 – Sugar & Wolf Zones - Cost Per Claim

Claim #	LEA-109602	Totals
Meters/Claim	13,809	13,809
% of Total Meters	100%	100%
Activity		
Drill Cost	\$1,570,873	\$1,570,873
Planning/Supervision	\$103,150	\$103,150
Drill Geologist	\$42,548	\$42,548
Core Cutter	\$32,780	\$32,780
Assay Cost	\$15,914	\$15,914
Truck Km Charge	\$3,744	\$3,744
Room - Supervisor	\$13,261	\$13,261
Room - Geologist	\$13,261	\$13,261
Report Writing	\$5,538	\$5,538
Total Cost/Claim	\$1,801,069	\$1,801,069

Table 5 – Sugar & Wolf Zones – Chibougamau DDH Program Cost Summary

	DDH & Cost Item	Invoice Cost	Total Meters	\$/Meter	Invoice #	Claim #	m/Claim	Start Date	End Date
1	WZ-18-171								
	NW casing	\$375.00							
	NQ drilling	\$23,401.50							
	Refelx tests	\$1,000.00							
	Waterline								
	Material left in hole	\$3,375.00							
	Man/Machine hours	\$2,887.50							
	Handling cost	\$626.25							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$31,665.25	369	\$85.81	23889, 23890	LEA-109602	369	05-Jul-18	10-Jul-18
2	WZ-18-171W								
	NW casing								
	NQ drilling	\$21,990.75							
	Refelx tests	\$1,040.00							
	Waterline								
	Material left in hole	\$4,495.00							
	Man/Machine hours	\$9,895.00							
	Handling cost	\$1,439.00							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$38,859.75	296	\$131.28	23890, 23891	LEA-109602	296	10-Jul-18	15-Jul-18
3	WZ-18-175								
	NW casing	\$562.50							
	NQ drilling	\$40,122.75							
	Refelx tests	\$1,800.00							
	Waterline								
	Material left in hole	\$2,235.00							
	Man/Machine hours	\$2,245.00							
	Handling cost	\$1,347.00							
	Excavator rental	\$7,500.00							
	Reflex rental	\$2,650.00							
	APS Rental								
	Total Cost for hole	\$58,462.25	598.5	\$97.68	23892, 23964 23965	LEA-109602	598.5	12-Jul-18	21-Jul-18
4	WZ-18-179								
	NW casing	\$187.50							
	NQ drilling	\$47,515.50							
	Refelx tests	\$2,160.00							
	Waterline								
	Material left in hole	\$3,615.00							
	Man/Machine hours	\$7,537.50							
	Handling cost	\$1,231.25							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$62,246.75	678	\$91.81	23965, 23966	LEA-109602	678	21-Jul-18	30-Jul-18
5	WZ-18-179W								
	NW casing								
	NQ drilling	\$59,171.75							
	Refelx tests	\$2,240.00							
	Waterline								
	Material left in hole	\$15,730.00							
	Man/Machine hours	\$9,937.50							
	Handling cost	\$1,489.75							
	Excavator rental								
	Reflex rental								
	APS Rental	\$700.00							
	Total Cost for hole	\$89,269.00	515.43	\$173.19	23967, 24012	LEA-109602	515.43	29-Jul-18	09-Aug-18

6	WZ-18-179W2								
	NW casing								
	NQ drilling	\$21,921.75							
	Reflex tests	\$960.00							
	Waterline								
	Material left in hole	\$3,800.00							
	Man/Machine hours	\$7,162.50							
	Handling cost	\$1,280.50							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$35,124.75	236.62	\$148.44	24013, 24014	LEA-109602	236.62	09-Aug-18	13-Aug-18
7	WZ-18-179W3								
	NW casing								
	NQ drilling	\$38,189.25							
	Reflex tests	\$1,360.00							
	Waterline								
	Material left in hole	\$5,120.00							
	Man/Machine hours	\$5,737.50							
	Handling cost	\$3,063.50							
	Excavator rental	\$7,500.00							
	Reflex rental	\$2,650.00							
	APS Rental								
	Total Cost for hole	\$63,620.25	316.54	\$200.99	24014, 24042	LEA-109602	316.54	13-Aug-18	20-Aug-18
8	WZ-18-179W4								
	NW casing								
	NQ drilling	\$33,471.75							
	Reflex tests	\$1,420.00							
	Waterline								
	Material left in hole	\$6,590.00							
	Man/Machine hours	\$7,875.00							
	Handling cost	\$1,446.50							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$50,803.25	403.78	\$125.82	24,043	LEA-109602	403.78	19-Aug-18	26-Aug-18
9	WZ-18-188								
	NW casing	\$720.00							
	NQ drilling	\$18,865.50							
	Reflex tests	\$800.00							
	Waterline								
	Material left in hole	\$4,745.00							
	Man/Machine hours	\$8,430.00							
	Handling cost	\$834.00							
	Excavator rental								
	Reflex rental								
	APS Rental								
	Total Cost for hole	\$34,394.50	537	\$64.05	24049, 24089 24090, 24131	LEA-109602	537	30-Aug-18	05-Sep-18
	Total Cost of 2019 Pgm	\$464,445.75							
	Total Meters of 2019 Pgm		3950.87						
	Average Cost/m			\$117.56					

Table 6 – Sugar & Wolf Zones – Foraco DDH Program Cost Summary

DDH & Cost Item	Invoice # 1807306	Meters	Invoice #	Meters	Invoice #	Meters	Invoice #	Meters	Total Invoice Cost	Total Meters	\$/Meter	Claim #	m/Claim	%/claim	\$/claim	Start Date	End Date
SZ-18-254	Invoice Cost		Invoice Cost		Invoice Cost		Invoice Cost										
NO drilling	\$69,944.00	777															
Survey Tool Rental	\$391.67																
Equipment Charges	\$386.67																
Core Boxes																	
Total Cost for hole	\$70,722.34	777							\$70,722.34	777	\$91.02	LEA-109602	777	100%	\$70,722.34	05-Jul-18	12-Jul-18
WZ-18-190	Invoice Cost		Invoice #1806281		Invoice #		Invoice #										
NO drilling	\$2,638.40	3	\$20,792.80	297													
Survey Tool Rental	\$235.00		\$235.00														
Equipment Charges	\$0.00		\$0.00														
Core Boxes																	
Total Cost for hole	\$2,873.40	3	\$21,027.80	297					\$23,901.20	300	\$79.67	LEA-109602	300	100%	\$23,901.20	28-Jun-18	02-Jul-18
WZ-18-191	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$30,363.00	351															
Survey Tool Rental	\$235.00																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$30,598.00	351							\$30,598.00	351	\$87.17	LEA-109602	351	100%	\$30,598.00	02-Jul-18	05-Jul-18
WZ-18-192	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$30,380.40	297															
Survey Tool Rental	\$293.75																
Equipment Charges	\$1,576.88																
Core Boxes																	
Total Cost for hole	\$32,251.03	297							\$32,251.03	297	\$108.59	LEA-109602	297	100%	\$32,251.03	06-Jun-18	12-Jun-18
WZ-18-193	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$28,378.20	363															
Survey Tool Rental	\$293.75																
Equipment Charges	\$1,576.88																
Core Boxes																	
Total Cost for hole	\$30,248.83	363							\$30,248.83	363	\$83.33	LEA-109602	363	100%	\$30,248.83	10-Jun-18	14-Jun-18
WZ-18-194	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$25,843.80	300															
Survey Tool Rental	\$235.00																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$26,078.80	300							\$26,078.80	300	\$86.93	LEA-109602	300	100%	\$26,078.80	19-Jun-18	28-Jun-18
WZ-18-195	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$25,228.10	351															
Survey Tool Rental	\$235.00																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$25,463.10	351							\$25,463.10	351	\$72.54	LEA-109602	351	100%	\$25,463.10	23-Jun-18	25-Jun-18
WZ-18-196	Invoice Cost		Invoice #1806281		Invoice #		Invoice #										
NO drilling	\$9,556.20	138	\$14,386.60	162													
Survey Tool Rental	\$293.75		\$235.00														
Equipment Charges	\$1,576.88		\$0.00														
Core Boxes																	
Total Cost for hole	\$11,426.83	138	\$14,621.60	162					\$26,048.43	300	\$86.83	LEA-109602	300	100%	\$26,048.43	14-Jun-18	18-Jun-18
WZ-18-197	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$95,996.50	1050															
Survey Tool Rental	\$3,471.88																
Equipment Charges	\$870.00																
Core Boxes																	
Total Cost for hole	\$100,338.38	1050							\$100,338.38	1050	\$95.56	LEA-109602	1050	100%	\$100,338.38	17-Jun-18	08-Jul-18
WZ-18-198	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$33,701.20	423															
Survey Tool Rental	\$235.00																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$33,936.20	423							\$33,936.20	423	\$80.23	LEA-109602	423	100%	\$33,936.20	10-Jul-18	14-Jul-18
WZ-18-199	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$37,095.40	450															
Survey Tool Rental	\$391.67																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$37,487.07	450							\$37,487.07	450	\$83.30	LEA-109602	450	100%	\$37,487.07	20-Jul-18	25-Jul-18
WZ-18-200	Invoice Cost		Invoice #		Invoice #		Invoice #										
NO drilling	\$42,783.30	489															
Survey Tool Rental	\$235.00																
Equipment Charges	\$0.00																
Core Boxes																	
Total Cost for hole	\$43,018.30	489							\$43,018.30	489	\$87.97	LEA-109602	489	100%	\$43,018.30	06-Jul-18	10-Jul-18
WZ-18-201	Invoice Cost		Invoice #1807328		Invoice #		Invoice #										
NO drilling	\$11,534.20	153	\$33,361.70	384													
Survey Tool Rental	\$235.00		\$391.67														
Equipment Charges	\$0.00		\$0.00														
Core Boxes																	
Total Cost for hole	\$11,769.20	153	\$33,753.37	384					\$45,522.57	537	\$84.77	LEA-109602	537	100%	\$45,522.57	15-Jul-18	20-Jul-18

	Invoice #1807326	Invoice #1808350	Invoice #	Invoice #															
23	WZ-18-202	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Total Invoice Cost	Total Meters	\$/Meter	Claim #	m/Claim	%/claim	\$/claim	Start Date	End Date	
	NO drilling	\$73,804.20	714	\$70,757.50	480														
	Survey Tool Rental	\$1,735.94		\$587.50															
	Equipment Charges	\$0.00		\$0.00															
	Third Party Invoices	\$380.42																	
	Total Cost for hole	\$75,920.56	714	\$71,345.00	480					\$147,265.56	1194	\$123.34	LEA-109602	1194	100%	\$147,265.56	24-Jul-18	12-Aug-18	
24	WZ-18-202W	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Total Invoice Cost	Total Meters	\$/Meter	Claim #	m/Claim	%/claim	\$/claim	Start Date	End Date	
	NO drilling	\$44,748.00	215	\$21,309.00	123														
	Survey Tool Rental	\$587.50		\$1,735.94															
	Equipment Charges	\$0.00		\$0.00															
	Core Boxes																		
	Total Cost for hole	\$45,335.50	215	\$23,044.94	123					\$68,380.44	338	\$202.31	LEA-109602	338	100%	\$68,380.44	12-Aug-18	19-Aug-18	
25	WZ-18-204	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Total Invoice Cost	Total Meters	\$/Meter	Claim #	m/Claim	%/claim	\$/claim	Start Date	End Date	
	NO drilling	\$104,514.80	1020	\$3,210.00	0														
	Survey Tool Rental	\$1,735.95		\$587.50															
	Equipment Charges	\$0.00		\$0.00															
	Core Boxes																		
	Total Cost for hole	\$106,250.75	1020	\$3,797.50	0					\$110,048.25	1020	\$107.89	LEA-109602	1020	100%	\$110,048.25	19-Aug-18	01-Sep-18	
26	WZ-18-205	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Invoice Cost	Meters	Total Invoice Cost	Total Meters	\$/Meter	Claim #	m/Claim	%/claim	\$/claim	Start Date	End Date	
	NO drilling	\$46,608.30	561	\$79,181.10	507	\$96,618.23	121	\$28,512.20	129										
	Survey Tool Rental	\$391.66		\$1,175.00		\$1,175.00		\$587.50											
	Equipment Charges	\$0.00		\$870.00		\$0.00		\$0.00											
	Core Boxes																		
	Total Cost for hole	\$46,999.96	561	\$81,226.10	507	\$97,793.23	121	\$29,099.70	129	\$255,118.99	1318	\$193.57	LEA-109602	1318	100%	\$255,118.99	26-Jul-18	05-Sep-18	
	Total Cost of 2018 Pgm									\$1,106,427									
	Total Meters of 2018 Pgm										9858								
	Average Cost/m											\$112.24							

Table 7 – Sugar & Wolf Zones – Analytical Cost Summary

BHID	COA NUMBER	SAMPLE_NUMBER	SAMPLE_NUMBER	SAMPLE_NUMBER		RX1-1-T (\$7/sample)	1A2 (\$8/sample)	1A3 (\$8/sample)	1A4 (\$40/sample)	50% Rush	100% Rush	125% Rush	Subtotal Cost	Claim #
1	WZ-18-171	A18-09371	386875	8		8	8						\$120.00	
	Total					8							\$120.00	LEA-109602
2	WZ-18-171W	A18-09371	386876	386882	7		7	7					\$105.00	
	Total					7		7					\$105.00	LEA-109602
3	WZ-18-175	A18-09537	386883	386912	30		30	28	30	4	1		\$1,016.00	
	Total					30		28	30	4	1		\$1,016.00	LEA-109602
4	WZ-18-179	A18-10529	386913	386922	10		10	10					\$150.00	
	Total					10		10					\$150.00	LEA-109602
5	WZ-18-179W	A18-10529	386923	386925	3		3	3					\$45.00	
		A18-10651	386926	386950	25	783001	783012	12					\$805.00	
	Total					40		37	34	37	1		\$850.00	LEA-109602
6	WZ-18-179W2	A18-10991	783013	783020	8		8	8					\$120.00	
	Total					8		8					\$120.00	LEA-109602
7	WZ-18-179W3	A18-11283	783021	783031	11		11	11					\$165.00	
		A18-11616	783032	783067	36		36	35	36				\$533.00	
	Total					47		46	47				\$698.00	LEA-109602
8	WZ-18-179W4	A18-12251	783068	783076	9		9	9					\$135.00	
	Total					9		9					\$135.00	LEA-109602
9	WZ-18-188	no assays											\$0.00	LEA-109602
10	SZ-18-254	A18-09981	600469	600500	32	597851	597878	28	597886	597917	32		\$1,345.00	
	Total					92		87	92				\$1,345.00	LEA-109602
11	WZ-18-190	A18-09450	596785	596817	33		33	31	33	1	1		\$529.00	
	Total					33		31	33	1	1		\$529.00	LEA-109602
12	WZ-18-191	A18-10050	596818	596832	15		15	14	14	1			\$218.00	
	Total					15		14	14	1			\$218.00	LEA-109602
13	WZ-18-192	A18-08265	596549	596572	24		24	22	24				\$346.00	
	Total					24		22	24				\$346.00	LEA-109602
14	WZ-18-193	A18-08264	596573	596627	55		55	53	55	1	1		\$859.00	
	Total					55		53	55	1	1		\$859.00	LEA-109602
15	WZ-18-194	A18-08349	596705	596733	29		29	27	29				\$421.00	
	Total					29		27	29				\$421.00	LEA-109602
16	WZ-18-195	A18-10046	596734	596764	31		31	30	31				\$458.00	
	Total					31		30	31				\$458.00	LEA-109602
17	WZ-18-196	A18-08841	596628	596704	77		77	73	77				\$1,127.00	
	Total					77		73	77				\$1,127.00	LEA-109602
18	WZ-18-197	A18-09161	597163	597221	59		59	56	59	1			\$872.00	
	Total					59		56	59	1			\$872.00	LEA-109602
19	WZ-18-198	A18-10049	596845	596874	30		30	28	30	3			\$460.00	
	Total					30		28	30	3			\$460.00	LEA-109602
20	WZ-18-199	A18-10527	596907	596928	22		22	21	22	1			\$331.00	
	Total					22		21	22	1			\$331.00	LEA-109602
21	WZ-18-200	A18-09453	596833	596844	12		12	12	12	4	1		\$252.00	
	Total					12		12	12	4	1		\$252.00	LEA-109602
22	WZ-18-201	A18-10561	596875	596906	32		32	32	33	1	1		\$536.00	
	Total					32		32	33	1	1		\$536.00	LEA-109602
23	WZ-18-202	A18-10789	597316	597377	62		62	59	62				\$909.00	
		A18-10790	597378	597432	55		55	52	55				\$804.00	
	Total					117		111	117				\$1,713.00	LEA-109602
24	WZ-18-202W	A18-11409	597433	597472	40		40	38	40	2	1		\$642.00	
	Total					40		38	40	2	1		\$642.00	LEA-109602
25	WZ-18-204	A18-11620	597473	597500	28	160001	160010	10					\$556.00	
		A18-12129	160011	160037	27								\$398.00	
		A18-12501	160038	160060	23								\$353.00	
	Total					88		23	23	24			\$1,307.00	LEA-109602
26	WZ-18-205	A18-11148	596929	596951	23		23	21	23				\$331.00	
		A18-12444	596952	596964	13		13	13	13	2	2		\$582.00	
		A18-12594	696965	696991	27		27	25	27				\$391.00	
	Total					63		59	63	2	2		\$1,304.00	LEA-109602
Total Samples													978	
Total Cost													\$15,914.00	
Ave. \$/sample													\$16.27	

Table 8 – Total Drilling Days & Truck Kilometer Usage

Chibougamau - Drill Dates and Chargeable Days*							
# of Holes	DDH #	Start Date	End Date	Total Days	Drill Contractor	Drill #	Chargeable Days*
1	WZ-18-171	05-Jul-18	10-Jul-18	6	Chibougamau	HC 150-21	6
2	WZ-18-171W	10-Jul-18	15-Jul-18	6	Chibougamau	HC 150-21	5
3	WZ-18-175	12-Jul-18	21-Jul-18	10	Chibougamau	HC 150-21	6
4	WZ-18-179	21-Jul-18	30-Jul-18	10	Chibougamau	HC 150-21	9
5	WZ-18-179W	29-Jul-18	09-Aug-18	12	Chibougamau	HC 150-21	10
6	WZ-18-179W2	09-Aug-18	13-Aug-18	5	Chibougamau	HC 150-21	4
7	WZ-18-179W3	13-Aug-18	20-Aug-18	8	Chibougamau	HC 150-17	7
8	WZ-18-179W4	19-Aug-18	26-Aug-18	8	Chibougamau	HC 150-17	6
9	WZ-18-188	30-Aug-18	05-Sep-18	7	Chibougamau	HC 150-19	4
						Total	57

Foraco - Drill Dates and Chargeable Days*							
# of Holes	DDH #	Start Date	End Date	Total Days	Drill Contractor	Drill #	Chargeable Days*
10	SZ-18-254	05-Jul-18	12-Jul-18	8	Foraco	19	8
11	WZ-18-190	28-Jun-18	02-Jul-18	5	Foraco	20	0
12	WZ-18-191	02-Jul-18	05-Jul-18	4	Foraco	20	0
13	WZ-18-192	06-Jun-18	12-Jun-18	7	Foraco	20	7
14	WZ-18-193	10-Jun-18	14-Jun-18	5	Foraco	20	2
15	WZ-18-194	19-Jun-18	28-Jun-18	10	Foraco	20	0
16	WZ-18-195	23-Jun-18	25-Jun-18	3	Foraco	20	0
17	WZ-18-196	14-Jun-18	18-Jun-18	5	Foraco	20	4
18	WZ-18-197	17-Jun-18	08-Jul-18	22	Foraco	12	20
19	WZ-18-198	10-Jul-18	14-Jul-18	5	Foraco	20	4
20	WZ-18-199	20-Jul-18	25-Jul-18	6	Foraco	20	5
21	WZ-18-200	06-Jul-18	10-Jul-18	5	Foraco	20	2
22	WZ-18-201	15-Jul-18	20-Jul-18	6	Foraco	20	6
23	WZ-18-202	24-Jul-18	12-Aug-18	20	Foraco	33	18
24	WZ-18-202W	12-Aug-18	19-Aug-18	8	Foraco	33	0
25	WZ-18-204	19-Aug-18	01-Sep-18	14	Foraco	33	0
26	WZ-18-205	26-Jul-18	05-Sep-18	42	Foraco	20	24
						Total	92

*Chargeable days are related to the salary and R&B cost for the Chief Exploration Geologist (supervising Chibougamau drilling) or Chief Mine Geologist (supervising Foraco drilling) including those same cost for the core logger and core cutter. Since multiple drills were used by Chibougamau and Foraco, which resulted in overlapping drilling dates, only one day was charged for the chief geologist, core logger and core cutter

Truck Km Charge
48 km from WR to Sugar Zone mine site; 96 km return trip
26 holes x 3 round trips per hole x 96 km/trip = 7,488 km

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 03rd day of June, 2020 at Thunder Bay, Ontario.

A handwritten signature in black ink, appearing to read 'DBS', with a long horizontal line extending to the right.

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, MATTHEW	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, STRICKLAND	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 – Sugar & Wolf Zones – Geological Legend

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

- OVB-Overburden
- CAS-Casing
- BX-Breccia
- FLT-Fault
- Frac-Z-Fracture Zone
- FZ-Fault Zone
- SH-Shear
- SZ-Shear Zone

- UZ-Upper Zone
- MZ-Middle Zone
- LZ-Lower Zone
- QCV-Quartz-Carbonate Vein
- QTCSW-Quartz-Carbonate Stockwork
- QTSW-Quartz Stockwork
- QV-Quartz Vein
- QZ-Quartz Zone
- QZ-STR-Quartz Stringer

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

- 0 - 0.5
- 0.6 - 1
- 1.1 - 3
- 3.1 - 5
- 5.1 - 8
- 8.1 - 12
- 12.1 - 659

Appendix C – Sugar & Wolf Zones – 2018 Drill Logs



Hole Number:	SZ-18-254
Drill Rig:	Drill 19
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					5-Jul-2018	12-Jul-2018
<u>Planned Coordinates</u>		Azimuth:	52	Drill Contractor:	Foraco Canada Ltd	
Easting	645681.9					
Northing	5407148.4	Dip:	-71	Dates Logged:	Start Date:	End Date:
Elevation(m)	410.5				6-Jul-2018	12-Jul-2018
<u>Final Pick up</u>		Depth(m):	777.00	Logger 1:	Sarah Davis	
Easting				Logger 2:		
Northing		Core Size:	NQ	Logger 3:		
Elevation(m)				Assay Lab:	Actlabs	

Casing	
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Purpose of Hole	Results	Comments	Dip Tests					
			Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
			0.0	56.3	-70.7		Planned	59.6
			18.0	56.3	-70.7	5630	6m stabiliz	63.9
			30.0	52.2	-70.8	5619	6m stabiliz	59.8
	Upper Zone		60.0	55.8	-70.3	5596	6m stabiliz	63.4
	615.05-615.28: QV: Dark smokey quartz vein with strong silicification and moderate alteration; 3% blebby pyrrhotite		90.0	55.8	-69.3	5598	6m stabiliz	63.4
	615.28-615.64: 1ALT: Moderate mottled alteration; strong sericite and carbonate		120.0	56.4	-68.2	5594	6m stabiliz	64
			150.0	56.7	-68.3	5602	6m stabiliz	64.3
			180.0	57.9	-67.3	5626	at 168m 6	65.5
			210.0	58.1	-66.9	5630	Bad Azim 78.7	
			219.0	58.2	-66.8	5607	6m standa	65.8
			240.0	58.5	-66.4	5616	6m standa	66.1
			270.0	58.6	-66.0	5607	6m standa	66.2
			300.0	57.8	-65.7	5619	6m standa	65.4
			330.0	58.8	-65.6	5608	6m standa	66.4
			360.0	57.6	-64.7	5602	at 339m 6r	65.2
			390.0	57.9	-64.4	5600	6m standa	65.5
			420.0	57.7	-63.9	5597	6m standa	65.3
			450.0	59.0	-63.8	5615	6m standa	66.6
			480.0	56.3	-63.0	5699	6m standa	63.9
			510.0	58.4	-61.8	5645	changed bi	66
			540.0	57.8	-58.6	5606	6m standa	65.4
			570.0	59.4	-58.0	5599	6m standa	67
			600.0	58.5	-57.8	5669	6m standa	66.1
			630.0	60.6	-57.0	5611	at 630 swit	68.2
			660.0	62.1	-56.5	5617	6m standa	69.7
			690.0	62.1	-56.1	5598	6m standa	69.7
			720.0	61.6	-55.5	5610	6m standa	69.2
			750.0	62.2	-53.8	5614	6m standa	69.8
			777.0	63.3	-53.4	5611	6m standard; 18" shell	

Azimuth corrected to 7.6 degrees west declination

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
SZ-18-254	0.00	0.90	0.90	CAS	Casing	
SZ-18-254	0.90	7.52	6.62	1B	Pillowed Flows	Medium green/grey; FG; mod-str fol; mod banded chl alt'd selvages; trace speckled garnets; mod banded qtz/crb/ser veinlets; mod banded bi; barren
SZ-18-254	7.52	12.26	4.74	4E	Pegmatite	White/grey/brownish; FG-VCG; zones of more granodiorite composition; zones of very CG smokey qtz and fsp; str interstitial foliation-controlled biotite and muscovite; foliation is moderate and irregular; str silicification; barren
SZ-18-254	12.26	15.00	2.74	4B	Feldspar Porphyry	Medium-dark purple/grey; FG groundmass w/ 20-25% MG mod corroded fsp phenos; mod interstitial bi; trace patchy ser; mod pervasive sil; barren
SZ-18-254	15.00	16.00	1.00	4D	Felsite	Light grey/white w/ 2% VFG blackc specks; FG; 2% irregular stringer/veinlet qtz; mod pervasive msc; w/ 0.8cm vein of MG msc/bi; barren
SZ-18-254	16.00	19.56	3.56	1B	Pillowed Flows	Medium green/grey; FG; mod-str fol; mod banded chl alt'd selvages; trace speckled garnets; mod banded qtz/crb/ser veinlets; mod banded bi; barren
SZ-18-254	19.56	22.34	2.78	4B	Feldspar Porphyry	Medium purple/grey; FG groundmass w/ 5% MG strongly corroded fsp phenos; very str interstitial bi; trace patchy ser; mod pervasive sil; strongly interbanded with 1B host; approx 75% 4B 25% 1B; barren
SZ-18-254	22.34	38.48	16.14	1B	Pillowed Flows	Medium green/grey; FG; mod-str fol; mod banded chl alt'd selvages; trace speckled garnets; mod banded qtz/crb/ser veinlets; mod banded bi; barren
SZ-18-254	38.48	40.24	1.76	4B	Feldspar Porphyry	Medium-dark purple/grey; FG groundmass w/ 20% MG mod corroded fsp phenos; str fol; mod interstitial bi; trace patchy ser; mod pervasive sil; barren
SZ-18-254	40.24	51.26	11.02	1B	Pillowed Flows	Medium green/grey; FG; mod-str fol; mod banded chl alt'd selvages; trace speckled garnets; mod banded qtz/crb/ser veinlets; mod banded bi; barren
SZ-18-254	51.26	52.40	1.14	4B	Feldspar Porphyry	Medium-dark purple/grey; FG groundmass w/ 20% MG mod corroded and elongated fsp phenos; mod-str fol; mod interstitial bi; mod pervasive sil; barren
SZ-18-254	52.40	59.40	7.00	1A	Massive Flows	Medium-dark grey/greenish; FG-MG; mod stringer crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; barren
SZ-18-254	59.40	63.21	3.81	4E	Pegmatite	White/grey/brownish/yellow; FG-VCG; zones of very CG feldspars >10cm and smokey qtz and rose qtz >5cm; str micas: 25-30% ~1cm muscovite books and speckled bi; mod crb flooding in areas; foliation is moderate and irregular and concentrates pink aplitic potassic stringers; mod silicification; barren
SZ-18-254	63.21	80.44	17.23	1B	Pillowed Flows	Medium green/grey; FG; mod-str fol; str banded chl alt'd selvages; mod speckled garnets; mod banded qtz/crb/ser veinlets; mod banded bi; barren
SZ-18-254	80.44	82.69	2.25	1A	Massive Flows	Medium-dark grey/greenish; FG-MG; mod stringer crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; barren
SZ-18-254	82.69	83.70	1.01	6E	Intermediate Dyke	Medium-dark purple/brown/grey; FG; mod fol; mod sil; mod bi; barren
SZ-18-254	83.70	94.04	10.34	1A	Massive Flows	Medium-dark grey/greenish; FG-MG; mod stringer crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; barren
SZ-18-254	94.04	94.83	0.79	3D	Iron Formation	Dark grey/purple/brown banding; FG; str banding; wispy look w/ <7% wispy stringer and massive PO and PY; str sil/chert
SZ-18-254	94.83	95.95	1.12	1A	Massive Flows	Medium brownish grey/dark beige; str sil; mod flooded bleaching; wispy and speckled w/ strongly overprinted 4B unit at top; str bi; barren
SZ-18-254	95.95	111.85	15.90	1A	Massive Flows	Medium-dark grey/greenish; FG-MG; mod stringer/interstitial and speckled crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; barren
SZ-18-254	111.85	117.32	5.47	6B	Gabbro	Medium-dark grey/greenish; CG; mod stringer/interstitial and speckled crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; local mod shearing; barren
SZ-18-254	117.32	118.70	1.38	4E	Pegmatite	White/ grey and smokey qtz; albite and qtz w/ needle/bladey bi; irregular contacts w/ strong bleaching talc and chl alt'n; fault w/ dextral offset at 117.97. Fault moves upper portion so that 6B appears as a minor with very strong bi halos on contacts; barren
SZ-18-254	118.70	128.45	9.75	6B	Gabbro	Medium-dark grey/greenish; CG; mod stringer/interstitial and speckled crb; weak trace banded bleaching; mod pervasive chl; trace banded qtz; local strong shearing; barren
SZ-18-254	128.45	147.00	18.55	1B	Pillowed Flows	Dark grey/green; FG; mod fol; mod-str banded bi; lcl <15cm cherty banding w/ 2% blebby PO; 15-20% mod-str bleached and patchy banding w/ mod-str chl/act/qtz/crb/cal +/- weak potassic alt'n; trace sulphides
SZ-18-254	147.00	149.56	2.56	6B	Gabbro	Dark grey/green/blue; MG; mod fol; trace stringer albite/crb; barren
SZ-18-254	149.56	152.74	3.18	1A	Massive Flows	Dark grey/blue; FG; weak fol; trace banded crb/alb/qtz/chl/ veinlets; 1-2% qtz veins; barren
SZ-18-254	152.74	180.97	28.23	1B	Pillowed Flows	Dark grey/green; FG; mod fol; mod-str banded bi; lcl <15cm cherty banding w/ 2% blebby PO; 15-20% mod-str bleached and patchy banding w/ mod-str chl/act/qtz/crb/cal +/- weak potassic alt'n; trace sulphides
SZ-18-254	180.97	182.65	1.68	4B	Feldspar Porphyry	Medium purple/grey; FG groundmass w/ 25% MG strongly corroded strongly elongated fsp phenos; str interstitial bi; trace patchy albite/ser; mod pervasive sil; very trace sulphides
SZ-18-254	182.65	184.54	1.89	1B	Pillowed Flows	Dark grey/green; FG; mod fol; mod-str banded bi; lcl <15cm cherty banding w/ 2% blebby PO; 60% str bleached and patchy banding w/ mod-str chl/act/qtz/crb/cal +/- weak potassic alt'n; trace sulphides

SZ-18-254	184.54	188.95	4.41	4B	Feldspar Porphyry	Dark-medium purple/grey; FG groundmass w/ 30-40% weakly corroded fsp phenos w/ weak-mod pressure haloing and weak elongation; str fol; mod banding of different compositions or generations of 4B with finer grained phenos stronger alt'd; 5% cherty(?) banding; ~1% euhedral PY/CPY; 2% longitudinal rose/smokey qtz w/ strong blebby and bladey chl
SZ-18-254	188.95	191.95	3.00	1A	Massive Flows	Dark grey/green; FG; mod fol; weak banded crb/alb/qtz/chl veinlets; mod pervasive chl; weak pervasive bi; barren
SZ-18-254	191.95	199.68	7.73	1B	Pillowed Flows	Dark grey/green; FG; mod fol; mod-str banded bi; lcl <15cm cherty banding w/ 2% blebby PO; 15-20% mod-str bleached and patchy banding w/ mod-str chl/act/qtz/crb/cal +/- weak potassic alt'n; trace sulphides
SZ-18-254	199.68	202.64	2.96	6B	Gabbro	Dark green; MG; weak fol; pervasive speckled PY ~2% through unit; trace bleached alt'n banding
SZ-18-254	202.64	205.50	2.86	1A	Massive Flows	Medium-dark green; FG; str fracturing w/ crb/qtz fill at upper contact; str pervasive chl; barren
SZ-18-254	205.50	214.08	8.58	1UT	Ultramafic Talc/Chlorite Altered	Dark-medium purple/silver to medium-light green to light green/silver/ice-blue w/ str white banding; FG; mod fol; str chl; str talc; very soft; str mag; barren
SZ-18-254	214.08	215.25	1.17	3D	Iron Formation	Dark purple/brown/grey; mod banded cherty layers; FG; str sil; trace speckled sulphides
SZ-18-254	215.25	217.76	2.51	6E	Intermediate Dyke	Dark green/grey; FG-MG; trace crb stringer; looks like 1A but contacts look like intrusive body; barren
SZ-18-254	217.76	220.56	2.80	6B	Gabbro	Dark green; MG; mod fol; 20cm pink and grey pegmatite; minor 4B; barren
SZ-18-254	220.56	223.85	3.29	1UT	Ultramafic Talc/Chlorite Altered	Medium green and blue/silver; FG; str fol; white crb/talc stringers; str chl; str talc; mod-str mag; minor alt'd pegmatite w. 7% semi-massive PO; barren
SZ-18-254	223.85	226.52	2.67	3D	Iron Formation	Strongly interbanded 3D/4B/1A/1B; Dark green/purple/grey/brown; strong banding; wispy beds; str cherty layers; lcl <5% wispy stringer PO and blebby PY; lcl pervasive MAG; mod pervasive silicification
SZ-18-254	226.52	232.12	5.60	1A	Massive Flows	Dark and light green; FG; patchy mottled light bleached stringers; barren
SZ-18-254	232.12	233.11	0.99	3D	Iron Formation	Strongly interbanded 3D/4B/1A/1B; Dark green/purple/grey/brown; strong banding; wispy beds; str cherty layers; lcl <5% wispy stringer PO and blebby PY; lcl pervasive MAG; mod pervasive silicification
SZ-18-254	233.11	237.56	4.45	1B	Pillowed Flows	Dark green/grey; FG; mod fol; mod chl alt'd selvages; trace ser/crb/banding; trace blebby PO
SZ-18-254	237.56	239.15	1.59	4B	Feldspar Porphyry	Dark purple/grey; FG groundmass; 15% MG strongly corroded fsp phenos; mod fol; mod sil; barren
SZ-18-254	239.15	251.37	12.22	1A	Massive Flows	Medium-dark green/grey; FG; weak-mod fol; trace qtz stringer; trace speckled bi; barren
SZ-18-254	251.37	252.74	1.37	4E	Pegmatite	White felsite and CG qtz/albite zoning; mod musc; trace speckled bi; barren; irregular contacts
SZ-18-254	252.74	258.63	5.89	1A	Massive Flows	Medium-dark green/grey; FG; weak-mod fol; trace qtz stringer; trace speckled bi; barren
SZ-18-254	258.63	259.74	1.11	4E	Pegmatite	White felsite and CG qtz/albite zoning; mod musc; trace speckled bi; barren; irregular contacts
SZ-18-254	259.74	312.33	52.59	1A	Massive Flows	Dark grey/green; FG; weak-mod fol; pervasive disseminated crb specks/leucoxene; w/ minor 4E units; lcl very str qtz/chl/act veins; trace stringer wispy ser/cal/crb; barren
SZ-18-254	312.33	313.23	0.90	4ALT	Altered Feldspar Porphyry	Medium-light purple/beige; FG w/ very trace remnant corroded fsp phenos; str ser; str sil; str bleaching; trace potassic alt'n; barren
SZ-18-254	313.23	322.67	9.44	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	322.67	323.01	0.34	4ALT	Altered Feldspar Porphyry	Medium purple/beige; FG w/ very trace remnant corroded fsp phenos; mod fol; upper contact is smokey qtz vein ~4cm w/ 2% blebby PY; str ser; str sil; str bleaching
SZ-18-254	323.01	323.86	0.85	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	323.86	325.23	1.37	4ALT	Altered Feldspar Porphyry	Dark purple and brown and light purple/beige; FG; str fol; str sil; str ser bleaching towards lower contact; broken faulted core; trace sulphides; w/ minor 6E
SZ-18-254	325.23	374.68	49.45	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	374.68	399.24	24.56	1A	Massive Flows	Medium-dark green/grey; FG-MG; trace bleached ser banding; trace stringer crb; trace banded qtz; barren
SZ-18-254	399.24	405.74	6.50	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	405.74	412.89	7.15	1A	Massive Flows	Medium-dark green/grey; FG-MG; trace bleached ser banding; trace stringer crb; trace banded qtz; barren
SZ-18-254	412.89	414.48	1.59	5B	Granodiorite	White w/ 5% black specks; MG; weak fol; barren
SZ-18-254	414.48	423.98	9.50	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides

SZ-18-254	423.98	428.69	4.71	1A	Massive Flows	Medium-dark green/grey; FG-MG; trace bleached ser banding; trace stringer crb; trace banded qtz; barren
SZ-18-254	428.69	437.80	9.11	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	437.80	440.97	3.17	1A	Massive Flows	Medium-dark green/grey; FG-MG; trace bleached ser banding; trace stringer crb; trace banded qtz; barren
SZ-18-254	440.97	446.49	5.52	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	446.49	455.50	9.01	1A	Massive Flows	Medium-dark green/grey; FG-MG; trace bleached ser banding; trace stringer crb; trace banded qtz; barren
SZ-18-254	455.50	456.75	1.25	6E	Intermediate Dyke	Medium-dark purple/grey; FG-MG; mod fol; mod interstitial bi; lcl potassic flooding; 3 distinct units separated by 1B and FZ; barren
SZ-18-254	456.75	463.33	6.58	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	463.33	464.07	0.74	QV	Quartz Vein	Strong alteration banding w/ 8% massive pyrrhotite; str chl banding; white massive qtz in center w/ banding above and 4B below; str ser bleaching and fracturing
SZ-18-254	464.07	473.34	9.27	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str bi banding; trace sulphides
SZ-18-254	473.34	475.00	1.66	5B	Granodiorite	White w/ 15% black specks; MG; weak fol; barren; w/ massive sugary whitish pink qtz vein; barren; contacts have thin strong chl/bi alt'n
SZ-18-254	475.00	476.77	1.77	1A	Massive Flows	Dark green/grey; FG; weak fol; weak pervasive chl; trace stringer crb; 2-3% banded qtz veins at lower contact; barren
SZ-18-254	476.77	534.30	57.53	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides; 2-5% granodiorite dyklets
SZ-18-254	534.30	536.72	2.42	1A	Massive Flows	Dark green/grey; FG; weak fol; weak pervasive chl; trace stringer crb; 2-3% banded qtz veins at lower contact; barren
SZ-18-254	536.72	571.91	35.19	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	571.91	573.00	1.09	4ALT	Altered Feldspar Porphyry	Medium purple/grey w/ mod beige hairline fractures and banding; FG; mod fol; str sil; mod ser; weak banded albite w/ bi specks; trace sulphides euhedral and blebby
SZ-18-254	573.00	573.30	0.30	QV	Quartz Vein	Sugary slightly smokey white clustered qtz vein; irregular contacts; wispy/cloudy dirty qtz; mod chl/bi/alb on contacts; trace speckled sulphides
SZ-18-254	573.30	574.40	1.10	4ALT	Altered Feldspar Porphyry	Medium purple/grey w/ mod beige hairline fractures and banding; FG; mod fol; str sil; mod ser; weak banded albite w/ bi specks; trace sulphides euhedral and blebby
SZ-18-254	574.40	577.08	2.68	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	577.08	577.84	0.76	QV	Quartz Vein	Massive whitish grey bull qtz; weakly smokey; 5-8% banded/rafted chl/alb/bi/crb; very trace PY/CPY to barren
SZ-18-254	577.84	579.05	1.21	1A	Massive Flows	Dark green/grey; FG; weak fol; weak pervasive chl; trace stringer crb; 2-3% banded qtz veins at lower contact; barren
SZ-18-254	579.05	583.30	4.25	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	583.30	591.10	7.80	1A	Massive Flows	Dark green/grey; FG; weak fol; weak pervasive chl; trace stringer crb; 2-3% banded qtz veins at lower contact; barren
SZ-18-254	591.10	593.09	1.99	5B	Granodiorite	White w/ 45% lcl black specks w/ moderate zoning; MG; weak fol; banded str albite; stringer bi/amph; barren
SZ-18-254	593.09	600.05	6.96	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	600.05	601.40	1.35	4ALT	Altered Feldspar Porphyry	Medium purple/grey w/ mod beige hairline fractures and banding; FG; mod fol; str pervasive and flooded sil; mod ser; weak banded albite w/ bi specks; trace sulphides euhedral and blebby
SZ-18-254	601.40	615.05	13.65	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	615.05	615.28	0.23	QV	Quartz Vein	Dark smokey qtz vein w/ strong silicification and stringer crb/ser/po/chl; blebby fractured and lots of alteration; 3% blebby PO
SZ-18-254	615.28	615.64	0.36	1ALT	Altered Mafic Volcanic	Dark green and light green; mottled alt'n; w/ 8cm 4ALT; str ser /crb banding; barren
SZ-18-254	615.64	616.14	0.50	QV	Quartz Vein	Massive to flooded smokey and sugary qtz; very str act/crb/chl/ser alt'n banding throughout; mod bi; str crb; qtz floods through 1ALT sections; 4-5% blebby PO; trace speckled PY/GAL; trace sph; suspect VG but not observed

SZ-18-254	616.14	617.00	0.86	4ALT	Altered Feldspar Porphyry	Medium purple/beige; FG w/ very trace remnant corroded fsp phenos; mod fol; upper contact is smokey qtz vein; str ser; str sil; mod bleaching
SZ-18-254	617.00	617.50	0.50	1ALT	Altered Mafic Volcanic	Dark green and light green; mottled alt'n including chl/crb/ser/bi; barren
SZ-18-254	617.50	619.57	2.07	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	619.57	620.14	0.57	4ALT	Altered Feldspar Porphyry	Dark purple/grey and stringer beige;; FG; str fol; str ser banding; str sil; weak banded albite; barren
SZ-18-254	620.14	621.17	1.03	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	621.17	621.88	0.71	4ALT	Altered Feldspar Porphyry	Dark purple/grey and stringer beige;; FG; str fol; str ser banding; str sil; weak banded albite; barren
SZ-18-254	621.88	627.73	5.85	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	627.73	628.10	0.37	FZ	Fault Zone	Str fragmentation; str chl/talc; sheared; FG; light green/grey; barren
SZ-18-254	628.10	631.45	3.35	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	631.45	632.33	0.88	4ALT	Altered Feldspar Porphyry	Dark purple/grey and stringer beige; FG; str fol; str ser banding; str sil; mod banded albite; barren
SZ-18-254	632.33	643.44	11.11	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	643.44	645.19	1.75	4ALT	Altered Feldspar Porphyry	Dark purple/grey and stringer beige; FG; str fol; str ser banding; str sil; weak banded albite; barren; w/ minor 7A
SZ-18-254	645.19	651.03	5.84	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides; w/ minor 4B
SZ-18-254	651.03	652.77	1.74	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod-str banding/fol; upper contact has str crb vein; weak albite veining; mod sil; lcl 5% qtz veins; minor 1B; trace sulphides
SZ-18-254	652.77	654.09	1.32	QV	Quartz Vein	7 Specks VG; Whitish purple/grey smokey qtz; banded; FG; weak-mod crack seal texture; str stringer/rafted sphalerite and bi; zone of str alt'n with diopside/ser/chl/epi; str banding; 2-4% blebby PO; 4-8% stringer SPH; trace blebby MLY and GAL
SZ-18-254	654.09	654.68	0.59	1ALT	Altered Mafic Volcanic	Dark grey/brown/green/light green/white; FG; str fol; str banding; str bi/chl; trace banded epi; barren
SZ-18-254	654.68	655.25	0.57	4B	Feldspar Porphyry	Light purple/beige/white/grey; FG w/ 30% strongly corroded fsp phenos; str sil pervasive and flooded veins; str ser alt'n along hairline fractures; 1-2% PO
SZ-18-254	655.25	694.00	38.75	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides; w/ minor 4B and 5B
SZ-18-254	694.00	696.23	2.23	4ALT	Altered Feldspar Porphyry	Medium purple/grey and beige; FG; str fol; mod albite banding; mod interstitial bi; weak-mod ser; str sil; trace hairline fractures; barren
SZ-18-254	696.23	697.70	1.47	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	697.70	698.65	0.95	4ALT	Altered Feldspar Porphyry	Medium purple/grey and beige; FG; str fol; mod albite banding; mod interstitial bi; str ser flooding and banding; str sil; mod banded micas; trace hairline fractures; 3-7% qtz veins w/ trace blebby sulphides
SZ-18-254	698.65	702.39	3.74	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	702.39	706.49	4.10	1A	Massive Flows	Dark green/grey; FG; weak-mod fol; weak interstitial bi; weak chl; weak stringer crb; barren
SZ-18-254	706.49	713.50	7.01	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	713.50	714.58	1.08	1A	Massive Flows	Dark green/grey; FG; weak-mod fol; mod interstitial bi; weak chl; weak stringer crb; barren
SZ-18-254	714.58	715.98	1.40	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	715.98	717.10	1.12	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 40% fsp phenos and banding; mod ser; mod sil; barren
SZ-18-254	717.10	718.64	1.54	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	718.64	719.38	0.74	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 40% fsp phenos and banding; mod ser; mod sil; barren
SZ-18-254	719.38	720.91	1.53	5B	Granodiorite	White and grey; cloudy and patchy; zones of VFG lighter fsp only w/ zones of patchy/coudy chl/amph/sil alt'n; momd musc; MG; barren

SZ-18-254	720.91	722.95	2.04	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 40% fsp phenos and banding; mod ser; mod sil; barren
SZ-18-254	722.95	727.70	4.75	SH	Shear	Dark green and light green/beige/brown/white; FG; str fol; mod shear; bleached zone of light green and brown banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	727.70	729.05	1.35	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 40% fsp phenos and banding; mod ser; mod sil; barren; broken ground core
SZ-18-254	729.05	733.02	3.97	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	733.02	735.40	2.38	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 40% fsp phenos and banding; mod ser; mod sil; barren
SZ-18-254	735.40	738.81	3.41	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	738.81	741.83	3.02	1ALT	Altered Mafic Volcanic	Dark green; FG; str fol; str alt'n banding; weak mottled alt'n; str banded qtz <10%; trace blebby PO
SZ-18-254	741.83	747.75	5.92	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	747.75	748.88	1.13	4B	Feldspar Porphyry	Medium-dark purple grey; str albite banding; str fol; FG gmass w/ 30% fsp phenos and banding; mod ser; mod sil; barren
SZ-18-254	748.88	751.96	3.08	1B	Pillowed Flows	Dark green and light green/beige and white; FG; mod fol; 10-15% bleached banding; str act/ser/crb banding; mod chl alt'd selvages; str lcl bi banding; trace sulphides
SZ-18-254	751.96	754.73	2.77	1ALT	Altered Mafic Volcanic	Dark green; FG; str fol; str alt'n banding; weak mottled alt'n; str banded qtz <10%; trace blebby PO
SZ-18-254	754.73	770.04	15.31	1A	Massive Flows	Dark green/grey; FG-MG; weak fol; mod interstitial bi; weak chl; weak stringer crb; 2% qtz veins; trace sulphides
SZ-18-254	770.04	777.00	6.96	1A	Massive Flows	Amygdaloidal
SZ-18-254	777.00				EOH	

SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	739.81	740.36	0.55	597899	0.59	590		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Blank				597900	0.0025	< 5		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	740.36	741.00	0.64	597901	0.034	34		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	741.00	741.83	0.83	597902	0.027	27		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	741.83	742.83	1.00	597903	0.006	6		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	742.83	743.83	1.00	597904	0.0025	< 5		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	743.83	744.75	0.92	597905	0.0025	< 5		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	744.75	745.05	0.30	597906	0.008	8		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	745.05	746.05	1.00	597907	0.005	5		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	750.96	751.96	1.00	597908	0.012	12		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	751.96	752.96	1.00	597909	0.03	30		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	OREAS 215				597910	3.44	3440		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	752.96	753.26	0.30	597911	0.582	582		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	753.26	754.00	0.74	597912	0.027	27		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	754.00	754.73	0.73	597913	0.009	9		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	754.73	755.71	0.98	597914	0.0025	< 5		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	767.89	768.89	1.00	597915	2.39	2390		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	768.89	769.23	0.34	597916	2.27	2270		
SZ-18-254	Sugar Zone	Actlabs	A18-09981	27-Jul-18	31-Aug-18	Assay	769.23	770.23	1.00	597917	0.037	37		



Hole Number:	WZ-18-171
Drill Rig:	HC-150-21
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					Jul-05-2018	9-Jul-2018
<u>Planned Coordinates</u>		Azimuth:	55	Drill Contractor:	Forages Chibougamau Ltée	
Easting	644713	Dip:	-52	Dates Logged:	Start Date:	End Date:
Northing	5408407				Jul-06-2018	10-Jul-2018
Elevation(m)	410					
<u>Final Pick up</u>		Depth(m):	369.00	Logger 1:	Andrew Wehrfritz	
Easting		Core Size:	NQ	Logger 2:	Jordan Keir-Sage	
Northing				Logger 3:		
Elevation(m)				Assay Lab:	Actlabs	

Casing		Dip Tests					
Purpose of Hole	Further exploration of wolf zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Hole needed to be wedged at bottom of hole	21.0	55.9	-52.2	56695		63.5
		51.0	54.3	-51.6	56152		61.9
		81.0	55.6	-51.2	56097		63.2
		111.0	55.0	-50.9	56099		62.6
		141.0	54.3	-50.4	55702		61.9
		171.0	59.9	-50.0	55795		67.5
		201.0	57.1	-49.8	56294		64.7
		231.0	56.6	-49.2	55973		64.2
Comments	Andrew Logged up until 72.5m	261.0	56.9	-48.5	55966		64.5
		291.0	57.5	-47.6	55950		65.1
		321.0	57.0	-46.7	55608		64.6
		351.0	63.9	-44.9	56862		71.5
			-7.6				
			-7.6				
			-7.6				
Azimuth corrected to 7.6 degrees west declination			-7.6				
			-7.6				
			-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-171	0	4.05	4.05	CAS	Casing	Casing
WZ-18-171	4.05	11	6.95	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10-15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite and quartz stringers, wisps sporadically throughout. Moderate to high foliation.
WZ-18-171	11	15	4	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor to moderate amounts of silica. Occasional light green alteration halos around healed fractures. Intermittent quartz stringers.
WZ-18-171	15	16.31	1.31	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite and quartz stringers, wisps sporadically throughout. Moderate to high foliation.
WZ-18-171	16.31	21.88	5.57	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor to moderate amounts of silica. Occasional light green alteration halos around healed fractures. Intermittent quartz stringers.
WZ-18-171	21.88	48.6	26.72	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate to high foliation. Increased frequency of fracturing (10+) from 27.3 to 28m. Wide fault gauge at 36m.
WZ-18-171	48.6	67.62	19.02	6B	Gabbro	fg to cg, grey to dark green unit, composed almost entirely of fg to cg mafics (amph/pyx) with fg biotite interstitially. Weak to moderate foliation. Intermittent calcite and quartz wisp. Some sections appear like potential massive flows.
WZ-18-171	67.62	103.52	35.9	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate to high foliation. Brecciated texture at the top 30 cm of the unit.
WZ-18-171	103.52	116.73	13.21	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite. Gradational contact
WZ-18-171	116.73	121.15	4.42	1B	Pillowed Flows	green grey, fine grained pillowed unit, 1% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	121.15	123.27	2.12	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	123.27	125.59	2.32	1B	Pillowed Flows	green grey, fine grained pillowed unit, 1% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	125.59	132.76	7.17	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	132.76	149.5	16.74	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite. Gradational contact
WZ-18-171	149.5	160.32	10.82	1UT	Ultramafic Talc/Chlorite Altered	Very fine grained green grey ultramafic, no foliation, magnetic, core is soft and blocky (possible faulting, gouged material), pervasive chlorite with talc filled fractures
WZ-18-171	160.32	161.42	1.1	3D	Iron Formation	Banded, lots of silica, bands of Po/Py, fine grained, dark to light grey, multiple sulphide blebs and stringers, 3-5% total, moderate biotite alteration, minor chi and ser alteration,
WZ-18-171	161.42	167	5.58	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite. Blocky rock Gradational contact
WZ-18-171	167	175.46	8.46	1UT	Ultramafic Talc/Chlorite Altered	Very fine grained green grey ultramafic, no foliation, magnetic, core is soft and blocky (possible faulting, gouged material), pervasive chlorite with talc filled fractures
WZ-18-171	175.46	180.12	4.66	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite. Blocky rock Gradational contact
WZ-18-171	180.12	200.97	20.85	7A	Diabase	glomerophytic quartz/albite with sericite alt, fg-mg, massive, very weak foliation occasionally visible(?), few carb stringers
WZ-18-171	200.97	218.69	17.72	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	218.69	220.36	1.67	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	220.36	235.34	14.98	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact

WZ-18-171	235.34	238.55	3.21	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated. pervasive biotite, possible small secondary feldspar porphyry that has similar characteristics, however the phenos are entirely corroded and stretched sharp contact
WZ-18-171	238.55	258.61	20.06	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	258.61	261.83	3.22	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite, some fracture controlled KSPAR alterations sharp contact
WZ-18-171	261.83	272.98	11.15	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	272.98	276.67	3.69	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	276.67	278.68	2.01	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite. Gradational contact
WZ-18-171	278.68	279.73	1.05	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	279.73	284.59	4.86	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	284.59	293.53	8.94	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	293.53	302.15	8.62	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, sharp lower contact
WZ-18-171	302.15	305.42	3.27	4B	Feldspar Porphyry	Purplish grey, fine to medium grained feldspar porphyry, 10% feldspar phenos what are slightly stretched and elongated., pervasive biotite sharp contact
WZ-18-171	305.42	314.48	9.06	1B	Pillowed Flows	green grey, fine grained pillowed unit, 4% wispy qtz carb stringers, selvages contain patchy chlorite and epidote alteration, very weak biotite patchy/banded alteration, small section of unit is slightly altered (could be iron formation), contains 3-4% PY/PO, sharp lower contact
WZ-18-171	314.48	317.23	2.75	6E	Intermediate Dyke	(Could be a mafic tuff) very fine grained, brown greenish unit with
WZ-18-171	317.23	369	51.77	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1-2% qtz carb stringers, very weak patchy biotite bands of garnets. Gradational contact

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
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	311.25	312.25	1	386868	0.0025	< 5		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	312.25	312.59	0.34	386869	0.0025	< 5		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	OREAS 216			0	386870	6.52	6520		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	312.59	313.2	0.61	386871	0.006	6		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	313.2	314	0.8	386872	0.006	6		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	314	314.48	0.48	386873	0.0025	< 5		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	314.48	315.48	1	386874	0.0025	< 5		
WZ-18-171	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	315.48	316.48	1	386875	0.0025	< 5		



		Hole Number:		WZ-18-171W							
		Drill Rig:		HC-150-21							
		Claim Number:									
Location		Drill Hole Orientation		Dates Drilled:		Start Date:		End Date:			
Surface						10-Jul-2018		15-Jul-2018			
<u>Planned Coordinates</u>		Azimuth: 55 Dip: -52		Drill Contractor:		Forages Chibougamau Ltée					
Easting	644713			Depth(m): 654.00 Core Size: HQ		Dates Logged:		Start Date:		End Date:	
Northing	5408407							11-Jul-2018		15-Jul-2018	
Elevation(m)	410			Logger 1:		Jordan Keir-Sage					
<u>Final Pick up</u>				Logger 2:							
Easting				Logger 3:							
Northing				Assay Lab:		Actlabs					
Elevation(m)											
Casing											
Purpose of Hole	Further exploration of the Wolf Zone	Dip Tests									
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.				
Results	Zone intersected at 575.83 - 577.83, The altered mafics are intruded by a granodiorite unit which appears to cut off the ore.	21.0	55.9	-52.2	56695		63.5				
		51.0	54.3	-51.6	56152		61.9				
		81.0	55.6	-51.2	56097		63.2				
		111.0	55.0	-50.9	56099		62.6				
		141.0	54.3	-50.4	55702		61.9				
		171.0	59.9	-50.0	55795		67.5				
		201.0	57.1	-49.8	56294		64.7				
		231.0	56.6	-49.2	55973		64.2				
		261.0	56.9	-48.5	55966		64.5				
		Comments		291.0	57.5	-47.6	55950		65.1		
321.0	57.0			-46.7	55608		64.6				
351.0	63.9			-44.9	56862		71.5				
378.0	58.5			-40.4	56008		66.1				
408.0	58.9			-38.7	55520		66.5				
438.0	60.6			-37.5	55903		68.2				
468.0	58.8			-36.1	56274		66.4				
498.0	60.3			-34.9	55609		67.9				
528.0	60.7			-34.3	55754		68.3				
558.0	60.6			-33.7	55678		68.2				
Azimuth corrected to 7.6 degrees west declination		588.0	61.7	-33.5	55599		69.3				
		618.0	62.3	-32.9	56030		69.9				
		648.0	61.8	-32.5	56126		69.4				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-171W	358	425.56	67.56	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1% qtz carb stringers, very weak patchy biotite bands of garnets. Gradational contact
WZ-18-171W	425.56	433.3	7.74	6B	Gabbro	Grey green, fine to Coarse grained Gabbro moderate foliation, needly amphibole with 1% qtz carb stringers, Gradational contact
WZ-18-171W	433.3	439.81	6.51	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets, some boundinaging of the qtz veins, gradational contact
WZ-18-171W	439.81	453.95	14.14	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1% qtz carb stringers, very weak patchy biotite bands of garnets. Gradational contact
WZ-18-171W	453.95	495.63	41.68	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets, gradational contact
WZ-18-171W	495.63	504.46	8.83	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1% qtz carb stringers, very weak patchy biotite bands of garnets. sharp contact
WZ-18-171W	504.46	505.92	1.46	5B	Granodiorite	Grey white, fine to medium grained Granodiorite, speckled biotite, sharp lower contact
WZ-18-171W	505.92	527.18	21.26	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets, gradational contact
WZ-18-171W	527.18	543.48	16.3	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1% qtz carb stringers, very weak patchy biotite bands of garnets. Gradational contact
WZ-18-171W	543.48	546.42	2.94	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets, sharp contact
WZ-18-171W	546.42	557.16	10.74	5B	Granodiorite	Grey white, fine to medium grained Granodiorite, speckled biotite, sharp lower contact
WZ-18-171W	557.16	561.22	4.06	1A	Massive Flows	Grey green, fine to medium grained massive mafic unit, moderate foliation, needly amphibole with 1% qtz carb stringers, very weak patchy biotite bands of garnets. Gradational contact
WZ-18-171W	561.22	575.83	14.61	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets,
WZ-18-171W	575.83	577.83	2	1ALT	Altered Mafic Volcanic	Grey green, brownish, banded fine grained alter mafic Volcanics, bands of biotite, chlorite, some sericite, strongly foliation/shearing. 3-4% PY/PO, trace sphalerite?
WZ-18-171W	577.83	592.04	14.21	5B	Granodiorite	Grey white, fine to medium grained Granodiorite, speckled biotite, very weak Kspar alteration (pervasive) sharp lower contact
WZ-18-171W	592.04	600.22	8.18	6B	Gabbro	Grey green, fine to Coarse grained Gabbro moderate foliation, needly amphibole with 1% qtz carb stringers, Gradational contact
WZ-18-171W	600.22	612.61	12.39	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets,
WZ-18-171W	612.61	620.5	7.89	6B	Gabbro	Grey green, fine to Coarse grained Gabbro moderate foliation, needly amphibole with 1% qtz carb stringers, Gradational contact
WZ-18-171W	620.5	654	33.5	1B	Pillowed Flows	Grey green, fine grained pillowed mafic flow, weak foliation, very weak biotite patchy biotite, pervasive chlorite, 1% qtz carb stringers, bands of garnets, this unit is occasional broken up with granodiorites and minor gabbros. These intrusion have irregular contacts

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
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	573.83	574.83	1	386876	0.005	5		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	574.83	575.83	1	386877	0.012	12		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	575.83	576.83	1	386878	0.01	10		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	576.83	577.83	1	386879	0.071	71		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Blank			0	386880	0.0025	< 5		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	577.83	578.83	1	386881	0.0025	< 5		
WZ-18-171W	Wolf Zone	Actlabs	A18-09371	19-Jul-18	07-Aug-18	Assay	578.83	579.83	1	386882	0.0025	< 5		



Hole Number:

WZ-18-175

Drill Rig:

HC-150-21

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					12-Jul-2018	21-Jul-2018	
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée		
Easting	644866						
Northing	5408546	Dip:	-77	Dates Logged:	Start Date:	End Date:	
Elevation(m)	407.67				13-Jul-2018	21-Jul-2018	
<u>Final Pick up</u>		Depth(m):	598.50	Logger 1:	Kayla Soini		
Easting				Logger 2:			
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)				Assay Lab:	Actlabs		
Casing		Cemented					
Purpose of Hole	To explore the Wolf Zone.	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		24	55.2	-76.7	56569		62.8
Results		54	57.1	-76.6	56176		64.7
		84	54.7	-74.6	56256		62.3
		114	54.7	-74.2	56365		62.3
		144	52.7	-73.7	56252		60.3
		174	61.7	-73	56668		69.3
		204	54.4	-72.5	56196		62
		234	54.4	-72	55848		62
Comments		264	53.4	-71.3	55872		61
		294	53.6	-69.2	56028		61.2
		324	53.7	-67.5	55484		61.3
		354	51.9	-65.2	55847		59.5
		384	53.2	-64.5	56054		60.8
		414	53.1	-63.3	55887		60.7
		444	52.6	-61.3	55808		60.2
Azimuth corrected to 7.6 degrees west declination		474	52.5	-60.7	56115		60.1
		504	53.0	-60.1	56031		60.6
		534	52.2	-59.4	55848		59.8
		564	53.6	-57.9	56108		61.2
		594	53.6	-57.5	57018		61.2

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-175	0	8.69	8.69	CAS	Casing	white; massive; str fractured; interstitial biotite; granodiorite
WZ-18-175	8.69	12.88	4.19	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm subangular plg phenocrysts; weak to moderate foliation; bands of qtz with interstitial biotite throughout; plg phenocrysts become more angular and coarse-grained near end of unit; 1-2% diss and euhedral PY throughout; no concentration of sulphides within unit
WZ-18-175	12.88	21.89	9.01	1A	Massive Flows	dark grey; fine-grained; massive; moderate to strong foliation; minor qtz-alb bands with patchy epidote alteration; chl alt; interstitial biotite; speckled carb bleaching; minor diss PY throughout; no concentration of sulphides within unit
WZ-18-175	21.89	28.00	6.11	1B	Pillowed Flows	light to medium grey; fine-grained; moderate foliation; intense carb wispy bands with minor qtz bands; trace diss PY throughout; no concentration of sulphides within unit
WZ-18-175	28.00	34.57	6.57	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm plg phenocrysts; moderate to strong foliation; bands of qtz; qtz bands; minor chl altered plg; 1-2% euhedral PY throughout unit; no concentration of sulphides within unit
WZ-18-175	34.57	44.33	9.76	1B	Pillowed Flows	light to medium grey; fine-grained; moderate foliation; intense carb wispy bands with minor qtz bands; chl-biotite-carb alteration; chl and biotite alt selvages; minor diss PY throughout unit; no concentration of sulphides within unit
WZ-18-175	44.33	51.24	6.91	1A	Massive Flows	dark grey; fine-grained; massive; moderate to strong foliation; minor qtz-carb stringers; chl alteration; interstitial biotite; trace sulphides throughout unit; no concentration of sulphides within unit
WZ-18-175	51.24	60.22	8.98	1B	Pillowed Flows	light to medium grey; fine-grained; moderate foliation; intense carb wispy bands with minor qtz abnds; chl-ser-carb alteration; chl and biotite alt selvages; intersital and bands of biotite; trace diss PY throughout unit; no concentration of sulphides within unit
WZ-18-175	60.22	69.50	9.28	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm subangular plg phenocrysts; moderate to strong foliation near the end of the unit with alignment of biotite xtls to foliation plane; qtz-alb banding with interstitial biotite; chl-carb-ser-biotite alteration; biotite alt giving the unit a purple hue; shallow qtz 28cm vein; 29cm 1B inclusion at end of unit; trace to minor sulphides throughout unit; no concentration of sulphides within unit
WZ-18-175	69.50	100.00	30.5	6B	Gabbro	medium grey/white; fine-grained at top of unit gradually coarsening to medium-grained near the end of the unit; moderate foliation near the top of the unit with weak foliation at the end; moderately magnetic; interstitial biotite; chl-carb-ser-epi-hem alteration; felsic-qtz-alb-carb banding; top of unit (5m) has ~1% euhedral PY; 1-2% diss PY throughout rest of unit; magnetic may be due to magnetite(?) or Po(?)
WZ-18-175	100.00	101.19	1.19	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm subangular plg phenocrysts; moderate foliation; interstitial biotite; biotite alt giving the unit a purple hue; barren
WZ-18-175	101.19	111.46	10.27	1A	Massive Flows	green/dark grey; fine-grained; massive; moderate foliation; chl-ser alteration; interstitial biotite; wispy/speckled/banded carb throughout unit; 50cm fault at 107m; trace sulphides; unit could be pillows or debris flow
WZ-18-175	111.46	113.00	1.54	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm subangular plg phenocrysts; moderate foliation; alignment of biotite crystals parallel to foliation; pervasive carb alteration and chl replacing pyroxene crystals; interstitial biotite; ~1% euhedral and elongated PY throughout unit; no concentration of sulphides within unit
WZ-18-175	113.00	114.26	1.26	1A	Massive Flows	green/dark grey; fine-grained; massive; moderate foliation; chl-ser alt; interstitial and bands of biotite; speckled/banded carb bleaching; trace sulphides throughout unit; throughout unit; no concentration of sulphides within unit
WZ-18-175	114.26	117.40	3.14	4B	Feldspar Porphyry	light grey; fine-grained matrix with ~0.5cm subangular plg phenocrysts; coarsening to medium-grained near end of unit; moderate foliation; moderately magnetic; alignment of biotite crystals parallel to foliation; pervasive carb alteration; 1% diss PY; 1% diss PO throughout unit; no concentration of sulphides within unit
WZ-18-175	117.40	125.04	7.64	1B	Pillowed Flows	green/white/grey; fine-grained; moderate to strong foliation; intense biotite-carb-ser-chl-epi banded alteration; chl and biotite alteration selvages; highly magnetic near biotite banding; 1-2% euhedral/diss PY; 1% diss PO throughout unit; no concentration of sulphides within unit
WZ-18-175	125.04	130.14	5.1	1A	Massive Flows	dark grey; fine-grained; massive; weak to moderate foliation; minor qtz-carb-alb stringers; chl-epi alteration; moderately magnetic may be due to Po or Mag present; 3-5% blebs and stringers PY; 3% diss PO throughout unit; no concentration of sulphides within unit
WZ-18-175	130.14	147.00	16.86	6B	Gabbro	medium grey; fine-grained to medium-grained; moderate to strong foliation; interstitial biotite; chl-carb-ser alteration; chl altering px xtls; qtz-carb stringers; trace diss py throughout unit; no concentration of sulphides within unit; non-magnetic

WZ-18-175	147.00	150.81	3.81	1A	Massive Flows	medium grey; massive; fine-grained; moderate foliation; chl-carb alteration; qtz-carb veinlets/stringers; stringers may be pillows (1B?); moderate to strongly magnetic; minor biotite banding; 3% diss and stringers Py; 2% blebs and stringers Po throughout unit; no concentration of sulphides within unit
WZ-18-175	150.81	272.77	121.96	6B	Gabbro	medium grey/white/green; massive; medium-grained to coarse-grained; moderate to strong foliation; intense carb speckled bleaching; interstitial biotite; chl-ser-carb-biotite alteration; chl replacing pyroxene crystals; epidote flooding alteration at 204.74m-204.86m with ~0.5cm euhedral pyrite; qtz-carb veinlets throughout unit; minor to 1% py locally
WZ-18-175	272.77	286.73	13.96	1A	Massive Flows	medium grey/white/green; massive; fine-grained; moderate foliation; chl-carb-ser-biotite alteration; wispy bands and stringers of carb bleaching; qtz-carb vein displaying s-fold at ~ 274m; biotite-qtz-alb banding; trace sulphides; no concentration of sulphides within unit
WZ-18-175	286.73	288.22	1.49	4B	Feldspar Porphyry	light grey/purple; massive; medium-grained; strong foliation; plg phenocrysts elongated due to strong foliation; qtz-plg bands throughout unit; purple hue due to biotite alteration(?); minor diss Py throughout unit; minor gal in stringers/bands; no concentration of sulphides within unit
WZ-18-175	288.22	304.51	16.29	6B	Gabbro	medium grey; fine-grained to medium-grained; moderate foliation; chl-carb-ser alteration; wispy and speckled carb bleaching; stringer and bands of biotite; very weak to weakly magnetic; trace sulphides; no concentration of sulphides within unit
WZ-18-175	304.51	309.34	4.83	1A	Massive Flows	medium grey; massive; fine-grained; weak foliation; chl-carb-ser alteration; interstitial and bands of biotite; minor diss and blebbly Py throughout unit; speckled garnet in bands of biotite; no concentration of sulphides within unit
WZ-18-175	309.34	330.51	21.17	1B	Pillowed Flows	medium grey/green; fine-grained; moderate to strong foliation; moderate qtz-carb stockwork throughout; wispy veinlets plg with epi alt; chl and biotite altered selvages; 3-5% speckled garnet in bands of biotite throughout the unit; carb amygdulites at 316.16m; highly magnetic near garnets; possible fault at 323.64m-323.76m; 1% blebs/diss Py throughout unit; 2% Po stringers associated with the biotite bands; no concentration of sulphides within unit
WZ-18-175	330.51	333.27	2.76	5B	Granodiorite	light grey; massive; medium-grained; moderate foliation; elongated plg xtls; interstitial and bands of biotite; 1% diss py throughout unit; no concentration of sulphides within unit
WZ-18-175	333.27	405.76	72.49	1B	Pillowed Flows	medium grey/green; fine-grained to medium-grained; moderate to strong foliation; interstitial and bands biotite; chl-carb-ser alt; chl and biotite alt selvages; wispy veinlets of carb bleaching; epi alt plg patches; speckled garnet; magnetic near garnets; 45cm flat qtz-carb vein running parallel to core at 334.17m; deformed qtz-carb vein with chl fracture-controlled alteration at 340m ~ 38cm long runs parallel to core; from 341.72m-341.86m 2-3% blebs Po that is highly magnetic; speckled garnet and blebs of Po where there are chl altered selvages throughout the unit; 1% diss Py throughout unit
WZ-18-175	405.76	414.10	8.34	5B	Granodiorite	light grey; massive; medium-grained; moderate foliation; interstitial biotite throughout the unit with xtls elongated parallel to foliation; 2% blebs hematite from 406.30m-406.52m; no concentration of sulphides within unit
WZ-18-175	414.1	425.14	11.04	1A	Massive Flows	medium to dark grey/green; massive; fine-grained; weak foliation; carb and biotite stringers; chl-ser-carb alteration; interstitial biotite; barren
WZ-18-175	425.14	427.1	1.96	1B	Pillowed Flows	light to medium grey/green; fine-grained to medium-grained; moderate to strong foliation; 0.5-1cm anhedral garnets associated with the bands of biotite; chl-ser-carb alt; minor diss Py throughout unit
WZ-18-175	427.10	435.48	8.38	1A	Massive Flows	medium grey; massive; fine-grained; weak to moderate foliation; wisps of carb; chl-carb alteration; interstitial biotite; 3% blebs of Po from 430.08-430.14m; moderately magnetic throughout;
WZ-18-175	435.48	447.12	11.64	1B	Pillowed Flows	light to medium grey/green; fine-grained to medium-grained; interstitial and banded biotite; moderate foliation; cal or carb(?) amygdolites throughout the top of the unit; 2% blebs of Po with 2% speckled garnet from 435.48-436.13m with chl-carb-cal-ser alteration with patchy epidote alteration at the end the unit ~446.60m; speckled garnet is also found where there are chl altered selvages;
WZ-18-175	447.12	456.68	9.56	5B	Granodiorite	light grey; massive; medium-grained to coarse-grained; weak foliation at the top of the unit with an increase to moderate foliation near the end of the unit; coarse-grained interstitial biotite with alignment of crystals parallel to foliation; alteration consists of pervasive sericite and silicification, weak epidote flooding, and weak patchy calcite; 3-5% blebbly Py from 451.90-452.00m with 1-3% euhedral Py locally;
WZ-18-175	456.68	457.86	1.18	1A	Massive Flows	medium to dark grey/green; massive; fine-grained; weak foliation; strong pervasive sericite with weak patches of epidote alteration; minor to 1% disseminated Py; minor blebs of sphalerite
WZ-18-175	457.86	459.73	1.87	4B	Feldspar Porphyry	light grey/purple; fine-grained matrix with ~0.5cm subangular plg phenocrysts; moderate pervasive silicification with moderate fracture-filling sericite alteration; minor to 1% blebs of sphalerite; minor to 1% euhedral Py

WZ-18-175	459.73	468.54	8.81	1A	Massive Flows	medium to dark grey/green; massive; fine-grained; weak foliation; top of unit has inclusion of 4B rock; strong pervasive sericite with weak patches of epidote alteration; minor to 1% disseminated Py;
WZ-18-175	468.54	471.37	2.83	5B	Granodiorite	light grey; massive; medium-grained; weak foliation; coarse-grained interstitial biotite with alignment of crystals parallel to foliation; moderate pervasive sericite and silicification alteration; minor to 1% disseminated Py
WZ-18-175	471.37	486.87	15.5	1B	Pillowed Flows	light to medium grey/green; fine-grained to medium-grained; moderate foliation; 0.5% qtz-carb veinlets throughout; alteration consists of pervasive chlorite throughout the unit, bands and stringers of sericite and biotite; minor to 1% disseminated Py; minor to 1% disseminated and stringers of Po
WZ-18-175	486.87	514.9	28.03	5B	Granodiorite	light grey; massive; medium-grained; weak foliation; coarse-grained interstitial biotite with alignment of crystals parallel to foliation; moderate pervasive sericite and silicification alteration; minor to 1% disseminated Py; minor to 1% disseminated Po; highly magnetic in the middle of the unit, possible due to disseminated magnetite or Po(?)
WZ-18-175	514.90	528.51	13.61	1B	Pillowed Flows	light to medium grey/green; fine-grained to medium-grained; moderate foliation; 0.5% qtz-carb veinlets throughout; alteration consists of moderate pervasive chlorite throughout the unit, bands and stringers of sericite and biotite; minor to 1% disseminated Py; minor to 1% disseminated and stringers of Po; very weak and gradational lower contact
WZ-18-175	528.51	529.93	1.42	1ALT	Altered Mafic Volcanic	dark grey/purple/green; fine-grained to medium-grained; very strongly foliated at 45tca giving the unit a laminated/banded texture; non-magnetic; moderate to strong bands of chlorite, biotite and carbonate alteration with strong pervasive silicification throughout the unit; 1-2mm qtz-carb veinlets/bands at 45tca dispersed throughout; 1-2% blebs of Py ranging from 2-6mm in size; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; weak and gradational lower contact;
WZ-18-175	529.93	530.68	0.75	4ALT	Altered Feldspar Porphyry	medium grey/purple; fine-grained to medium-grained; first 23cm of the unit is weakly foliated with an increase to strong foliation 50tca for the rest of the unit; moderate to strong bands of biotite, carboante and sericite alteration with moderate pervasive silicification throughout the unit; non-magnetic; 1-2% disseminated Py; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; moderately sharp lower contact;
WZ-18-175	530.68	531.52	0.84	1ALT	Altered Mafic Volcanic	dark grey/purple/green; fine-grained to medium-grained; very strongly foliated at 50tca giving the unit a laminated/banded texture; non-magnetic; moderate to strong bands of chlorite, biotite and carbonate alteration with strong pervasively silicification throughout the unit; 1-2mm qtz-carb veinlets/bands at 45tca dispersed throughout; 1-2% blebs of Py ranging from 2-6mm in size; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; moderately sharp lower contact at 45tca
WZ-18-175	531.52	532.28	0.76	4ALT	Altered Feldspar Porphyry	medium grey/purple; fine-grained to medium-grained; strong foliation 50tca for the rest of the unit; moderate to strong bands of biotite, carboante and sericite alteration with moderate pervasive silicification throughout the unit; non-magnetic; 1-2% disseminated Py; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; weak sharp lower contact
WZ-18-175	532.28	532.93	0.65	QV	Quartz Vein	smokey grey/purple; medium-grained to coarse-grained; the first 18cm the unit displays a massive texture graduating into weakly foliation near the end of the vein; weak patches of epidote, weak bands of biotite, carbonate, sericite with strong pervasive silicification throughout; top of the vein contains 3% 2-6cm angular blebs of Po (very weakly magnetic) graduating into disseminated Po; 1-2% 5mm-1cm angular blebs of Py with disseminated Py throughout the vein;
WZ-18-175	532.93	535.93	3	4ALT	Altered Feldspar Porphyry	medium grey/purple; fine-grained to medium-grained; top of unit displays moderate to strong foliation 45tca with weak foliated sections in the middle of the unit giving it more of a porphyritic texture; moderate to strong bands of biotite (interstitial as well), carboante and sericite alteration with moderate pervasive silicification throughout the unit; bottom of the unit from 536.27-536.39m is a band of 1ALT with strong bands of chlorite and sericite alteration, contains no sulphides; unit is non-magnetic; 1% disseminated Py and 1% disseminated Sph; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; moderate sharp lower contact

WZ-18-175	535.93	536.7	0.77	1ALT	Altered Mafic Volcanic	dark grey/purple/green; fine-grained to medium-grained; very strongly foliated at 45tca giving the unit a laminated/banded texture; non-magnetic; moderate to strong bands of chlorite, biotite and carbonate alteration with strong pervasively silicification throughout the unit; 1-2mm qtz-carb veinlets/bands at 45tca dispersed throughout; 3% blebs of Py/Po ranging from 2-4mm in size; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; moderately sharp lower contact at 45tca
WZ-18-175	536.7	537.11	0.41	QV	Quartz Vein	smokey grey/green; medium-grained to coarse-grained; overall the unit is massive with weak foliation at 55tca; moderate bands of chlorite and carbonate alteration, moderate fracture-controlled sericite alteration with strong pervasive silicification; moderately magnetic; single 2mm band of 2% Po with 1% disseminated Py throughout; sharp lower contact
WZ-18-175	537.11	540.38	3.27	1ALT	Altered Mafic Volcanic	dark grey/purple/green; medium-grained; very strongly foliated at 40tca giving the unit a laminated/banded texture; highly magnetic; moderate to strong bands of chlorite, biotite, sericite, and carbonate alteration with strong pervasive silicification throughout the unit; 1-2% 1-3mm euhedral and blebs of Py; 3% blebs and netty texture of Po as well as 2% disseminated and bands of Po (magnetic); specks of visible gold at 539.49m and 539.55m; weak and gradual lower contact
WZ-18-175	540.38	541.11	0.73	1A	Massive Flows	dark grey; massive; fine-grained; very weakly foliated; weak bands of chlorite, biotite and carbonate alteration; minor to 1% disseminated Py and minor to 1% disseminated Po;
WZ-18-175	541.11	543.28	2.17	1ALT	Altered Mafic Volcanic	dark grey/purple/green; medium-grained; very strongly foliated at 45tca giving the unit a laminated/banded texture; moderate to strong bands of chlorite, biotite, sericite, and carbonate alteration with strong pervasive silicification throughout the unit; the bands of alteration display deformation due to noticeable folded bands; 2% blebs of Py range from 1mm-1cm; 3% disseminated Po; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture; sharp lower contact
WZ-18-175	543.28	546.32	3.04	4ALT	Altered Feldspar Porphyry	medium grey/purple; fine-grained to medium-grained; top of the unit is weakly foliated and appears to have a massive texture graduating into very strong foliation 45tca at the bottom of the unit; moderate bands of biotite, and sericite alteration with strong silicification throughout; 1-3mm bands of carbonate alteration throughout; medium-grained interstitial biotite; 1% blebs and disseminated of Py; 1% blebs and disseminated of Po; mineralization is randomly dispersed throughout the unit as well as following the planes of foliation giving it a banded texture
WZ-18-175	546.32	558.33	12.01	1A	Massive Flows	dark grey/green; fine-grained; massive to weakly foliated; weak bands of biotite, chlorite and carbonate alteration; 10cm unit 4ALT unit from 549.17-549.37m that has moderate banding of biotite (interstitial as well), carbonate and chlorite alteration with minor to 1% disseminated Py; there are two veins ranging from 2-3cm highly silicified granodiorite veins, along with one 44cm vein at 549.66m with patches of sericite alteration and interstitial biotite alteration; wispy sericite altered veinlets throughout displaying deformation; no major mineralization within this unit; minor to 1% disseminated Py; sharp lower contact
WZ-18-175	558.33	587.56	29.23	5B	Granodiorite	light grey/pink; medium-grained to coarse-grained; massive; nil to very weak foliation; interstitial biotite alteration; this unit of granodiorite appears to have a high amount of potassium with the presence of k-feldspar(microcline) making the unit look more pink/granitic; minor fracture-controlled epidote and weak pervasive sericite alteration with moderate pervasive silicification throughout; the bottom of this unit starting from 575.75m is quite complex with 5-15cm fragments/inclusions of the next unit, 6B; there is also a 94cm minor unit of 1U at 584.62m; unit appears to be barren; very sharp lower contact
WZ-18-175	587.56	598.50	10.94	6B	Gabbro	dark grey; massive; medium-grained; nil to very weak foliation; bands of chlorite and needle amphibole alteration; this unit is strongly fragmental with the previous 5B and 1U minor unit; 5B fragments have fracture-controlled sericite, epidote, and carbonate alteration with pervasive silicification; unit appears to be barren
	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
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	526.51	527.48	0.97	386883	0.0025	< 5		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	527.48	528.51	1.03	386884	0.062	62		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	528.51	529.2	0.69	386885	0.61	610		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	529.2	529.93	0.73	386886	2.96	2960		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	529.93	530.68	0.75	386887	3.58	3330	3.58	
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	530.68	531.52	0.84	386888	0.692	692		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	531.52	532.28	0.76	386889	6.75	6140	6.75	
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	OREAS 210			0	386890	5.36	5360		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	532.28	532.73	0.45	386891	3.96	3480	3.96	
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	532.73	533.8	1.07	386892	0.635	635		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	533.8	534.82	1.02	386893	0.332	332		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	534.82	535.93	1.11	386894	0.646	646		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	535.93	536.7	0.77	386895	0.468	468		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	536.7	537.1	0.4	386896	0.125	125		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	537.1	538.1	1	386897	0.426	426		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	538.1	539.1	1	386898	0.096	96		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	539.1	539.8	0.7	386899	63.9	> 10000	36.6	63.9
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Blank			0	386900	0.0025	< 5		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	539.8	540.38	0.58	386901	0.519	519		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	540.38	541.11	0.73	386902	0.323	323		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	541.11	542.11	1	386903	0.187	187		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	542.11	542.72	0.61	386904	0.385	385		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	542.72	543.28	0.56	386905	0.347	347		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	543.28	544.28	1	386906	0.06	60		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	544.28	545.28	1	386907	0.047	47		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	545.28	545.8	0.52	386908	0.304	304		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	545.8	546.32	0.52	386909	1.64	1640		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	OREAS 215			0	386910	3.3	3300		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	546.32	547.31	0.99	386911	0.159	159		
WZ-18-175	Wolf Zone	Actlabs	A18-09537	23-Jul-18	27-Jul-18	Assay	547.31	548.33	1.02	386912	0.016	16		



Hole Number:

WZ-18-179

Drill Rig:

HC-150-21

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					21-Jul-2018	29-Jul-2018	
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée		
Easting	644713						
Northing	5408407	Dip:	-78	Dates Logged:	Start Date:	End Date:	
Elevation(m)	408				22-Jul-2018	30-Jul-2018	
<u>Final Pick up</u>		Depth(m):	678.00	Logger 1:	Geoff Podrucky		
Easting				Logger 2:	Andrew Wehrfritz		
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)							
Casing		Cemented		Assay Lab:	Actlabs		
Purpose of Hole	Further exploration of the Wolf Zone	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Bottom of the hole was wedged at a roll of 340 degrees.	48.0	51.0	-77.8	56217		58.6
		78.0	52.2	-77.6	56087		59.8
		108.0	51.6	-77.0	56128		59.2
		138.0	51.3	-76.7	56142		58.9
		168.0	50.6	-76.3	56040		58.2
		198.0	52.3	-76.2	55950		59.9
		231.0	50.7	-75.4	55773		58.3
		261.0	52.1	-75.1	55177		59.7
Comments	Geoff Logged up until 62m.	291.0	79.1	-74.9	54140		86.7
		321.0	50.6	-75.0	56737		58.2
		351.0	48.8	-74.4	56578		56.4
		381.0	52.1	-74.1	56117		59.7
		411.0	53.0	-73.8	56014		60.6
		441.0	53.6	-73.3	55866		61.2
		471.0	53.6	-73.0	55771		61.2
		501.0	54.4	-72.5	55739		62
		531.0	55.5	-72.0	55684		63.1
		561.0	55.6	-71.4	55639		63.2
Azimuth corrected to 7.6 degrees west declination		591.0	57.1	-71.8	55870		64.7
		621.0	56.4	-71.5	55830		64
		651.0	56.0	-71.4	55839		63.6
		678.0	56.9	-71.4	55509		64.5

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-179	0	3	3	CAS	Casing	
WZ-18-179	3	35.86	32.86	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Moderate foliation defined by the matrix of amphibole and biotite. Weak patchy biotite, chlorite and silicification throughout unit. Trace disseminated pyrrhotite throughout, concentrated in patchy chlorite alteration and silicification. 3% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric at 30-35 deg TCA. 1-2% cm-scale minor feldspar porphyry dykes observed, with sharp contacts parallel to fabric (30-35 deg TCA). Local mm-cm scale off-set fractures observed, up to 2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 10-30 deg TCA, from 15-36.86m. Sharp lower contact.
WZ-18-179	35.86	46.61	10.75	4B	Feldspar Porphyry	Dark purplish-grey, fine- to coarse-grained feldspar porphyry. Weak to moderate foliation defined by weak to moderate disseminated biotite. Weak to moderate patchy silicification throughout unit. Locally mm-cm scale offset fractures at 35 deg TCA, up to 1-2mm wide, filled with carbonate. 35% feldspar phenocrysts, up to 5 mm, weakly stretched/lineated. Sharp lower contact.
WZ-18-179	46.61	59.41	12.8	1A	Massive Flows	Dark grey, fine-grained massive flow. Moderate foliation defined by a matrix of amphibole and biotite. Weak to moderate patchy to banded biotite, chlorite throughout unit. 2-3% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric at 35 deg TCA. 1-2% cm-scale minor feldspar porphyry dykes observed, with sharp contacts parallel to fabric (35 deg TCA). Local mm-cm scale off-set fractures observed, up to 2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 15-25 deg TCA. Sharp lower contact.
WZ-18-179	59.41	62.08	2.67	6E	Intermediate Dyke	Dark purplish-grey, fine-grained intermediate dyke. Moderate foliation defined by moderate to strong disseminated biotite, up to 2mm. Weak pervasive silicification throughout unit. 2-3% mm-cm scale quartz-carb stringers/veinlets, cutting core from 45-85 deg TCA. Sharp lower contact.
WZ-18-179	62.08	73	10.92	1A	Massive Flows	Dark grey, fine-grained massive flow. Moderate foliation defined by a matrix of amphibole and biotite. Weak to moderate patchy to banded biotite, chlorite throughout unit. 2-3% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric at 35 deg TCA. Local mm-cm scale off-set fractures observed, up to 2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 5-30 deg TCA.
WZ-18-179	73	87.4	14.4	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Minor biotite banding associated with some of these selvages. Calcite stringers, wisps and veinlets frequently throughout. Evidence for centimetric scale sinistral movement along some healed fractures.
WZ-18-179	87.4	95	7.6	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafic ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase. Minor foliation. Intermittent calcite and quartz wisps. Gradational lower contact. Some areas appear to be borderline massive mafic flows. Minor chlorite/epidote banding.
WZ-18-179	95	110.54	15.54	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and millimetric sized garnet associated with some of these selvages. Calcite stringers, wisps and veinlets sporadically throughout. Increased fracturing and chlorite alteration from 103.1 to 103.33, 105.5 to 105.6 with 1% disseminated sulphides; again at 108 to 108.2m.
WZ-18-179	110.54	125.9	15.36	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafic ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase. Minor foliation. Intermittent calcite and quartz wisps. Gradational lower contact. Some areas appear to be borderline massive mafic flows. 1% disseminated sulphides from 122.4 to 124.5m.
WZ-18-179	125.9	203.15	77.25	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and millimetric sized garnet associated with some of these selvages. Calcite stringers, wisps and veinlets frequently throughout. Frequent healed fractures throughout with evidence of centimetric scaled sinistral movement along some. Section of intermediate dyke from 149 to 149.25m. Undulating foliation angles from 189 to 196m.
WZ-18-179	203.15	205.66	2.51	1A	Massive Flows	fg to mg, dark grey to dark green unit with moderate foliation defined by a matrix of amphibole and biotite. Chlorite throughout unit. 2-3% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric at 35 deg TCA. Local mm-cm scale off-set fractures observed, up to 2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers intermittently throughout.

WZ-18-179	205.66	216.3	10.64	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and millimetric sized garnet associated with some of these selvages. Calcite stringers, wisps and veinlets frequently throughout. Frequent healed fractures throughout with evidence of centimetric scaled sinistral movement along some.
WZ-18-179	216.3	218.08	1.78	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor amounts of silica. Occasional light green alteration halos around healed fractures.
WZ-18-179	218.08	236.64	18.56	1A	Massive Flows	fg to mg, dark grey to dark green unit with moderate foliation. Unit is composed predominately of fg mafic minerals with chlorite alteration throughout unit. Lesser amounts of fg light grey plagioclase. 2-3% mm-cm scale quartz carb stringers/veinlets.
WZ-18-179	236.64	238.87	2.23	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 4% sulphide stringers through out composed of po, cpy, and py stringers. Some garnets associated with mafic banding. Highly variable foliation/banding angle.
WZ-18-179	238.87	245.28	6.41	1A	Massive Flows	fg to mg, dark grey to dark green unit with moderate foliation. Unit is composed predominately of fg mafic minerals with chlorite alteration throughout unit. Lesser amounts of fg light grey plagioclase. 2-3% mm-cm scale quartz carb stringers/veinlets. Grain size coarsens with depth. Small section of 4b from 247.1 to 247.35.
WZ-18-179	245.28	287.54	42.26	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafic ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase. Minor foliation. Intermittent calcite and quartz wisps. Some areas appear to be borderline massive mafic flows. Gradational upper and lower contact. Unit becomes finer with depth. Magnetic properties in the bottom two meters.
WZ-18-179	287.54	300	12.46	1U	Ultramafic Flows	fg, grey to dark grey, mafic unit with a moderate to high degree of talc alteration throughout. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Up to 5 fractures/meter. Minor to no foliation.
WZ-18-179	300	301	1	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 2% sulphide stringers through out composed of po, cpy, and py stringers. Some garnets associated with mafic banding.
WZ-18-179	301	302.3	1.3	1A	Massive Flows	fg to mg, dark grey to dark green mafic unit with a massive texture. Calcite stringers, wisps sporadically throughout. Low to moderate foliation. Finer grained light grey plagioclase intermingled throughout in lesser quantities. Infrequency pillow selvage formations.
WZ-18-179	302.3	304.27	1.97	6A	Diorite	fg to mg, dark grey to light grey unit composed approximately of 50% mg light grey plagioclase, 50% fg to mg mafic (amph and biotite). Black Speckled texture in areas.
WZ-18-179	304.27	305.9	1.63	1UT	Ultramafic Talc/Chlorite Altered	fg, grey to dark grey, mafic unit with a moderate to high degree of talc alteration throughout. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Up to 5 fractures/meter. Moderate to high degree of talc alteration. Minor to no foliation.
WZ-18-179	305.9	307.83	1.93	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 4% sulphide stringers through out composed of po, cpy, and py stringers. Some garnets associated with mafic banding.
WZ-18-179	307.83	310.56	2.73	1A	Massive Flows	fg to mg, dark grey to dark green mafic unit with a massive texture. Calcite stringers, wisps sporadically throughout. Low to moderate foliation. Finer grained light grey plagioclase intermingled throughout in lesser quantities. Infrequency pillow selvage formations. Unit contains occasional narrow sections of 1U and 3D.
WZ-18-179	310.56	312.65	2.09	3D	Iron Formation	fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 4% sulphide stringers through out composed of po, cpy, and py stringers. Some garnets associated with mafic banding.
WZ-18-179	312.65	316.75	4.1	1A	Massive Flows	fg to mg, dark grey to dark green mafic unit with a massive texture. Calcite stringers, wisps sporadically throughout. Low to moderate foliation. Finer grained light grey plagioclase intermingled throughout in lesser quantities. Infrequency pillow selvage formations.
WZ-18-179	316.75	318	1.25	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Low to moderate degree of light green sericite alteration and healed fractures. Long fracture runs parallel to core starting at 316.25 to 317.

WZ-18-179	318	320.45	2.45	1U	Ultramafic Flows	fg, grey to dark grey, mafic unit with a moderate to high degree of talc alteration throughout. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Up to 5 fractures/meter. Minor to no foliation. Higher frequency of fracturing from 318 to 318.3m.
WZ-18-179	320.45	324	3.55	1A	Massive Flows	fg to mg, dark grey to dark green mafic unit with a massive texture. Calcite stringers, wisps sporadically throughout. Low to moderate foliation. Finer grained light grey plagioclase intermingled throughout in lesser quantities. Infrequency pillow selvage formations.
WZ-18-179	324	328	4	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Low to moderate degree of light green sericite alteration and healed fractures. Degree of foliation is variable throughout.
WZ-18-179	328	335	7	1A	Massive Flows	fg to mg, dark grey to dark green mafic unit with a massive texture. Calcite stringers, wisps sporadically throughout. Low to moderate foliation. Finer grained light grey plagioclase intermingled throughout in lesser quantities. Infrequent pillow selvage formations. Narrow sections of iron formations occasionally, some of which contain 1% sulphides (328.3 to 328.72 and 330.83 to 331.08).
WZ-18-179	335	339.07	4.07	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; banded biotite alteration associated with some of these pillow selvages as well as <1% blebby sulphides. Calcite stringers, wisps sporadically throughout. Moderate to high foliation. Occasional narrow section of iron formation (335.4 to 335.92m)
WZ-18-179	339.07	378	38.93	7A	Diabase	fg to mg grey mafic unit with centimetric to millimetric sized white feldspar glomerophyes intermittently scattered throughout. Moderate magnetic properties throughout. Composed of predominately mafic minerals as well as a significant proportion of plagioclase. Unit coarsens slightly with depth and feldspar glomerophyes decrease in size and frequency.
WZ-18-179	378	395.33	17.33	1A	Massive Flows	fg to mg, dark green to dark green mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Low to moderate foliation. Minor amounts of fg light grey plagioclase interstitially. Infrequent pillow selvage formations. Narrow section of granodiorite from 388.32 to 388.62
WZ-18-179	395.33	423.17	27.84	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation. Gradational upper contact.
WZ-18-179	423.17	424.2	1.03	6E	Intermediate Dyke	mg, grey and white unit with an intermediate composition. Composed in equal parts of cg mafic (amp/pyx) and mg plagioclase. Minor amounts of biotite. Weak to Moderate foliation.
WZ-18-179	424.2	440.15	15.95	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation.
WZ-18-179	440.15	441.66	1.51	4B	Feldspar Porphyry	fg to mg, grey, and light green unit with a slight purple hue. Fg biotite and felsic ground mass containing moderately strained and elongated millimetric white feldspar phenocrysts. Frequent light green alteration halos around healed fractures. Up to 1% disseminated sulphides.
WZ-18-179	441.66	460.33	18.67	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation. Large degree of healed fracturing from 449.7 to 450.3 associated with cg calcite.
WZ-18-179	460.33	461.4	1.07	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Occasional light green alteration halos around healed fractures.
WZ-18-179	461.4	484	22.6	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation. Narrow sections of 4b at top of unit. Increased biotite alteration associated with pillow selvages from 471 to 483m
WZ-18-179	484	558.25	74.25	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Low to moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Infrequent pillow selvage formations. Higher degree of chlorite alteration from 502.7 to 503.1. Undulating foliation from 530 to 531. up to 1% blebby sulphides from 552 to 552.2 associated with a felsic pink vein.

WZ-18-179	558.25	561.85	3.6	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Occasional light green alteration halos around healed fractures. Minor sections of pillowed mafic in areas.
WZ-18-179	561.85	575.7	13.85	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation.
WZ-18-179	575.7	578.55	2.85	4B	Feldspar Porphyry	fg to mg, grey unit with a moderate-strong purple hue. Fg biotite and felsic ground mass containing moderately strained and elongated millimetric white feldspar phenocrysts. Frequent light green alteration halos around healed fractures. Wisps of white felsic mineralization with black speckling cross cut the unit intermittently.
WZ-18-179	578.55	601.34	22.79	1B	Pillowed Flows	fg, dark grey to dark green unit composed predominately of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation. Minor disseminated sulphides (<<1%). Frequency of pillow selvages decreases in the bottom 4 meters of unit.
WZ-18-179	601.34	602.05	0.71	4E	Pegmatite	cg to vcg, light grey to pale pink unit composed predominately of quartz, muscovite and white plagioclase; less quantities of pink microcline.
WZ-18-179	602.05	616.95	14.9	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Low to moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Infrequent pillow selvage formations. Section of 4b from 615.85 to 616m
WZ-18-179	616.95	625.24	8.29	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly strained and elongated millimetric white feldspar phenocrysts. Occasional light green alteration halos around healed fractures. <1% finely disseminated sulphides.
WZ-18-179	625.24	636.2	10.96	1B	Pillowed Flows	fg, dark grey to dark green unit with a pillowed and banded texture; predominately composed of mafic minerals. 5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote; biotite banding associated with some of these selvages. Calcite/quartz stringers, and wisps sporadically throughout. Moderate to high foliation. Moderate degree of biotite alteration and quartz flooding from 625.24 to 628; this interval is associated with banded/stringers of po and py with up to 4% with approx. 3-4% overall. Alteration and sulphide concentration decreases gradually after this.
WZ-18-179	636.2	649.5	13.3	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Low to moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Infrequent pillow selvage formations. Rubble zone composed of predominately mechanical fractures from 638 to 638.7m.
WZ-18-179	649.5	650.75	1.25	4B	Feldspar Porphyry	fg to mg, grey unit with a slight purple hue. Fg biotite and felsic ground mass containing lightly strained and elongated millimetric white feldspar phenocrysts. Occasional light green alteration halos around healed fractures.
WZ-18-179	650.75	678	27.25	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Low to moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Moderate magnetism from 652 to 654.
WZ-18-179	678	678				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
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	624.25	625.24	0.99	386913	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	625.24	626.25	1.01	386914	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	626.25	627	0.75	386915	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	627	628	1	386916	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	628	629	1	386917	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	629	630	1	386918	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	630	631	1	386919	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Blank			0	386920	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	631	632	1	386921	0.0025	< 5		
WZ-18-179	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	632	633	1	386922	0.0025	< 5		



Hole Number:	WZ-18-179W
Drill Rig:	HC-150-21
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					Jul-29-2018	Aug-09-18
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée	
Easting	644713	Dip:	-78	Dates Logged:	Start Date:	End Date:
Northing	5408407	Depth(m):	1188.00		Jul-30-2018	Aug-09-18
Elevation(m)	408	Core Size:	NQ	Logger 1:	Andrew Wehrfritz	
<u>Final Pick up</u>				Logger 2:		
Easting				Logger 3:		
Northing				Assay Lab:	Actlabs	
Elevation(m)						

Casing	
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Purpose of Hole	Further exploration of the wolf zone.	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	1ALT and 4ALT zone intersected from 1122.24 to 1129.07; and 1142 to 1144.46. 2 specs of galena in the section 1122.24 to 1129.07.	48.0	51.0	-77.8	56217		58.6
		78.0	52.2	-77.6	56087		59.8
		108.0	51.6	-77.0	56128		59.2
		138.0	51.3	-76.7	56142		58.9
		168.0	50.6	-76.3	56040		58.2
		198.0	52.3	-76.2	55950		59.9
		231.0	50.7	-75.4	55773		58.3
		261.0	52.1	-75.1	55177		59.7
		291.0	79.1	-74.9	54140		86.7
		321.0	50.6	-75.0	56737		58.2
Comments	Wedged off of hole WZ-18-179 at 672.57m. Switched to RIG 17 at 1038.88m due to mechanical issues.	351.0	48.8	-74.4	56578		56.4
		381.0	52.1	-74.1	56117		59.7
		411.0	53.0	-73.8	56014		60.6
		441.0	53.6	-73.3	55866		61.2
		471.0	53.6	-73.0	55771		61.2
		501.0	54.4	-72.5	55739		62
		531.0	55.5	-72.0	55684		63.1
		561.0	55.6	-71.4	55639		63.2
		591.0	57.1	-71.8	55870		64.7
		621.0	56.4	-71.5	55830		64
Azimuth corrected to 7.6 degrees west declination		651.0	56.0	-71.4	55839		63.6
		678.0	56.9	-71.4	55509		64.5
		693.0	55.5	-68.3	55782		63.1
		726.0	56.1	-63.7	56447		63.7
		753.0	55.6	-63.2	56537		63.2
		783.0	54.2	-66.7	55980		61.8
		813.0	54.4	-62.0	56161		62
		843.0	55.5	-66.7	56077		63.1
		873.0	54.7	-66.1	55951		62.3
		903.0	55.6	-63.2	55899		63.2
933.0	53.9	-64.8	55826		61.5		
963.0	53.2	-63.3	56120		60.8		
993.0	52.9	-62.4	55920		60.5		
1023.0	51.3	-62.0	56013		58.9		
1053.0	51.6	-60.2	56111		59.2		
1083.0	52.3	-60.1	56075		59.9		
1113.0	52.0	-59.9	56092		59.6		
1143.0	51.6	-59.7	55925		59.2		
1173.0	50.7	-59.2	56783		58.3		

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-179W	672.57	781	108.43	1A	Massive Flows	fg to cg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Intermittent sections containing moderate to strong magnetic properties. Unit could arguably be classified as a gabbro. Series of quartz veinlets and flooding from 726 to 726.8 associated with up to 3% blebby py.
WZ-18-179W	781	800.45	19.45	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase interstitially. Minor foliation. Intermittent calcite and quartz wisps. Occasional pillow selvage formations.
WZ-18-179W	800.45	802.2	1.75	1A	Massive Flows	fg to cg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Healed fractures at 802m.
WZ-18-179W	802.2	833.4	31.2	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase interstitially. Minor foliation. Intermittent calcite and quartz wisps. Occasional pillow selvage formations. Epidote filled healed fractures from 831.9 to 832m. Section containing a high degree of fracturing (10) from 833.55 to 833.7.
WZ-18-179W	833.4	881.04	47.64	1A	Massive Flows	fg to cg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. The majority of the unit is fine grained however some mafic minerals are cg in size give some sections of the unit a porphyritic texture. Series of epidote filled healed fracturing from 839.6 to 840; increased frequency of fractures (approx. 3-5/ meter) from 940 to 842m. Minor blebby py (<<1%).
WZ-18-179W	881.04	882.6	1.56	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor amounts of silica. Occasional light green alteration halos around healed fractures.
WZ-18-179W	882.6	916	33.4	1A	Massive Flows	fg to cg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. The majority of the unit is fine grained however some mafic minerals are cg in size giving the unit a porphyritic texture. Quartz stringers contains minor amounts of cpy (<<1%).
WZ-18-179W	916	946.9	30.9	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10-15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate to high foliation. silicification from 882.2 to 882.35 associated with blebby po, py and cpy.
WZ-18-179W	946.9	954.36	7.46	1A	Massive Flows	fg to cg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially.
WZ-18-179W	954.36	1122.24	167.88	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and millimetric sized garnet associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate to high foliation. Increased biotite alteration and epidote banding from 955 to 956; up to 2% sulphides (po and py) in this section. Minor fault gauge at 1009.12m associated with increased pervasive epidote and chlorite alteration. Increased biotite alteration associated with millimetric garnets from 1038.3 to 1038.57. Quartz vein from 1080.15 to 1080.26 associated with 1% disseminated to blebby py; Three quartz veins from 1067 to 1072; associated with <<1% sulphides.
WZ-18-179W	1122.24	1124.09	1.85	1ALT	Altered Mafic Volcanic	fg to mg dark green, brown and grey mafic unit with a banded texture and moderate to high foliation. Mafics accompanied by light green alteration bands composed of chlorite/epidote and a moderate to high degree of biotite alteration creating thin brown banding. Up to 2% blebby sulphides composed predominately of py and po. Sulphide content associated with silicification which includes quartz veinlets, wisps and stringers intermittently throughout.
WZ-18-179W	1124.09	1127.35	3.26	4ALT	Altered Feldspar Porphyry	fg grey unit with a strong purple hue; moderate to heavy silicification. Fg felsic ground mass with occasional highly strained and elongated millimetric feldspar phenocrysts. Light green alteration halos surround healed fractures from 1125 to 1125.3m. Up to 4% disseminated sulphides from 1126.4 to 1126.72 (po and py). Two small specs of galena visible at 1126.2 and 1126.9 respectively.

WZ-18-179W	1127.35	1129.07	1.72	1ALT	Altered Mafic Volcanic	fg to mg dark green, brown and grey mafic unit with a banded texture and moderate to high foliation. Mafics accompanied by light green alteration bands composed of chlorite/epidote and a moderate to high degree of biotite alteration creating thin brown banding. Up to 5% blebby sulphides composed predominately of py and po from 1127.35 to 1127.8; approx. 1-2 sulphides overall. Sulphide content associated with silicification which includes quartz veinlets, wisps and stringers intermittently throughout. Minor cpy (<<1%).
WZ-18-179W	1129.07	1142	12.93	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Minor disseminated sulphides associated with some pillow selvages (<<1%).
WZ-18-179W	1142	1144.46	2.46	1ALT	Altered Mafic Volcanic	fg to mg dark green, brown and grey mafic unit with a banded texture and moderate to high foliation. Mafics accompanied by light green alteration bands composed of chlorite/epidote and a moderate to high degree of biotite alteration creating thin brown banding. Up to 5% blebby sulphides composed predominately of py and po from 1144 to 1144.46; This interval contains several narrow sections of 4ALT. Sulphide content associated with silicification; Large quartz vein from 1142.52 to 1142.8; with approx. 1% blebby sulphides.
WZ-18-179W	1144.46	1177.05	32.59	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Minor sections of intermediate dykes intermittently. Quartz vein at 1168.2 and calcite vein at 1168.3. Strong chlorite alteration from 1170.1 to 1170.3.
WZ-18-179W	1177.05	1178.48	1.43	4E	Pegmatite	cg, light grey to pink unit composed primarily of kspar, plag, Smokey quartz and muscovite.
WZ-18-179W	1178.48	1188	9.52	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Occasional narrow sections of granite/pegmatite.

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
WZ-18-179W	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	725	726	1	386923	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	726	726.8	0.8	386924	0.012	12		
WZ-18-179W	Wolf Zone	Actlabs	A18-10529	08-Aug-18	30-Aug-18	Assay	726.8	727.8	1	386925	0.005	5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	954.36	955	0.64	386926	0.005	5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	955	956	1	386927	0.012	12		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	956	957	1	386928	0.006	6		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1079	1079.88	0.88	386929	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	OREAS 216			0	386930	6.52	6520		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1079.88	1080.9	1.02	386931	0.006	6		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1080.9	1082	1.1	386932	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1066.7	1067.47	0.77	386933	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1068.31	1068.93	0.62	386934	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1071.3	1071.86	0.56	386935	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1119	1120	1	386936	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1120	1121.1	1.1	386937	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1121.1	1122.24	1.14	386938	0.005	5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1122.24	1123	0.76	386939	0.019	19		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Blank			0	386940	0.005	5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1123	1124.09	1.09	386941	0.073	73		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1124.09	1125	0.91	386942	0.035	35		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1125	1126	1	386943	0.019	19		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1126	1127	1	386944	0.267	267		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1127	1127.35	0.35	386945	0.658	658		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1127.35	1128	0.65	386946	3.71	3630	3.71	
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1128	1129.07	1.07	386947	0.005	5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1129.07	1130	0.93	386948	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1130	1131	1	386949	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	OREAS 210			0	386950	5.47	5470		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1131	1132	1	783001	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1132	1133	1	783002	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1139	1140	1	783003	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1140	1141	1	783004	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1141	1142	1	783005	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1142	1143	1	783006	0.101	101		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1143	1144	1	783007	0.015	15		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1144	1144.46	0.46	783008	0.183	183		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1144.46	1145.5	1.04	783009	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	OREAS 210			0	783010	5.38	5380		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1145.5	1146.5	1	783011	0.0025	< 5		
WZ-18-179W	Wolf Zone	Actlabs	A18-10651	09-Aug-18	13-Aug-18	Assay	1146.5	1147.5	1	783012	0.0025	< 5		



Hole Number:	WZ-18-179W2
Drill Rig:	HC-150-17
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					9-Aug-2018	13-Aug-2018
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée	
Easting	644713					
Northing	5408407	Dip:	-78	Dates Logged:	Start Date:	End Date:
Elevation(m)	408				10-Aug-2018	13-Aug-2018
<u>Final Pick up</u>		Depth(m):	831.00	Logger 1:	Andrew Wehrfritz	
Easting				Logger 2:	Geoff Podrucky	
Northing		Core Size:	NQ	Logger 3:	Jordan Keir-Sage	
Elevation(m)				Assay Lab:	Actlabs	

Casing

Purpose of Hole	Further exploration of the wolf zone.	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Wedge off the bottom of the hole at 831 due to insignificant lift.	18.0	48.3	-78.0	56917		55.9
		48.0	51.0	-77.8	56217		58.6
		78.0	52.2	-77.6	56087		59.8
		108.0	51.6	-77.0	56128		59.2
		138.0	51.3	-76.7	56142		58.9
		168.0	50.6	-76.3	56040		58.2
		198.0	52.3	-76.2	55950		59.9
		231.0	50.7	-75.4	55773		58.3
		261.0	52.1	-75.1	55177		59.7
		Comments	Wedge started at 594.5m. Andrew Logged up until 703.5m. Geoff logged from 703.5-779m.	291.0	79.1	-74.9	54140
321.0	50.6			-75.0	56737		58.2
351.0	48.8			-74.4	56578		56.4
381.0	52.1			-74.1	56117		59.7
411.0	53.0			-73.8	56014		60.6
441.0	53.6			-73.3	55866		61.2
471.0	53.6			-73.0	55771		61.2
501.0	54.4			-72.5	55739		62
531.0	55.5			-72.0	55684		63.1
561.0	55.6			-71.4	55639		63.2
Azimuth corrected to 7.6 degrees west declination		591.0	57.1	-71.8	55870		64.7
		615.0	53.7	-68.5	56575		61.3
		651.0	54.3	-67.5	56450		61.9
		681.0	54.0	-67.4	56762		61.6
		711.0	59.2	-67.1	55524		66.8
		741.0	54.5	-67.2	56640		62.1
		771.0	54.2	-65.8	56569		61.8
		801.0	53.4	-65.1	56693		61

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-179W2	0	594.38	594.38			Previously Drilled
WZ-18-179W2	594.38	613.25	18.87	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Increased chlorite alteration (pervasive) from 603m to 607m.
WZ-18-179W2	613.25	621.6	8.35	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor amounts of silica. Occasional light green alteration halos around healed fractures.
WZ-18-179W2	621.6	631.1	9.5	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10-15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. <1% sulphides overall. Moderate quartz flooding from 622.44 to 622.72 associated with up to 2% sulphides (predominately po and py). Quartz flooding and biotite alteration from 628 to 631.1 also associated with <1% to 1% sulphides.
WZ-18-179W2	631.1	642.04	10.94	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Millimetric sized garnets interstitially in certain sections
WZ-18-179W2	642.04	643.04	1	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Minor amounts of silica. Occasional light green alteration halos around healed fractures.
WZ-18-179W2	643.04	703.5	60.46	1A	Massive Flows	fg to mg, dark green to dark grey mafic unit with a massive texture. Calcite and quartz stringers, wisps sporadically throughout. Moderate foliation. Minor to moderate amounts of fg light grey plagioclase interstitially. Intermittent millimetric garnets suspended in some sections. Narrow section of 4b from 657.27 to 657.52. Blebby coarse grained py from 699.95m to 700.05m. Py stinger at 690.36
WZ-18-179W2	703.5	831	127.5	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grained with a gabbroic texture. Moderate foliation (40 deg TCA) defined by the matrix of amphibole and biotite. Biotite occurs mostly disseminated with minor patches/bands. Weak, fine- to medium-grained interstitial plagioclase throughout unit. Local patchy chlorite-sericite and interstitial garnet throughout unit. 1-2% mm-cm scale quartz carb stringers/veinlets, parallel to fabric. Local fractures observed, up to 1-2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 5-50 deg TCA. Moderately to strongly magnetic with trace blebby pyrite, up to 5mm wide, from 703.5-729m.
						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
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	621.6	622.35	0.75	783013	0.0025	< 5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	622.35	622.85	0.5	783014	0.0025	< 5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	622.85	623.77	0.92	783015	0.0025	< 5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	623.77	624.77	1	783016	0.0025	< 5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	624.77	625.65	0.88	783017	0.005	5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	625.65	626.5	0.85	783018	0.0025	< 5		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Assay	699.75	700.25	0.5	783019	0.009	9		
WZ-18-179W2	Wolf Zone	Actlabs	A18-10991	16-Aug-18	11-Sep-18	Blank				783020	0.0025	< 5		



Hole Number:

WZ-18-179W3

Drill Rig:

HC-150-17

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					13-Aug-2018	19-Aug-2018	
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée		
Easting	644713						
Northing	5408407	Dip:	-78	Dates Logged:	Start Date:	End Date:	
Elevation(m)	408				14-Aug-2018	20-Aug-2018	
<u>Final Pick up</u>		Depth(m):	1143.64	Logger 1:	Geoff Podrucky		
Easting				Logger 2:			
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)				Assay Lab:	Actlabs		
Casing		Cemented					
Purpose of Hole	Further exploration of the wolf zone.	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	1074.23-1079.33m: 17 cm wide quartz vein with 7-8% pyrite/pyrrhotite hosted in sheared and altered mafic flow and feldspar porphyry.	18.0	48.3	-78.0	56917		55.9
		48.0	51.0	-77.8	56217		58.6
		78.0	52.2	-77.6	56087		59.8
		108.0	51.6	-77.0	56128		59.2
		138.0	51.3	-76.7	56142		58.9
		168.0	50.6	-76.3	56040		58.2
		198.0	52.3	-76.2	55950		59.9
		231.0	50.7	-75.4	55773		58.3
		261.0	52.1	-75.1	55177		59.7
		Comments	Wedge at 826.5m	291.0	79.1	-74.9	54140
321.0	50.6			-75.0	56737		58.2
351.0	48.8			-74.4	56578		56.4
381.0	52.1			-74.1	56117		59.7
411.0	53.0			-73.8	56014		60.6
441.0	53.6			-73.3	55866		61.2
471.0	53.6			-73.0	55771		61.2
501.0	54.4			-72.5	55739		62
531.0	55.5			-72.0	55684		63.1
561.0	55.6			-71.4	55639		63.2
Azimuth corrected to 7.6 degrees west declination		591.0	57.1	-71.8	55870		64.7
		615.0	53.7	-68.5	56575		61.3
		651.0	54.3	-67.5	56450		61.9
		681.0	54.0	-67.4	56762		61.6
		711.0	59.2	-67.1	55524		66.8
		741.0	54.5	-67.2	56640		62.1
		771.0	54.2	-65.8	56569		61.8
		801.0	53.4	-65.1	56693		61
		846.0	55.7	-62.5	56594		63.3
		876.0	57.6	-61.6	55943		65.2
906.0	57.5	-61.3	55752		65.1		
936.0	57.6	-60.0	55882		65.2		
969.0	58.1	-59.4	56470		65.7		
999.0	57.1	-59.2	56147		64.7		
1032.0	56.1	-58.8	56235		63.7		
1062.0	60.8	-58.8	55936		68.4		
1092.0	58.6	-58.0	56052		66.2		
1122.0	58.9	-57.3	56398		66.5		

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-179W3	0	827.1	827.1			Previously drilled in WZ-18-179W2
WZ-18-179W3	827.1	854.28	27.18	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grained with a gabbroic texture. Moderate foliation (40 deg TCA) defined by the matrix of amphibole and biotite. Weak, fine- to medium-grained interstitial plagioclase throughout unit. Local patchy chlorite-sericite and interstitial garnet throughout unit. 1% mm-cm scale quartz carb stringers/veinlets, parallel to fabric. Local fractures observed, up to 1-2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 5-70 deg TCA. Moderately blocky core. Broken lower contact.
WZ-18-179W3	854.28	856.68	2.4	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to medium-grained feldspar porphyry. Moderate foliation defined by moderate disseminated biotite. Moderate pervasive silicification and patches to fracture-controlled (cutting core at various angles) sericitization/bleaching throughout unit. Feldspar phenocrysts, strongly stretched/lineated. Sharp lower contact.
WZ-18-179W3	856.68	919.06	62.38	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grained with a gabbroic texture. Moderate foliation (45 deg TCA) defined by the matrix of amphibole and biotite. Weak, fine- to medium-grained interstitial plagioclase throughout unit. Weak patchy chlorite-sericite throughout unit with local patches of garnet. 1% mm-cm scale quartz carb stringers/veinlets, parallel to fabric. Local fractures observed, up to 1-2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 5-85 deg TCA. Moderately blocky core from 856.68-867m. 1% blebby pyrite from 916-919.06m. Gradational lower contact.
WZ-18-179W3	919.06	928.74	9.68	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (50 deg TCA) defined by moderate bands of biotite. Moderate bands to patches of chlorite-sericite and weak patchy garnet throughout unit. 5-7% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at various angles. 2% pyrrhotite stringers, up to 1-2 mm wide, from 927-928.74m. Locally weakly ground core. Gradational lower contact.
WZ-18-179W3	928.74	944.91	16.17	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grained with a gabbroic texture. Moderate foliation (45 deg TCA) defined by the matrix of amphibole and biotite. Weak, fine- to medium-grained interstitial plagioclase throughout unit. Weak patchy chlorite-sericite throughout unit with local patches of garnet. 1-2% mm-cm scale quartz carb stringers/veinlets, parallel to fabric. Local fractures observed, up to 1-2 mm wide and filled with carbonate, cross-cutting matrix and quartz-carb stringers at 25-75 deg TCA.
WZ-18-179W3	944.91	1028.04	83.13	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (50 deg TCA) defined by weak to moderate bands of biotite. Weak to moderate bands to patches of chlorite-sericite and weak patchy garnet throughout unit. 3% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at various angles. 2% disseminated and blebby pyrrhotite concentrated in patchy alteration from 993.75-994.5m. 1% cm-scale minor granodiorite dykes observed. Locally weak boudinaged chlorite bands. Gradational lower contact.
WZ-18-179W3	1028.04	1031.13	3.09	1ALT	Altered Mafic Volcanic	Dark greenish grey with some purple-grey, fine-grained pillowed mafic flows. Moderate foliation (45 deg TCA) defined by bands of biotite. Weakly to moderately sheared. Moderate bands of biotite-chlorite-epidote throughout unit with minor quartz flooding. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core from 5-50 deg TCA. 5-10% cm-scale (up to 10cm) minor sheared and silicified/sericitized feldspar porphyry dykes. 2-3% disseminated and blebby pyrrhotite, concentrated in quartz flooding from 1029.75-1031.25m. Gradational lower contact.
WZ-18-179W3	1031.13	1035.23	4.1	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (40 deg TCA) defined by weak to moderate bands of biotite. Weak to moderate bands to patches of chlorite-sericite and weak patchy garnet throughout unit. 1-2% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at various angles. Trace disseminated and blebby pyrrhotite. Gradational lower contact.
WZ-18-179W3	1035.23	1036.08	0.85	1ALT	Altered Mafic Volcanic	Dark greenish grey with some purple-grey, fine-grained pillowed mafic flows. Moderate foliation (40 deg TCA) defined by bands of biotite. Moderately sheared. Moderate bands of biotite-chlorite-epidote throughout unit with minor quartz flooding. 5% cm-scale (up to 3-5cm) minor sheared and silicified/sericitized feldspar porphyry dykes. 3-5% disseminated and blebby pyrrhotite, concentrated in minor quartz flooding. Chlorite bands are weakly boudinaged. Gradational lower contact.

WZ-18-179W3	1036.08	1038.58	2.5	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (40 deg TCA) defined by weak to moderate bands of biotite. Weak to moderate bands to patches of chlorite-sericite and weak patchy garnet throughout unit. 1-2% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at various angles. Gradational lower contact.
WZ-18-179W3	1038.58	1041.2	2.62	FZ	Fault Zone	Grey to brownish-grey, fine-grained, healed fault zone. Moderate to strong pervasive sericitization and weak to moderate silicification. Moderate fracture-controlled sericite alteration throughout unit. Weakly to moderately blocky core. Broken lower contact.
WZ-18-179W3	1041.2	1074.23	33.03	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (40 deg TCA) defined by weak to moderate bands of biotite. Weak to moderate bands to patches of chlorite-sericite-epidote throughout unit. 1-2% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at various angles. 1-2% cm-scale minor granodiorite dykes observed. Gradational lower contact.
WZ-18-179W3	1074.23	1075.54	1.31	1ALT	Altered Mafic Volcanic	Dark greenish grey with some purple-grey, fine-grained pillowed mafic flows. Moderate to strong foliation (40 deg TCA) defined by bands of biotite. Moderately to strongly sheared. Moderate to strong bands of biotite-chlorite-epidote-silica throughout unit with minor quartz flooding. 5% disseminated and blebby pyrite/pyrrhotite, concentrated in minor quartz flooding and silica banding. Chlorite bands are weakly boudinaged. Sharp lower contact.
WZ-18-179W3	1075.54	1078.09	2.55	4ALT	Altered Feldspar Porphyry	Dark purplish-grey, fine-grained feldspar porphyry. Moderate foliation (40 deg TCA) defined by moderate disseminated biotite. Moderately sheared. Moderate pervasive silicification and weak fracture-controlled sericite alteration. Feldspar phenocrysts have been strongly stretched and lineated. 1-2% blebby and disseminated pyrite/pyrrhotite, concentrated on upper contact. Sharp lower contact.
WZ-18-179W3	1078.09	1078.36	0.27	1ALT	Altered Mafic Volcanic	Dark greenish grey with some purple-grey, fine-grained pillowed mafic flows. Moderate to strong foliation (40 deg TCA) defined by bands of biotite. Moderately to strongly sheared. Moderate to strong bands of biotite-chlorite-epidote-silica throughout unit with minor quartz flooding. 2% disseminated and blebby pyrite/pyrrhotite, concentrated in minor quartz flooding and silica banding. Sharp lower contact.
WZ-18-179W3	1078.36	1079.16	0.8	4ALT	Altered Feldspar Porphyry	Dark purplish-grey, fine-grained feldspar porphyry. Moderate to strong foliation (35 deg TCA) defined by moderate disseminated biotite. Moderately to strongly sheared. Moderate to strong pervasive silicification and weak fracture-controlled sericite alteration. Minor, opaque purplish grey quartz flooding. Feldspar phenocrysts have been strongly stretched and lineated. 4% blebby and disseminated pyrite/pyrrhotite, concentrated in quartz flooding. Sharp lower contact.
WZ-18-179W3	1079.16	1079.33	0.17	QV	Quartz Vein	Light purplish grey to dark purplish grey quartz vein. 7-8% disseminated and blebby pyrite/pyrrhotite, concentrated along fractures parallel to fabric in host rock. Moderate lower contact.
WZ-18-179W3	1079.33	1092.77	13.44	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (40 deg TCA) defined by moderate bands of biotite. Moderate bands to patches of chlorite-sericite-epidote throughout unit. 5% mm-cm scale quartz-carb stringers to vein, mostly parallel to fabric. 1-2% cm-scale minor granodiorite dykes observed. Small strongly magnetic, dark grey band (with some red bands, hematite?) with 10-15% blebby and disseminated pyrrhotite, concentrated on the contacts, from 1085.73-1086.9m.
WZ-18-179W3	1092.77	1098.46	5.69	1ALT	Altered Mafic Volcanic	Dark greenish grey with some purple-grey, fine-grained pillowed mafic flows. Moderate to strong foliation (40 deg TCA) defined by bands of biotite. Moderately to strongly sheared. Moderate to strong bands of biotite-chlorite-epidote-silica throughout unit with minor quartz flooding. 1% disseminated and blebby pyrite/pyrrhotite throughout unit, concentrations of up to 10% in minor quartz flooding from 1092.77-1093m and 1094.6-1095m. Minor granodiorite dyke observed. Chlorite bands are weakly to moderately boudinaged. Gradational lower contact.
WZ-18-179W3	1098.46	1137	38.54	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (40 deg TCA) defined by moderate bands of biotite. Moderate bands to patches of chlorite-sericite-epidote. 5% mm-cm scale quartz-carb stringers to vein, parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core at 20-80 deg TCA. Moderately sheared from 1129.2-1129.76m with 1% blebby pyrrhotite. Broken lower contact.
WZ-18-179W3	1137	1140	3	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to medium-grained feldspar porphyry. Moderate foliation (40 deg TCA) defined by moderate disseminated biotite. Weak pervasive silicification and patches to fracture-controlled (cutting core at various angles) sericitization/bleaching throughout unit. 10-15% subhedral feldspar phenocrysts, up to 3mm wide, weakly stretched/lineated. Broken lower contact.

WZ-18-179W3	1140	1141.02	1.02	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grained with a gabbroic texture. Moderate foliation (40 deg TCA) defined by the matrix of amphibole and biotite. Weak, fine- to medium-grained interstitial plagioclase throughout unit. Weak banded chlorite-sericite throughout unit. 2% mm-cm scale quartz carb stringers/veinlets, parallel to fabric. Sharp lower contact.
WZ-18-179W3	1141.02	1143.64	2.62	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to medium-grained feldspar porphyry. Moderate foliation (40 deg TCA) defined by moderate disseminated biotite. Weak patchy silicification throughout unit. 20% subhedral feldspar phenocrysts, up to 3mm wide, moderately stretched/lineated. Unit ends in minor granodiorite dyke. 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
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1027.04	1028.04	1	783021	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1028.04	1029	0.96	783022	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1029	1030	1	783023	0.007	7		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1030	1031.13	1.13	783024	0.009	9		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1031.13	1032.13	1	783025	0.007	7		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1032.13	1033.13	1	783026	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1033.13	1034.23	1.1	783027	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1034.23	1035.23	1	783028	0.006	6		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1035.23	1036.1	0.87	783029	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	OREAS 215				783030	3.48	3480		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11283	21-Aug-18	20-Sep-18	Assay	1036.1	1037.1	1	783031	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1071.23	1072.23	1	783032	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1072.23	1073.23	1	783033	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1073.23	1074.23	1	783034	0.005	5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1074.23	1074.84	0.61	783035	0.301	301		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1074.84	1075.57	0.73	783036	0.135	135		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1075.57	1076.57	1	783037	0.199	199		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1076.57	1077.25	0.68	783038	0.058	58		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1077.25	1078.05	0.8	783039	0.107	107		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Blank				783040	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1078.05	1078.38	0.33	783041	0.394	394		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1078.38	1079.11	0.73	783042	0.446	446		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1079.11	1079.41	0.3	783043	1.82	1820		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1079.41	1080.38	0.97	783044	0.012	12		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1080.38	1081.38	1	783045	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1081.38	1082.38	1	783046	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1082.38	1083	0.62	783047	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1083	1083.61	0.61	783048	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1083.61	1084.61	1	783049	0.009	9		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	OREAS 216				783050	6.79	6790		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1084.61	1085.61	1	783051	0.007	7		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1085.61	1086	0.39	783052	0.045	45		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1086	1087	1	783053	0.01	10		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1091.77	1092.77	1	783054	0.029	29		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1092.77	1093.15	0.38	783055	0.091	91		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1093.15	1093.86	0.71	783056	0.016	16		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1093.86	1094.55	0.69	783057	0.125	125		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1094.55	1095	0.45	783058	0.652	652		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1095	1096	1	783059	0.032	32		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Blank				783060	0.0025	< 5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1096	1097	1	783061	0.009	9		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1097	1097.75	0.75	783062	0.011	11		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1097.75	1098.5	0.75	783063	0.014	14		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1098.5	1099.5	1	783064	0.006	6		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1128.2	1129.2	1	783065	0.005	5		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1129.2	1129.76	0.56	783066	0.006	6		
WZ-18-179W3	Wolf Zone	Actlabs	A18-11616	21-Aug-18	28-Sep-18	Assay	1129.76	1130.76	1	783067	0.01	10		



Hole Number:

WZ-18-179W4

Drill Rig:

HC-150-17

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					19-Aug-2018	26-Aug-2018	
<u>Planned Coordinates</u>		Azimuth:	53	Drill Contractor:	Forages Chibougamau Ltée		
Easting	644713						
Northing	5408407	Dip:	-78	Dates Logged:	Start Date:	End Date:	
Elevation(m)	408				20-Aug-2018	26-Aug-2018	
<u>Final Pick up</u>		Depth(m):	774m	Logger 1:	Geoff Podrucky		
Easting				Logger 2:	Andrew Wehrfritz		
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)							
Casing				Assay Lab:	Actlabs		
Purpose of Hole	Exploration of the Wolf Zone	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Dip was too steep; hole was wedged at 774m	18.0	48.3	-78.0	56917		55.9
		48.0	51.0	-77.8	56217		58.6
		78.0	52.2	-77.6	56087		59.8
		108.0	51.6	-77.0	56128		59.2
		138.0	51.3	-76.7	56142		58.9
		168.0	50.6	-76.3	56040		58.2
		198.0	52.3	-76.2	55950		59.9
		231.0	50.7	-75.4	55773		58.3
Comments	Geoff logged from 394.22-642m.	261.0	52.1	-75.1	55177		59.7
		291.0	79.1	-74.9	54140		86.7
		321.0	50.6	-75.0	56737		58.2
		351.0	48.8	-74.4	56578		56.4
		381.0	52.1	-74.1	56117		59.7
		414.0	52.4	-70.5	56230		60
		444.0	53.4	-69.4	56026		61
		474.0	53.2	-68.4	55784		60.8
		504.0	53.8	-68.1	55804		61.4
		534.0	54.2	-67.8	55753		61.8
Azimuth corrected to 7.6 degrees west declination		564.0	54.4	-67.6	55725		62
		594.0	55.2	-67.2	55972		62.8
		624.0	56.2	-66.9	56222		63.8
		654.0	56.8	-66.7	56471		64.4
		684.0	59.1	-66.5	56252		66.7
		714.0	56.5	-65.9	55743		64.1
		744.0	56.0	-65.3	56078		63.6
		774.0	56.3	-65.1	56004		63.9

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-179W4	0	394.22	394.22			Previously drilled in WZ-18-179
WZ-18-179W4	394.22	434.83	40.61	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (35 deg TCA) defined by banded alteration. Weak to moderate banded chlorite-sericite-biotite alteration. Moderate to strong fracture-controlled sericite alteration cutting core at various angles from 394.22-408m. 1-2% mm-cm scale quartz-carb stringers cutting core at various angles. 1-2% minor cm-scale intermediate dykes observed. 2-3% minor cm-scale feldspar porphyry dykes observed.
WZ-18-179W4	434.83	436.37	1.54	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to coarse-grained feldspar porphyry. Weak foliation (40 deg TCA) defined by moderate disseminated biotite. 25% subhedral feldspar phenocrysts, up to 1 cm wide, weakly stretched and lineated. Sharp lower contact.
WZ-18-179W4	436.37	472.52	36.15	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (35 deg TCA) defined by banded alteration. Moderate banded chlorite-sericite-biotite alteration. 5-7% mm-cm scale quartz-carb stringers, mostly parallel to fabric. Local fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core from 10-70 deg TCA. Local 1-2% minor cm-scale feldspar porphyry dykes observed. Gradational lower contact.
WZ-18-179W4	472.52	535.87	63.35	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grain with gabbroic texture. Weak to moderate foliation (40 deg TCA) defined by the matrix of amphibole/biotite and banded alteration. Weak banded to patchy chlorite-sericite-biotite alteration throughout unit. 2% mm-cm scale quartz carb stringers/veinlets, cutting core at various angles. Local fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core from 10-80 deg TCA. Sharp lower contact.
WZ-18-179W4	535.87	537.15	1.28	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to coarse-grained feldspar porphyry. Weak foliation (40 deg TCA) defined by moderate disseminated biotite. 15-20% subhedral feldspar phenocrysts, up to 1 cm wide, weakly stretched and lineated. Sharp lower contact.
WZ-18-179W4	537.15	553.08	15.93	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (35 deg TCA) defined by banded alteration. Moderate banded chlorite-sericite-biotite alteration. 5% mm-cm scale quartz-carb stringers, mostly parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core from 20-60 deg TCA. Trace blebby pyrrhotite. Sharp lower contact.
WZ-18-179W4	553.08	555.09	2.01	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to coarse-grained feldspar porphyry. Weak to moderate foliation (40 deg TCA) defined by moderate disseminated biotite. Weak to moderate pervasive silicification and patchy to fracture-controlled criticalization throughout unit. 15-20% subhedral feldspar phenocrysts, up to 5 mm wide, moderately stretched and lineated. Sharp lower contact.
WZ-18-179W4	555.09	558.3	3.21	1B	Pillowed Flows	Dark greenish-grey, fine-grained pillowed mafic flow. Moderate foliation (45 deg TCA) defined by banded alteration. Weak to moderate banded chlorite-sericite-biotite alteration. 3-5% mm-cm scale quartz-carb stringers, mostly parallel to fabric. Local mm-cm scale off-set fractures, up to 1-2 mm wide, filled with carbonate, cross-cutting core from 20-60 deg TCA. Trace blebby and disseminated pyrrhotite. Gradational lower contact.
WZ-18-179W4	558.3	579.92	21.62	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grain with gabbroic texture. Weak to moderate foliation (40 deg TCA) defined by the matrix of amphibole/biotite and banded alteration. Weak banded to patchy chlorite-sericite-biotite alteration throughout unit. 5% mm-cm scale quartz carb stringers/veinlets, cutting core at various angles. 2% minor cm-scale granodiorite dykes observed. Sharp lower contact.
WZ-18-179W4	579.92	591.61	11.69	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to coarse-grained feldspar porphyry. Weak to moderate foliation (40 deg TCA) defined by moderate disseminated biotite. Weak pervasive silicification and patchy to fracture-controlled criticalization throughout unit. 20% subhedral feldspar phenocrysts, up to 1 cm wide, weakly stretched and lineated. 1-2% minor cm-scale intervals of mafic flow observed. Trace disseminated and blebby pyrite/pyrrhotite throughout unit. Sharp lower contact.
WZ-18-179W4	591.61	596.86	5.25	1B	Pillowed Flows	Dark greenish-grey to dark grey to light grey, fine-grained pillowed mafic flow. Moderate foliation (35 deg TCA) defined by banded alteration. Moderately sheared. Moderate to strong banded chlorite-sericite-biotite alteration. Shearing and alteration decreases downhole down to weak to moderate. 5% mm-cm scale quartz-carb stringers, mostly parallel to fabric. 5% disseminated, blebby and stringers of pyrrhotite, parallel to fabric, usually associated with quartz stringers from 591.61-595.24m. Trace disseminated and blebby pyrrhotite from 595.24-595.24m. Gradational lower contact.

WZ-18-179W4	596.86	618.28	21.42	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grain with gabbroic texture. Weak to moderate foliation (40 deg TCA) defined by the matrix of amphibole/biotite and banded alteration. Weak banded to patchy chlorite-sericite-biotite alteration throughout unit. 3-5% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric. 2% minor cm-scale feldspar porphyry dykes observed. Sharp lower contact.
WZ-18-179W4	618.28	619.51	1.23	4B	Feldspar Porphyry	Dark purplish-grey to grey, fine- to coarse-grained feldspar porphyry. Weak to moderate foliation (40 deg TCA) defined by moderate disseminated biotite. 15-20% subhedral feldspar phenocrysts, up to 1 cm wide, weakly stretched and lined. Sharp lower contact.
WZ-18-179W4	619.51	718.06	98.55	1A	Massive Flows	Dark grey, fine- to medium-grained massive flow. Locally grading into coarse-grain with gabbroic texture. Weak to moderate foliation (40 deg TCA) defined by the matrix of amphibole/biotite and banded alteration. Weak banded to patchy chlorite-sericite-biotite alteration throughout unit. 2-3% mm-cm scale quartz carb stringers/veinlets, mostly parallel to fabric. Intermittent millimetric sized garnets in areas. Moderate banded to fracture-controlled chlorite-sericite-alkali feldspar and carbonate alteration with 1% blebby pyrite from 631.5-633.5m.
WZ-18-179W4	718.06	774.6	56.54	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to coarse grained; lesser amounts of fg to mg plagioclase interstitially. Minor foliation. Intermittent calcite and quartz wisps. Occasional pillow selvage formations.
WZ-18-179W4	774.6	798	23.4	1A	Massive Flows	fg to cg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to coarse grained; a finer grained section of the previous unit (6B) with a gradational upper contact. Very weak foliation.
WZ-18-179W4	798	798				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
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	590.61	591.61	1	783068	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	591.61	592.61	1	783069	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	OREAS 216				783070	6.51	6510		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	592.61	593.61	1	783071	0.005	5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	593.61	594.61	1	783072	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	594.61	595.24	0.63	783073	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	595.24	595.86	0.62	783074	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	595.86	596.86	1	783075	0.0025	< 5		
WZ-18-179W4	Wolf Zone	Actlabs	A18-12251	04-Sep-18	24-Sep-18	Assay	596.86	597.86	1	783076	0.0025	< 5		



Hole Number:	WZ-18-188
Drill Rig:	Drill 19
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					Aug 30 2018	Sep-04-2018
<u>Planned Coordinates</u>		Azimuth:	54	Drill Contractor:	Forages Chibougamau Ltée	
Easting	644670					
Northing	5408501	Dip:	-77	Dates Logged:	Start Date:	End Date:
levation(m)	408				Aug 30 2018	Sep-05-2018
<u>Final Pick up</u>		Depth(m):	537.00	Logger 1:	Andrew Wehrfritz	
Easting				Logger 2:		
Northing		Core Size:	NQ	Logger 3:		
levation(m)				Assay Lab:	Actlabs	

Casing		Dip Tests					
Purpose of Hole	Infill drilling of the wolf zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Hole was wedged due to excessively steep dip.	24.0	58.8	-76.9	56275		66.4
		54.0	62.6	-75.9	55789		70.2
		84.0	56.3	-75.6	55538		63.9
		114.0	57.2	-75.2	55558		64.8
		144.0	57.7	-75.2	55757		65.3
		174.0	26.9	-74.6	55715		34.5
		204.0	56.8	-74.3	55721		64.4
		234.0	59.1	-73.8	56416		66.7
Comments		264.0	58.5	-73.7	56636		66.1
		309.0	53.3	-72.8	56292		60.9
		339.0	56.9	-72.8	56377		64.5
		369.0	56.4	-72.5	56450		64
		399.0	54.6	-72.0	56014		62.2
		429.0	55.1	-71.6	56083		62.7
		459.0	54.5	-70.8	56044		62.1
Azimuth corrected to 7.6 degrees west declination		489.0	53.8	-70.9	55878		61.4
		519.0	54.8	-71.1	55745		62.4
			-7.6				
	-7.6						

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-188	0	6	6	CAS	Casing	
WZ-18-188	6	30.3	24.3	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. high degree of natural fracturing from 23 to 24 (10+) and 29.6 to 30.1 (20+).
WZ-18-188	30.3	31.4	1.1	6E	Intermediate Dyke	fg to mg light grey to grey unit with an intermediate composition. Unit composed predominately of fg feldspar and mafics with coarser grained mafics suspended intermittently throughout.
WZ-18-188	31.4	42.12	10.72	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Narrow pink granite intrusion from 39 to 39.1.
WZ-18-188	42.12	46.7	4.58	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture.
WZ-18-188	46.7	75.85	29.15	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Brecciated/stockwork texture in areas caused by hairline white healed fractures. Felsic flooding from 55.23 to 55.85.
WZ-18-188	75.85	81.4	5.55	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. Gabbroic texture in areas.
WZ-18-188	81.4	90.83	9.43	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation.
WZ-18-188	90.83	149.12	58.29	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. Gabbroic texture in areas; associated with interstitial biotite. Calcite and quartz stringers, veinlets intermittently throughout. Occasional pillow selvage formations. Small sections of 6E from 108 to 114. quartz veinlet at 115.4 associated with po. Minor banded biotite alteration from 130m to 132m.
WZ-18-188	149.12	176.82	27.7	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation.
WZ-18-188	176.82	179.56	2.74	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts.
WZ-18-188	179.56	185.12	5.56	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Increased banded biotite alteration at 185m.
WZ-18-188	185.12	189.75	4.63	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Mg mafic crystals suspended intermittently within the groundmass.
WZ-18-188	189.75	221.2	31.45	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Narrow section of intermediate dyke at 203.9m. Banded biotite alteration and millimetric to centimetric garnets from 211.69 to 212.3.
WZ-18-188	221.2	239.31	18.11	6B	Gabbro	fg to cg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to coarse grained. weak to moderate foliation. Coarse grained mafic minerals suspended in a finer mafic ground mass. Lesser amounts of fg grey feldspar interstitially. Intermittent calcite and quartz stringers.
WZ-18-188	239.31	242.2	2.89	1U	Ultramafic Flows	fg to mg, grey to dark grey, mafic unit with a gabbroic texture. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Up to 5 fractures/meter. Minor foliation.
WZ-18-188	242.2	272.85	30.65	7A	Diabase	fg to mg grey mafic unit with centimetric to millimetric sized white feldspar glomerophyes intermittently scattered throughout. Moderate magnetic properties throughout. Composed of predominately mafic minerals as well as a proportion of plagioclase. Unit coarsens slightly with depth and feldspar glomerophyes decrease in size and frequency. high degree of fracturing from 242.2 to 243m and 264 to 272.85 (20+).

WZ-18-188	272.85	274.2	1.35	1U	Ultramafic Flows	fg to mg, grey to dark grey, mafic unit with a gabbroic texture. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Up to 5 fractures/meter. Minor foliation.
WZ-18-188	274.2	282.48	8.28	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. Gabbroic texture in areas. Quartz flooding from 278 to 278.6 associated with a minor amount of sulphides. (<1%). Increased calcite/carbonate alteration from 280 to 282.
WZ-18-188	282.48	301.16	18.68	1UT	Ultramafic Talc/Chlorite Altered	fg, grey to dark grey, mafic unit with a moderate to high degree of talc alteration throughout. Moderate to high magnetic properties. Unit is composed predominately of mafic minerals along with moderate to minor amounts of chlorite. Blocky core; Up to 20 fractures/meter. Moderate to high degree of talc alteration. Minor to no foliation. talc alteration decreases from 285 to 288m
WZ-18-188	301.16	303.42	2.26	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Approximately 2% sulphide stringers throughout composed of po, and py. Some garnets associated with mafic banding.
WZ-18-188	303.42	332	28.58	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. Gabbroic texture in areas. Occasional pillow selvage formations and biotite banding. Increased carbonate alteration from 307 to 309 associated with some blebby po as well as quartz flooding. Unit becomes lighter grey in colour from 310 to 314 as a result of a higher feldspar component in this section.
WZ-18-188	332	333	1	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 2% sulphide stringers throughout composed of po, cpy, and py stringers. Some garnets associated with mafic banding. Highly variable foliation/banding angle.
WZ-18-188	333	341.66	8.66	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. A couple pillow selvage formations.
WZ-18-188	341.66	342.7	1.04	3D	Iron Formation	Fg, light grey and dark green banded unit composed predominately of alternating bands of silica and mafic minerals. Up to 4% sulphide stringers throughout composed of predominately po stringers, and lesser py stringers.
WZ-18-188	342.7	379.38	36.68	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. Narrow seams of granodiorite intersect the unit at 346m.
WZ-18-188	379.38	384.71	5.33	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Light green alteration haloes surrounding healed fractures. Mg mafic minerals suspended intermittently throughout.
WZ-18-188	384.71	401.68	16.97	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation.
WZ-18-188	401.68	403.81	2.13	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Light green alteration haloes surrounding healed fractures. Mg mafic minerals suspended (predominately biotite) throughout.
WZ-18-188	403.81	415.15	11.34	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~5-10% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation.
WZ-18-188	415.15	459.91	44.76	1A	Massive Flows	fg to mg, dark grey to dark green unit, composed primarily of mafics ranging from fine grained to medium grained; massive texture. A couple pillow selvage formations.
WZ-18-188	459.91	461.4	1.49	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Light green alteration haloes surrounding healed fractures. Mg mafic minerals suspended (predominately biotite) throughout.
WZ-18-188	461.4	484.9	23.5	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10-15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and blebby sulphides (<1%) associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation.
WZ-18-188	484.9	487.16	2.26	4B	Feldspar Porphyry	fg to mg, grey unit with a purple hue. Fg biotite and felsic ground mass containing lightly to moderately strained and elongated millimetric white feldspar phenocrysts. Light green alteration haloes surrounding healed fractures. Mg mafic minerals suspended (predominately biotite) throughout.

WZ-18-188	487.16	537	49.84	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. ~10-15% millimetric to centimetric wide light green pillow selvage bands composed of chlorite/epidote. Biotite banding and blebby sulphides (<<1%) associated with some of these selvages. Calcite stringers, wisps sporadically throughout. Moderate foliation. cg calcite veinlets at 489.85, 498.54, 501.5, and 531.5. Narrow section of granite from 525.1 to 525.25.
WZ-18-188	537	537				EOH



Hole Number:

WZ-18-190

Drill Rig:

Drill 20

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					28-Jun-2018	1-Jul-2018	
<u>Planned Coordinates</u>		Azimuth:	69	Drill Contractor:	Foraco Canada Ltd		
Easting	645367.71						
Northing	5408185.32	Dip:	-66	Dates Logged:	Start Date:	End Date:	
Elevation(m)	405.19				30-Jun-2018	2-Jul-2018	
<u>Final Pick up</u>		Depth(m):	300.00	Logger 1:	Sarah Davis		
Easting				Logger 2:			
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)				Assay Lab:	Actlabs		
Casing		Cemented		Dip Tests			
Purpose of Hole	Middle Zone - Shallow Inferred to Indicated Drilling	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		0.0	70.3	-65.2		Planned	76.6
Results	206.16 - 213.35 Middle Zone	18.0	70.3	-65.2	5710	6m stabiliz	77.9
		24.0	68.1	-64.8	5648	6m stabiliz	75.7
		54.0	66.0	-63.5	5636	6m stabiliz	73.6
		84.0	64.0	-62.1	5619	6m stabiliz	71.6
		111.0	63.5	-61.7	5618	6m stabiliz	71.1
		141.0	63.0	-61.2	5616	6m stabiliz	70.6
		174.0	62.7	-60.7	5629	6m stabiliz	70.3
		201.0	62.9	-59.8	5618	6m stabiliz	70.5
Comments		231.0	62.9	-59.4	5594	6m stabiliz	70.5
		261.0	62.0	-59.3	5616	6m stabiliz	69.6
		297.0	61.3	-58.7	5605	6m stabiliz	68.9
Azimuth corrected to 7.6 degrees west declination							

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-190	0.00	5.11	5.11	CAS	Casing	
WZ-18-190	5.11	6.63	1.52	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph; weak sil; irregular contacts w/ mod bi halos; barren
WZ-18-190	6.63	23.24	16.61	1B	Pillowed Flows	Medium grey/greenish; FG; mod-str fol; str banded bi; mod banded/wispy bleaching; mod crb/qtz banding; mod chl alt'd selvedges; barren
WZ-18-190	23.24	30.45	7.21	6B	Gabbro	Medium-dark grey/green; MG; mod-str fol; mod interstitial crb/ser bleaching/mod interstitial bi; minor granodiorite dyklets under 25cm
WZ-18-190	30.45	31.48	1.03	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	31.48	44.11	12.63	6B	Gabbro	Medium-dark grey/green; MG; mod-str fol; mod interstitial crb/ser bleaching/mod interstitial bi; minor granodiorite dyklets under 10cm
WZ-18-190	44.11	47.23	3.12	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	47.23	55.10	7.87	1Z	Gabbroic with gradational contacts	Medium-dark grey/green; FG-MG; mod-str fol; mod interstitial crb/ser bleaching; mod interstitial bi; blebby qtz/crb/albite clusters; barren
WZ-18-190	55.10	56.51	1.41	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	56.51	76.00	19.49	1A	Massive Flows	Medium grey/greenish and brown; FG-MG; mod-str fol; str banded bi; mod banded/wispy bleaching; mod crb/qtz banding; mod pervasive chl; barren
WZ-18-190	76.00	77.08	1.08	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	77.08	83.40	6.32	1A	Massive Flows	Medium grey/greenish and brown; FG-MG; mod-str fol; str banded bi; mod banded/wispy bleaching; mod crb/qtz banding; mod pervasive chl; barren
WZ-18-190	83.40	104.40	21.00	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	104.40	112.85	8.45	1Z	Gabbroic with gradational contacts	Medium-dark grey/green; MG; mod-str fol w/ lcl sheared zones; mod interstitial crb/ser bleaching; mod interstitial bi; <15cm qtz/crb/5B/albite dyklets; barren
WZ-18-190	112.85	123.30	10.45	6B	Gabbro	Medium-dark grey/green; MG; mod-str fol w/ lcl sheared zones; mod interstitial crb/ser bleaching; mod interstitial bi; <15cm qtz/crb/5B/albite dyklets; barren
WZ-18-190	123.30	124.35	1.05	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	124.35	126.00	1.65	6B	Gabbro	Medium-dark grey/green; MG; mod-str fol w/ lcl sheared zones; mod interstitial crb/ser bleaching; mod interstitial bi; <15cm qtz/crb/5B/albite dyklets; barren
WZ-18-190	126.00	128.80	2.80	5B	Granodiorite	White w/ 20% grey flecks; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; weak sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	128.80	144.00	15.20	6B	Gabbro	Medium-dark grey/green; MG; mod-str fol w/ lcl sheared zones; mod interstitial crb/ser bleaching; mod interstitial bi; <15cm qtz/crb/5B/albite dyklets; barren
WZ-18-190	144.00	162.18	18.18	1A	Massive Flows	Medium-dark grey/green; FG; mod fol; mod banded chl/ser; 1-2% qtz veins; weak pervasive chl; trace stringer crb; weak banded bi; ; barren to trace sulphides
WZ-18-190	162.18	168.17	5.99	5B	Granodiorite	White/grey w/ 40% grey flecks and cloudy silicious alteration; MG; mod fol; mod bi/amph interstitial w/ ~1cm amphibole crystal clusters; mod-str sil; very irregular contacts w/ mod-str bi halos; barren
WZ-18-190	168.17	186.08	17.91	1Z	Gabbroic with gradational contacts	Medium grey/green; FG grades into MG/CG; mod fol; mod banded chl/ser; 1-2% qtz veins; weak pervasive chl; trace stringer crb; weak banded bi; barren to trace sulphides; 4% dyklet 5B/6E w/ very irregular contacts
WZ-18-190	186.08	192.71	6.63	1B	Pillowed Flows	Medium grey; FG; mod fol; mod chl alt'd selvedges almost conglomerate look but not clastic; mod sil; mod banded qtz/ser; lcl fractured alt'n veins; barren
WZ-18-190	192.71	203.11	10.40	1A	Massive Flows	Medium grey; FG-MG; weak fol; trace stringer crb; trace banded and horsetailed 5B; minor 6E; minor 5B barren
WZ-18-190	203.11	206.16	3.05	1ALT	Altered Mafic Volcanic	Medium-dark and light grey/brown/beige/green; FG; str fol; weak-mod mottled alt'n; mod banded bi/ser/act/chl/qtz; 2-6% lcl sulphides; mod banded qtz veins and flooding
WZ-18-190	206.16	206.50	0.34	QV	Quartz Vein	Smokey grey/purple flooded qtz; str banded bi/ser/albite on contacts and mod banding within; 3% disseminated sulphides
WZ-18-190	206.50	206.87	0.37	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod fol; mod hairline fractures w/ ser alt'n; mod-str sil; 10-15% banded 1ALT; 2% lcl sulphides
WZ-18-190	206.87	208.37	1.50	5B	Granodiorite	Medium grey/white purple; MG; mod fol; 30-40% amph/bi speckled; 2% amphibole inclusions; barren
WZ-18-190	208.37	209.28	0.91	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod fol; trace hairline fractures w/ ser alt'n; mod-str sil; 10-15% banded 1ALT; 2-5% lcl sulphides
WZ-18-190	209.28	211.09	1.81	1ALT	Altered Mafic Volcanic	Medium-dark and light grey/brown/beige/green; FG; str fol; weak-mod mottled alt'n; mod-str banded bi/ser/act/chl/qtz/diopside/epidote; 2% lcl sulphides; weak banded qtz veins and flooding

WZ-18-190	211.09	211.39	0.30	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod fol; mod-str sil; trace banded albite; barren
WZ-18-190	211.39	211.74	0.35	1ALT	Altered Mafic Volcanic	Dark grey/brown/green; FG; str fol; weak-mod mottled alt'n; mod-str banded bi/act/chl; 3% sulphides; weak banded qtz vein
WZ-18-190	211.74	212.05	0.31	4ALT	Altered Feldspar Porphyry	In a granodiorite dyke with a 5cm massive QV
WZ-18-190	212.05	212.90	0.85	1ALT	Altered Mafic Volcanic	Dark grey/brown/green; FG; str fol; weak-mod mottled alt'n; mod-str banded and mottled bi/act/chl; 1% sulphides
WZ-18-190	212.90	213.35	0.45	QV	Quartz Vein	Irregular patchy grey smokey qtz; CG; w/ rafted bi/amph; 3-5% sulphides
WZ-18-190	213.35	216.39	3.04	1ALT	Altered Mafic Volcanic	Medium-dark and light grey/brown/beige/green; FG; str fol; weak-mod mottled alt'n; mod-str banded bi/ser/act/chl/qtz; 2% lcl sulphides; weak banded qtz veins and flooding
WZ-18-190	216.39	219.26	2.87	1A	Massive Flows	Medium grey/green/brown; FG; mod fol; mod banded/interstitial bi; weak chl; weak-mod interstitial crb; mod stringer crb; trace-2% lcl sulphides
WZ-18-190	219.26	220.23	0.97	1ALT	Altered Mafic Volcanic	Medium-dark and light grey/brown/beige/green; FG; mod fol; weak mottled alt'n; weak-mod banded bi/ser/act/chl/qtz; 8% lcl sulphides; weak-mod banded qtz veins and flooding
WZ-18-190	220.23	226.60	6.37	1A	Massive Flows	Medium grey/green/brown; FG; mod-str fol; mod-str lcl banded/interstitial bi; weak chl; weak-mod interstitial crb; mod stringer crb; trace-2% lcl sulphides
WZ-18-190	226.60	231.10	4.50	1M	Mafic Debris Flow	Medium green/grey; FG-CG; 15% stringer gabbros; fragmental; patchy; mod fol; trace PY
WZ-18-190	231.10	246.60	15.50	6B	Gabbro	Medium green; FG-CG varying grainsize with sections of very CG; str local biotite flooded alt'n; weak fol; 15-20% pegmatitic minors and fragments/flooding; barren
WZ-18-190	246.60	249.20	2.60	1M	Mafic Debris Flow	Breccia associated with pegmatite/granodiorite intrusion; strongly fragmental 1UT and 6B w/ very strong biotite patches; biotite is 50-60% of fragmental section with host xenoliths some rounded edges some angular breaks; str chl; str talc; str mag alt'n; barren
WZ-18-190	249.20	255.84	6.64	6B	Gabbro	Medium green; FG-CG varying grainsize with sections of very CG; str local biotite flooded alt'n; weak fol; 15-20% pegmatitic minors and fragments/flooding; barren
WZ-18-190	255.84	262.60	6.76	1M	Mafic Debris Flow	Green and brown and bluish grey; brecciated; strongly fragmental 1UT and 6B w/ very strong biotite patches; biotite is 20% of fragmental section with host xenoliths some rounded edges some angular breaks; str chl; str talc; str mag alt'n; barren
WZ-18-190	262.60	269.94	7.34	6B	Gabbro	Medium green; FG-CG varying grainsize with sections of very CG; str local biotite flooded alt'n; weak fol; 15-20% pegmatitic minors and fragments/flooding; barren
WZ-18-190	269.94	282.38	12.44	1UT	Ultramafic Talc/Chlorite Altered	Light grey/blue; FG; mod fol; str chl; very str talc; str mag; str patchy bi; strongly fragmental and brecciated; euhedral pyrite disseminated throughout ~1-2%
WZ-18-190	282.38	290.82	8.44	6B	Gabbro	Medium green; FG-CG varying grainsize with sections of very CG; str local biotite flooded alt'n; weak fol; 15-20% pegmatitic minors and fragments/flooding; barren
WZ-18-190	290.82	294.95	4.13	5B	Granodiorite	Pinkish/orange/red; w/ white and black specks; MG; mod fol; generally uniform w/ 2% amphibole inclusions; Irregular contacts with horsetailing and banding; strong potassic alt'n in upper metre; weak to no potassic alt'n in next 1.5m; minor 6B followed by very strong potassic alt'n and qtz vein at lower contact; barren
WZ-18-190	294.95	300.00	5.05	6B	Gabbro	Medium green; FG-CG varying grainsize with sections of very CG; str local biotite flooded alt'n; weak fol; 15-20% pegmatitic minors and fragments/flooding; barren
WZ-18-190	300.00					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
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	202.11	203.11	1.00	596785	0.996	996		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	203.11	203.47	0.36	596786	0.036	36		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	203.47	204.47	1.00	596787	0.161	161		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	204.47	205.47	1.00	596788	0.264	264		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	205.47	206.16	0.69	596789	0.16	160		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	OREAS 215				596790	3.5	3500		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	206.16	206.50	0.34	596791	0.702	702		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	206.50	206.87	0.37	596792	0.355	355		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	206.87	207.65	0.78	596793	0.005	5		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	207.65	208.37	0.72	596794	0.006	6		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	208.37	209.28	0.91	596795	0.498	498		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	209.28	210.28	1.00	596796	0.101	101		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	210.28	211.09	0.81	596797	0.097	97		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	211.09	211.39	0.30	596798	0.036	36		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	211.39	211.74	0.35	596799	0.182	182		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Blank				596800	0.0025	< 5		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	211.74	212.05	0.31	596801	0.02	20		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	212.05	212.90	0.85	596802	0.213	213		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	212.90	213.35	0.45	596803	58.8	> 10000	84.1	58.8
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	213.35	214.35	1.00	596804	0.523	523		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	214.35	215.35	1.00	596805	0.131	131		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	215.35	216.00	0.65	596806	0.036	36		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	216.00	216.39	0.39	596807	0.035	35		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	216.39	217.39	1.00	596808	0.045	45		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	217.39	218.39	1.00	596809	0.018	18		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	OREAS 210				596810	5.53	5530		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	218.39	219.26	0.87	596811	0.014	14		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	219.26	220.23	0.97	596812	0.083	83		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	220.23	221.23	1.00	596813	0.014	14		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	221.23	222.23	1.00	596814	0.031	31		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	222.23	223.23	1.00	596815	0.057	57		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	223.23	224.23	1.00	596816	0.014	14		
WZ-18-190	Middle Zone	Actlabs	A18-09450	19-Jul-18	10-Aug-18	Assay	224.23	225.23	1.00	596817	0.01	10		



Hole Number:	WZ-18-191
Drill Rig:	Drill 20
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					2-Jul-2018	5-Jul-2018
<u>Planned Coordinates</u>		Azimuth:	73	Drill Contractor:	Foraco Canada Ltd	
Easting	645367.71					
Northing	5408185.32	Dip:	-76	Dates Logged:	Start Date:	End Date:
Elevation(m)	405.19				3-Jul-2018	5-Jul-2018
<u>Final Pick up</u>		Depth(m):	351.00	Logger 1:	Sarah Davis	
Easting					Logger 2:	Jordan Keir-Sage
Northing		Core Size:	NQ	Logger 3:		
Elevation(m)					Assay Lab:	Actlabs

Casing		Dip Tests						
Purpose of Hole	Infer to Ind drilling of Middle Zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.	
Results	Zone intersected between 251.40 -257.64. alternating zones of 4ALT and 1ALT. A 33 cm quartz vein was intercepted within the zone. 5-10% of sulphides (PY/PO) noted within the zone	0.0	76.1	-76.1		Planned		
		20.0	76.1	-76.1	5608	3m Hex; 18	83.7	
		51.0	70.2	-74.7	5642	6m Hex; 18	77.8	
		81.0	67.6	-74.0	5624	6m Hex; 18	75.2	
		111.0	67.8	-73.7	5627	6m Hex; 18	75.4	
		141.0	67.1	-73.6	5623	6m Hex; 18	74.7	
		171.0	67.1	-73.3	5616	6m Hex; 18	74.7	
		201.0	66.8	-73.2	5620	6m Hex; 18	74.4	
Comments	Jordan Keir-Sage started logging at 124 m	231.0	67.4	-72.8	5618	6m Hex; 18	75	
		261.0	66.2	-71.3	5571	6m Hex; 18	73.8	
		291.0	69.4	-70.4	5636	6m Hex; 18	77	
		321.0	67.1	-70.3	5561	6m Hex; 18	74.7	
		351.0	66.3	-70.1	5592	6m Hex; 18	74.7	
				-7.6				
				-7.6				
				-7.6				
Azimuth corrected to 7.6 degrees west declination				-7.6				
				-7.6				
				-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-191	0.00	4.49	4.49	CAS	Casing	
WZ-18-191	4.49	5.62	1.13	1A	Massive Flows	Medium-dark grey; FG; mod fol; trace stringer crb; mod banded bi; barren
WZ-18-191	5.62	8.45	2.83	5B	Granodiorite	White w/ grey/black speckling; FG-MG; mod fol; 20% amph/bi specks; mod 2-5% amph/bi fragment inclusions (altered wall rock inclusions) throughout; barren
WZ-18-191	8.45	27.42	18.97	1B	Pillowed Flows	Medium grey/green; FG; str fol; str banded chl alt'd selvages mod stringer/banded crb; weak-mod speckled garnets; mod banded bi; mod banded bleaching; barren
WZ-18-191	27.42	54.81	27.39	6B	Gabbro	Dark green/grey; MG; mod fol; trace albite/Qtz veinlets; trace interstitial crb; mod patchy/wispy sericite bleaching; barren
WZ-18-191	54.81	72.88	18.07	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; 2-5% albite/Qtz veinlets; trace interstitial crb; weak patchy/wispy sericite bleaching; trace lcl speckled garnets; minor 5Bs; mod pervasive chl; barren
WZ-18-191	72.88	79.05	6.17	5B	Granodiorite	White w/ grey/black speckling; FG-MG; mod fol; 20% amph/bi specks; mod 2-5% amph/bi fragment inclusions (altered wall rock inclusions) throughout; barren
WZ-18-191	79.05	82.38	3.33	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; 2-5% albite/Qtz veinlets; trace interstitial crb; weak patchy/wispy sericite bleaching; trace lcl speckled garnets; minor 5Bs; mod pervasive chl; barren
WZ-18-191	82.38	87.30	4.92	5B	Granodiorite	White w/ grey/black speckling; FG-MG; mod fol; 20% amph/bi specks; mod 2-5% amph/bi fragment inclusions (altered wall rock inclusions) throughout; barren
WZ-18-191	87.30	99.27	11.97	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; 2-5% albite/Qtz veinlets; trace interstitial crb; weak patchy/wispy sericite bleaching; trace lcl speckled garnets; minor 5Bs; mod pervasive chl; barren
WZ-18-191	99.27	124.80	25.53	5B	Granodiorite	White w/ grey/black speckling; FG-MG; mod fol; 20% amph/bi specks; mod 2-5% amph/bi fragment inclusions (altered wall rock inclusions) throughout; barren
WZ-18-191	124.80	129.00	4.20	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; 2-5% albite/Qtz veinlets; trace interstitial crb; weak patchy/wispy sericite bleaching; trace lcl speckled garnets; minor 5Bs; mod pervasive chl; barren
WZ-18-191	129.00	137.42	8.42	5B	Granodiorite	White w/ grey/black speckling; FG-MG; mod fol; 20% amph/bi specks; mod 2-5% amph/bi fragment inclusions (altered wall rock inclusions) throughout; barren
WZ-18-191	137.42	139.05	1.63	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	139.05	167.12	28.07	6B	Gabbro	fine grained to coarse grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	167.12	186.84	19.72	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	186.84	205.70	18.86	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	205.70	207.24	1.54	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	207.24	211.58	4.34	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	211.58	219.36	7.78	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	219.36	222.58	3.22	6B	Gabbro	fine grained to coarse grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	222.58	228.58	6.00	1B	Pillowed Flows	fine grained grey greenish moderate foliation patchy biotite/epidote. Wispy Qtz/calcite stringers 1% of unit. Gradational lower contact
WZ-18-191	228.58	230.84	2.26	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	230.84	233.58	2.74	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	233.58	236.97	3.39	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	236.97	251.40	14.43	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	251.40	251.79	0.39	4ALT	Altered Feldspar Porphyry	Purplish grey/green banded feldspar porphyries banded sericite pervasive silicification and biotite 5-10% PY/PO
WZ-18-191	251.79	253.50	1.71	1ALT	Altered Mafic Volcanic	Dark green purplish grey banded altered mafic flows. Bands of chlorite carbonates sericite and biotite. 5% sulphides (PY/PO) some silicification
WZ-18-191	253.50	254.22	0.72	4ALT	Altered Feldspar Porphyry	Purplish grey/green banded feldspar porphyries banded sericite pervasive silicification and biotite 5-10% PY/PO

WZ-18-191	254.22	254.55	0.33	QV	Quartz Vein	Smokey grey coarse grained qtz vein sulfides are located mainly through out contacts
WZ-18-191	254.55	254.80	0.25	4ALT	Altered Feldspar Porphyry	Purplish grey/green banded feldspar porphyries banded sericite pervasive silicification and biotite 5-10% PY/PO
WZ-18-191	254.80	255.74	0.94	1ALT	Altered Mafic Volcanic	Dark green purplish grey banded altered mafic flows. Bands of chlorite carbonates sericite and biotite. 5% sulphides (PY/PO) some silicification
WZ-18-191	255.74	255.90	0.16	4ALT	Altered Feldspar Porphyry	Purplish grey/green banded feldspar porphyries banded sericite pervasive silicification and biotite 5-10% PY/PO
WZ-18-191	255.90	257.64	1.74	1ALT	Altered Mafic Volcanic	Dark green purplish grey banded altered mafic flows. Bands of chlorite carbonates sericite and biotite. 5% sulphides (PY/PO) some silicification
WZ-18-191	257.64	264.45	6.81	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	264.45	270.48	6.03	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	270.48	273.70	3.22	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp contact
WZ-18-191	273.70	274.90	1.20	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation. Sharp lower contact
WZ-18-191	274.90	295.86	20.96	1Z	Gabbroic with gradational contacts	fine grained to coarse grained dark grey to dark green unit. Grain size is variable at upper contact. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 5b intrusions. sharp lower contact
WZ-18-191	295.86	304.35	8.49	1UT	Ultramafic Talc/Chlorite Altered	Dark greenish grey very fine grained ultramafic no foliation talc filled fractures pervasive chlorite alteration rims of biotite alteration variably magnetic possible gabbro clasts? Large sub-euhedral pyrite 4 cm in size located at 303 45 m minor fault gouging at 297.
WZ-18-191	304.35	349.45	45.10	1Z	Gabbroic with gradational contacts	fine grained to coarse grained dark grey to dark green unit. Grain size is variable at upper contact. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Minor 4E intrusions carried minor molybdenum. sharp lower contact
WZ-18-191	349.45	351.00	1.55	5B	Granodiorite	White grey medium to coarse grained granodiorite no foliation very weak pervasion foliation.

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
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	250.40	251.40	1.00	596818	0.246	246		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	251.40	251.79	0.39	596819	0.895	895		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Blank			0.00	596820				
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	251.79	252.79	1.00	596821	0.225	225		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	252.79	253.50	0.71	596822	0.299	299		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	253.50	254.22	0.72	596823	0.767	767		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	254.22	254.85	0.63	596824	3.59	3650	3.59	
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	254.85	255.74	0.89	596825	0.205	205		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	255.74	256.43	0.69	596826	0.683	683		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	256.43	257.10	0.67	596827	0.161	161		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	257.10	257.64	0.54	596828	0.346	346		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	257.64	258.49	0.85	596829	2.14	2140		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	OREAS 216			0.00	596830	6.53	6530		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	258.49	259.49	1.00	596831	0.311	311		
WZ-18-191	Middle Zone	Actlabs	A18-10050	30-Jul-18	03-Sep-18	Assay	259.49	260.49	1.00	596832	0.081	81		



		Hole Number:		WZ-18-192					
		Drill Rig:		Drill 20					
		Claim Number:							
Location		Drill Hole Orientation		Dates Drilled:		Start Date:		End Date:	
Surface				6-Jun-2018		6-Jun-2018			
<u>Planned Coordinates</u>		Azimuth:	33	Drill Contractor:		Foraco Canada Ltd			
Easting	645413.53								
Northing	5408071.08	Dip:	-60	Dates Logged:		Start Date:		End Date:	
Elevation(m)	413.14					6-Jun-2018		12-Jun-2018	
<u>Final Pick up</u>		Depth(m):	297.00	Logger 1:		Shane Moran			
Easting						Logger 2:			
Northing		Core Size:	NQ	Logger 3:					
Elevation(m)						Assay Lab:		Actlabs	
Casing				Dip Tests					
Purpose of Hole	MZ delineation			Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		0.0	-7.6	-59.2		Planned			
Results	247.38-256.27: Alternating 1ALT and 4ALT units; 1ALTs have moderate quartz banding and flooding and 1-10% disseminated and massive pyrrhotite and pyrite decreasing with depth; 4ALTs have moderate stringer quartz and albite and are barren.	30.0	33.0	-59.2	5647		40.6		
		60.0	33.2	-57.3	6312	6m hex 18	36		
		90.0	33.4	-56.7	5610	6m hex 18	41		
		120.0	33.2	-55.9	5613	6m hex 18	40.8		
		150.0	33.8	-55.2	5608		41.4		
		180.0	34.0	-54.8	5612		41.6		
		210.0	34.5	-53.9	5639		42.1		
		240.0	36.3	-53.0	5623		43.9		
Comments	Shane logged top of hole to 148. Sarah logged 148 to EOH.	270.0	37.3	-52.0	5598	6m hex 18	44.9		
			-7.6						
			-7.6						
			-7.6						
			-7.6						
			-7.6						
			-7.6						
Azimuth corrected to 7.6 degrees west declination			-7.6						
			-7.6						
			-7.6						

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-192	0.00	7.55	7.55	CAS	Casing	
WZ-18-192	7.55	32.87	25.32	1B	Pillowed Flows	Light to med greenish grey; FG; wk banded ser alt'n; wk-mod bio haloes; wk cb haloes; chl ep alt; wk speckled garnet visible boudin of alt halos w gt; wk mod foln 50°ca; qtz stringer <1cm; tr Po Py (<1%); 1-10% qtz cb infill 1-30 mill in width frac fill @0-70°ca; 16.72-17.64 stg qtz cb infill 20-25%; 17.9-19.10 rock is oxidized (rust) vugged w visible sulphides and cb in matrix; qtz vein bull quartz clear/white w minor chl infill cts 60°ca; lct 50°ca
WZ-18-192	32.87	33.58	0.71	4ALT	Altered Feldspar Porphyry	mottled appearance; Light whitish grey/mottled; VFG-FG; minor intermingling w fracture filling qtz flooding 1b alt 10-20% qtz 20-40% 4alt py 3-5% po 1-3% sp.5-1 gn 1-2% fg diss and frac fill; foln 60°ca; lct50°ca
WZ-18-192	33.58	42.72	9.14	1B	Pillowed Flows	Light to med greenish grey; FG; wk banded ser altn; wk-mod bi haloes; wk cb haloes; chl ep alt; wk speckled garnet visible boudin of alt halos w gt; wk mod foln 50°ca; qtz stringer <1cm; tr Po Py (<1%); 1-10% qtz cb infill 1-30 mill in width frac fill; Quartz vein barren 37.77-38.40 chl frac fill 50°ca; lct 50°ca
WZ-18-192	42.72	44.60	1.88	1A	Massive Flows	Med greenish grey; FG-MG; wk-mod fol; wk crb stringers; mod chl; barren; foln 50°ca; lct 50°ca
WZ-18-192	44.60	59.90	15.30	1B	Pillowed Flows	Med greenish grey; FG; mod fol 50°ca; 5% mod-str patchy/banded ser-act-qtz-crb alt'n zones; mod chl alt'd selvages; qtz stringer <1cm; qtz flooding up to 4cm; mn speckled garnet; frac zone 44.60 down 0-90 1-3mil w visible crenulation of some str; barren
WZ-18-192	59.90	65.90	6.00	1A	Massive Flows	Med greenish grey; FG-MG; wk-mod fol; wk crb stringers; mod chl; barren; foln 50°ca; lct 50°ca
WZ-18-192	65.90	78.78	12.88	1B	Pillowed Flows	Med greenish grey; FG; mod fol 60°ca; 35% mod-str patchy/banded ser-act-ep alt'n zones; mod chl alt'd selvages; qtz flooding up to 5cm; wk-mod speckled garnet; trce PoPy (<1%); qtz vn 65.46-66.55 50°ca; qv 66.65-66.58 50°ca; 4B w alt on cts 67.62-68.16 60°ca; lct 60°ca
WZ-18-192	78.78	82.40	3.62	1A	Massive Flows	Med greenish grey; FG-MG; wk-mod fol; wk crb stringers; mod chl; barren; foln 60°ca; 1B 81.10-81.35 60°ca; ; lct 60°ca
WZ-18-192	82.40	107.33	24.93	6B	Gabbro	Med Green/grey; MG-CG; wk fol 60°ca; w/ qtz stringer up to 2cm; barren; 83.1-81.35 qtz vn barren 60°ca; qtz vnlt 81.40-81.45 60°ca crenulated deformation; 84.25-24.30 5B 50°ca; 5B 84.46-84.92 50°ca; 5B 90.38-90.50 50°ca; 5B 92.40-92.53 50°ca; 5B 92.78-93.58 50°ca; 5B 93.82-93.91 50°ca; 5B 96.27-97.06 50°ca; 5B 101.35-101.75 50°; 103.55-105.90 contact alt halo ep chl alt frac control qtz cb infill 1-6% stg deformation closed; 105.90-107.33 unaltered 6B 1a; lct 20°ca
WZ-18-192	107.33	113.30	5.97	5B	Granodiorite	mg-cg unit w stg na-spar white matrix w blk oxides xtals; minor 6B 110.6-111.24 40°ca; lct 40°ca sharp
WZ-18-192	113.30	148.23	34.93	6B	Gabbro	Med Green/grey; MG-CG; wk fol; w/ qtz stringer up to 6cm; with zones of very strong bi alt'n; barren; foln wk to no 60°ca; 5B 113.93-114.10 40°ca; 5B 116.70-117.78 uct 30° lct 50°ca; 5B 118.19-118.24 50°ca; 5B 120.32-.120.65 uct60°ca
WZ-18-192	148.23	150.43	2.20	5B	Granodiorite	Greyish white w/ 30% mafic speckling; mod albite speckling; MG; weak fol; strong/irregular contacts; mod to strong silicified; barren
WZ-18-192	150.43	152.68	2.25	6B	Gabbro	Medium-dark green/grey; MG; weak-mod fol; trace stringer crb; mod banded albite and granodiorite dykelets and stringers! 2% qtz veining; mod interstitial lcl bi; mod pervasive chl; barren
WZ-18-192	152.68	154.27	1.59	5B	Granodiorite	Greyish white w/ 30% mafic speckling; mod albite speckling; MG; weak fol; strong/irregular contacts; mod to strong silicified; barren
WZ-18-192	154.27	167.11	12.84	6B	Gabbro	Medium-dark green/grey; MG; weak-mod fol; trace stringer crb; mod banded albite and granodiorite dykelets and stringers! 2% qtz veining; mod interstitial lcl bi; mod pervasive chl; barren
WZ-18-192	167.11	168.62	1.51	1ALT	Altered Mafic Volcanic	Medium-dark green grades to light green and purple banding then back to medium and dark green banding; FG; str fol; mod sil banding w/ banded <5cm 4ALT and qtz flooding; 5% disseminated euhedral and blebby PY
WZ-18-192	168.62	201.28	32.66	6B	Gabbro	Medium-dark green/grey; MG; weak-mod fol grades into str fol and mod shearing with strong bi banding; trace stringer crb; mod banded albite and granodiorite dykelets and stringers and minors; 2% qtz veining; mod interstitial lcl bi; mod pervasive chl; barren; 180-190m has possible glass/ash clusters (if extrusive and not just sheared gabbro) or strongly alt'd wall rock fragments ripped into gabbroic body
WZ-18-192	201.28	202.47	1.19	5B	Granodiorite	White and grey; MG; weak-mod fol; str amph/bi speckling; barren
WZ-18-192	202.47	223.27	20.80	6B	Gabbro	Medium green/grey; MG-CG; mod fol; trace stringer crb; strong interstitial bi; minor 5B units; barren
WZ-18-192	223.27	233.44	10.17	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod stringer crb; mod banded chl; trace banded; 2-5% qtz banding; trace sulphides
WZ-18-192	233.44	247.38	13.94	1M	Mafic Debris Flow	Medium green/grey; MG-CG; mod fol; trace stringer crb; strong interstitial bi; minor 5B units; fragmental wall rock inclusions; angular patchy dioritic fragments; barren
WZ-18-192	247.38	248.32	0.94	1ALT	Altered Mafic Volcanic	Dark green/light green/beige/brown/purple; FG; str fol; str bi; mod qtz flooding; 7-10% disseminated and massive PO and PY
WZ-18-192	248.32	249.00	0.68	4ALT	Altered Feldspar Porphyry	Medium-dark purple; FG w/ stringer wormy qtz/albite veinlets; mod sil; barren

WZ-18-192	249.00	253.50	4.50	1ALT	Altered Mafic Volcanic	Dark green/light green/beige/brown/purple; FG; str fol; str bi; mod qtz flooding and sil banding; 3% disseminated and massive PO and PY
WZ-18-192	253.50	253.90	0.40	4ALT	Altered Feldspar Porphyry	Medium-dark purple; FG w/ stringer wormy qtz/albite veinlets; mod sil; w/ 5cm 5B; barren
WZ-18-192	253.90	256.27	2.37	1ALT	Altered Mafic Volcanic	Dark green/light green/beige/brown/purple; FG; str fol; str bi; mod qtz flooding and very str sil banding; 1-2% disseminated and massive PO and PY
WZ-18-192	256.27	259.93	3.66	5H	Shear	Medium green/grey/brown; FG; very str fol; str shear; very str bi; str chl; patchy 5B dykelets; trace masked PO
WZ-18-192	259.93	275.86	15.93	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod stringer crb; mod banded chl; trace banded; 2-5% qtz banding; trace sulphides
WZ-18-192	275.86	282.89	7.03	5B	Granodiorite	White and grey; MG; weak-mod fol; str amph/bi speckling; barren
WZ-18-192	282.89	297.00	14.11	1A	Massive Flows	Medium green/grey/bluish; FG-MG; mod fol; lcl mod-str shear; w/ 5B minors and <20cm units; 4% banded/stringer qtz and crb; trace stringer sulphides
WZ-18-192	297.00				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
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	31.87	32.87	1.00	596549	0.005	5		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	OREAS 215				596550	3.41	3410		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	32.87	33.58	0.71	596551	0.005	5		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	33.58	34.58	1.00	596552	0.005	5		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	166.11	167.11	1.00	596553	0.014	14		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	167.11	168.00	0.89	596554	0.349	349		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	168.00	168.62	0.62	596555	0.019	19		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	168.62	169.62	1.00	596556	0.006	6		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	246.38	247.38	1.00	596557	0.04	40		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	247.38	248.32	0.94	596558	2.05	2050		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	248.32	249.00	0.68	596559	0.146	146		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Blank				596560	0.0025	< 5		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	249.00	249.75	0.75	596561	0.24	240		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	249.75	250.20	0.45	596562	0.777	777		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	250.20	251.00	0.80	596563	0.851	851		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	251.00	252.00	1.00	596564	1.53	1530		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	252.00	253.00	1.00	596565	0.264	264		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	253.00	253.50	0.50	596566	0.198	198		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	253.50	253.90	0.40	596567	0.077	77		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	253.90	254.90	1.00	596568	0.161	161		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	254.90	255.60	0.70	596569	0.106	106		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	OREAS 210				596570	5.4	5400		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	255.60	256.27	0.67	596571	0.056	56		
WZ-18-192	Middle Zone	Actlabs	A18-08265	26-Jun-18	20-Jul-18	Assay	256.27	257.27	1.00	596572	0.039	39		




		Hole Number:	WZ-18-193				
		Drill Rig:	Drill 20				
		Claim Number:					
Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					10-Jun-2018	14-Jun-2018	
<u>Planned Coordinates</u>		Azimuth:	48	Drill Contractor:	Foraco Canada Ltd		
Easting	645413.53						
Northing	5408071.08	Dip:	-62	Dates Logged:	Start Date:	End Date:	
Elevation(m)	413.14				12-Jun-2018	14-Jun-2018	
<u>Final Pick up</u>		Depth(m):	363.00	Logger 1:	Sarah Davis		
Easting							
Northing		Core Size:	NQ	Logger 2:			
Elevation(m)							
Casing				Logger 3:			
				Assay Lab:	Actlabs		
				Dip Tests			
Purpose of Hole	Bringing Inferred to indicated in Middle Zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		0.0	48.0	-62.0		Planned	55.6
Results	4ALT at 312.47-315.80: Moderate alteration with trace speckled pyrite 4ALT at 320.93-322.60: Moderate foliation with moderate albite banding; barren 4ALT at 329.58-330.95: Moderate foliation with moderate albite banding; barren	23.0	49.4	-62.5	5644		57
		51.0	50.1	-61.5	5593		57.7
		81.0	50.7	-60.6	5656	6m stab; 1	54.4
		111.0	51.2	-58.7	5616	6m stab; 1	58.8
		141.0	51.8	-58.2	5608		59.4
		171.0	54.8	-57.4	5647		62.4
		201.0	52.5	-56.8	5606	6m stab; 1	60.1
		231.0	53.0	-55.6	5615		60.6
Comments		261.0	53.2	-54.8	5595		60.8
		291.0	53.5	-54.1	5603	6m stab; 1	61.1
		321.0	53.5	-53.0	5583	6m stab; 1	61.1
			-7.6				
			-7.6				
			-7.6				
			-7.6				
			-7.6				
Azimuth corrected to 7.6 degrees west declination							

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-193	0.00	6.65	6.65	CAS	Casing	
WZ-18-193	6.65	32.97	26.32	1B	Pillowed Flows	Medium green/grey; FG; str fol; str banding; str speckled garnets; str chl alt'd selvages; mod crb/ser banding; very trace sulphides
WZ-18-193	32.97	34.20	1.23	1A	Massive Flows	Medium green/beige/light green mottled banding; str chl/bi/ser; str fol; FG; trace sulphides
WZ-18-193	34.20	43.82	9.62	1B	Pillowed Flows	Medium green/grey; FG; str fol; str banding; str speckled garnets; str chl alt'd selvages; mod crb/ser banding; very trace sulphides
WZ-18-193	43.82	44.86	1.04	4B	Feldspar Porphyry	Medium purple/grey; FG g.mass w/ 40% MG weakly corroded weakly elongated fsp phenos; mod-str fol w/ 10cm str shear; str ser flooding; mod-str sil; barren
WZ-18-193	44.86	57.00	12.14	1B	Pillowed Flows	Medium green/grey; FG; str fol; str banding; str speckled garnets; str chl alt'd selvages; mod crb/ser banding; very trace sulphides
WZ-18-193	57.00	58.21	1.21	1A	Massive Flows	Medium green/beige/light green mottled banding; str chl/bi/ser; str fol; FG; trace sulphides
WZ-18-193	58.21	59.21	1.00	1B	Pillowed Flows	Medium green/grey; FG; str fol; str banding; str speckled garnets; str chl alt'd selvages; mod crb/ser banding; very trace sulphides
WZ-18-193	59.21	60.03	0.82	QV	Quartz Vein	Massive white bull qtz w/ albite and chl clusters; CG; barren
WZ-18-193	60.03	61.62	1.59	1B	Pillowed Flows	Medium green/grey; FG; str fol; str banding; str speckled garnets; str chl alt'd selvages; mod crb/ser banding; very trace sulphides
WZ-18-193	61.62	69.80	8.18	1A	Massive Flows	Medium-dark green; FG-MG; weak-mod fol; trace crb banding; barren
WZ-18-193	69.80	76.60	6.80	3C	Conglomerate	Medium green with interstitial whitish grey and light green clasts; clasts are 2mm to 5cm; many clasts have pressure halos and moderate contact metamorphism look w/ mod chl alt'd contacts from weak-mod shearing of matrix; moderate to strongly replaced with chlorite and carbonate as a result of metamorphism; barren
WZ-18-193	76.60	80.60	4.00	1B	Pillowed Flows	Medium grey; FG; mod fol; mod banded ser; 1% banded qtz; trace sulphides; strongly fractured; mod pervasive bleaching w/ brecciated fractured section contacting 4B w/ str qtz/fsp interstitial breccia fill; minor 4B
WZ-18-193	80.60	83.40	2.80	1ALT	Altered Mafic Volcanic	Dark green/brown and light green/grey; FG; str fol; str banding; str bi/ser; mod crb stringers; trace blebby PO/PY
WZ-18-193	83.40	104.92	21.52	1A	Massive Flows	Medium-dark green/grey; FG; mod fol; mod patches of speckled leucoxene; trace stringer crb and qtz; mod banded chl; 5-10% banded granodiorite; trace lcl sulphides
WZ-18-193	104.92	107.83	2.91	5B	Granodiorite	White-grey; MG; 40% mafic speckling; trace banded qtz; mod disseminated FG muscovite; trace speckled garnets; barren
WZ-18-193	107.83	112.03	4.20	1A	Massive Flows	Medium-dark green/grey; FG; mod fol; mod patches of speckled leucoxene; trace stringer crb and qtz; mod banded chl; 5-10% banded granodiorite; trace lcl sulphides
WZ-18-193	112.03	113.20	1.17	5B	Granodiorite	White-grey; MG; 40% mafic speckling; trace banded qtz; mod disseminated FG muscovite; trace speckled garnets; barren
WZ-18-193	113.20	140.57	27.37	1A	Massive Flows	Medium-dark green/grey; FG; mod fol; mod patches of speckled leucoxene; trace stringer crb and qtz; mod banded chl; 5-10% banded granodiorite; trace lcl sulphides
WZ-18-193	140.57	144.08	3.51	5B	Granodiorite	White-grey; MG; 40% mafic speckling; trace banded qtz; mod disseminated FG muscovite; trace speckled garnets; barren
WZ-18-193	144.08	167.55	23.47	6B	Gabbro	Dark green/grey; MG; mod pervasive speckled leucoxene; 5-10% granodiorite banding and dykes; lcl str ser/chl/act alt'n veinlets; trace lcl sulphides
WZ-18-193	167.55	170.05	2.50	1ALT	Altered Mafic Volcanic	Banded green/white/beige/brown/purple and qtz; mod-str mottled look; str alt'n banding; 2-3% lcl blebby and stringer PO
WZ-18-193	170.05	178.33	8.28	6B	Gabbro	Dark green/grey; MG; mod pervasive speckled leucoxene; 1% granodiorite banding and dykes; lcl str ser/chl/act alt'n veinlets; trace lcl sulphides
WZ-18-193	178.33	179.33	1.00	1ALT	Altered Mafic Volcanic	Banded green/white/beige/brown/purple; mod bi/ser; mod mottled look; str alt'n banding; 1% lcl blebby and stringer PO
WZ-18-193	179.33	199.30	19.97	1A	Massive Flows	Dark grey/bluish; FG; weak fol; trace stringer crb; trace banded qtz; trace <10cm 4B dykelets; barren; w/ moderate alt'n zone towards lower contact and minor 5B unit
WZ-18-193	199.30	217.80	18.50	6B	Gabbro	Dark green/grey; MG; mod pervasive speckled leucoxene; 1% granodiorite banding and dykes; lcl str ser/chl/act alt'n veinlets; trace lcl sulphides; w/ 2% 5B units <25cm
WZ-18-193	217.80	226.52	8.72	1B	Pillowed Flows	Medium-dark green/grey; FG; mod fol; mod chl alt'd selvages; mod bleached banding; mod crb stringers and patches; barren
WZ-18-193	226.52	240.48	13.96	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; mod-str stringer crb; patchy ser; trace sulphides
WZ-18-193	240.48	253.13	12.65	1M	Mafic Debris Flow	Dark-medium green/grey w/ intermittent purple banding; fragmental and wispy; mod crb; mod chl; 5% qtz veins; trace sulphides; dominated by 6B with 6E 1A 1B 5B fragments and dykes
WZ-18-193	253.13	287.80	34.67	6B	Gabbro	Several mixed generations ranging from relatively unaltered and very CG to mod chl/crb alt'd sheared and FG-MG; top half is medium green; bottom half is less chl alt'd and bluish grey; speckled and massive PY intermittent; lcl debris flow look; with horsetailed inclusions; w/ remnant mafic debris flow stringers/patches for top 3-4 meters; w/ minor 5B
WZ-18-193	287.80	302.94	15.14	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; mod-str stringer crb; str banded and interstitial bi; patchy ser; trace sulphides

WZ-18-193	302.94	312.47	9.53	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod chl alt'd selvages; trace speckled garnets; barren
WZ-18-193	312.47	313.80	1.33	1ALT	Altered Mafic Volcanic	Medium green/light green/beige/white/brown; FG; strong fol and banding; mod bi; str ser/act; mod crb; trace speckled PY
WZ-18-193	313.80	317.04	3.24	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod chl alt'd selvages; trace speckled garnets; barren
WZ-18-193	317.04	320.93	3.89	1Z	Gabbroic with gradational contacts	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren
WZ-18-193	320.93	322.60	1.67	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod fol; mod-str sil; mod albite banding; barren
WZ-18-193	322.60	325.97	3.37	1Z	Gabbroic with gradational contacts	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren
WZ-18-193	325.97	329.58	3.61	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod chl alt'd selvages; trace speckled garnets; barren
WZ-18-193	329.58	330.95	1.37	4ALT	Altered Feldspar Porphyry	Medium purple/grey; FG; mod fol; mod-str sil; mod albite banding; barren
WZ-18-193	330.95	338.93	7.98	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod chl alt'd selvages; trace speckled garnets; barren
WZ-18-193	338.93	339.18	0.25	5B	Granodiorite	White-grey/purple; MG; 10% mafic speckling; trace qtz; mod disseminated FG muscovite; trace speckled garnets; mod sil; barren
WZ-18-193	339.18	363.00	23.82	1B	Pillowed Flows	Medium green/grey; FG; mod fol; mod chl alt'd selvages; trace speckled garnets; barren

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
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	78.60	79.60	1.00	596573	0.008	8		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	79.60	80.60	1.00	596574	0.013	13		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	80.60	81.40	0.80	596575	0.017	17		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	81.40	82.40	1.00	596576	0.007	7		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	82.40	83.40	1.00	596577	0.016	16		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	83.40	84.40	1.00	596578	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	166.55	167.55	1.00	596579	0.011	11		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Blank				596580	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	167.55	168.37	0.82	596581	0.011	11		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	168.37	169.32	0.95	596582	0.103	103		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	169.32	170.05	0.73	596583	0.013	13		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	170.05	171.05	1.00	596584	0.007	7		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	177.33	178.33	1.00	596585	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	178.33	179.33	1.00	596586	0.094	94		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	179.33	180.33	1.00	596587	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	239.48	240.48	1.00	596588	0.211	211		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	240.48	241.27	0.79	596589	21.8	> 10000	29.1	21.8
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	OREAS 216				596590	6.56	6560		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	241.27	242.27	1.00	596591	0.116	116		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	286.80	287.80	1.00	596592	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	287.80	288.80	1.00	596593	0.007	7		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	288.80	289.80	1.00	596594	0.007	7		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	289.80	290.80	1.00	596595	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	302.50	303.50	1.00	596596	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	303.50	303.80	0.30	596597	0.01	10		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	303.80	304.80	1.00	596598	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	311.47	312.47	1.00	596599	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Blank				596600	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	312.47	313.00	0.53	596601	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	313.00	313.80	0.80	596602	0.014	14		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	313.80	314.80	1.00	596603	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	319.93	320.93	1.00	596604	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	320.93	321.70	0.77	596605	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	321.70	322.60	0.90	596606	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	322.60	323.60	1.00	596607	0.006	6		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	323.60	324.60	1.00	596608	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	324.60	325.60	1.00	596609	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	OREAS 215				596610	3.47	3470		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	325.60	325.97	0.37	596611	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	325.97	327.00	1.03	596612	0.016	16		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	327.00	328.00	1.00	596613	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	328.00	329.00	1.00	596614	0.005	5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	329.00	329.58	0.58	596615	0.029	29		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	329.58	330.25	0.67	596616	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	330.25	330.95	0.70	596617	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	330.95	331.95	1.00	596618	0.005	5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	331.95	333.00	1.05	596619	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Blank				596620	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	333.00	334.00	1.00	596621	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	334.00	334.30	0.30	596622	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	334.30	335.00	0.70	596623	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	335.00	336.00	1.00	596624	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	336.00	337.00	1.00	596625	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	337.00	338.00	1.00	596626	0.0025	< 5		
WZ-18-193	Middle Zone	Actlabs	A18-08264	26-Jun-18	20-Jul-18	Assay	338.00	338.93	0.93	596627	0.0025	< 5		

		Hole Number:		WZ-18-194					
		Drill Rig:		Drill 20					
		Claim Number:							
Location		Drill Hole Orientation		Dates Drilled:		Start Date:	End Date:		
Surface				06-19-2018		06-23-2018			
<u>Planned Coordinates</u>		Azimuth:	68		Drill Contractor:	Foraco Canada Ltd			
Easting	645471.7								
Northing	5408069.01	Dip:	-50		Dates Logged:	Start Date:	End Date:		
Elevation(m)	413.82					06-20-2018		06-28-2018	
<u>Final Pick up</u>		Depth(m):	300.00		Logger 1:	Andrew Wehrfritz			
Easting						Logger 2:	Shane Moran		
Northing		Core Size:	NQ		Logger 3:				
Elevation(m)									
Casing				Assay Lab:	Actlabs				
Purpose of Hole	Infill Drilling of Middle zone to bring zone from inferred to indicated mineral confidence.			Dip Tests					
				Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	103.68-198.64 +200.85-212 1M 4ALT @ 224.5-225.96+249.23-252.80+267.74-268.24+283.74-284.94+298.85-300+ stg microfracturing visible starting at 281.4-298.85 downwards in unit w stg microfrac and ca infill and small tension fracture filling			0.0	63.8	-50.2		Planned	71.4
				20.0	63.8	-50.2	5639		71.4
				51.0	65.9	-48.7	5946	Hi Mag az	66.1
				81.0	68.0	-47.1	5614	6m hex 18	75.6
				111.0	67.5	-46.6	5605	6m hex 18	75.1
				141.0	67.7	-45.9	5611	6m hex 18	75.3
				171.0	67.9	-45.6	5603		75.5
				201.0	67.9	-45.1	5600		75.5
				231.0	67.3	-44.5	5609		74.9
				Comments	Andrew Logged up until 92.35m-Shane Moran till end of hole - Hole interval for cementing may be off -zoning deeper in hole			261.0	66.6
300.0	66.4	-42.7	5620						74
	-7.6								
	-7.6								
	-7.6								
	-7.6								
	-7.6								
Azimuth corrected to 7.6 degrees west declination				-7.6					
				-7.6					
				-7.6					

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-194	0	0.39	0.39	OVB	Overburden	
WZ-18-194	0.39	15.02	14.63	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Highly stained fractures fracturing in the top 1 meter of the unit. Increased fracturing from 11.5 to 12 (10+).
WZ-18-194	15.02	16.98	1.96	4B	Feldspar Porphyry	fg to mg, medium grey unit with a slight purple hue. Millimetric sized white to light grey plagioclase phenocrysts; slightly elongated and strained, suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite. Light green alteration halos surrounding healed fractures observed.
WZ-18-194	16.98	33.28	16.3	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Moderate to high degree of banded biotite alteration from 19.5 to 20.5. Millimetric sized garnets visible from 20 to 20.55. Calcite stringers and wisps sporadically throughout. Felsic flooding from 33 to 33.28. Switched to 6" shell at 21m.
WZ-18-194	33.28	100.22	66.94	6B	Gabbro	mg to cg dark grey to dark green mafic unit. Unit is composed predominately of cg mafics with a notable portion of mg plagioclase as well. Unit becomes finer in certain sections and contains a variable amount of chlorite alteration. Calcite and felsic wisps/veinlets intermittently. finer grained with heavy biotite alteration from 49.3 to 49.57 with 2-3% disseminated po and py and from 49.7 to 49.94 with approx. 1-2% py. Increased fracturing from 65.4 to 66 (10+); 92.84-93.18 fg(1B) w frac filling 10%+ qtz and 2-5%py po; lct 60°ca
WZ-18-194	100.22	103.68	3.46	1A	Massive Flows	Med greenish grey; FG-MG; mod banded ser-chl- ep bio alt; foln 60°ca; wk c0b frac fill; minor qtz stringers up to 1-2cm; qtz flooding bleaching; tr PoPy (<1%); 4B 103.20-103.68 40°ca stg; lct40°ca
WZ-18-194	103.68	198.64	94.96	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding; fragmental/wispy w/localized shearing; mod cb; mod chl; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B/4E fragments/intrusions; 1-2% qtz stringers up to 2cm; tr Po Py; 4B 122.75-123.02 60°ca; qtz vnlt 128.25-128.38 40°ca; ; 4F 184.64-185.00 60°ca; lct 60°ca
WZ-18-194	198.64	200.85	2.21	6B	Gabbro	mg to cg dark grey to dark green mafic unit. Unit is composed predominately of cg mafics with a notable portion of mg plagioclase as well. Unit becomes finer in certain sections and contains a variable amount of chlorite alteration. Calcite and felsic wisps/veinlets intermittently; lct 60°ca
WZ-18-194	200.85	212	11.15	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding; fragmental/wispy w/localized shearing; mod cb; mod chl; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B/4E fragments/intrusions; 1-2% qtz stringers up to 2cm; tr Po Py lct 60°ca
WZ-18-194	212	224.5	12.5	1A	Massive Flows	Med greenish grey; FG-MG; fg 212-217.50 mg 217.50-224.5; mod banded ser-chl- ep bio alt; foln 60°ca; wk cb frac fill; minor qtz stringers up to 1-2cm; qtz flooding bleaching; tr PoPy (<1%); lct40°ca
WZ-18-194	224.5	225.96	1.46	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; mottled laminated appearance; 1-3% PoPy;1A minor 225.60-225.71 60°ca; foln 60°ca; lct60°ca
WZ-18-194	225.96	230.53	4.57	1A	Massive Flows	Med greenish grey; FG-MG; mod banded ser-chl- ep bio alt; foln 60°ca; wk cb frac fill; minor qtz stringers up to 1-2cm; qtz flooding bleaching; tr PoPy (<1%); 1B 229.68-230.53 60°ca; lct60°ca
WZ-18-194	230.53	232.75	2.22	4B	Feldspar Porphyry	fg to mg, medium grey unit with a slight purple hue. Millimetric sized white to light grey plagioclase phenocrysts; slightly elongated and strained, suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite. Light green alteration halos surrounding healed fractures observed; foln 60°ca; LCT 65°CA.
WZ-18-194	232.75	249.23	16.48	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Highly stained fractures fracturing in the top 1 meter of the unit. Increased fracturing from 236.75 stg w ca infill; frac fill seam 234.36-234.39 w qtz ca po py 2%; foln 65°ca; lct 65°ca
WZ-18-194	249.23	252.8	3.57	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; mottled laminated appearance; 1-2% PoPy; foln 65°ca; lct70°ca
WZ-18-194	252.8	267.74	14.94	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. microfracturing in unit; minor gt in alt haloes; foln 70°ca; qtz vnlt 253.07-253.16 70°ca; lct 70°ca
WZ-18-194	267.74	268.24	0.5	4B	Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; mottled laminated appearance; 10% qtz frac fill; 1-3% PoPy; foln 70°ca; sharp cts lct70°ca

WZ-18-194	268.24	274.56	6.32	1A	Massive Flows	Med greenish grey; FG-MG; mod banded ser-chl- ep bio alt; foln 70°ca; wk cb frac fill; minor qtz stringers up to 1-2cm; minor qtz flooding bleaching; tr PoPy (<1%); lct70°ca
WZ-18-194	274.56	283.74	9.18	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout; stg microfracturing starting at 281.4 downwards in unit w stg microfrac and ca infill and small tension fracture filling 1-4 cm w ca infill; minor gt in alt haloes; foln 70°ca; lct 70°ca
WZ-18-194	283.74	284.94	1.2	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; mottled laminated appearance; 1-3% PoPy; foln 70°ca; sharp cts lct70°ca
WZ-18-194	284.94	294.46	9.52	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout; stg microfracturing starting at 281.4 downwards in unit w stg microfrac and ca infill and small tension fracture filling 1-4 cm w ca infill; minor gt in alt haloes; foln 70°ca; lct 70°ca
WZ-18-194	294.46	296.47	2.01	4B	Feldspar Porphyry	fg to mg, medium grey unit with a slight purple hue. Millimetric sized white to light grey plagioclase phenocrysts; slightly elongated and strained, suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite. Light green alteration halos surrounding healed fractures observed; foln 70°ca; lct 70°ca
WZ-18-194	296.47	298.85	2.38	1B	Pillowed Flows	fg, dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout; stg microfracturing starting at 281.4 downwards in unit w stg microfrac and ca infill and small tension fracture filling 1-4 cm w ca infill; minor gt in alt haloes; foln 70°ca; lct 70°ca
WZ-18-194	298.85	300	1.15	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; mottled laminated appearance; 1-3% PoPy; foln 70°ca; sharp cts lct70°ca

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
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	48	49	1	596705	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	49	50	1	596706	0.019	19		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	50	51	1	596707	0.005	5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	91.8	92.84	1.04	596708	0.006	6		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	92.84	93.18	0.34	596709	0.068	68		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	OREAS 216				596710	6.5	6500		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	93.18	94.18	1	596711	0.011	11		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	223.5	224.5	1	596712	0.005	5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	224.5	225.6	1.1	596713	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	225.6	225.96	0.36	596714	0.005	5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	225.96	226.96	1	596715	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	248.23	249.23	1	596716	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	249.23	250.23	1	596717	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	250.23	251.23	1	596718	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	251.23	252.23	1	596719	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Blank			0	596720	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	252.23	252.8	0.57	596721	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	252.8	253.8	1	596722	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	266.74	267.74	1	596723	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	267.74	268.24	0.5	596724	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	268.24	269.24	1	596725	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	282.74	283.74	1	596726	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	283.74	284.5	0.76	596727	0.064	64		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	284.5	284.94	0.44	596728	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	284.94	285.94	1	596729	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	OREAS 215				596730	3.43	3430		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	297.85	298.85	1	596731	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	298.85	299.5	0.65	596732	0.0025	< 5		
WZ-18-194	Middle Zone	Actlabs	A18-08349	29-Jun-18	23-Jul-18	Assay	299.5	300	0.5	596733	0.0025	< 5		



Hole Number:

WZ-18-195

Drill Rig:

Drill 20

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					23-Jun-2018	24-Jun-2018	
<u>Planned Coordinates</u>		Azimuth:	71	Drill Contractor:	Foraco Canada Ltd		
Easting	645471.7						
Northing	5408069.01	Dip:	-71	Dates Logged:	Start Date:	End Date:	
Elevation(m)	413.82				24-Jun-2018	25-Jun-2018	
<u>Final Pick up</u>		Depth(m):	351.00	Logger 1:	Shane Moran		
Easting					Logger 2:	Karen Barlow	
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)					Assay Lab:		
Casing				Dip Tests			
Purpose of Hole	delineate middle zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		0.0	72.4	-71.3		Planned	80
Results	Majority of the hole was 6B and 1M 316.47 - 319.21 - 4ALT	21.0	72.4	-71.3	5653	6m stabiliz	80
		51.0	72.4	-70.6	5022		80
		81.0	71.3	-70.0	5634		78.9
		111.0	69.7	-69.2	5634		77.3
		141.0	69.8	-68.2	5616	at 135m st	77.4
		171.0	68.9	-67.3	5606		76.5
		201.0	68.0	-66.1	5567		75.6
		231.0	68.4	-65.6	5566	6m std; 18	76
Comments	S. Moran logged start of hole to 132.48m K. Barlow logged 132.48 to EOH	261.0	68.9	-64.8	5569	6m std; 18	76.5
		321.0	68.3	-62.4	5572	6m std; 18	75.9
		351.0	68.3	-61.6	5579	6m std; 18	75.9
Azimuth corrected to 7.6 degrees west declination							

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-195	0.00	32.70	32.70	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; bio alt selvages + gt speckled; Calcite stringers and wisps sporadically throughout; qtz vnlit 1.5-1.7 50°ca; qtz vnlit 4.050-4.17 50°ca; 4B 19.41-19.76 30°ca; 25.05-25.61 qtz vn w 20-40% qtz 5-8%po 2-3% py 40°ca; 6E 36.07-36.24 50°ca foln wk-mod 40°ca; lct 40°ca
WZ-18-195	32.70	41.00	8.30	1A	Massive Flows	Med greenish grey; FG-MG; mod banded ser-chl- ep bio alt; foln 40°ca; wk ca frac fill; minor qtz stringers up to 1-2cm; qtz flooding bleaching; tr PoPy (<1%); qtz vnlit 38.43-38.6740°ca; qtz vnlit 40.10-40.18 50°ca; lct50°ca
WZ-18-195	41.00	132.48	91.48	6B	Gabbro	mg to cg dark grey to dark green mafic unit; cg mafics Unit variable amount of chlorite alteration. Calcite and felsic str/veinlets intermittently; 5B 49.75-50.50 20°ca; 5B 53-53.13 40°ca; 1A 60.90-60.64 40°ca; qtz str 10% qtz 2-5%po 1-2% py diss chl alt 61.64-61.97 40°ca; 1A 61.97-62.97 40°ca; lct; From 74.56 to 74.8m is 6E sharp UC at 30°ca LC broken pieces; Form 78.15 to 78.4m is 6E both contacts sharp UC at 50°ca LC x-cutting at 35°ca; From 124.18 to 124.34m is QV both contacts sharp UC at 50°ca LC at 40°ca barren
WZ-18-195	132.48	187.28	54.80	1A	Massive Flows	Med to dark greenish grey; FG-MG; mod fol'n; wk-mod shearing; mod stringer crb; str banded/interstitial bi; wk-mod patchy/banded ser; mn qtz stringers up to 4cm; mn 6E intrusion w/clusters of garnet; mn 5B intrusion up to 2cm; From 153.59 to 153.63m is 7A intrusion both contacts sharp UC at 45°ca LC at 25°ca; From 167.23 to 167.72m are broken pieces of core; From 170.70 to 170.86 is 6A intrusion both contacts sharp and at 45°ca; trce PoPy (<1%)
WZ-18-195	187.28	208.08	20.80	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; mod bi; most prominent lithology consists of 6B/1A w/6E 1A 1B and mn 5B fragments/intrusions; mn qtz stringers <1cm; trce PoPy(<1%)
WZ-18-195	208.08	209.97	1.89	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk shearing; mod stringer crb; mn qtz stringer <1cm
WZ-18-195	209.97	222.93	12.96	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; mod bi; wk garnet speckles; most prominent lithology consists of 6B/1A w/6E 1A 1B and mn 5B 4E fragments/intrusions; mn qtz stringers up to 1cm; mn qtz flooding up to 5cm; From 216.91 to 216.94m is blebby PoPy(15-20%) for that 3cm interval; trce PoPy(<1%)
WZ-18-195	222.93	225.10	2.17	6B	Gabbro	Med to dark greenish grey; MG; mod pervasive speckled leucoxene; mod chl alt'n; mod intersitial bi-crb alt'n; trce PoPy(<1%)
WZ-18-195	225.10	290.86	65.76	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; mod bi; wk-mod ep bands; wk garnet speckles; most prominent lithology consists of 6B/1A w/6E 1A 1B and mn 5B 4E fragments/intrusions; mn qtz stringers up to 4cm; From 229.43 to 229.47m is blebby PoPy(20-25%) for that 4cm section; From 256.77 to 256.84m is 4E both contacts sharp UC at 40°ca LC at 55°ca; From 266.69 to 266.78m is 4E both contacts sharp and at 50°ca; trce PoPy(<1%)
WZ-18-195	290.86	292.01	1.15	1A	Massive Flows	Med greenish grey; FG-MG; wk fol'n; mod stringer crb; mod chl alt'n; mn qtz stringer up to 1cm; mn qtz flooding 4cm; trce PoPy(<1%)
WZ-18-195	292.01	304.63	12.62	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; wk-mod bi haloes; wk-mod ep banding; wk-mod stringer crb; mod banded chl; wk-mod speckled garnets; 1-2% qtz stringers up to 4cm; mn qtz flooding intermitent up to 10cm; trce PoPy (<1%);
WZ-18-195	304.63	307.84	3.21	1A	Massive Flows	Med greenish grey; FG; wk-mod fol'n; mod crb stringers; mod chl alt'n; mn qtz stringer <1cm; trce PoPy(<1%)
WZ-18-195	307.84	316.47	8.63	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; wk-mod bi haloes; wk-mod ep banding; wk-mod stringer crb; mod banded chl; wk-mod speckled garnets; mn qtz stringers <1cm; mn qtz flooding intermitent up to 6cm; trce PoPy (<1%);
WZ-18-195	316.47	319.21	2.74	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol'n; mod-str sil; wk-mod crb micro-fractures; wk albite banding; qtz stringer <1cm; mn PoPy (1-2%)
WZ-18-195	319.21	338.97	19.76	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; wk-mod bi haloes; wk-mod ep banding; mod stringer crb; mod banded chl; wk speckled garnets; mn qtz stringers up to 3cm; mn qtz flooding up to 4cm; trce PoPy (<1%);
WZ-18-195	338.97	340.24	1.27	1A	Massive Flows	Med greenish grey; FG; wk fol'n; mod stringer crb; mod chl alt'n; wk ep band; mn qtz stringer up to 1cm; trce PoPy(<1%)
WZ-18-195	340.24	351.00	10.76	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; wk-mod bi haloes; wk-mod ep banding; mod stringer crb; mod banded chl; wk speckled garnets; 1-2% qtz stringers up to 3cm; trce PoPy (<1%);
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
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	24.05	25.05	1.00	596734	0.005	5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	25.05	25.61	0.56	596735	0.02	20		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	25.61	26.61	1.00	596736	0.012	12		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	60.64	61.64	1.00	596737	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	61.64	61.97	0.33	596738	0.011	11		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	61.97	62.97	1.00	596739	0.006	6		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Blank				596740	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	193.00	194.00	1.00	596741	0.008	8		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	194.00	194.50	0.50	596742	0.006	6		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	194.50	195.00	0.50	596743	0.006	6		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	195.00	196.00	1.00	596744	0.007	7		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	215.00	216.00	1.00	596745	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	216.00	216.50	0.50	596746	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	216.50	217.00	0.50	596747	0.017	17		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	217.00	218.00	1.00	596748	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	227.00	228.00	1.00	596749	0.005	5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	OREAS 210				596750	5.36	5360		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	228.00	229.00	1.00	596751	0.007	7		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	229.00	229.50	0.50	596752	0.01	10		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	229.50	230.50	1.00	596753	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	272.32	273.32	1.00	596754	0.006	6		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	273.32	273.97	0.65	596755	0.015	15		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	273.97	274.97	1.00	596756	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	315.47	316.47	1.00	596757	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	316.47	317.00	0.53	596758	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	317.00	317.50	0.50	596759	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Blank				596760	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	317.50	318.00	0.50	596761	0.006	6		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	318.00	318.64	0.64	596762	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	318.64	319.21	0.57	596763	0.0025	< 5		
WZ-18-195	Middle Zone	Actlabs	A18-10046	30-Jul-18	27-Aug-18	Assay	319.21	320.21	1.00	596764	0.0025	< 5		



Hole Number:	WZ-18-196
Drill Rig:	Drill 20
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					14-Jun-2018	17-Jun-2018
<u>Planned Coordinates</u>		Azimuth:	51	Drill Contractor:	Foraco Canada Ltd	
Easting	645413.53	Dip:	-52	Dates Logged:	Start Date:	End Date:
Northing	5408071.08			16-Jun-2018	18-Jun-2018	
Elevation(m)	413.14					
<u>Final Pick up</u>		Depth(m):	300.65	Logger 1:	Karen Barlow	
Easting		Core Size:	NQ	Logger 2:		
Northing				Logger 3:		
Elevation(m)				Assay Lab:		

Casing		Dip Tests					
Purpose of Hole	Bringing Inferred to indicated in Middle Zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	No Middle Zone indicated. Some 4 Alt near end of hole	0.0	52.3	-51.5		Planned	58.6
		30.0	52.3	-51.5	5616	6m Hex 18	59.9
		60.0	56.5	-50.8	5686	6m Hex 18	64.1
		90.0	53.0	-50.4	5607	6m Hex 18	60.6
		120.0	53.3	-49.4	5608	6m Hex 18	60.9
		150.0	52.7	-48.7	5608	6m Hex 18	60.3
		180.0	53.7	-48.1	5606	6m Hex 18	61.3
		210.0	53.3	-47.7	5607	6m Hex 18	60.9
Comments		240.0	53.7	-47.2	5605	6m Hex 18	61.3
		270.0	53.2	-46.3	5617	6m Hex 18	60.8
			-7.6				
			-7.6				
			-7.6				
			-7.6				
			-7.6				
			-7.6				
Azimuth corrected to 7.6 degrees west declination			-7.6				
			-7.6				
			-7.6				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-196	0.00	8.06	8.06	CAS	Casing	
WZ-18-196	8.06	36.15	28.09	1B	Pillowed Flows	Med greenish grey; FG; mod fol; broken pieces from start of hole to 12m; mod bio-ep-crb alt'n; mod chl alt'n; wk-mod speckled garnets; mn qtz stringers up to 4cm; From 29.35 to 29.75 is 1B w/str bio alt'n haloes; From 33 to 33.11m is QV whitish/mottled grey mn PoPy (1-2%); From 36.3 to 35.34 is 3D mod magnetic mod-str bio-crb-garnet alt'n; unit overall mineralization is trce PoPy (<1%);
WZ-18-196	36.15	38.11	1.96	1A	Massive Flows	Med greenish grey; FG; wk-mod fol; mod chl; wk crb stringers <1cm; qtz stringer <1cm; wk ser band; trce PoPy (<1%)
WZ-18-196	38.11	51.66	13.55	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; mod banded chl in selvages; mod garnet speckles; UC is 10cm alb-qtz rafting w/chl veining; wk qtz stringers up to 3cm; From 46.91 to 46.99m is QV both contacts sharp UC at 65ca° LC at 60°ca; trce PoPy (<1%);
WZ-18-196	51.66	52.26	0.60	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; mod ep bands; mod-str fol'n; qtz stringers up to 1cm; 1-2% PoPy
WZ-18-196	52.26	56.99	4.73	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol; wk-mod stringer crb; mod banded chl; mod speckled garnets; 1-2% qtz stringers up to 4cm; trce PoPy (<1%);
WZ-18-196	56.99	59.31	2.32	1A	Massive Flows	Med greenish grey; FG; wk-mod fol; mod chl; wk crb stringers <1cm; qtz stringer <1cm; trce PoPy (<1%)
WZ-18-196	59.31	61.95	2.64	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; section of str silicified bi alt'n (glass?); mod ep bands; mod garnet speckles; mod-str fol'n; qtz flooding up to 10cm; 2-5% PoPy; trce Sph
WZ-18-196	61.95	71.96	10.01	1B	Pillowed Flows	Med greenish grey; FG; mod fol; wk-mod stringer crb; mod banded chl; mod speckled garnets; 1-2% qtz stringers up to 2cm; trce PoPy (<1%);
WZ-18-196	71.96	74.61	2.65	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; mod ep bands; mod-str fol'n; qtz stringers up to 4cm; 5B intrusion up to 10cm both contacts sharp and at 70°ca; 1-2% PoPy
WZ-18-196	74.61	132.53	57.92	1A	Massive Flows	Med greenish grey; FG-MG; wk-mod banded ser-ep alt'n; mod bio; wk crb micro fractures; mn qtz stringers up to 4cm; qtz flooding up to 8cm; Varying degrees of grains size in some sections (1Z?); From 88.48 to 88.72 is 5B both contacts sharp and at 65°ca; From 98.42 to 98.54 is 5B both contacts sharp and at 35°ca; From 103.52 to 103.77m both contacts sharp UC at 65°ca LC at 60°; From 131.42 to 131.74m is strngly sheared 1A w/str bi-ep bands; trce PoPy (<1%)
WZ-18-196	132.53	159.64	27.11	6B	Gabbro	Light to med greenish grey; MG; wk-mod fol; wk-mod sheared; mod bi alt'n; mod chl alt'n; mn stringer crb; wk-mod banded; 2% qtz stringers up to 3cm; From 199.8 to 134.07m is 4D both contacts sharp UC at 55°ca LC at 60°; From 139.16 to 139.39m is 5B both contacts sharp and at 50°ca;
WZ-18-196	159.64	198.05	38.41	1A	Massive Flows	Light to med greenish grey; FG; wk-mod fol; mod chl; wk-mod crb stringers <1cm; qtz-ser flooding up to 3cm; qtz stringer up to 2cm w/ep-kspal alt'n mn euohedral Py; From 166.91 to 167.01m is 4B both contacts sharp UC at 55°ca LC at 60°ca; From 184.76 to 184.98m is 5B both contacts sharp and at 55°ca; From 185.83 to 185.97m is 5B UC at 55°ca LC at 50°ca; trce PoPy (<1%)
WZ-18-196	198.05	239.27	41.22	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B fragments/intrusions up to 55cm; 2-3% qtz stringers up to 4cm; trce PoPy;
WZ-18-196	239.27	240.77	1.50	5B	Granodiorite	Whitish/pinkish grey; MG; 15% mafic speckling; trace qtz; mod disseminated FG muscovite; trce garnet speckles; mod sil; ~20cm towards margin of LC resembles 4E; From 239.4 to 239.63m is 1M/diorite(?); m is barren
WZ-18-196	240.77	249.18	8.41	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B/4E fragments/intrusions; 1-2% qtz stringers up to 2cm; trce PoPy;
WZ-18-196	249.18	250.22	1.04	6B	Gabbro	Med greenish grey; MG; mod pervasive speckled/fracture-controlled carbonate (?); mixed generations w/wk-mod ser-chl-act alt'n stringers; trace PoPy (<1%)
WZ-18-196	250.22	257.17	6.95	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; mod bi; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B fragments/intrusions; mn qtz stringers <1cm; trce PoPy;
WZ-18-196	257.17	270.60	13.43	1A	Massive Flows	Med greenish grey; FG-MG; mod fol; mod shearing; mod-str stringer crb; str banded/interstitial bi; mod patchy ser; From 268.89 to 269m is 4E both contacts sharp UC at 50°ca LC at 55°ca; 1-2% qtz stringers up to 4cm; trce PoPy
WZ-18-196	270.60	271.94	1.34	6B	Gabbro	Med greenish grey; FG-MG; weak fol; wk-mod fol'n; mod shearing; mod crb stringers <1cm; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-196	271.94	292.85	20.91	1A	Massive Flows	Med greenish grey; FG-MG; mod fol; mod-str stringer crb; str banded/interstitial bi; patchy ser; trce PoPy
WZ-18-196	292.85	294.54	1.69	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil;wk-mod albite banding; 1-2% granodiorite intrusions; trce PoPy (<1%)

WZ-18-196	294.54	295.78	1.24	1A	Massive Flows	Med greenish grey; FG-MG; mod fol; mod stringer crb; mn qtz stringers <1cm; wk-mod banded/interstitial bi; trce PoPy
WZ-18-196	295.78	298.19	2.41	6B	Gabbro	Med greenish grey; MG; mod fracture-controlled carbonate; wk-mod ser-chl-act alt'n stringers; 1-2% qtz stringers up to 2cm; mn 4E intrusion up to 4cm; trace PoPy (<1%)
WZ-18-196	298.19	299.98	1.79	1A	Massive Flows	Med greenish grey; FG-MG; mod fol; mod-str stringer crb; mod- str banded/interstitial bi; wk-mod patchy ser; trce PoPy
WZ-18-196	299.98	300.65	0.67	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod fol; mod-str sil; mod crb micro-fractures x-cutting fol'n; wk albite banding; qtz stringer up to 4cm; trce PoPy (<1%)
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
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	50.66	51.66	1.00	596628	0.008	8		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	51.66	52.26	0.60	596629	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	OREAS 210				596630	5.46	5460		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	52.26	53.26	1.00	596631	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	58.31	59.31	1.00	596632	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	59.31	59.61	0.30	596633	0.015	15		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	59.61	60.35	0.74	596634	0.011	11		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	60.35	60.80	0.45	596635	0.007	7		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	60.80	61.43	0.63	596636	0.224	224		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	61.43	61.95	0.52	596637	0.056	56		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	61.95	62.95	1.00	596638	0.011	11		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	70.90	71.90	1.00	596639	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Blank				596640	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	71.90	72.87	0.97	596641	0.013	13		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	72.87	73.87	1.00	596642	0.007	7		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	73.87	74.61	0.74	596643	0.015	15		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	74.61	75.61	1.00	596644	0.007	7		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	197.00	198.00	1.00	596645	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	198.00	199.00	1.00	596646	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	199.00	200.00	1.00	596647	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	200.00	200.50	0.50	596648	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	200.50	201.00	0.50	596649	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	OREAS 215				596650	3.52	3520		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	201.00	202.00	1.00	596651	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	202.00	202.50	0.50	596652	0.007	7		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	202.50	203.50	1.00	596653	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	208.11	209.11	1.00	596654	0.01	10		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	209.11	210.00	0.89	596655	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	210.00	211.00	1.00	596656	0.02	20		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	211.00	212.00	1.00	596657	0.012	12		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	212.00	213.00	1.00	596658	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	213.00	214.00	1.00	596659	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Blank				596660	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	214.00	214.50	0.50	596661	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	214.50	215.45	0.95	596662	0.008	8		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	215.45	216.00	0.55	596663	0.011	11		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	216.00	217.00	1.00	596664	0.008	8		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	217.00	217.50	0.50	596665	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	217.50	218.00	0.50	596666	0.015	15		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	218.00	219.00	1.00	596667	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	219.00	219.75	0.75	596668	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	219.75	220.22	0.47	596669	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	OREAS 216				596670	6.59	6590		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	220.22	221.22	1.00	596671	0.008	8		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	230.50	231.50	1.00	596672	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	231.50	232.50	1.00	596673	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	232.50	233.00	0.50	596674	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	233.00	234.00	1.00	596675	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	243.00	244.00	1.00	596676	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	244.00	244.39	0.39	596677	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	244.39	245.00	0.61	596678	0.02	20		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	245.00	246.00	1.00	596679	0.012	12		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Blank				596680	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	246.00	247.00	1.00	596681	0.008	8		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	247.00	248.00	1.00	596682	0.005	5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	248.00	249.00	1.00	596683	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	249.00	250.00	1.00	596684	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	250.00	251.00	1.00	596685	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	251.00	252.00	1.00	596686	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	252.00	253.00	1.00	596687	0.011	11		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	253.00	253.50	0.50	596688	0.014	14		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	253.50	254.00	0.50	596689	0.006	6		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	OREAS 210				596690	5.44	5440		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	254.00	254.96	0.96	596691	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	254.96	255.96	1.00	596692	0.012	12		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	291.85	292.85	1.00	596693	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	292.85	293.85	1.00	596694	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	293.85	294.54	0.69	596695	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	294.54	295.54	1.00	596696	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	295.54	296.54	1.00	596697	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	296.54	297.54	1.00	596698	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	297.54	298.54	1.00	596699	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Blank				596700	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	298.54	299.54	1.00	596701	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	299.54	299.98	0.44	596702	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	299.98	300.34	0.36	596703	0.0025	< 5		
WZ-18-196	Middle Zone	Actlabs	A18-08841	09-Jul-18	31-Jul-18	Assay	300.34	300.65	0.31	596704	0.0025	< 5		



Hole Number:	WZ-18-197
Drill Rig:	Drill 12
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					17-Jun-2018	8-Jul-2018
<u>Planned Coordinates</u>		Azimuth:	30	Drill Contractor:	Foraco Canada Ltd	
Easting	645093					
Northing	5407835	Dip:	-82	Dates Logged:	Start Date:	End Date:
Elevation(m)	415.19				06-18-2018	8-Jul-2018
<u>Final Pick up</u>		Depth(m):	1218.00	Logger 1:	Andrew Wehrfritz	
Easting				Logger 2:	Shane Moran	
Northing		Core Size:	NQ	Logger 3:	Sarah Davis	
Elevation(m)				Assay Lab:	Actlabs	

Casing	
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Purpose of Hole	Infill Drilling of Middle zone to bring zone from inferred to indicated mineral confidence.	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	1174.47 1191.44 Middle Zone 1174.47-1179.12: 1ALT: 1179.12-1190.32: 4ALT: 1190.32-1191.44: 1ALT:	0.0	34.6	-82.5	0	Planned	42.2
		20.0	34.6	-82.5	5672		42.2
		51.0	31.4	-82.6	5640	6m stab 1	39
		84.0	32.2	-82.6	5636		39.8
		114.0	30.4	-82.3	5624	at 114 6m	38
		144.0	36.8	-81.1	5602		44.4
		177.0	32.9	-80.7	5607		40.5
		207.0	31.8	-80.5	5601		39.4
		240.0	35.4	-81.1	5600		43
		270.0	37.3	-80.7	5591		44.9
Comments	Hole was wedged at 519m. Andrew Logged up until 514.94; S. Moran logged 514.94-1028. Drill on hold due to stuck rods. Grouting required through strong fault zone at 660-690m to avoid more broken ground falling in behind bit. S. Davis logged 1028 to EOH.	300.0	32.3	-80.4	5603	at 303 6" s	39.9
		330.0	33.6	-79.5	5592		41.2
		360.0	38.0	-79.4	5598		45.6
		393.0	38.4	-79.8	5613		46
		423.0	34.2	-79.5	5644		41.8
		453.0	36.0	-79.3	5661	suspect az	60.5
		483.0	36.0	-79.1	5407	low mag a	54.8
		513.0	33.5	-78.6	5140	low mag 3	39.1
		530.0	31.0	-76.6	5632	(3m)10ft s	38.6
		554.0	39.5	-75.2	5631	(3m)10ft s	47.1

Azimuth corrected to 7.6 degrees west declination		578.0	35.3	-74.8	5618	at 578 (6r	42.9
		609.0	36.2	-74.2	5597	(6m)20ft s	43.8
		639.0	37.0	-73.8	5596	(6m)20ft s	44.6
		672.0	38.1	-73.5	5598	(6m)20ft s	45.7
		702.0	44.3	-71.4	5615	(6m)20ft s	51.9
		735.0	45.2	-70.8	5607	(6m)20ft s	52.8
		771.0	47.0	-70.4	5654	(6m)20ft s	54.6
		801.0	44.0	-70.0	5633	(6m)20ft s	51.6
		831.0	46.5	-69.9	5614	(6m)20ft s	54.1
		864.0	45.7	-69.3	5609	(6m)20ft s	53.3
		894.0	46.3	-69.7	5616	(6m)20ft s	53.9
		924.0	47.5	-69.7	5614	(6m)20ft s	55.1
		954.0	46.4	-69.4	5625	(6m)20ft s	54
		984.0	47.9	-69.0	5630	(6m)20ft s	55.5
		1014.0	48.3	-68.6	5603	6m standa	55.9
		1044.0	48.8	-68.1	5609	6m standa	56.4
		1074.0	47.7	-67.1	5608	6m standa	55.3
		1107.0	57.8	-67.0	5498	6m standa	65.4
		1140.0	51.0	-67.0	5598	6m standa	58.6
		1170.0	49.0	-66.2	5608	6m standa	56.6
		1200.0	49.6	-65.9	5602	6m standa	57.2
		1218.0	49.5	-66.1	5605	6m standa	57.1

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-197	0	1.72	1.72	OVB	Overburden	Overburden
WZ-18-197	1.72	51	49.28	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Higher degree of fracturing in first 4 meters of the unit. 20+ fractures from 22.5 to 23. Minor disseminated sulphides (<<1%)
WZ-18-197	51	73.34	22.34	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens with in areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Section with high degree of chlorite alteration from 68m to 69m.
WZ-18-197	73.34	75	1.66	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout.
WZ-18-197	75	76.35	1.35	4B	Feldspar Porphyry	fg to mg unit with a felsic composition light grey to pale purple in colour. Unit is composed of millimetric sized feldspar phenocrysts suspended in a finer grained ground mass composed of feldspar and biotite and some quartz. Minor foliation
WZ-18-197	76.35	119.9	43.55	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Small sections of iron formation from 76.35 to 76.67 and 86.14 to 86.4 containing 1-2% sulphides. Narrow sections of intermediate dykes cross cut the unit at shallow angles intermittently from 113 to 114m.
WZ-18-197	119.9	123.3	3.4	4B	Feldspar Porphyry	fg to mg unit with a felsic composition light grey to pale purple in colour. Unit is composed of millimetric sized feldspar phenocrysts suspended in a finer grained ground mass composed of feldspar and biotite and some quartz. Minor foliation
WZ-18-197	123.3	159.7	36.4	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens in areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Increased plagioclase content from 125.8 to 128. Narrow section of iron formation at 132.23 to 132.47 with up to 1% sulphide stringers. Calcite veinlet at 145m and quartz veinlet at 145m.
WZ-18-197	159.7	161.2	1.5	6E	Intermediate Dyke	fg to mg medium grey unit with coarser grained mafic minerals and fragments suspended in a finer grained intermediate groundmass composed of feldspar some silica and biotite.
WZ-18-197	161.2	174.94	13.74	1Z	Gabbroic with gradational contacts	Mg to cg dark grey to drey mafic unit composed of coarser grained mafic minerals surrounded by finer grained mafics as well as minor amounts of plagioclase. Gradational lower contact. Bottom meter could arguably be classified as a massive flow.
WZ-18-197	174.94	189.9	14.96	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Small section of iron formation from 175.9 to 176.05; sulphide stringers 1-2% in this interval.
WZ-18-197	189.9	198.57	8.67	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Minor sulphide stringers (<<1%).
WZ-18-197	198.57	219.95	21.38	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Intermittent narrow sections of medium grained massive flows with a greater abundance of plagioclase visible. Felsic veinlet at 218.
WZ-18-197	219.95	229.7	9.75	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of mg mafics with a notable portion of mg white plagioclase. Unit appears gabbroic in certain areas. Variable amounts of chlorite alteration throughout. Calcite wisps intermittently. Blebby py and po at 224; <1% overall.
WZ-18-197	229.7	243.15	13.45	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Intermittent narrow sections of medium grained massive flows with a greater abundance of plagioclase visible within these sections. Higher degree of fracturing from 234m to 237m (approx. 5-10 fractures/m) as well as a high frequency of healed fractures associated with serpentine alteration as well as minor amounts of fault gouge.
WZ-18-197	243.15	244.2	1.05	5B	Granodiorite	Fg to mg light grey felsic unit composed predominately of mg plagioclase with lesser mounts of speckled biotite; small amount of quartz. Minor amounts of other mafic minerals as well.

WZ-18-197	244.2	246.78	2.58	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout.
WZ-18-197	246.78	251.55	4.77	1A	Massive Flows	mg to cg dark grey to dark green mafic unit. Unit is composed predominately of mg mafics (biotite amphiboles and pyroxenes) with a notable portion of mg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.
WZ-18-197	251.55	255.12	3.57	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout.
WZ-18-197	255.12	260.8	5.68	1A	Massive Flows	mg to cg dark grey to dark green mafic unit. Unit is composed predominately of mg mafics (biotite amphiboles and pyroxenes) with a notable portion of mg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Narrow sections of pillow formations pop in and out of the unit.
WZ-18-197	260.8	283.32	22.52	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Intermittent narrow sections of medium grained massive flows.
WZ-18-197	283.32	292	8.68	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.
WZ-18-197	292	296.35	4.35	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Unit gradually becomes medium grained in bottom 1 meter; pillow selvages less frequent as well.
WZ-18-197	296.35	324.14	27.79	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite. Switched from 18" shell to 6" at 309; shorter run.
WZ-18-197	324.14	373.5	49.36	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Minor to moderate foliation. Sulphide stinger at 373.4 containing predominately po with less amounts of cpy and py. <<1% Sulphides overall.
WZ-18-197	373.5	388.4	14.9	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. gradational coarsening in the bottom 1 meter of the unit.
WZ-18-197	388.4	429	40.6	1Z	Gabbroic with gradational contacts	mg to cg dark grey to dark green mafic unit. Unit is composed predominately of cg mafics with a notable portion of mg plagioclase as well. Unit becomes finer in certain sections and contains a variable amount of chlorite alteration. Calcite and felsic wisps/veinlets intermittently. wisps and/or veinlets of felsic material occur intermittently.
WZ-18-197	429	432.4	3.4	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.
WZ-18-197	432.4	440.7	8.3	1B	Pillowed Flows	fg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers and wisps sporadically throughout. Minor to moderate foliation. Quartz flooding surrounded by heavy biotite alteration from 439.65 to 439.8. Minor blebby sulphides in the aforementioned section.
WZ-18-197	440.7	442.85	2.15	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite.
WZ-18-197	442.85	470	27.15	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets in the top 2 meters of unit. Section with quartz flooding from 448.54 to 448.94 associated with ~2% po and ~.5% chalcopyrite (possibly 3d?). Sulphide bearing Smokey quartz vein from 450.27 to 450.4 containing 1% po. Minor blebby po throughout unit (<1% overall). Narrow granite intrusion from 465.16 to 465.34m. Unit coarsens with depth.
WZ-18-197	470	472.35	2.35	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics and silica. Thin laminated sulphides intermittently throughout; approx. 3% po .5% cpy and 1% py.

WZ-18-197	472.35	490.23	17.88	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Semi Massive po from 476.80 to 477.1. Disseminated po after this interval. approx. 1% sulphides overall. Occasional pillow selvage.
WZ-18-197	490.23	495.3	5.07	1U	Ultramafic Flows	fg to mg light grey dark green mafic unit with a minor degree of talc alteration throughout. Moderate magnetic properties. Unit is composed predominately of mafic minerals. Heavy chlorite alteration from 492m to 493m.
WZ-18-197	495.3	496.5	1.2	5B	Granodiorite	fg to mg light grey to pale pink unit composed of a mix of plagioclase and kspar with a lesser amount of black mafics speckled throughout. High frequency of fracturing in the bottom 30cm of the unit (10+). Pink granite intrusion from 496 to 496.1
WZ-18-197	496.5	501	4.5	1U	Ultramafic Flows	fg to mg light grey dark green mafic unit with a minor degree of talc alteration throughout. Moderate magnetic properties. Unit is composed predominately of mafic minerals.
WZ-18-197	501	505.1	4.1	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Gradational contact from upper ultramafic unit; minor magnetic properties.
WZ-18-197	505.1	508.26	3.16	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; approx. 1% po .5% cp. Highly magnetic. Millimetric garnet associated with some mafics.
WZ-18-197	508.26	517.24	8.98	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently. Granodiorite unit cross cuts the unit from 514.73 to 514.9; lct 20°ca
WZ-18-197	517.24	526.83	9.59	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey dark green mafic unit with a mod-stg degree of talc alteration throughout w mod stg chl alt on the lower part of the unit. Stg magnetic properties magnetite. Unit is composed predominately of mafic-ultramafic minerals; po seam semi massive 10-20% 526.66-526.83 20°ca; foln 20°ca; lct 20°ca
WZ-18-197	526.83	540.22	13.39	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.;foln wk-mod 20°ca; lct 20°ca
WZ-18-197	540.22	548.64	8.42	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite minor qtz str; 1A minor 540.70-541.44 uct 50°ca+lct 20°ca; lct 20°ca
WZ-18-197	548.64	549.12	0.48	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics and silica chert gy- lt red . Thin laminated frac fill sulphides scattered throughout; approx. 8% po and 3% py; lct 20°ca
WZ-18-197	549.12	552.06	2.94	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.; 4F 551.72-551.76 70°ca xcutting core axis; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	552.06	552.56	0.5	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics and silica chert gy- lt red . Thin laminated frac fill sulphides scattered throughout; approx. 8% po and 3% py; lct 30°ca
WZ-18-197	552.56	558.9	6.34	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.; 4B 553.17-553.47 30°ca purplish hue phenos fg; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	558.9	559.6	0.7	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics and silica chert gy- lt red . Thin laminated frac fill sulphides scattered throughout; approx. 2-5% po and 2% py; lct 20°ca
WZ-18-197	559.6	576.46	16.86	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently.; stg foln shr bio chl alt ca infill 559-60-562.08 20°ca; 4B 553.17-553.47 30°ca purplish hue phenos fg; 4E 575.12- 575.40 qtz albite blk rd oxides uct35°ca; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	576.46	587.44	10.98	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets

WZ-18-197	587.44	591.68	4.24	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	591.68	592.75	1.07	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite minor qtz str; uct 20+lct 30°ca
WZ-18-197	592.75	593.88	1.13	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; lct undulating
WZ-18-197	593.88	605.08	11.2	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	605.08	606.34	1.26	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; lct 20°ca
WZ-18-197	606.34	611.85	5.51	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	611.85	621.9	10.05	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite minor qtz str; 20° lct
WZ-18-197	621.9	623	1.1	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	623	623.92	0.92	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite minor qtz str; 20° lct
WZ-18-197	623.92	633.3	9.38	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; uct alt chl ep bio ca mod foln 628.5; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	633.3	650	16.7	SH	Shear	633.30 alt stg frac closed w infill 20°foln stg frac 0-90°_636.18-636.86 dinking poker chips pressure open and closed;637-637.24 brxn closed; 640.90-641.20 brxn 20°ca brxn closed ca infill and frags stg xcutting structure; 641.20-650.00 microfrac closed mod stg
WZ-18-197	650	660.6	10.6	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; foln wk-mod 20°ca; lct 20°ca
WZ-18-197	660.6	689.8	29.2	FZ	Fault Zone	660.60-662.80 stg alt brxn and infill uct 20°ca; 662.80-664.55 1a w stg closed micro frac ca infill; 664.55-667.60 stg foln 20°ca w chl ep bio alt; 668.30-674.54 dinking of core stg frac unit rqd low; 674.54-677.70 stg open fracs; stg closed fracs 677.70-685.33; simple pegmatite xcutting structure uct 40°ca + lct 30°ca poss fault; 686.20-689.80 brxn and stg frac and infill lct 20°ca
WZ-18-197	689.8	691.88	2.08	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct 30°ca
WZ-18-197	691.88	702.44	10.56	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; alt mod stg foln30°ca; lct 50°ca
WZ-18-197	702.44	702.71	0.27	4ALT	Altered Feldspar Porphyry	Medium purple/beige/grey; FG; very trace remnant fsp phenos; str sil; mod fol 40°ca; trace patchy qtz/crb/albite;1-3% py po; cts 50°ca
WZ-18-197	702.71	705.8	3.09	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; stg foln 30
WZ-18-197	705.8	706.49	0.69	1ALT	Altered Mafic Volcanic	Dark green/grey and brown/beige; FG; str fol; mod mottled look; mod bi banding; mod chl; mod ser banding; 10% qtz py po 3-5% 30°ca

WZ-18-197	706.49	708.46	1.97	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct 30°ca
WZ-18-197	708.46	708.75	0.29	4B	Feldspar Porphyry	fg to mg medium grey unit with a slight purple hue. Millimetric white to light grey plagioclase phenocrysts; slightly elongated and strained suspended in a finer grained ground mass composed of plagioclase and lesser amounts of foliated biotite minor qtz str; cts 10°ca
WZ-18-197	708.75	716.3	7.55	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct 30°ca
WZ-18-197	716.3	769.05	52.75	6B	Gabbro	Medium-dark green/grey; MG; mod-str fol; trace patchy ser; trace stringer crb; barren; foln wk 30°ca; lct 30°ca sharp w alt halo at lct
WZ-18-197	769.05	776.6	7.55	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct 30°ca
WZ-18-197	776.6	777.93	1.33	4E	Pegmatite	k+spar white to pink in colouration in a stg qtz matrix w muscovite mica small book mica w byl and small spotty blk+red fg oxides in matrix; no foln and cts sharp 70°ca
WZ-18-197	777.93	781.26	3.33	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; minor qtz frac 1-5% fill; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct 30°ca
WZ-18-197	781.26	781.8	0.54	SH	Shear	alt stg frac closed w infill 10°foln stg frac chl ep alt cas infill; lct 10°ca
WZ-18-197	781.8	784.85	3.05	1A	Massive Flows	fg to mg dark grey to dark green mafic unit. Unit is composed predominately of fg mafics with a notable portion of fg plagioclase as well. Unit coarsens within areas and contains a variable amount of chlorite alteration. Calcite wisps intermittently; minor qtz frac 1-5% fill; massive unit fg w mod foln w wk-mod frac and infill 30°ca foln mod-stg; lct irregular 30°ca; alt halo
WZ-18-197	784.85	785.02	0.17	7A	Diabase	Dark grey; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); lcts 50°ca w lct x cutting fabric
WZ-18-197	785.02	787.66	2.64	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; wk-mod foln 30°ca; lct w 7A 20°ca irregular
WZ-18-197	787.66	824.06	36.4	7A	Diabase	Dark grey; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); jts 15 40 60 70°ca; cts irregular @20°ca
WZ-18-197	824.06	852.3	28.24	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; mod-stg foln 20°ca; 824.06-826 core brkn up @824.40-826 core 50% brkn up fragments lct w Db? Structural or mechanical breakage? Foln mod stg 20°ca; lct
WZ-18-197	852.3	853.17	0.87	4ALT	Altered Feldspar Porphyry	Medium purple/beige/grey; FG; very trace remnant fsp phenos; str sil; mod fol 20°ca; trace patchy qtz/crb/albite; 1-3% py po; cts 20°ca
WZ-18-197	853.17	854.45	1.28	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; mod-stg foln 20°ca; lct 20°
WZ-18-197	854.45	863.65	9.2	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; stg foln 20°
WZ-18-197	863.65	865.7	2.05	3D	Iron Formation	fg grey and dark green unit with a banded texture. Mod-stg foln. Unit is composed of alternating layers of mafics silica and magnetite. Silica flooding; Thin laminated sulphides intermittently throughout; approx. 1-3% po .5% cp. Highly magnetic.; cts 20°ca 865.10-865.70 po8-10% py~5% cp1% silica flooding 20%; Millimetric garnet associated with some mafics; lct 20°ca 1A lower contact
WZ-18-197	865.7	874.46	8.76	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; mod-stg foln 20°ca; lct 20°
WZ-18-197	874.46	895.8	21.34	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. Millimetric to centimetric light green pillow selvage bands composed of chlorite/epidote intermittently throughout; biotite alteration associated with some of these pillow selvages. Calcite stringers wisps sporadically throughout. Minor to moderate foliation. Millimetric garnets ; mod foln 20°; lct 10°ca
WZ-18-197	895.8	939.76	43.96	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; 5B x cutting fabric 896.78-896.86 50°ca; 5B x cutting 897.08-897.12 50°ca; qtz vein 902.75-903 uct 50°ca+lct85°ca; mod-stg foln 20°ca; lct 20°
WZ-18-197	939.76	956.28	16.52	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. light green pillow selvage bands chl ep bio alt gt in alt haloes. Calcite stringers wisps sporadically throughout. Minor to moderate foliation.; 939.76-940.20 qtz vn 10-20% py 3 po 5% gn2-4% sp1-2% 20°ca; 940.20-940.78 barren; 940.78-941.40 qtz vn 20-40% 1-3% py po diss; mod foln 20°; 952.30-954.05 mod stg chl ep bio alt mod- stg foln; lct 20°ca

WZ-18-197	956.28	977	20.72	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren; 5B 957.57-957.85 30°ca; 972.65-972.90 stg brxn closed w ca infill in micro fracs contact 30°ca mod-stg foln 30°ca; lct 20°
WZ-18-197	977	989.37	12.37	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. light green pillow selvage bands chl ep bio alt gt in alt haloes. Calcite stringers wisps sporadically throughout.; 5B 980.54-981.13 20°ca xcutting; qtz str 10-15% barren chl ep bio alt 981.85-982.20 20°ca; qtz vnlt 20°ca 984.15-984.50; 5B 985.17-985.37 50°ca xcutting; wk-mod 20°ca; lct 20°ca
WZ-18-197	989.37	990.85	1.48	1A	Massive Flows	Medium-dark green/grey; FG-MG; mod-str fol; trace patchy ser; trace stringer crb; barren;mod mod-stg foln 30°ca; lct 20°
WZ-18-197	990.85	1007.7	16.85	1B	Pillowed Flows	fg to mg dark grey to dark green mafic unit. light green pillow selvage bands chl ep bio alt gt in alt haloes. Calcite stringers wisps sporadically throughout.; 993.80-997.60 mod stg alt garnet bio schist w wk py po diss20°ca; 977.60-1002.40 wk py po in frac fill 1A minor 1002.40-1003.4 20°ca; qtz str 10% tr py po spotty 1007.24-1007.47t 20°ca wk-mod 20°ca; lct 20°ca
WZ-18-197	1007.7	1028	20.3	6B	Gabbro	Medium-dark green/grey; MG; mod-str fol; trace patchy ser; trace stringer crb; barren; 5B xcutting uct 40°ca+lct30°ca 1016.90-1017.86; 5B 1022.75-1022.95 20°ca xcutting ; foln wk 30°ca; lct
WZ-18-197	1028	1052.3	24.3	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; lcl mod shear; 2% qtz veins; lcl blebby PO
WZ-18-197	1052.3	1059.04	6.74	6B	Gabbro	Medium-dark green/blue/grey; MG; mod-str fol; trace patchy ser; trace stringer crb; barren
WZ-18-197	1059.04	1095.4	36.36	1A	Massive Flows	Medium-dark grey/green; FG-MG; mod fol; lcl mod shear; 2% qtz veins; minor 5B; lcl blebby sulphides; mod stringer crb
WZ-18-197	1095.4	1138.52	43.12	7A	Diabase	Medium-dark grey; FG-MG; 1-2% speckled epidote clusters; mod- str mag; barren
WZ-18-197	1138.52	1159.44	20.92	1A	Massive Flows	Dark grey; FG-MG; mod fol; mod interstitial bi; trace speckled crb; trace banded bleaching; barren
WZ-18-197	1159.44	1174.47	15.03	1B	Pillowed Flows	Dark grey; FG-MG; mod fol; mod interstitial bi; mod chl alt'd selvages; minor 4E; trace speckled crb; trace banded bleaching; trace blebby PO
WZ-18-197	1174.47	1179.12	4.65	1ALT	Altered Mafic Volcanic	Dark grey/brown/beige; FG; str fol; str mottled alt'n; str bi; str chl; mod ser; 3% lcl sulphides
WZ-18-197	1179.12	1190.32	11.2	4ALT	Altered Feldspar Porphyry	Gradational purple/grey/beige; FG; str fol; weak interstitial bi; str flooded ser; str pervasive sil; lcl banded potassic alt'n w/ trace stringer tourmaline; 2-3% qtz; str hairline fractures w/ str ser alt'n; trace PY
WZ-18-197	1190.32	1191.44	1.12	1ALT	Altered Mafic Volcanic	Dark grey/brown/beige; FG; str fol; str mottled alt'n; str bi; str chl; mod ser; 2% lcl sulphides
WZ-18-197	1191.44	1218	26.56	1A	Massive Flows	Dark grey; FG-MG; mod fol; weak-mod interstitial bi; trace speckled crb; trace banded bleaching; barren
WZ-18-197	1218				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
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	447.54	448.54	1	597163	0.006	6		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	448.54	449.2	0.66	597164	0.013	13		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	449.2	450.1	0.9	597165	0.006	6		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	450.1	450.6	0.5	597166	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	450.6	451.6	1	597167	0.031	31		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	547.64	548.64	1	597168	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	548.64	549.12	0.48	597169	0.025	25		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	OREAS 216				597170	6.45	6450		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	549.12	550.12	1	597171	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	557.9	558.9	1	597172	0.005	5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	558.9	559.6	0.7	597173	0.01	10		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	559.6	560.6	1	597174	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	701.44	702.44	1	597175	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	702.44	702.71	0.27	597176	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	702.71	703.71	1	597177	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	703.71	704.8	1.09	597178	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	704.8	705.8	1	597179	0.005	5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Blank				597180	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	705.8	706.49	0.69	597181	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	706.49	707.49	1	597182	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	851.3	852.3	1	597183	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	852.3	853.17	0.87	597184	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	853.17	854.17	1	597185	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	862.65	863.65	1	597186	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	863.65	864.65	1	597187	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	864.65	865.1	0.45	597188	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	865.1	865.7	0.6	597189	0.009	9		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	OREAS 210				597190	5.59	5590		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	865.7	866.7	1	597191	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	938.76	939.76	1	597192	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	939.76	940.2	0.44	597193	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	940.2	940.78	0.58	597194	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	940.78	941.4	0.62	597195	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	941.4	942.4	1	597196	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1173.47	1174.47	1	597197	0.899	899		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1174.47	1175.44	0.97	597198	0.216	216		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1175.44	1176.44	1	597199	5.18	5510	5.18	
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Blank				597200	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1176.44	1177.44	1	597201	0.87	870		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1177.44	1178.44	1	597202	0.214	214		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1178.44	1179.12	0.68	597203	0.074	74		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1179.12	1180.14	1.02	597204	0.011	11		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1180.14	1181	0.86	597205	0.005	5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1181	1182	1	597206	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1182	1183	1	597207	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1183	1184	1	597208	0.006	6		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1184	1184.8	0.8	597209	0.009	9		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	OREAS 216				597210	6.65	6650		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1184.8	1185.15	0.35	597211	0.009	9		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1185.15	1186	0.85	597212	0.013	13		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1186	1187	1	597213	0.063	63		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1187	1188	1	597214	0.142	142		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1188	1189	1	597215	0.072	72		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1189	1190	1	597216	0.075	75		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1190	1190.32	0.32	597217	0.069	69		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1190.32	1190.88	0.56	597218	0.133	133		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1190.88	1191.44	0.56	597219	0.019	19		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Blank				597220	0.0025	< 5		
WZ-18-197	Middle Zone	Actlabs	A18-09161	13-Jul-18	07-Aug-18	Assay	1191.44	1192.44	1	597221	0.015	15		



		Hole Number:		WZ-18-198						
		Drill Rig:		Drill 20						
		Claim Number:								
Location		Drill Hole Orientation		Dates Drilled:		Start Date:		End Date:		
Surface						10-Jul-2018		14-Jul-2018		
<u>Planned Coordinates</u>		Azimuth:	48		Drill Contractor:		Foraco Canada Ltd			
Easting	645353.1									
Northing	5407919.7	Dip:	-54		Dates Logged:		Start Date:		End Date:	
Elevation(m)	410.35						11-Jul-2018		14-Jul-2018	
<u>Final Pick up</u>		Depth(m):	423.00		Logger 1:		Karen Barlow			
Easting										
Northing		Core Size:	NQ		Logger 2:					
Elevation(m)										
Casing				Logger 3:		Assay Lab:				
Purpose of Hole		Bringing Inferred to indicated in Middle Zone		Dip Tests						
				Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.	
Results		Zone expected around 367 - no alteration zone 370.54-392.68 - 1M 392.68-393.55 - 1A 393.55-416.19 - 1M 416.19-416.40 - 1ALT		0.0	50.2	-53.2		Planned	55.6	
				30.0	50.2	-53.2	5609	6m stab 18	57.8	
				60.0	49.4	-52.4	5608		57	
				90.0	49.7	-52.0	5606		57.3	
				120.0	50.0	-51.6	5635		57.6	
				150.0	50.8	-48.2	5584	126m 6m	58.4	
				180.0	50.8	-45.4	5598		58.4	
				210.0	51.2	-43.8	5591		58.8	
				240.0	50.8	-43.1	5596	231m 6m	58.4	
				Comments		Cemented 350 to 423 and 0.0- 21m		270.0	51.0	-42.1
300.0	52.1	-41.1	5589						59.7	
330.0	52.8	-40.3	5597						60.4	
360.0	52.2	-39.5	5595						59.8	
390.0	22.5	-38.6	5599						30.1	
420.0	53.9	-38.4	5592						61.5	
		-7.6								
		-7.6								
		-7.6								
		-7.6								
Azimuth corrected to 7.6 degrees west declination										

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-198	0.00	1.08	1.08	CAS	Casing	
WZ-18-198	1.08	4.28	3.20	1A	Massive Flows	Light to med greenish grey; mod chl-bi-ser; mod fol'n; FG; mod crb stringers; mn qtz stringer up to 1cm; trce PoPy (<1%)
WZ-18-198	4.28	5.81	1.53	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/40% MG wkly corroded; mod fol'n; wk-mod elongated fsp phenos parallel to fol'n; mod ser flooding; mod sil; mn qtz flooding up to 1cm; barren
WZ-18-198	5.81	7.95	2.14	1A	Massive Flows	Light to med greenish grey; mod chl-bi-ser; wk-mod fol'n; FG; mod crb stringers; 1-2% qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-198	7.95	59.95	52.00	1B	Pillowed Flows	Med to dark greenish grey; FG; mod-str fol; str banding; wk-mod garnet speckles; mod-str chl alt'd selvages; mod crb-ep-ser banding; mn qtz stringers up to 4cm; From 35.73 to 38.12m is crack/heal FZ; trce PoPy (<1%)
WZ-18-198	59.95	82.08	22.13	7A	Diabase	Med-dark grey; FG; yellowish clasts up to 3cm; mod magnetic; grain size decreases slightly moving down hole
WZ-18-198	82.08	88.37	6.29	1A	Massive Flows	Med greenish grey; mod chl-bi-ser; wk-mod fol'n; FG; mod crb stringers; wk patchy ep; mn qtz stringers <1cm; mn qtz flooding up to 3cm; trce PoPy (<1%)
WZ-18-198	88.37	94.76	6.39	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk crb stringers; wk albite banding; wk patchy ep; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-198	94.76	105.19	10.43	1A	Massive Flows	Med to dark greenish grey; FG; mod chl-bi; wk-mod fol'n; mod crb stringers; wk patchy ser; wk ep alt'n; wk tiny garnet speckles; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-198	105.19	106.65	1.46	4B	Feldspar Porphyry	Med to dark purplish grey; FG-MG; mod-str fol'n; mod-str shearing; phenos have been stretched and elongated to fol'n; wk albite banding; wk chl stringer along chill margins; barren
WZ-18-198	106.65	115.01	8.36	1A	Massive Flows	Med to dark greenish grey; FG; mod chl-bi; wk-mod fol'n; wk-mod crb stringers; wk ep banding; ~1% qtz stringers up to 3cm; trce PoPy (<1%)
WZ-18-198	115.01	116.24	1.23	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/30% MG-CG wkly corroded; wk fol'n; wk elongated fsp phenos parallel to fol'n; wk-mod sil; mn 6E intrusion; wk albite banding; barren
WZ-18-198	116.24	142.90	26.66	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk crb stringers; wk-mod ep-ser bands; mn qtz stringers; From 121.94 to 122.52 is a qtz stringer perpendicular to fol'n up to 5cm thick; trce PoPy (<1%)
WZ-18-198	142.90	144.68	1.78	7C	Lamprophyre	Med brownish/purplish grey; FG-MG; wk-mod bi speckles; wk amphibole speckles; wk crb-ep stringers; wk-mod chl; mod to strngly mag; barren
WZ-18-198	144.68	155.43	10.75	6B	Gabbro	Med greenish grey; MG-CG; wk fol'n; wk crb stringers; wk ep-ser bands; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-198	155.43	195.70	40.27	1A	Massive Flows	Med greenish grey; FG; mod chl-bi; wk-mod fol'n; wk-mod crb stringers; wk ep banding; wk ser-sil flooding; mn qtz stringers up to 5cm; trce PoPy (<1%)
WZ-18-198	195.70	200.00	4.30	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk crb stringers; wk albite banding; wk patchy ep; mn qtz flooding up to 8cm w/wk ep-ser alt'n; trce PoPy (<1%)
WZ-18-198	200.00	213.11	13.11	1A	Massive Flows	Med greenish grey; FG; mod chl-bi; wk-mod fol'n; wk-mod crb stringers; wk ep banding; trce garnet speckles; wk albite banding; From 206.5 to 206.76m is QV both contacts sharp UC at 65°ca LC at 60°ca barren; trce PoPy (<1%)
WZ-18-198	213.11	214.39	1.28	4B	Feldspar Porphyry	Med purplish grey; FG-MG; wk-mod fol'n; phenos mod elongated to fol'n; wk albite banding; mn qtz stringer up to 2cm; barren
WZ-18-198	214.39	232.05	17.66	1A	Massive Flows	Med to dark greenish grey; FG; mod chl-bi; wk-mod fol'n; wk-mod crb stringers; wk ep banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-198	232.05	235.89	3.84	6B	Gabbro	Light to med greenish grey; MG-CG; wk fol'n; wk crb stringers; wk patchy ep; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-198	235.89	237.61	1.72	1A	Massive Flows	Med greenish grey; FG; mod chl-bi; wk-mod fol'n; wk-mod crb stringers; wk ep banding; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-198	237.61	252.31	14.70	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk-mod shearing; wk-mod crb stringers; wk albite banding; wk ep bands; mod qtz stringers up to 3 cm; From 238.7 to 238.78m is QV both contacts sharp UC at 50ca LC at 45°ca; From 246.32 to 246.5 is 7A both contacts sharp and at 50°ca; trce PoPy (<1%)
WZ-18-198	252.31	256.24	3.93	1A	Massive Flows	Med to dark greenish grey; FG; mod chl-bi; wk-mod fol'n; wk crb stringers; wk ep banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-198	256.24	296.78	40.54	6B	Gabbro	Med greenish grey; MG-CG; wk fol'n; wk crb stringers; wk-mod patchy ep; mn qtz stringers up to 1cm; wk ser-sil flooding; wk garnet speckls within qtz flooding and 4E units; mn qtz flooding up to 12cm interfingered w/6B 1-2% PoPy; several mn 4E intrusions; From 259.17 to 259.35 is 4E both contacts are sharp UC at 55° LC at 50°ca; From 287.64 to 287.93m QV UC is at 25°ca LC is at 50°ca; trce PoPy (<1%)
WZ-18-198	296.78	297.83	1.05	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; mod ep bands; mod-str fol'n; mn qtz stringers up to 1cm; 2-4% PoPy
WZ-18-198	297.83	325.53	27.70	1A	Massive Flows	Light to med greenish grey; FG; mod chl-bi; mod fol'n; mod crb stringers; wk ser-ep banding; mn qtz stringers <1cm; From 323.93 to 324.06m is QV both contacts sharp and at 60°ca; trce PoPy (<1%)

WZ-18-198	325.53	327.43	1.90	6B	Gabbro	Light to med greenish grey; MG; wk fol'n; wk crb stringers; wk patchy ep; wk ser patchy; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-198	327.43	329.78	2.35	1A	Massive Flows	Light to med greenish grey; FG; mod chl-bi; mod fol'n; mod crb stringers; wk ser-ep banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-198	329.78	333.93	4.15	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol; mod stringer crb; mod ep banding; wk patchy ser; wk speckled garnets; 1-2% qtz stringers up to 2cm; trce PoPy (<1%);
WZ-18-198	333.93	337.66	3.73	1A	Massive Flows	Light to med greenish grey; FG-MG; mod chl-bi; wk-mod fol'n; mod crb stringers; wk ser-ep banding; mn qtz stringers up to 1cm; barren
WZ-18-198	337.66	342.73	5.07	1M	Mafic Debris Flows	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk ser banding; mod ep banding; most prominent fragments consist of 1A/6B w/6E 1A and 1B fragments/intrusions; mn qtz stringers up to 2cm w/wk ep-ser alt'n; trce PoPy (<1%)
WZ-18-198	342.73	344.08	1.35	6B	Gabbro	Light greenish grey;MG-CG; wk fol'n; mod chl alt'n; mod bleaching/sil; wk crb micro-fractures; barren
WZ-18-198	344.08	366.55	22.47	1M	Mafic Debris Flows	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb micro-fractures; mod chl; mod ep banding; most prominent fragments consist of 1A/6B w/6E and 4B fragments/intrusions; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-198	366.55	370.54	3.99	6B	Gabbro	Med greenish grey; MG; wk fol'n; mod chl alt'n; wk-mod bio banding; wk ep-ser banding; mn 4E intrusion up to 4cm; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-198	370.54	392.68	22.14	1M	Mafic Debris Flows	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk garnet speckles; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B/5A fragments/intrusions up to 1cm; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-198	392.68	393.55	0.87	1A	Massive Flows	Med greenish/brownish grey; FG; unit is str alt'd; mod-str ep banding; wk-mod patchy ser; 15-17% PoPy; mn Cpy ~1%
WZ-18-198	393.55	416.19	22.64	1M	Mafic Debris Flows	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk- ser alt'n; wk garnet speckles; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 5B/5A fragments/intrusions up to 4cm; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-198	416.19	416.40	0.21	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; mod ep bands; mod-str fol'n; qtz stringers up to 1cm; 12-14% PoPy
WZ-18-198	416.40	417.79	1.39	1M	Mafic Debris Flows	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk garnet speckles; most prominent fragments consist of 6B/1A w/6E 1A 1B and mn 4B fragments/intrusions; mn qtz stringers <1cm; From 417.04 to 417.24 is QV interfingered w/ 1A/6B 7-10% PoPy trce Cpy; over all unit mn PoPy (1-2%)
WZ-18-198	417.79	423.00	5.21	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol; wk-mod stringer crb; mod banded chl; mod ep banding; wk patchy ser; wk speckled garnets; mn qtz stringers up to 4cm; trce PoPy (<1%);
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
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	359.04	360.04	1.00	596845	0.014	14		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	360.04	360.40	0.36	596846	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	360.40	361.40	1.00	596847	0.007	7		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	361.40	362.30	0.90	596848	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	362.30	362.75	0.45	596849	0.024	24		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	OREAS 210				596850	5.39	5390		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	362.75	363.75	1.00	596851	0.015	15		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	363.75	364.50	0.75	596852	0.029	29		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	364.50	365.00	0.50	596853	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	365.00	366.00	1.00	596854	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	391.68	392.68	1.00	596855	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	392.68	393.55	0.87	596856	0.073	73		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	393.55	394.55	1.00	596857	0.008	8		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	398.00	399.00	1.00	596858	0.005	5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	399.00	400.00	1.00	596859	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Blank				596860	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	400.00	401.00	1.00	596861	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	401.00	402.00	1.00	596862	0.0025	< 5		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	402.00	403.00	1.00	596863	4.62	4970	4.62	
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	403.00	403.50	0.50	596864	6.72	6760	6.72	
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	403.50	404.12	0.62	596865	0.941	941		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	404.12	405.00	0.88	596866	0.951	951		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	405.00	406.00	1.00	596867	0.212	212		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	415.00	416.00	1.00	596868	0.366	366		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	416.00	416.40	0.40	596869	0.512	512		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	OREAS 215				596870	3.5	3500		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	416.40	417.04	0.64	596871	0.25	250		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	417.04	417.34	0.30	596872	7.78	7390	7.78	
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	417.34	418.00	0.66	596873	0.214	214		
WZ-18-198	Middle Zone	Actlabs	A18-10049	30-Jul-18	30-Aug-18	Assay	418.00	419.00	1.00	596874	0.044	44		



		Hole Number:		WZ-18-199					
		Drill Rig:		HC-150-20					
		Claim Number:							
Location		Drill Hole Orientation		Dates Drilled:		Start Date:	End Date:		
Surface						20-Jul-2018	24-Jul-2018		
<u>Planned Coordinates</u>		Azimuth: 49 Dip: -63		Drill Contractor:		Foraco Canada Ltd			
Easting	645353.1			Dates Logged: Start Date: 21-Jul-2018 End Date: 25-Jul-2018					
Northing	5407919.7								
Elevation(m)	410.35								
<u>Final Pick up</u>		Depth(m): 450.00 Core Size: NQ		Logger 1:		Karen Barlow			
Easting	645352.330			Logger 2:					
Northing	5407913.110			Logger 3:					
Elevation(m)	411.640			Assay Lab:					
Casing				Dip Tests					
Purpose of Hole	Bringing Inferred to indicated in Middle Zone			Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
				0.0	50.4	-62.4			
				30.0	50.4	-62.4	5601	6M STAB 1	58
Results	387.66 – 388.09 - 1ALT 388.09 – 390.54 - 4ALT 390.54 – 390.88 - QV 390.88 – 391.45 - 1ALT			60.0	50.1	-62.1	5622		57.7
				90.0	50.8	-62.2	5655	6m Hex; 18	58.4
				120.0	50.8	-60.4	5591	at 111m 6m	58.4
				150.0	50.9	-60.0	5627	6m std c.b	58.5
				180.0	53.1	-56.9	5623	6m std c.b	60.7
				210.0	53.1	-54.9	5627	6m std c.b	60.7
Comments	7A - 71.95 - 95.23m			240.0	51.1	-52.4	5601	6m std c.b	58.7
				270.0	50.2	-50.3	5603		57.8
				300.0	51.3	-49.4	5611		58.9
				330.0	50.7	-48.4	5595	at 6m std c	58.3
				360.0	50.9	-46.4	5646		58.5
				390.0	49.4	-45.6	5636	6m std c.b	57
				420.0	52.2	-45.2	5609	6m std c.b	59.8
				450.0	50.9	-44.1	5620		58.5
Azimuth corrected to 7.6 degrees west declination						-7.6			
						-7.6			
						-7.6			

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-199	0.00	1.90	1.90	CAS	Casing	
WZ-18-199	1.90	6.31	4.41	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; wk-mod bi haloes; mod crb banding; mod chl alt'd selvages; wk-mod ep banding; wk ser banding; trce-1% qtz stringers up to 2cm; trce PoPy(<1%)
WZ-18-199	6.31	8.19	1.88	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/40% MG-CG wkly corroded wkly elongated fsp phenos parallel to fol'n; mod fol'n; wk albite bands; mn qtz stringer up to 1cm; wk ser banding; trce PoPy(<1%)
WZ-18-199	8.19	17.94	9.75	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod crb stringers; wk banded ser; 1-2% qtz stringers up to 4cm; barren
WZ-18-199	17.94	23.87	5.93	6E	Intermediate Dyke	Med purplish grey; FG-MG; mod fol'n; mod bi lathes; wk albite banding; wk crb stringers; barren
WZ-18-199	23.87	71.95	48.08	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n;n; wk-mod bi haloes; mod crb banding; mod chl alt'd selvages; wk-mod ep banding; wk ser banding; mn qtz stringers up to 2cm; zones of str alt'n banding/wisps w/str diopside/ser/crb clustered alt'n; trce PoPy(<1%)
WZ-18-199	71.95	95.23	23.28	7A	Diabase	Med-dark grey; FG-MG; 1-2% yellowish clasts up to 3cm; mod magnetic; grain size more FG towards contacts (chill margin); barren
WZ-18-199	95.23	101.35	6.12	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod crb stringers; trce ser stringer; trce speckled albite along margin of qtz stringer; mn qtz stringers up to 1cm; barren
WZ-18-199	101.35	102.45	1.10	6E	Intermediate Dyke	Med to dark purplish grey; FG-MG; str fol; mod interstitial/lathes bi; mod sil; wk-mod albite banding; barren
WZ-18-199	102.45	108.71	6.26	6B	Gabbro	Med greenish grey; FG-MG; mod fol'n; wk crb stringers; wk ep banding; wk ser patchy; mn qtz stringers <1cm; From 106.94 to 107.91m is strgly alt'd; light greenish grey; there are a few different generations; trce PoPy (<1%)
WZ-18-199	108.71	126.02	17.31	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; mod crb stringers; wk ep banding; wk ser stringer; trce-1% qtz stringers up to 1cm; trce PoPy(<1%); From 119.46 to 120.19m is QV w/11cm of albite banding at UC QV has mn fragments of wall rock wk ep alt'n both contacts sharp UC at 70°ca LC at 50°ca barren; From 125.78 to 125.9m is QV w/fragments of wall rock both contacts sharp UC at 85°ca LC at 80°ca barren
WZ-18-199	126.02	132.79	6.77	6B	Gabbro	Med greenish grey; FG-MG; mod fol'n; mod crb stringers; wk ep banding; wk ser patchy; wk garnet speckles; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-199	132.79	134.15	1.36	4B	Feldspar Porphyry	Med to dark purplish grey; FG groundmass w/35% MG mod corroded fsp phenos; mod interstitial bi; trace patchy ser; wk albite banding; mod pervasive sil; barren
WZ-18-199	134.15	139.93	5.78	6B	Gabbro	Med greenish grey; FG-MG; mod fol'n; wk crb stringers; trce ep banding; mn qtz stringers up to 3cm; trce PoPy (<1%)
WZ-18-199	139.93	142.43	2.50	6F	Mafic Dyke	Dark grey; VFG-FG; massive; wk crb micro-fracture infill; mod-str magnetic; barren
WZ-18-199	142.43	174.86	32.43	6B	Gabbro	Med greenish grey; FG-MG; mod fol'n;; mod crb stringers; wk ep banding; wk ser banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-199	174.86	184.47	9.61	1A	Massive Flows	Med greenish grey; FG; varying degrees of grains size in some mn sections (1Z?); mod shearing in some sections; mod fol'n; wk crb stringers; trce speckled albite; mn qtz stringers <1cm; mn 6E intrusion; barren
WZ-18-199	184.47	187.64	3.17	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; wk bi haloes; mod crb banding; mod chl alt'd selvages; mod ep banding; wk patchy ser; mn qtz stringers up to 2cm; trce PoPy(<1%)
WZ-18-199	187.64	198.00	10.36	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk ser banding; mn qtz stringers <1cm; trce PoPy(<1%)
WZ-18-199	198.00	200.93	2.93	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; wk-mod bi haloes; mod crb banding; mod chl alt'd selvages; mod ep banding; wk garnet speckles; wk patchy ser; mn qtz stringers up to 1cm; trce PoPy(<1%)
WZ-18-199	200.93	203.00	2.07	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk patchy ep; wk ser banding; mn qtz stringers up to 1cm; trce PoPy(<1%)
WZ-18-199	203.00	219.06	16.06	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; wk bi haloes; mod crb banding; mod chl alt'd selvages; wk-mod ep banding; wk-mod garnet speckles; mn qtz stringers up to 4cm; trce PoPy(<1%)
WZ-18-199	219.06	226.08	7.02	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk ep banding; mn qtz stringers up to 2cm; trce PoPy(<1%)
WZ-18-199	226.08	238.48	12.40	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; wk bi haloes; mod crb banding; mod chl alt'd selvages; mod ep banding; wk garnet speckles; mn qtz stringers up to 2cm; trce PoPy(<1%)
WZ-18-199	238.48	262.20	23.72	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk ep banding; mn qtz stringers up to 2cm; two QV up to 10cm barren; overall unit trce PoPy(<1%); From 261.93 to 262.03 is disseminated/semi-massive PoPy (20-25%)
WZ-18-199	262.20	281.35	19.15	6B	Gabbro	Med greenish grey; FG-MG; wk-mod fol'n; varying degrees of grains size towards LC of unit (1Z?); wk crb stringers; wk patchy ep; wk patchy ser; wk albite banding; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-199	281.35	283.38	2.03	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers/micro-fracture infill; wk wispy ep; mn qtz stringers <1cm; trce PoPy(<1%)

WZ-18-199	283.38	305.42	22.04	6B	Gabbro	Med greenish grey; FG-MG; wk-mod fol'n; wk-mod shearing; varying degrees of grains size towards LC of unit (1Z?); wk crb stringers; wk patchy ep; wk patchy ser; mn 4E intrusion; 1-2% qtz stringers <1cm; mn qtz flooding up to 2cm; trce PoPy (<1%)
WZ-18-199	305.42	306.05	0.63	4B	Feldspar Porphyry	Light to med purplish/bluish grey; FG groundmass w/25% MG wkly corroded wkly elongated fsp phenos parallel to fol'n; wk fol'n; str alt'n margins along UC and LC w/mod albite banding wk chl stringers; qtz stringer <1cm along UC w/Po stringers and disseminated Py; wk-mod micro fractures infilled w/chl and PoPy throughout unit; mn PoPy(2-5%)
WZ-18-199	306.05	330.78	24.73	6B	Gabbro	Med greenish grey; FG-MG; wk-mod fol'n; mod shearing; varying degrees of grains size towards UC and LC of unit (1Z?); wk crb stringers wk-mod flat lying crb infill micro-fractures (open/closed); wk patchy ep; wk patchy ser; mn qtz stringers up to 3cm; trce PoPy (<1%); several mn units of 4E intrusions; From 305.35 to 308.52 is 4E intrusion both contacts sharp UC at 40°ca LC at 35°ca; From 308.52 to 310 are broken pieces of core; From 309 to 309.55 is str shearing w/mod-str chl/ep/crb banding w/mn PoPy (1-2%); From 314.55 to 314.72 is 4E intrusion both contacts sharp and at 50°ca; From 317.97 to 318.1 is QV both contacts sharp UC x-cutting at 30°ca LC x-cutting at 20°ca barren
WZ-18-199	330.78	358.20	27.42	1A	Massive Flows	Light to med greenish/brownish grey; FG; mod fol'n; mod-str bi banding; wk crb stringers/micro-fracture infill x-cutting fol'n; wk ep banding; wk albite banding; wk patchy ser; mn qtz stringers up to 1cm; From 338m onward downhole is lighter greenish grey and has a leucosome gabbroic appearance; Some sections that have felic clasts resembling a tuff; trce PoPy(<1%)
WZ-18-199	358.20	359.32	1.12	6B	Gabbro	Med greenish grey; FG-MG; wk fol'n; wk crb micro-fracture infill; wk patchy ep; wk patchy ser; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-199	359.32	387.66	28.34	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers/mod crb micro-fracture infill predominately x-cutting fol'n; wk patchy/banded ep alt'n; wk patchy ser; mn qtz stringers up to 2cm; mn qtz flooding 6cm; wk 5B banding w/wk kspar alt'n; trce PoPy(<1%); From 376.77 to 377.06m is QV w/~35% 1A interfingered both contacts sharp and at 60°ca barren; From 379.83 to 379.97m is QV w/~7% 1A interfingered both contacts sharp UC at 40°ca LC at 70°ca barren
WZ-18-199	387.66	388.09	0.43	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod-str bi-ser-crb alt'n; mod ep bands; str fol'n; mn qtz stringers boudinaged up to 1cm; 5-7% PoPy; trce Cpy (<1%)
WZ-18-199	388.09	390.54	2.45	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; ~5% elongated fsp phenos; mod-str fol'n; wk crb micro-fractures; mod-str silicified; wk albite banding; mod chl banding; mn qtz stringer up to 4cm barren; From 390.4 to 390.51m is QV interfingered w/4ALT both contacts sharp and at 70°ca; mn 6A intrusion/band up to 2cm; mn 1ALT fragment up to 3cm; 1-2% PoPy
WZ-18-199	390.54	390.88	0.34	QV	Quartz Vein	Mottled/beigish grey; VFG-FG; ~47% of unit is 1ALT at UC; mn 6A intrusions/fragments up to 3cm; 12-15% PoPy; trce Sph stringer <1%
WZ-18-199	390.88	391.45	0.57	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod-str bi-ser-crb alt'n; mod ep bands; str fol'n; mn qtz stringers up to 2cm w/5cm of 5B intrusion truncated LC of qtz stringer; 10-14% PoPy; trce Cpy (<1%)
WZ-18-199	391.45	392.59	1.14	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk patchy ep; mn qtz stringers up 1cm; trce PoPy(<1%)
WZ-18-199	392.59	423.29	30.70	1M	Mafic Debris Flow	Med to dark greenish/brownish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk-ser alt'n; wk garnet speckles; qtz-crb flooding up to 12cm w/wispy chl and garnet speckles; most prominent fragments consist of 6B/1A w/6E 1A 1B mn 5B/6A/4E fragments/intrusions; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-199	423.29	424.48	1.19	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; wk ser banding; mn qtz stringers up 1cm; trce PoPy(<1%)
WZ-18-199	424.48	428.36	3.88	1M	Mafic Debris Flow	Med to dark greenish/brownish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; wk-mod crb; mod chl; wk-mod bi banding; wk ser alt'n; most prominent fragments consist of 6B/1A w/6E 6B and 1A fragments/intrusions; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-199	428.36	428.90	0.54	QV	Quartz Vein	Whitish/purplish/beigish/mottled; VFG-FG; QV has wk w/sulphides; PoPy concentrated along chill margins w/overall unit consisting of ~35% 1ALT; wk-mod chl alt'n; wk-mod bi alt'n; wk patchy ep; 10-14% PoPy; trce Sph stringer <1%
WZ-18-199	428.90	450.00	21.10	1M	Mafic Debris Flow	Med to dark greenish/brownish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; wk-ser alt'n; wk garnet speckles; most prominent fragments consist of 6B/1A w/6E 1A 1B mn 5B/4E fragments/intrusions; mn qtz stringers up to 3cm; trce PoPy (<1%)
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
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	260.79	261.79	1.00	596907	0.012	12		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	261.79	262.19	0.40	596908	0.015	15		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	262.19	262.50	0.31	596909	0.006	6		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	OREAS 210				596910	5.41	5410		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	262.50	263.50	1.00	596911	0.005	5		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	304.42	305.42	1.00	596912	0.0025	< 5		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	305.42	306.05	0.63	596913	0.02	20		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	306.05	307.05	1.00	596914	0.0025	< 5		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	386.66	387.66	1.00	596915	0.023	23		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	387.66	388.09	0.43	596916	0.504	504		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	388.09	389.00	0.91	596917	1.48	1480		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	389.00	390.00	1.00	596918	0.056	56		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	390.00	390.54	0.54	596919	1.14	1140		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Blank				596920	0.0025	< 5		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	390.54	390.88	0.34	596921	0.559	559		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	390.88	391.45	0.57	596922	0.538	538		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	391.45	392.00	0.55	596923	0.057	57		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	392.00	393.00	1.00	596924	0.117	117		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	393.00	394.00	1.00	596925	0.019	19		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	427.36	428.36	1.00	596926	0.075	75		
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	428.36	428.90	0.54	596927	6.99	6220	6.99	
WZ-18-199	Middle Zone	Actlabs	A18-10527	08-Aug-18	03-Sep-18	Assay	428.90	429.90	1.00	596928	0.02	20		



Hole Number:

WZ-18-200

Drill Rig:

Drill 20


Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					6-Jul-2018	9-Jul-2018	
<u>Planned Coordinates</u>		Azimuth:	48	Drill Contractor:	Foraco Canada Ltd		
Easting	645352.8						
Northing	5407918	Dip:	-68	Dates Logged:	Start Date:	End Date:	
Elevation(m)	412				6-Jul-2018	10-Jul-2018	
<u>Final Pick up</u>		Depth(m):	489.00	Logger 1:	Jordan Keir-Sage		
Easting				Logger 2:	Sarah Davis		
Northing		Core Size:	NQ	Logger 3:	Karen Barlow		
Elevation(m)				Assay Lab:	Actlabs		
Casing				Dip Tests			
Purpose of Hole	Bringing Inferred to indicated in Middle Zone	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
		0.0	49.4	-67.8		Planned	
Results	420.96 - 424.88 Middle Zone 420.96 - 421.37 -1ALT-7-10% PoPy;2 specs VG* 421.37 - 424.05 - 4ALT 424.05 - 424.88 - 1ALT - 5-7% PoPy;	30.0	49.4	-67.8	5606	6m Stab 18	57
		60.0	49.3	-67.4	5602		56.9
		90.0	47.4	-66.5	5695		55
		120.0	48.5	-66.5	5604		56.1
		150.0	49.8	-65.6	5598	at 159 6m	57.4
		180.0	50.3	-64.3	5570		57.9
		210.0	50.4	-61.5	5575		58
		240.0	48.8	-58.2	5594		56.4
Comments	Jordan Keir-Sage logged until 53.64 S. Davis logged 53.64 to 145m K. Barlow logged 145 to EOH	270.0	47.8	-56.8	5623	at 270m 6	55.4
		300.0	47.2	-56.2	5613		54.8
		330.0	48.2	-56.0	5618		55.8
		360.0	47.8	-55.7	5613		55.4
		390.0	48.2	-54.7	5614		55.8
		420.0	48.6	-53.4	5612		56.2
		450.0	49.2	-52.6	5633		56.8
Azimuth corrected to 7.6 degrees west declination		480.0	48.9	-52.2	5603		56.5

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-200	0.00	3.00	3.00	CAS	Casing	
WZ-18-200	3.00	6.64	3.64	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. sharp contact
WZ-18-200	6.64	9.08	2.44	4B	Feldspar Porphyry	fine to medium grained purplish grey feldspar porphyry moderate foliation phenos are surrounded and elongated 20% very weak pervasive biotite sharp contact
WZ-18-200	9.08	11.34	2.26	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Gradational contact
WZ-18-200	11.34	15.98	4.64	1B	Pillowed Flows	Fine grained green greyish pillowed unit moderate foliation qtz carb stringers make up 2-3% of unit. Patchy weak biotite/epi alteration in selvages gradational lower contact
WZ-18-200	15.98	20.60	4.62	1A	Massive Flows	fine grained to medium grained dark grey to dark green unit. moderate foliation. calcite/quartz wisps make up approx. 1% of the unit. Pervasive chlorite. Gradational contact
WZ-18-200	20.60	25.75	5.15	1B	Pillowed Flows	Fine grained green greyish pillowed unit moderate foliation qtz carb stringers make up 2-3% of unit. Patchy weak biotite/epi alteration in selvages sharp lower contact
WZ-18-200	25.75	27.41	1.66	6E	Intermediate Dyke	fine grained brownish green-grey intermediate dyke patchy biotite sharp contact
WZ-18-200	27.41	80.34	52.93	1B	Pillowed Flows	Fine grained green greyish pillowed unit moderate foliation qtz carb stringers make up 2-3% of unit. Patchy weak biotite/epi alteration in selvages
WZ-18-200	80.34	105.03	24.69	7A	Diabase	Medium grey; FG; no fol; 2% speckled epidote clusters; barren
WZ-18-200	105.03	108.14	3.11	1B	Pillowed Flows	Medium grey/green; FG; mod fol; mod stringer and wispy crb; trace banded ser and chl alt'd selvages; barren
WZ-18-200	108.14	111.53	3.39	1A	Massive Flows	Medium-dark green/grey; FG-MG; weak-mod fol; mod speckled garnets; mod wispy qtz veinlets; barren
WZ-18-200	111.53	118.87	7.34	6B	Gabbro	Medium green; MG; weak fol; trace stringer ser/crb; weak interstitial bi; barren
WZ-18-200	118.87	128.62	9.75	1B	Pillowed Flows	Medium grey/green; FG; mod fol; mod stringer and wispy crb; trace banded ser and chl alt'd selvages; barren
WZ-18-200	128.62	130.77	2.15	4ALT	Altered Feldspar Porphyry	Light grey/purple/beige; Very str sil; str ser; str fol; FG-MG; str albite banding very strongly overprinted by sil; barren
WZ-18-200	130.77	135.00	4.23	7C	Lamprophyre	Dark grey/black; FG; mod 5% speckled white flecks (crb?); very thin and straight stringer crb filled fractures; str mag; barren
WZ-18-200	135.00	145.26	10.26	1A	Massive Flows	Medium grey/blue/green; FG-MG; str fol; str chl; str stringer crb; weak interstitial bi; mod bleached banding and interstitial alt'n; barren
WZ-18-200	145.26	162.20	16.94	6B	Gabbro	Med to dark greenish grey; MG; wk-mod fol'n; mod pervasive speckled leucoxene; wk-mod ep banding; 1-2% qtz strigners up to 5cm; From 159.09 to 159.21 is QV both contacts sharp and at 60°ca barren;
WZ-18-200	162.20	163.76	1.56	1A	Massive Flows	Med to dark greenish grey; FG-MG; mod-str fol; mod-str stringer crb; wk patchy ser; trce PoPy (<1%)
WZ-18-200	163.76	203.76	40.00	6B	Gabbro	Med greenish grey; MG-CG; wk-mod fol'n; mod pervasive speckled leucoxene; wk bi-ep banding; mn qtz strigners up to 4cm; From 182.3 to 183m are several micro-fractures (crack/heal) x-cutting fol'n; trce PoPy(<1%)
WZ-18-200	203.76	207.83	4.07	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod bi-ep banding; mod-str speckled garnets; mod chl alt'd selvages; mod crb-ser banding; Several ground pieces of core; trce Popy(<1%)
WZ-18-200	207.83	215.88	8.05	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi-ser; mn qtz stringer up to 2cm; Several broken pieces of core; trce PoPy(<1%)
WZ-18-200	215.88	222.32	6.44	1B	Pillowed Flows	Med greenish/bluish grey; FG; mod-str fol'n; mod bi-ep banding; mod speckled garnets; mod crb banding; wk ser banding; mn qtz stringers up to 4cm; From 222.22 to 222.32m is QV both contacts sharp UC at 55°ca LC at 45°ca; trce Popy(<1%)
WZ-18-200	222.32	229.47	7.15	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi-ser; mod crb stringers w/iron alt'n; mn qtz stringer <1cm; mn 5B dyke up to 7cm; trce PoPy(<1%)
WZ-18-200	229.47	255.03	25.56	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod bi-ep banding; mod-str speckled garnets; mod chl alt'd selvages; mod-str crb stringers w/iron alt'n; ~1% qtz stringers up to 5cm; From 245.02 to 245.09m is QV both contacts undulating UC at 70°ca LC at 50°ca barren; mn 5B dykes up to 6cm; trce Popy(<1%)
WZ-18-200	255.03	256.69	1.66	4B	Feldspar Porphyry	Light to med purplish grey; FG groundmass w/40% MG wkly corroded elongated fsp phenos parallel to fol'n; mod fol'n; wk albite bands
WZ-18-200	256.69	272.32	15.63	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod bi-ep banding; mod speckled garnets; mod crb-ser banding; mn qtz stringers up to 4cm; mn qtz flooding up to 5cm barren; trce Popy(<1%)
WZ-18-200	272.32	277.40	5.08	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod crb stringers; mn qtz stringer up to 1cm; barren
WZ-18-200	277.40	281.82	4.42	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod bi-crb-ep banding; mod chl alt'n; wk speckled garnets; wk-mod ser banding; mn qtz stringers <1cm; trce Popy(<1%)

WZ-18-200	281.82	285.06	3.24	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod-str crb stringers; mn qtz flooding up to 2cm; barren
WZ-18-200	285.06	335.76	50.70	6B	Gabbro	Med greenish grey; FG-CG; varying degrees of grains size in some sections (1Z?); wk-mod ep banding; wk-mod fol'n; wk-mod shearing; mod crb micro-fractures predominately x-cutting fol'n; mn qtz stringers up to 2cm; mn 5B dykes up to 8cm; From 334.56 to 334.98 is 6B(1Z?) w/str shearing qtz flooding up to 6cm mod-str crb-ep banding mn PoPy(1-2%) trce Cpy(<1%); trce PoPy (<1%) throughout unit
WZ-18-200	335.76	337.14	1.38	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod crb stringers; wk ep banding; 1-2% qtz stringers up to 1cm; trce PoPy(<1%)
WZ-18-200	337.14	354.45	17.31	6B	Gabbro	Med greenish grey; MG-CG; wk-mod pervasive speckled leucoxene(?); mixed generations w/wk-mod ser-chl-act alt'n stringers; 1-2% is 4D dykes up to 18cm; trace PoPy (<1%)
WZ-18-200	354.45	355.25	0.80	QV	Quartz Vein	Whitish/mottled grey; VFG-FG; mn sub-angular clasts of 6B up to 4cm; mod crb fracture-infill w/iron alt'n; mod garnet clusters/patchy; wk-mod chl alt'n; trce Cpy
WZ-18-200	355.25	393.41	38.16	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod shearing; mod-str bi bands; mod chl alt'n; mod crb stringers; wk-mod ep banding; mn qtz stringers up to 1cm; From 359.02 to 359.75m is str shearing w/mn PoPy (1-2%); From 373.05 to 373.13m is 4B both contacts sharp UC at 65°ca LC at 50°ca; From 388.6 to 388.7m is 4D w/qtz stringer in centre up to 2cm mod-str ser-ep alt'n; wk-mod euhedral garnet; both contacts sharp UC at 60°ca LC at 55°ca; trce PoPy(<1%) throughout unit
WZ-18-200	393.41	399.00	5.59	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod bi-ep banding; mod speckled garnets; mod chl alt'd selvages; mod-str crb bands; wk ser band; mn qtz stringers up to 1cm; trce Popy(<1%)
WZ-18-200	399.00	420.96	21.96	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod crb micro-fractures; mn qtz stringer up to 3cm; mn qtz flooding up to 5cm; mn 5B dyke up to 2cm; trce PoPy(<1%)
WZ-18-200	420.96	421.37	0.41	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mod qtz stringers up to 1cm; mod qtz flooding towards LC; 7-10% PoPy; trce Cpy (<1%); ~2 specs VG
WZ-18-200	421.37	424.05	2.68	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod-str fol; mod-str silicified/qtz flooding; wk albite banding; ~30% 5B intrusions w/mod-str alt'n; From 423.92 to 424.05m is QV/flooding; PoPy (7-10%) trce SphGn (<1%)
WZ-18-200	424.05	424.88	0.83	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mod qtz stringers <1cm; 5-7% PoPy; trce Cpy (<1%)
WZ-18-200	424.88	435.49	10.61	1A	Massive Flows	Med greenish grey; FG; mod fol; mod-str stringer crb; wk-mod ep bands; mn qtz stringers <1cm; mn 5B intrusion up to 6cm; From 436.85 to 437.13m is granite/5B(?) both contacts sharp UC at 40°ca LC at 45°ca; trce PoPy(<1%)
WZ-18-200	435.49	435.86	0.37	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mod-str qtz flooding; 5-8% PoPy; trce Sph stringer (<1%)
WZ-18-200	435.86	437.90	2.04	1M	Mafic Debris Flow	Med greenish grey w/intermittent purplish banding of; fragmental w/localized shearing; mod crb; mod chl; mod bi; most prominent fragments consist of 1A w/6E and mn 5B fragments/intrusions; mn qtz stringers <1cm; trce PoPy;
WZ-18-200	437.90	442.11	4.21	6A	Diorite	Light to med greenish/whitish/brownish grey; MG-CG; mod interstitial bi; wk-mod patchy albite; mod chl; wk kspar stringer; mn 5B instrusion up to 5cm; trce PoPy(<1%)
WZ-18-200	442.11	446.58	4.47	1M	Mafic Debris Flow	Med to dark greenish grey w/ intermittent purplish banding of; fragmental/wispy w/localized shearing; mod crb; mod chl; mod bi; most prominent fragments consist of 1A w/6E 1A and mn 5B fragments/intrusions; mn qtz stringers <1cm; trce PoPy;
WZ-18-200	446.58	450.85	4.27	5B	Granodiorite	Whitish/beigish/pinkish grey; MG; 35% mafic speckling; mn qtz stringer up to 4cm; mod disseminated FG muscovite; trce garnet speckles; mod sil; mn 1A up to 6cm; barren
WZ-18-200	450.85	489.00	38.15	1M	Mafic Debris Flow	Med greenish grey w/intermittent purplish banding of; fragmental w/localized shearing; mod crb some w/iron alt'n; mod chl; mod bi; wk-mod ser banding; most prominent fragments consist of 1A w/6E and mn 5B 4Band 4E fragments/intrusions; mn qtz stringers up to 3cm; trce PoPy;
WZ-18-200	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
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	358.00	359.00	1.00	596833	0.0025	< 5		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	359.00	360.00	1.00	596834	0.036	36		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	360.00	361.00	1.00	596835	0.006	6		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	420.00	421.00	1.00	596836	0.116	116		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	421.00	421.37	0.37	596837	7.86	8220	7.86	
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	421.37	422.10	0.73	596838	0.138	138		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	422.10	423.00	0.90	596839	0.099	99		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Blank				596840	0.0025	< 5		
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	423.00	423.50	0.50	596841	5.85	6100	5.85	
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	423.50	424.05	0.55	596842	7.63	> 10000	15.8	7.63
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	424.05	424.88	0.83	596843	3.12	3310	3.12	
WZ-18-200	Middle Zone	Actlabs	A18-09453	20-Jul-18	09-Aug-18	Assay	424.88	425.88	1.00	596844	0.067	67		

		Hole Number: WZ-18-201													
		Drill Rig: Drill 20													
		Claim Number:													
Location		Drill Hole Orientation		Dates Drilled:		Start Date:		End Date:							
Surface		Azimuth: 48		Drill Contractor: Foraco Canada Ltd		15-Jul-2018		20-Jul-2018							
Planned Coordinates						Dip: -74		Dates Logged:		Start Date:		End Date:			
Easting 645353.1		Depth(m): 537.00		Logger 1: Karen Barlow		16-Jul-2018		20-Jul-2018							
Northing 5407919.7						Logger 2:		Logger 3:		Assay Lab:					
Elevation(m) 410.35						Core Size: NQ		Casing		Dip Tests					
Final Pick up															
Easting															
Northing															
Elevation(m)															
Purpose of Hole		Bringing Inferred to indicated in Middle Zone		Depth (m)		Az.		Dip		Mag		Notes		Az Uncor.	
Results		Middle Zone 485.21 - 488.92 488.24 - 488.46 - QV		0.0		48.0		-74.0				planned		55.6	
				30.0		48.3		-73.7		5606		6m stab 18		55.9	
Comments		93.91 - 118.75 - 7A Cemented interval from 463 to 523m		60.0		47.5		-73.4		5614				55.1	
				90.0		47.7		-73.3		5617				55.3	
				120.0		48.1		-73.2		5591				55.7	
				150.0		47.5		-73.0		5622				55.1	
				180.0		48.3		-72.4		5576		162m 6m s		55.9	
				210.0		47.3		-71.5		5575				54.9	
Azimuth corrected to 7.6 degrees west declination				240.0		46.4		-70.2		5589				54	
				270.0		45.3		-68.4		5563				52.9	
				300.0		43.8		-66.9		5591				51.4	
				330.0		-7.6						Reflex test missed			
				360.0		45.0		-65.5		5589				52.6	
				390.0		45.0		-64.6		5594				52.6	
				420.0		45.6		-64.5		5588				53.2	
450.0		45.4		-63.8		5597		426m char		53					
480.0		44.9		-63.1		5595				52.5					
510.0		46.8		-62.7		5572				54.4					
537.0		46.1		-62.3		5587									

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-201	0.00	1.37	1.37	CAS	Casing	
WZ-18-201	1.37	6.85	5.48	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n'n; mod bi haloes; wk speckled garnets; mod crb banding; mod chl alt'd selvedges; wk-mod ep banding; 1-2% qtz stringers up to 4cm; barren
WZ-18-201	6.85	8.35	1.50	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod crb micro-fractures; wk banded ser; 2-3% qtz stringers up to 3cm; barren
WZ-18-201	8.35	11.27	2.92	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/40% MG wkly corroded wkly elongated fsp phenos parallel to fol'n; mod fol'n; wk albite bands; mn qtz stringers up to <2cm; wk ser banding; barren
WZ-18-201	11.27	13.43	2.16	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb micro-fractures; wk patchy ep; wk-mod banded ser; 2-3% qtz stringers up to 4cm; barren
WZ-18-201	13.43	18.55	5.12	1B	Pillowed Flows	Light to med greenish/beigish grey; FG; mod-str fol'n; mod-str bi haloes; mod crb banding; mod chl banding; mod ep banding; 1-2% qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-201	18.55	22.31	3.76	1A	Massive Flows	Med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod fol'n; wk crb micro-fractures; wk-mod ser banding; 1-2% qtz stringers up to 1cm; barren
WZ-18-201	22.31	93.91	71.60	1B	Pillowed Flows	Light to med greenish grey; FG; mod-str fol'n; mod bi haloes; mod-str crb banding; mod chl selvedges; mod-str ep banding; wk-mod patchy ser; wk garnet speckles; 1-2% qtz stringers up to 5cm; mn qtz flooding up to 7cm interfingered w/1B; trce PoPy (<1%)
WZ-18-201	93.91	118.75	24.84	7A	Diabase	Med grey; FG; 2% speckled alt'd fspar clasts up to 3cm; mod magnetic; barren
WZ-18-201	118.75	125.44	6.69	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod bi haloes; mod crb banding/stringers/micro-fractures; wk ep banding; trce speckled garnet; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-201	125.44	131.59	6.15	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod crb micro-fractures; wk patchy ep-ser; mn qtz stringers <1cm; barren
WZ-18-201	131.59	139.03	7.44	7C	Lamprophyre	Dark purplish grey; FG-MG; mod bio; mod amphibole; mod crb stringers/spotted; mod magnetic; barren
WZ-18-201	139.03	147.36	8.33	1B	Pillowed Flows	Light to med greenish grey; FG; mod fol'n; mod bi; mod crb banding; mod chl; mod-str ep banding; wk patchy ser; wk garnet speckles; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-201	147.36	148.78	1.42	4B	Feldspar Porphyry	Light to med purplish grey; FG-MG; mod albite banding; 5% fspar pheons; mod bi lathes elongated parallel to fol'n; wk chl stringers; mod ser-sil flooding; mod crb stringers; trce garnet speckles; barren
WZ-18-201	148.78	152.85	4.07	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; wk crb micro-fractures; wk ep-ser banding; mn qtz stringers up to 1cm; barren
WZ-18-201	152.85	153.47	0.62	1ALT	Altered Mafic Volcanic	Light to med greenish/beigish grey; FG; mod bi-ser-crb-act alt'n; mod ep bands; str fol'n; mn qtz stringers up to 1cm; mn qtz flooding up to 7cm which appears to have trapped massive sulphides; 12-15% PoPy; 1-2% Cpy
WZ-18-201	153.47	162.56	9.09	1A	Massive Flows	Med to dark greenish grey; FG; mod-str fol'n; mod crb stringers; wk-mod ep banding; wk patchy ser; trce garnet speckles; mn qtz stringers <1cm; From 155.50 to 156 are broken pieces of core; barren
WZ-18-201	162.56	168.64	6.08	6B	Gabbro	Light to med greenish grey; MG; mod fol'n; mod crb stringers; wk ep banding; wk ser patchy; trce garnet speckles; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-201	168.64	171.48	2.84	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/30% MG wkly corroded wkly elongated fsp phenos parallel to fol'n; mod fol'n; wk albite bands; wk ser banding; barren
WZ-18-201	171.48	205.33	33.85	6B	Gabbro	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod fol'n; wk-mod shearing; mod crb stringers; wk ep banding; wk ser patchy; mn qtz stringers up to 3cm; trce PoPy (<1%)
WZ-18-201	205.33	207.50	2.17	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; wk crb stringers; wk ep banding; wk patchy ser; mn qtz stringers <1cm; barren
WZ-18-201	207.50	231.03	23.53	6B	Gabbro	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod-str fol'n; mod-str shearing; mod crb stringers; wk ep banding; wk ser banding; wk kspar banding; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-201	231.03	231.55	0.52	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod-str fol'n; mod-str silicified; wk albite banding; mod chl banding; 1-2% PoPy
WZ-18-201	231.55	236.87	5.32	6B	Gabbro	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod-str fol'n; mod-str shearing; mod crb stringers; wk ser banding; mn qtz stringers <1m; trce PoPy (<1%)
WZ-18-201	236.87	243.47	6.60	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod bi; mod crb banding; mod chl; mod ep banding; wk patchy ser; mn qtz stringers up to 1cm; trce PoPy (<1%)
WZ-18-201	243.47	286.66	43.19	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; mod crb stringers; wk patchy ep; trce garnet speckles; wk-mod patchy ser; mn qtz stringers up to 2cm; From 265.54 to 265.88m is QV both contacts sharp UC at 80°ca LC at 50°ca barren; mn qtz flooding up to 3cm; From 278.37 to 278.45m is QV alt'd w/chl-ep-bi both contacts sharp and at 40°ca barren; trce PoPy (<1%)
WZ-18-201	286.66	292.33	5.67	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod bi; mod crb banding; mod chl; mod ep banding; wk patchy ser; wk garnet speckles; mn qtz stringers up to 1cm; trce PoPy (<1%)

WZ-18-201	292.33	296.13	3.80	4B	Feldspar Porphyry	Light to med purplish grey; FG groundmass w/40% MG wkly corroded; mod albite banding; wk chl stringers; mod ser flooding; wk-mod crb stringers; mn qtz stringers up to 1cm; mn qtz flooding up to 4cm; barren
WZ-18-201	296.13	326.92	30.79	1B	Pillowed Flows	Med greenish/brownish grey; FG; mod fol'n; wk-mod bleached light green banding; mod bi; mod crb banding; mod chl; mod ep banding; wk-mod garnet speckles; mn qtz stringers up to 2cm w/wk patchy ser; From 312.19 to 312.32m is QV interfingering w/bi-chl-ep and mn 1B; trce PoPy (<1%)
WZ-18-201	326.92	337.75	10.83	1A	Massive Flows	Med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod fol'n; wk-mod bi banding; mod crb stringers; wk-mod ep banding; wk ser banding; mn qtz stringers up to 3cm; trce PoPy(<1%)
WZ-18-201	337.75	414.15	76.40	6B	Gabbro	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod fol'n; wk-mod shearing; mod crb stringers; wk ep banding; wk ser banding/patchy; trce garnet speckles; 1-2% of 5B/4E intrusions; mn qtz stringers up to 3cm; From 413.63 to 413.95m very str chl-ser-ep alt'n towards contact with 4E unit; trce PoPy (<1%)
WZ-18-201	414.15	415.00	0.85	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mod qtz stringers/flooding <1cm; 5-7% PoPy; trce SphCpy (<1%)
WZ-18-201	415.00	420.43	5.43	6B	Gabbro	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod fol'n; wk-mod shearing; mod crb stringers; wk-mod ep banding; wk-mod ser banding; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-201	420.43	455.90	35.47	1A	Massive Flows	Light to med greenish grey; FG-MG; varying degrees of grains size in some sections (1Z?); mod-str fol'n; mod-str shearing; wk bi banding; mod crb stringers; wk-mod ep banding; wk ser banding; mn qtz flooding up to 3cm; trce PoPy(<1%); From 436.70 to 436.81 is strongly alt'd 1A w/ chl-sil-ser flooding w/2-5% PoPy; From 447.68 to 447.94m is 6B both contacts sharp UC at 30°ca LC at 55°ca
WZ-18-201	455.90	460.33	4.43	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod bi; mod crb banding; wk crb micro-fractures parallel to fol'n; mod chl; mod ep banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-201	460.33	478.07	17.74	1A	Massive Flows	Light to med greenish grey; FG; mod fol'n; mod shearing; mod crb stringers; wk-mod ep banding; wk albite banding; wk ser banding; trce patchy kspar; 1-2% qtz flooding up to 5cm; mn 4E intrusion up to 4cm; mn PoPy (1-2%)
WZ-18-201	478.07	483.74	5.67	SH	Shear	Light to med greenish/yellowish/beigish grey; FG; hosted in 1A; mod-str bleaching; mod-str micro-fractures x-cutting fol'n; mod-str ser-sil flooding; mod elongated bi lathes parallel to fol'n; wk albite banding; trce-wk kspar banding; From 478.20 to 478.29m 480.35 to 480.4m and 483.3 to 483.39m are areas of brecciation/crack and heal mod mineralization amongst breccia predominately euhedral Py; overall unit mn PoPy (1-2%)
WZ-18-201	483.74	485.21	1.47	1A	Massive Flows	Light to med greenish grey; FG; mod-str fol'n; mod-str shearing; mod crb stringers/micro-fractures x-cutting fol'n; wk-mod bleaching/sil; wk ep banding; wk ser banding; mn 4E intrusion up to 7cm; mn qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-201	485.21	485.72	0.51	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mod qtz stringers up to 1cm; mod qtz flooding towards LC; 7-10% PoPy; 1-2% Sph stringers; trce Cpy (<1%)
WZ-18-201	485.72	486.34	0.62	4ALT	Altered Feldspar Porphyry	Light to med purplish/greenish/beigish grey; FG; str fol'n; str bleaching/sil; wk albite banding; mod chl banding; mn qtz stringers <1cm; 2-5% PoPy
WZ-18-201	486.34	487.14	0.80	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; wk patchy kspar; mod qtz flooding; 10-15% PoPy; trce SphGnCpy (<1%)
WZ-18-201	487.14	487.93	0.79	4ALT	Altered Feldspar Porphyry	Light to med purplish/greenish grey; FG; str fol'n; mod-str silicified; wk albite banding; mod chl banding; mn qtz stringer up to 1cm; From 487.41 to 487.48m is 5B intrusion both contacts sharp and at 60°ca; 2-5% PoPy
WZ-18-201	487.93	488.24	0.31	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; wk patchy kspar; mod qtz flooding; mn 5B intrusion up to 2cm; 5-10% PoPy; trce Sph (<1%)
WZ-18-201	488.24	488.46	0.22	QV	Quartz Vein	Mottled/bluish/beigish VFG-FG; mod ser alt'n; mod patchy ep; wk-mod mica muscovite; 2-4% PoPy
WZ-18-201	488.46	488.92	0.46	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; mn 5B intrusion up to 2cm; trce-wk patchy kspar; wk albite stringer; mn qtz stringers up to 1cm; mod qtz flooding; 10-15% PoPy; trce SphGnCpy (<1%)
WZ-18-201	488.92	500.49	11.57	1A	Massive Flows	Light to med greenish grey; FG; mod fol'n; mod shearing; mod crb stringers/micro-fractures x-cutting fol'n; wk ep banding; wk ser banding; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-201	500.49	501.82	1.33	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; 5-7% PoPy
WZ-18-201	501.82	502.13	0.31	4ALT	Altered Feldspar Porphyry	Light to med purplish/greenish grey; FG; str fol'n; mod-str silicified; wk albite banding; mod chl banding; mn qtz stringer <1cm; 2-5% PoPy
WZ-18-201	502.13	503.62	1.49	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod bi-ser-crb alt'n; mod ep bands; mod-str fol'n; 2-4% PoPy

WZ-18-201	503.62	537.00	33.38	1A	Massive Flows	Light to med greenish grey; FG; mod fol'n; mod crb stringers; mod bi banding; wk mod ep banding w/wk garnet clusters/speckles; trce-wk patchy kspar; wk ser banding; mn 5B intrusions up to 5cm; mn qtz stringers up to 3cm; From 512.13 to 512.62m is QV interfingered w/1A both contacts sharp UC at 50°ca LC at 55°ca; trce PoPy (<1%)
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
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	151.85	152.85	1.00	596875	0.005	5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	152.85	153.41	0.56	596876	0.029	29		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	153.41	154.41	1.00	596877	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	230.00	231.00	1.00	596878	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	231.00	231.55	0.55	596879	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Blank				596880	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	231.55	232.55	1.00	596881	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	412.63	413.63	1.00	596882	0.005	5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	413.63	414.15	0.52	596883	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	414.15	415.00	0.85	596884	0.02	20		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	415.00	416.00	1.00	596885	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	435.65	436.65	1.00	596886	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	436.65	436.95	0.30	596887	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	436.95	437.95	1.00	596888	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	484.21	485.21	1.00	596889	0.254	254		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	OREAS 216				596890	6.75	6750		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	485.21	485.72	0.51	596891	34.5	> 10000	40.9	34.5
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	485.72	486.34	0.62	596892	1.36	1360		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	486.34	487.14	0.80	596893	2.76	2760		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	487.14	487.93	0.79	596894	0.616	616		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	487.93	488.24	0.31	596895	2.33	2330		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	488.24	488.54	0.30	596896	0.305	305		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	488.54	488.92	0.38	596897	0.271	271		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	488.92	489.92	1.00	596898	0.028	28		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	499.49	500.49	1.00	596899	0.048	48		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Blank				596900	0.0025	< 5		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	500.49	501.14	0.65	596901	0.04	40		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	501.14	501.82	0.68	596902	0.081	81		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	501.82	502.13	0.31	596903	0.4	400		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	502.13	502.71	0.58	596904	0.035	35		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	502.71	503.62	0.91	596905	0.12	120		
WZ-18-201	Middle Zone	Actlabs	A18-10561	08-Aug-18	03-Sep-18	Assay	503.62	504.62	1.00	596906	0.01	10		



Hole Number:

WZ-18-202

Drill Rig:

Drill 33

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					24-Jul-2018	12-Aug-2028	
Planned Coordinates		Azimuth:	58	Drill Contractor:	Foraco Canada Ltd		
Easting	646106.06				Dip:	-79	Dates Logged:
Northing	5407749.11	25-Jul-2018	13-Aug-2018				
Elevation(m)	405.73	Depth(m):	1194.00	Logger 1:	Shane Moran		
Final Pick up				Logger 2:	Karen Barlow		
Easting		Core Size:	NQ	Logger 3:			
Northing				Assay Lab:			
Elevation(m)							
Casing							
Purpose of Hole	Bringing Inferred to indicated in Middle Zone	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	Middle zone 995.93 - 1ALT 995.93 - 997.16 - 4ALT 997.16 - 997.60 - 1ALT 997.60 - 998.60 - 4ALT 998.60 - 1000.83 - 1ALT	0.0	62.0	-78.2	5614	planned	69.6
		26.0	62.0	-78.2	5614	3m standa	69.6
		57.0	62.1	-77.9	5609	6m stab 18	69.7
		87.0	60.6	-77.7	5627	6m stab 18	68.2
		117.0	61.6	-77.2	5616	6m stab 18	69.2
		147.0	61.1	-77.2	5620	6m stab 18	68.7
		177.0	60.2	-77.4	5595	6m stab 18	67.8
		219.0	57.5	-76.8	5614	6m stab 18	65.1
		249.0	56.1	-76.9	5600	6m stab 18	63.7
		279.0	59.7	-76.7	5598	6m stab 18	67.3
		312.0	58.9	-76.5	5620	6m stab 18	66.5
		342.0	56.9	-76.4	5604	6m stab 18	64.5
		372.0	58.7	-76.6	5590	at 372m 6"	66.3
		402.0	59.1	-75.0	5540	6m stab 6"	66.7
435.0	56.6	-74.9	5564	6m stab 6"	64.2		
465.0	57.4	-74.8	5561	6m stab 6"	65		
Comments	Shane logged start of hole to 1125m. Karen logged from 1125m to EOH. Cemented from 975 to 1021m. 1054.54 - 1057.9 - 7A	506.0	55.2	-70.6	5581	wedged at	62.8
		521.0	55.8	-68.5	5606	3m standa	63.4
		551.0	57.2	-66.5	5572	hi mag az	89.2
		563.0	58.7	-65.5	5504	at 563 6m	66.3
		594.0	53.7	-64.1	5588	6m standa	61.3
		624.0	52.3	-63.6	5578	6m standa	59.9
		654.0	55.1	-63.4	5575	6m standa	62.7
		684.0	53.9	-62.8	5577	6m standa	61.5
		714.0	54.6	-62.5	5679	hi mag az 6"	73.2
		744.0	55.2	-61.8	5548	6m standa	62.8
		774.0	52.2	-61.5	5605	6m standa	59.8
		804.0	55.8	-60.4	5578	6m standa	63.4
		834.0	56.8	-60.0	5586	6m standa	64.4
		864.0	56.4	-59.6	5591	6m standa	64
894.0	58.9	-59.3	5591	6m standa	66.5		
924.0	60.0	-58.8	5615	Hi mag 64.	72.2		
954.0	61.1	-57.9	5578	6m standa	68.7		
987.0	62.0	-56.4	5596	6m standa	69.6		
1017.0	62.3	-55.4	5586	6m standa	69.9		
1047.0	63.6	-54.6	5600	6m standa	71.2		
1077.0	65.8	-53.6	5613	6m standa	73.4		
1104.0	66.6	-53.1	5582	6m standa	74.2		
1134.0	67.2	-52.7	5592	6m standa	74.8		
1164.0	68.7	-51.6	5573	6m standa	76.3		
1194.0	68.7	-50.6	4411	low mag a	69.5		

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-202	0.00	2.44	2.44	OVB	Overburden	
WZ-18-202	2.44	5.36	2.92	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; wk foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 6B 2.44-2.88 mod foln 30°ca mg lct 30°ca (minor); 4B mg-cg wk-mod foln cts 30°ca; lct 30°ca
WZ-18-202	5.36	10.58	5.22	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill mod foln 30°; lct 40°ca
WZ-18-202	10.58	12.19	1.61	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; wk foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg (shr) uct 40+lct 30°ca
WZ-18-202	12.19	16.66	4.47	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; foln 30°; lct 40°ca; 13.48-13.83 +14.4-14.7 foln stg 30°ca; lct 30°ca
WZ-18-202	16.66	18.77	2.11	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; 16.66 mod stg foln fg mg elongated xtals; 17.30-17.62 6B 30°ca; 17.62-18.77 mg-cg wk foln 30°ca lct
WZ-18-202	18.77	21.30	2.53	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; dk grn blk wk- mod foln 20°ca lct 20°ca
WZ-18-202	21.30	22.95	1.65	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; mod foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; uct 20° mod foln fg 21.30-21.68 20°ca; 21.68-21.8 shr gab 20°ca;mg cg uct 20°ca +lct 40°ca
WZ-18-202	22.95	29.65	6.70	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; mg cg wk foln lct 20°ca; 4B 24.90-25.65 30°ca fg mod stg foln
WZ-18-202	29.65	30.76	1.11	4B	Feldspar Porphyry	Dark purplish-grey fg wk foln; wk mod bio sil elongated phenos weakly stretched/lineated; 20°ca cts fg mod stg foln fg
WZ-18-202	30.76	35.63	4.87	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; wk foln lct 20°ca; foln ; 4B 33.42-33.58 20°ca fg mod stg foln; foln stg alt @35down; lct 20°ca
WZ-18-202	35.63	37.04	1.41	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd;wkfoln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg cg wk foln cts 20°ca
WZ-18-202	37.04	38.26	1.22	1A	Massive Flows	Dark greenish-grey fine- to medium-grained stg foln; Wk mod diss biotite frac controlled chl wk cb alt; 20°ca cts fg mod stg foln fg;lct 20°ca
WZ-18-202	38.26	40.18	1.92	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg wk foln; 20°ca cts
WZ-18-202	40.18	46.02	5.84	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with mm-cm scale beds of mostly chert with chlorite garnet and magnetite. Trace disseminated and blebby pyrrhotite. 10% cm-scale intervals of mafic flow observed. Minor pegmatite dyke on lower contact.wk barren mottled banded gr-red; <1%po magn in matrix 40.18-40.92 1A cts 20°ca
WZ-18-202	46.02	70.50	24.48	1A	Massive Flows	Dark greenish-grey fine- to medium-grained; wk ca frac fill wk-mod foln 30°ca; 4B 52.97-53.82 30°ca; lct 20°ca
WZ-18-202	70.50	72.75	2.25	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with chert with chlorite garnet and magnetite Trace disseminated pyrrhotite; banded 20°ca; gbs 71.85-72.15 20°ca
WZ-18-202	72.75	74.55	1.80	6E	Intermediate Dyke	brn gy colouration; fg stg foln poss fg elongated phenos 4B highly alt
WZ-18-202	74.55	75.68	1.13	3D	Iron Formation	Purplish-grey to greenish-grey to dk gy fg iron fm beds of chert with chlorite garnet and magnetite Tr diss pyrrhotite ;ibid 20°ca lct; 75.10-75.68 20°ca 6e;
WZ-18-202	75.68	104.90	29.22	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; 77.78-77.87 40°ca xcutting fabric qtz ; 4B 80.60-80.85 fg 20°ca; poss shr 71.80-88.10 stg frac ca infill spider web w brxn cts 20°ca; 4B fg 88.48-89.22; 94.36-95.46 stg foln mottled appearance minor po ; 4B 97.75-98.70 25°ca cts 25°ca; lct 25°ca
WZ-18-202	104.90	106.25	1.35	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 25°ca fg stretched
WZ-18-202	106.25	108.28	2.03	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; alt foln 25°mod foln lct 25°ca
WZ-18-202	108.28	113.40	5.12	4B	Feldspar Porphyry	Dark purplish-grey fg-mg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ;fg mg foln 25°ca;lct25°ca
WZ-18-202	113.40	126.47	13.07	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 25°ca; Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric; 4B 117.45-117.88 20°ca; 4B 121.25-121.90 w 25% 1B °; lower contact stg frac and infill 126.3-126.47 w microfracturing and ca infill; lct 15°ca
WZ-18-202	126.47	130.00	3.53	4E	Pegmatite	white pink gy pegmatite w na+k-spar byl w qtz smokey w fg blk oxide in the fg matrix cg towards the outer boundary and fg towards the centre uct 15°ca+ lct 20°ca; stg alt along the upper and lower contacts microfracturing
WZ-18-202	130.00	132.20	2.20	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; alt foln 25°mod foln lct 25°ca
WZ-18-202	132.20	134.06	1.86	1A	Massive Flows	Dark greenish-grey massive fine- to medium-grained; wk ca frac fill wk-mod foln 25°ca.; lct 25°ca
WZ-18-202	134.06	144.10	10.04	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; 6E 142.20-142.72 25°ca; alt foln 25°mod foln lct 25°ca
WZ-18-202	144.10	145.67	1.57	6E	Intermediate Dyke	gy brn unit w elongated small dk xtals (poss tuff?); 4B inclusion @ 144.22-144.35 mg irreg cts; lct 25°ca
WZ-18-202	145.67	158.66	12.99	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; bull qtz w ca on cts 40°ca 153.30-153.50 x-cutting fabric; alt foln 25°mod foln lct 20°ca

WZ-18-202	158.66	159.80	1.14	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 20°ca foln; lct 20ca
WZ-18-202	159.80	201.40	41.60	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; 4B fg mod stg foln elongated xtals 161.55-162.25 20°ca; 4B fg elongated xtals mod cts 20°ca; qtz cb str 188.45-188.95 30°ca; 4B fg 193.68-194.06 20°ca+194.55-195.25; lct 25°ca
WZ-18-202	201.40	209.00	7.60	6B	Gabbro	lt-mod greenish-grey mg-cg; wk to mod chlorite ep alt wk qtz cb infill; magnetite fg diss in matrix; mod foln 25°ca lct25°ca
WZ-18-202	209.00	216.90	7.90	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; 4B 213.15-213.73 30°ca ng-cg wk mod foln 30°ca; lct 30°ca
WZ-18-202	216.90	219.45	2.55	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding; qtz vnl 217.30-217.45 30°ca 30°ca foln; lct 30°ca
WZ-18-202	219.45	231.94	12.49	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 25°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ;6E 224.35-225 15°ca fg-mg wk mod foln 15°ca cts 15°ca; microfracturing w infill 1 mil ca 228.9-229.30; lct 25°ca
WZ-18-202	231.94	249.72	17.78	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln lct 20°ca ;qtz vn 243.80-243.95 40°ca w chl ca; @246.34-249.72 lt-mod greenish-grey mg-cg; wk to mod chlorite ep alt wk qtz cb infill; magnetite fg diss in matrix; mod foln 20°ca lct20°ca
WZ-18-202	249.72	254.76	5.04	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 20°; Wk mod diss biotite frac controlled chl wk cb alt; qtz vnl barren 253.77-253.81 30°ca; 20°ca cts fg mod stg foln fg;lct 20°ca
WZ-18-202	254.76	273.62	18.86	4B	Feldspar Porphyry	254.76-256 Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding; 256-258.60 stg alt sil ser ab alt lt colouration small phenos still visible; 1A 256.53-256.86 20°ca ; dk unit 4B 258.60-260.08; 1A 259.07-259.46 30°ca; 20°ca foln; 1A 260.08-260.36 20°; 4E 262.05*-262.75 aplite 20°ca cts; 1A 263.92-264.51 lct 20°ca; 1A 266.55-266.94 20°ca; 1A 271.23-272.37 15°ca; lct 20°ca
WZ-18-202	273.62	277.66	4.04	4ALT	Altered Feldspar Porphyry	254.76-256 Dark purplish-grey mottled appearance; fg gd; mod-stg bio alt sil ser ab alt w lt colouration and small elongated phenos still visible; py po diss in matrix fg 1-3%; lct 20°ca
WZ-18-202	277.66	278.68	1.02	4B	Feldspar Porphyry	1A 277.66-277.82 30°ca @ upper contact; 4B Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding tr sulphides phenos small but visible foln 15°ca; lct 15°ca
WZ-18-202	278.68	287.60	8.92	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 20° from 278.68-280 w stg bio chl ca alt banded appearance; foln up to ~30°ca 280 down; lct 30°ca
WZ-18-202	287.60	287.95	0.35	3D	Iron Formation	Purplish-grey to greenish-grey to dk gy fg iron fm beds of chert with chlorite garnet and magnetite 1-3% diss pyrrhotite; stg banding; 30°ca lct
WZ-18-202	287.95	289.29	1.34	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° bio chl ca alt; lct 20°ca
WZ-18-202	289.29	292.77	3.48	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 30°ca
WZ-18-202	292.77	294.50	1.73	6E	Intermediate Dyke	brn gy colouration; fg stg foln bio chl alt; 1A 294.12-294.50 30°ca; foln 30°ca; lct 30°ca
WZ-18-202	294.50	296.06	1.56	4B	Feldspar Porphyry	4B Dark purplish-grey fg-mg; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding tr sulphides phenos small but visible foln 20°ca; lct 20°ca
WZ-18-202	296.06	297.75	1.69	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 4B 297.34-297.75 lct 60°; lct 30°ca
WZ-18-202	297.75	297.96	0.21	FZ	Fault Zone	sharp cts 60°ca fragments in interval clear qtz w na+k-spar byl mg-cg hw and fw stg closed frac w ca infill ; rqd=0
WZ-18-202	297.96	299.09	1.13	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric;298-305.63 microfracturing and ca infill closed visible in unit 1B; 4B pristine unaltered 299.08-300.20 20°ca; lct 20°ca
WZ-18-202	299.09	300.20	1.11	4B	Feldspar Porphyry	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 20°ca
WZ-18-202	300.20	305.63	5.43	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 298-305.63 microfracturing and ca infill closed visible in unit 1B; lct 30°ca
WZ-18-202	305.63	311.52	5.89	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln; lct 20°ca
WZ-18-202	311.52	323.20	11.68	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 20°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 6E 20°ca cts 315.08-315.99; microfracturing and stg 1mil + ca infill visible 315.90-318.90 lct 20°ca
WZ-18-202	323.20	324.82	1.62	4ALT	Altered Feldspar Porphyry	Dark purplish-grey mottled appearance; fg gd; mod-stg bio alt sil ser ab alt w lt colouration and minor small elongated phenos still visible; py po diss in matrix fg 1-3%; lct 20°ca

WZ-18-202	324.82	331.15	6.33	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 20°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 20°ca
WZ-18-202	331.15	333.98	2.83	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 30° from w bio chl ab alt; minor frac fill ca 1mil; lct 30°ca
WZ-18-202	333.98	339.77	5.79	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 15°ca
WZ-18-202	339.77	345.80	6.03	7C	Lamprophyre	dk colouration 15°ca; irregular cts 15°ca; brn colouration magnetic
WZ-18-202	345.80	351.06	5.26	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 30°ca
WZ-18-202	351.06	360.20	9.14	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° w bio chl ab alt; minor frac fill ca 1mil; lct 20°ca
WZ-18-202	360.20	383.05	22.85	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 362-362.30 qtz str 30°ca 70% w chl; 4E 367.32-367.37 10°ca x-cutting fabric; lct 30°ca
WZ-18-202	383.05	409.76	26.71	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° w bio chl ab alt; minor frac fill ca 1mil; lct 15°ca
WZ-18-202	409.76	410.54	0.78	FZ	Fault Zone	uct+lct 15°ca w gouge (poss water bearing structure); brxn appearance of alt 1A w chl bio alt w ca frac fill 1-2m; po platy on fracs 1-3% w minor diss magn 1-2%
WZ-18-202	410.54	412.06	1.52	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 20° w bio chl ab alt; minor frac fill ca 1mil; lct 20°ca
WZ-18-202	412.06	438.74	26.68	1B	Pillowed Flows	Dark-lt greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str 1%parallel to fabric; 5B 362-362.30 20°ca x-cutting fabric; lct 20°ca
WZ-18-202	438.74	438.88	0.14	4B	Feldspar Porphyry	4B Dark purplish-grey mg-cg; Wk diss bio and patchy silicification no alteration of feldspar phenocrysts tr sulphides; wk foln 20°ca; lct 20°ca
WZ-18-202	438.88	467.73	28.85	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk foliated 20°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric stg 453-454; 455.35-457.30 stg open and closed fracs lct 20°ca
WZ-18-202	467.73	485.00	17.27	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln; lct 20°ca
WZ-18-202	485.00	486.00	1.00	FZ	Fault Zone	485-485.62 alt gabbroic unit w mod stg fracturing 1-3mil w ca infill chl ep alt minor qtz str frac fill colour yellow grn; 485.62-486 stg open fit w chl bio gouge (dry possible water?) infill dry 4E infill red k-spar 30-40 mil wide following structure w brxn; cts 15°ca
WZ-18-202	486.00	487.18	1.18	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 30; lct 30°ca
WZ-18-202	487.18	488.50	1.32	4B	Feldspar Porphyry	Dark purplish-grey mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln 30°ca; lct °ca
WZ-18-202	488.50	506.56	18.06	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 35°ca; 5b 500-500.05 80°ca; qtz str 55°ca 501.75-501.80; 4E 503.30-503.35 55°ca; 504.40-504.90 fg-mg w mod stg foln 35°ca; lct 35°ca
WZ-18-202	506.56	513.34	6.78	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; lct 35°ca
WZ-18-202	513.34	515.54	2.20	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; approx. 5-10% po+ diss. Highly magnetic. 4B 513.78-513.82 35°ca; Fg- mg gt w bio alt garnets 515.03-515.20 35°ca; lct 35°ca
WZ-18-202	515.54	519.20	3.66	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 4B 517.23-517.40 35°ca; Frac fill 517.40-518.15 wk 5% silic w chl bio alt w 3%po diss 35°ca; lct 35°ca
WZ-18-202	519.20	520.72	1.52	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; approx. 5-10% po+ diss w semi massive frac fill. Highly magnetic. Fg- cg gt w bio alt garnets 520.30-520.63; lct 35°ca
WZ-18-202	520.72	532.73	12.01	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 521.70 527.80 unit more fg-mg w ep chl alt and frac fill ca 1-2mil; lct 35°ca
WZ-18-202	532.73	534.86	2.13	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey dark green mafic unit with a mod-stg degree of chl alt w wk talc alt Stg magnetic properties w diss fg magnetite. Unit is composed predominately of mafic-ultramafic minerals; wk 35°ca foln; lct 35°ca
WZ-18-202	534.86	535.95	1.09	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 35°ca
WZ-18-202	535.95	540.88	4.93	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 35°ca; lct 35°ca
WZ-18-202	540.88	556.04	15.16	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey lt green mafic unit with a mod-stg degree of chl alt w mod stg talc alt 545.10 down stg magnetic properties w diss fg magnetite; FRAC zone 540.88-545.10 stg closed frac w ca infill 1-3mil 15 40 60 80°ca alt mafic ut contact; wk 35°ca foln; lct 20°ca

WZ-18-202	556.04	557.12	1.08	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 20°ca lct
WZ-18-202	557.12	564.76	7.64	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk-mod foliated 20°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 6B mg-cg wk foln 559-561.52 30°ca; 561.52-561.90 fg w open closed fracs w chl ca infill 1-5mil chl bio alt mod stg 30°ca; 561.90-563.48 fg-mg unit wk-mod foln alt; 563.48-564.25 mod- stg foln 20°ca w stg chl bio alt; 564.25-564.76 unaltered 1a wk mod foln30°ca; lct30 °ca
WZ-18-202	564.76	568.15	3.39	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey lt green mafic unit with a mod-stg degree of chl alt w mod stg talc alt w magnetic properties w diss fg magnetite; opn and closed fracs w ca chl infill 1-3mil ; 587.89-568.15 no major alt w chl alt in the lower part of the unit; wk mod 30°ca foln; lct 30°ca
WZ-18-202	568.15	573.14	4.99	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; Wk diss bio and patchy silicification w alteration of feldspar phenocrysts minor elongation tr sulphides; wk-mod foln 20°ca; brkn core 569.67-.74+570.23+570.54; lct 30°ca
WZ-18-202	573.14	616.58	43.44	1A	Massive Flows	Dark-lt greenish-grey fg-mg wk-mod foliated 35°-40ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 573.14-573.48 10-15%po frac fill diss to semi massive w 10-20% silic chl bio ca alt; 574-574.10 po semi massive frac fill 1-5% 3-5 mil wide; 4B mg-578.70-579.50 40°ca; 4B 580.80 580.93 40°ca; 4B 40°ca 587.08-587.11; qtz vnlt xcutting fabric 55°ca; 4B 594.05-594.61 30°ca mg-cg; Bull quartz vein barren 608.68-609.23 30°ca cts x-cutting fabric; qtz vn w chl bio alt 30°ca 610.97-611.13; qtz vnlt 616.36-616.40 30°ca; lct 25°ca
WZ-18-202	616.58	631.20	14.62	4B	Feldspar Porphyry	Dark purplish-grey 616.58-616.78 4B unaltered 616.78-631.20 end of unit; fg-mg; mod diss bio and patchy silicification w alteration of feldspar phenocrysts mod stg elongation; tr sulphides; mod foln 25°ca; 626.43-626.47 60°ca 4E bottom of small unit cut off faulted w brkn core 4E appears to be moving along flt on bottom half of core going down hole; lct 30°ca
WZ-18-202	631.20	679.68	48.48	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30-40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric1-3% w qtz/ca str 1-30mil in width; clear to smokey gy qtz vn 656.18-656.35 50°ca; Qtz ca vein w chl infill 673.56-673.73 30°ca; lct 30°ca
WZ-18-202	679.68	700.42	20.74	1A	Massive Flows	Dark-lt greenish-grey fg-mg wk-mod foliated 35°-40ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 692.81-695.28 mg-cg; 695-700.42 mod stg open fracs 40-50-60-70°ca 698.40-699 unit brkn up; lct 50°ca
WZ-18-202	700.42	703.12	2.70	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; mod diss bio and patchy silicification w alteration of feldspar phenocrysts mod stg elongation; 4E visible in flat lying structures10-20 mil 10°ca x cutting fabric; wk mod qtz ca str parallel to fabric up to 20mil wide; tr sulphides; mod foln 40°ca; 1A 701.28-701.50 uct 70+lct 40°ca; lct 30°ca
WZ-18-202	703.12	737.54	34.42	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str <1%parallel to fabric; 718.80-718.94 frac fill qtz str w chl bio ca alt 30°ca w tr po py; 718.94-720.94 30°ca minor alt sil; 4B 723.46-723.77 30°ca; 1B 40°ca 735.46-736.38; 1B 737.05-737. 40; 40°ca lct
WZ-18-202	737.54	742.10	4.56	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; int-mafic dyke brwn cts 30°ca 737.92-738.08; lct 40°ca
WZ-18-202	742.10	743.18	1.08	1A	Massive Flows	Dark-lt greenish-grey fg-cg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 742.71-743 6E 30°ca; lct30°ca
WZ-18-202	743.18	780.00	36.82	7A	Diabase	Dark grey brn; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); jts 15 40 60 70°ca; uct sharp 30°ca lct 50°ca
WZ-18-202	780.00	801.58	21.58	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; 4E aplitic albite white lt blue w fg blk oxides 30°ca 780.76-781.40; 782.34-784 brkn core 50% (mechanical?); 7A 793.98-794.18 uct 40°+lct 30°ca; foln wk-mod 40°ca; 798-801.58 mod foln fg-mg (1A) lct 50°ca
WZ-18-202	801.58	806.00	4.42	1A	Massive Flows	Dark-lt greenish-grey fg-cg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; lct 40°ca
WZ-18-202	806.00	812.78	6.78	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric 1-3% w qtz/ca str 1-20mil in width; qtz vein w chl bio ca alt stg sil 30-40% w 10-12% po frac fill 809.45-809.75; 4B irregular contacts x cutting fabric 40°ca fragment or raft of 4B within the 1B; lct 30°ca
WZ-18-202	812.78	814.95	2.17	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; ab banding wk silic chl ser alt w pheno elongated; tr sulphides; mod foln 30°ca; lct 30°ca
WZ-18-202	814.95	829.13	14.18	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric 1-3% w qtz/ca str 1-20mil in width; 4B 15°ca 814.95-815.16; 4B 815.20 815.40 10-15°ca; 4B 816-816.12 50°ca; x cutting fabric of 1B; lct 40°ca

WZ-18-202	829.13	835.60	6.47	1A	Massive Flows	Dark-lt greenish-grey fg-cg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; mg-cg 831.86-834.33; lct 40°ca
WZ-18-202	835.60	842.24	6.64	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric 1-3% w qtz/ca str 1-20mil in width; 1A 841.61-842.24 lct60°ca; lct 60°ca sharp
WZ-18-202	842.24	844.28	2.04	4E	Pegmatite	k+spar white to pink in colouration in a stg qtz matrix w aplitic albite white to blue colouration muscovite mica small book mica w byl and small spotty blk+red fg oxides in matrix; quartz is smokey in colouration; no foln and cts sharp 60°ca
WZ-18-202	844.28	846.17	1.89	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; lct 40°ca
WZ-18-202	846.17	852.62	6.45	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric 1-3% w qtz/ca str 1-20mil in width; 4B 849.35-849.45 cts 40°ca; lct 40°ca sharp
WZ-18-202	852.62	865.80	13.18	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 1B 859.95-860.8 40°ca; 1B 862.66-863.65 40°ca; 1B 865.80-866.80 40°ca; lct 40°ca
WZ-18-202	865.80	894.64	28.84	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; mod stg speckled gt; wk mod qtz cb str parallel to fabric 1-5% w qtz/ca str 1-20mil in width; qtz vein gy colouration 877.40-877.68 cts 40°ca; qtz vnlit 879.33-879.43 40°ca w qtz ca lct °ca minor chl tr py small spotty; 6E 882.90-883.03 40°ca; Stg open and closed fractures 15°ca w chl ca infill; lct 40°ca
WZ-18-202	894.64	907.28	12.64	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; banded w alt bio chl ca ep gt stg foln 40 °ca tr py po <5% silic; 4B 906.94-907.12 50°ca; 899.70-899.9 lct 40°ca
WZ-18-202	907.28	913.35	6.07	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; qtz vein clear barren w sharp contacts uct 30°ca+ lct 40°ca; lct 40°ca
WZ-18-202	913.35	916.42	3.07	4D	Felsite	light flesh coloured fg unit vugged na spar and k-spar; 915.12-916.42 stg qtz perthite aplitic albite; uct 40°ca+lct 30°ca
WZ-18-202	916.42	919.50	3.08	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 50°ca; lct 50°ca
WZ-18-202	919.50	923.86	4.36	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 919.57-919.68 50°ca 4D; 921.88-923.86 banded w alt bio chl ca ep gt stg foln 40 °ca tr py po <5% silic; lct 40°ca ; 930.10-931.54 stg bio alt fg brn colour 930.54-931.54 mod stg foln 30-50-40°ca w qtz ca bio and chl alt; 4B 906.94-907.12 50°ca; lct 40°ca
WZ-18-202	923.86	934.47	10.61	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 50°ca; QZ vn barren 925-93-926.12 50°ca; 930.10-931.54 stg bio alt fg brn colour 930.54-931.54 mod stg foln 30-50-40°ca w qtz ca bio and chl alt; lct 40°ca
WZ-18-202	934.47	966.42	31.95	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 947-947.20 core brkn up w frags (mechanical?); Fracturing stg closed and open 30 40 50 60°ca w chl ca infill; 1A 6B fg-mg w mod stg foln; lct 40°ca
WZ-18-202	966.42	968.46	2.04	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; mod stg speckled gt; wk mod qtz cb str parallel to fabric 1-5% w qtz/ca str 1-20mil in width; tr fg po py spotty in matrix; lct 40°ca
WZ-18-202	968.46	993.40	24.94	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 969-969.20 w small shr 969.17-969.20 brxn w ca chl sharp layered contact 50°ca+970.43-970.60 brxn and infill w layered uct 970.43-970.50 50 °ca w lct 30°ca; Fracturing stg closed w infill 910.83-971.19 w chl ca infill; wk-mod frac closed w infill to 988; 980.60-980.75 garnet biotite chl alt stg foln cts 50°ca; lct50°ca
WZ-18-202	993.40	994.13	0.73	7A	Diabase	Dark grey brn; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); uct undulating 50°ca lct 20°ca
WZ-18-202	994.13	995.35	1.22	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill; lct 50°ca
WZ-18-202	995.35	995.93	0.58	1ALT	Altered Mafic Volcanic	Dark greenish-grey to dark grey to dark brownish grey fine-grained moderately to strongly sheared pillowed mafic flow. Moderate to strong banded to patchy chlorite-epidote-biotite-silica alteration; 3-5% disseminated po py; lct 40°ca
WZ-18-202	995.93	997.16	1.23	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; lct40°ca

WZ-18-202	997.16	997.60	0.44	1ALT	Altered Mafic Volcanic	Dark greenish-grey to dark grey to dark brownish grey fine-grained moderately to strongly sheared pillowed mafic flow. Moderate to strong banded to patchy chlorite-epidote-biotite-silica alteration; 5-7% fg disseminated po py; lct 40°ca
WZ-18-202	997.60	998.60	1.00	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; lct40°ca
WZ-18-202	998.60	1000.83	2.23	1ALT	Altered Mafic Volcanic	Dark greenish-grey to dark grey to dark brownish grey fine-grained moderately to strongly sheared pillowed mafic flow. Moderate to strong banded to patchy chlorite-epidote-biotite-silica alteration; 998.60-998.92 40°ca stg alt 20-40% qtz w 8-10% py po; 998.92-1000.83 3-5% fg disseminated po py w qtz str @ intervals <5%; lct 40°ca
WZ-18-202	1000.83	1020.74	19.91	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill; 1002.83-1003.12 qtz frac fill str 10% qtz w diss po py fg 3-5%cts 40°ca; two veins w cts 20°ca tr py po fg diss along cts 40-60% qtz w 30% 1A; 1003.82-1007 mod-stg frac closed w 21-3 mil infill 0-90°; qtz vn 1005.36-1005.54 30°ca; 1005.54-1007.69 3-5% qtz ca str 10-30mil 30-40-50°ca 1007.69-1014.92 1A wk alt; qtz str frac fill 10% qtz 5-7% po py 30°ca cts; 4B 1019.74-1019.82 40°ca; lct 35°ca
WZ-18-202	1020.74	1027.56	6.82	5B	Granodiorite	fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; 5B 1020.74-1021.29 35°ca; 1A 1021.29-1021.7 cts 40°ca; 5B 1021.72-1023 30°ca;
WZ-18-202	1027.56	1029.80	2.24	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill; 40°ca
WZ-18-202	1029.80	1030.80	1.00	5B	Granodiorite	fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; cts40°ca sharp
WZ-18-202	1030.80	1049.70	18.90	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill 0-90°ca closed 1-3mil; 4B 1037.10-1037.25 30°ca; brkn fragments mech? 1037.39-1037.90+1038-1038.14;4B 1039.06-1039.13 40°ca; 5B 1039.29-1039.45 30°ca; 5B 1044.33-1044.94 uct40°ca+lct 20°ca w qtz str x cutting fabric 60°ca 1044.61-1044.64; closed frac stg 1049.30-1049.70; 1049.30-1049.35 frac fill str w visible offsets 10mil; 40°ca lct
WZ-18-202	1049.70	1054.54	4.84	5B	Granodiorite	massive altered unit; fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; later stage fracss 0-90° visible closed w ca/ankerite infill infilling and late stage felpspathic infill infilling (pink to red discolouration) of 5B; tr py po frac infill and alt haloes; cts40°ca sharp
WZ-18-202	1054.54	1058.90	4.36	7A	Diabase	Med to dark grey; VFG-FG; w/2-5% alt'd fsp clasts up to 3cm; mn qtz-crb stringer <1cm; mod-str magnetic; 5B minor 1055.23-1055.33 70°ca; 1A 1058.90-1060.31 uct 70°ca+lct 30°ca iregular stg closed frac brxn w stg ca infill ; lct70°ca
WZ-18-202	1058.90	1060.31	1.41	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill 0-90°ca closed 1-3mil; 5B str 1059.43-1059.80 15°ca 20-mil wide; 30°ca lct
WZ-18-202	1060.31	1061.73	1.42	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; uct30°ca+lct40°ca
WZ-18-202	1061.73	1065.26	3.53	5B	Granodiorite	Massive fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; lct40°ca sharp
WZ-18-202	1065.26	1065.68	0.42	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; uct30°ca+lct40°ca
WZ-18-202	1065.68	1067.94	2.26	5B	Granodiorite	Massive fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; lct40°ca sharp
WZ-18-202	1067.94	1079.90	11.96	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; mod stg speckled gt; wk mod qtz cb str parallel to fabric 1-5% w qtz/ca str 1-20mil in width; 6E 1068.06-1068.25 40°ca; 4B 1069.40-1070.25 40°ca; wk closed fractures w chl ca infill; lct 40°ca

WZ-18-202	1079.90	1084.42	4.52	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; cts40°ca
WZ-18-202	1084.42	1105.90	21.48	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill 0-90°ca closed 1-3mil; 1B 1084.42-1085.42 40°ca; qtz vn 30°ca chl alt 1092.62-1092.92 30°ca; 40°ca lct
WZ-18-202	1105.90	1106.60	0.70	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated;lct40°ca
WZ-18-202	1106.60	1111.30	4.70	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill 0-90°ca closed 1-3mil; 40°ca lct
WZ-18-202	1111.30	1111.88	0.58	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated;lct40°ca
WZ-18-202	1111.88	1116.94	5.06	1A	Massive Flows	Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1% parallel to fabric; wk-mod frac closed w infill 0-90°ca closed 1-3mil; 10°ca lct
WZ-18-202	1116.94	1122.96	6.02	5B	Granodiorite	Massive fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; lct10°ca sharp
WZ-18-202	1122.96	1127.78	4.82	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; banded chlorite-biotite-silica alteration; mod stg speckled gt; wk mod qtz cb str parallel to fabric 1-5% w qtz/ca str 1-20mil in width; 6E 1068.06-1068.25 40°ca; 4B 1069.40-1070.25 40°ca; wk closed fractures w chl ca infill; mn QV barren up to 7cm; mn 5B intrusion up to 8cm; lct 40°ca
WZ-18-202	1127.78	1129.80	2.02	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG-MG; mod-str fol'n; mod-str silicified; mod albite banding; wk chl banding; 1-2% PoPy
WZ-18-202	1129.80	1131.31	1.51	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/35% MG-CG wkly corroded wkly elongated fsp phenos parallel to fol'n; mod fol'n; wk albite bands; mn 5B intrusion up to 7cm; mn qtz stringer <1cm; barren
WZ-18-202	1131.31	1132.84	1.53	1A	Massive Flows	Med to dark greenish grey; FG-MG (12?); wk-mod fol'n; wk crb micro-fractures; wk patchy ep; wk banded ser; mn qtz stringers <1cm; barren
WZ-18-202	1132.84	1146.23	13.39	1B	Pillowed Flows	Med to greenish greenish grey; FG; mod fol'n; mod bi; mod crb banding; mod chl; mod ep banding; wk patchy ser; wk garnet speckles; mn qtz stringers up to 2cm; mn 6A intrusion up to 12cm; trce PoPy (<1%)
WZ-18-202	1146.23	1147.20	0.97	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod-str fol'n; mod-str silicified; wk-mod albite banding; wk chl banding; mn 4E intrusion up to 28cm; 1-2% PoPy
WZ-18-202	1147.20	1155.91	8.71	1B	Pillowed Flows	Med to greenish greenish grey; FG; mod fol'n; mod bi; mod crb banding; mod chl; mod-str ep banding; wk patchy ser; wk garnet speckles; mn qtz stringers up to 4cm; mn 5B intrusion up to 2cm; trce PoPy (<1%)
WZ-18-202	1155.91	1157.30	1.39	6A	Diorite	Med greenish/whitish/brownish grey; MG-CG; mod interstitial bi; wk patchy albite; mod chl; wk crb stringers; barren
WZ-18-202	1157.30	1160.29	2.99	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; mod crb micro-fractures; mn qtz stringers <1cm; barren
WZ-18-202	1160.29	1164.24	3.95	5B	Granodiorite	Whitish/beigish/pinkish grey; MG; 35% mafic speckling; mn qtz stringer up to 2cm; wk-mod disseminated qtz; trce garnet speckles; barren
WZ-18-202	1164.24	1176.26	12.02	1B	Pillowed Flows	Med to greenish greenish grey; FG; mod fol'n; mod bi; mod crb banding; mod chl; mod ep banding; wk garnet speckles; mn qtz flooding up to 15cm interfingered w/1B; trce PoPy (<1%)
WZ-18-202	1176.26	1178.19	1.93	1M	Mafic Debris Flow	Med greenish grey w/intermittent purplish banding of; fragmental w/localized shearing; mod crb; mod chl; mod bi; wk-mod ser banding; most prominent fragments consist of 1A w/6A and mn 6B and 4B fragments/intrusions; mn qtz stringers <1cm; trce PoPy (<1%)
WZ-18-202	1178.19	1183.74	5.55	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; mod crb micro-fractures; mn qtz stringer up to 1cm; mn qtz flooding up to 6cm; mn 5B intrusions up to 12cm; barren
WZ-18-202	1183.74	1194.00	10.26	5B	Granodiorite	Whitish/beigish/pinkish grey; MG; there appears to be several generations in sequence; 35% mafic speckling; mn qtz stringer up to 4cm; wk-mod disseminated qtz; trce garnet speckles; mn 6B (12?) clast up to 6cm; barren
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
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	272.62	273.62	1.00	597316	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	273.62	274.62	1.00	597317	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	274.62	275.62	1.00	597318	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	275.62	276.62	1.00	597319	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Blank				597320	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	276.62	277.66	1.04	597321	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	277.66	278.68	1.02	597322	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	286.60	287.60	1.00	597323	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	287.60	287.95	0.35	597324	0.019	19		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	287.95	288.95	1.00	597325	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	322.44	323.20	0.76	597326	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	323.20	324.00	0.80	597327	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	324.00	324.82	0.82	597328	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	324.82	325.82	1.00	597329	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	OREAS 215				597330	3.4	3400		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	512.34	513.34	1.00	597331	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	513.34	514.34	1.00	597332	0.026	26		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	514.34	515.00	0.66	597333	0.111	111		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	515.00	515.54	0.54	597334	0.005	5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	515.54	516.34	0.80	597335	0.008	8		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	516.34	517.23	0.89	597336	0.006	6		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	517.23	518.15	0.92	597337	0.009	9		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	518.15	519.20	1.05	597338	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	519.20	520.00	0.80	597339	0.005	5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Blank				597340	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	520.00	520.72	0.72	597341	0.083	83		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	520.72	521.72	1.00	597342	0.01	10		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	533.86	534.86	1.00	597343	0.014	14		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	534.86	535.95	1.09	597344	0.013	13		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	535.95	536.97	1.02	597345	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	555.04	556.04	1.00	597346	0.025	25		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	556.04	557.12	1.08	597347	0.017	17		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	557.12	558.12	1.00	597348	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	572.14	573.14	1.00	597349	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	OREAS 216				597350	6.33	6330		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	573.14	573.48	0.34	597351	0.011	11		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	573.48	574.48	1.00	597352	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	808.45	809.45	1.00	597353	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	809.45	809.75	0.30	597354	0.012	12		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	809.75	810.75	1.00	597355	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	994.35	995.35	1.00	597356	0.18	180		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	995.35	995.93	0.58	597357	1.13	1130		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	995.93	996.50	0.57	597358	0.103	103		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	996.50	997.16	0.66	597359	0.213	213		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Blank				597360	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	997.16	997.60	0.44	597361	0.451	451		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	997.60	998.60	1.00	597362	0.148	148		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	998.60	998.92	0.32	597363	1.37	1370		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	998.92	999.79	0.87	597364	0.146	146		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	999.79	1000.83	1.04	597365	0.187	187		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1000.83	1001.83	1.00	597366	0.029	29		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1001.83	1002.82	0.99	597367	0.005	5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1002.82	1003.12	0.30	597368	0.01	10		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1003.12	1003.82	0.70	597369	0.007	7		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	OREAS 210				597370	5.25	5250		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1003.82	1004.82	1.00	597371	0.011	11		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1004.82	1005.82	1.00	597372	0.006	6		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1005.82	1006.82	1.00	597373	0.01	10		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1006.82	1007.82	1.00	597374	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1013.92	1014.92	1.00	597375	0.022	22		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1014.92	1015.22	0.30	597376	0.268	268		
WZ-18-202	Middle Zone	Actlabs	A18-10789	13-Aug-18	19-Sep-18	Assay	1015.22	1016.22	1.00	597377	0.011	11		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1019.74	1020.74	1.00	597378	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1020.74	1021.72	0.98	597379	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Blank				597380	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1021.72	1022.72	1.00	597381	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1022.72	1023.72	1.00	597382	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1023.72	1024.72	1.00	597383	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1024.72	1025.72	1.00	597384	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1025.72	1026.72	1.00	597385	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1026.72	1027.56	0.84	597386	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1027.56	1028.56	1.00	597387	0.005	5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1028.56	1029.10	0.54	597388	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1029.10	1029.86	0.76	597389	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	OREAS 215				597390	3.61	3610		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1029.86	1030.80	0.94	597391	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1030.80	1031.80	1.00	597392	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1059.36	1060.36	1.00	597393	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1060.36	1061.73	1.37	597394	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1061.73	1062.73	1.00	597395	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1062.73	1063.73	1.00	597396	0.0025	< 5		

WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1063.73	1064.73	1.00	597397	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1064.73	1065.26	0.53	597398	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1065.26	1065.68	0.42	597399	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Blank				597400	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1065.68	1066.68	1.00	597401	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1078.90	1079.90	1.00	597402	0.011	11		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1079.90	1080.90	1.00	597403	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1080.90	1081.90	1.00	597404	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1081.90	1082.90	1.00	597405	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1082.90	1083.50	0.60	597406	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1083.50	1084.42	0.92	597407	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1084.42	1085.42	1.00	597408	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1104.90	1105.90	1.00	597409	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	OREAS 216				597410	6.59	6590		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1105.90	1106.60	0.70	597411	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1106.60	1107.60	1.00	597412	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1107.60	1108.60	1.00	597413	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1108.60	1109.60	1.00	597414	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1109.60	1110.30	0.70	597415	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1110.30	1111.30	1.00	597416	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1111.30	1111.88	0.58	597417	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1111.88	1112.88	1.00	597418	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1126.00	1127.00	1.00	597419	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Blank				597420	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1127.00	1127.78	0.78	597421	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1127.78	1128.50	0.72	597422	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1128.50	1129.00	0.50	597423	0.009	9		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1129.00	1129.80	0.80	597424	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1129.80	1130.50	0.70	597425	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1130.50	1131.31	0.81	597426	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1131.31	1132.31	1.00	597427	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1145.23	1146.23	1.00	597428	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1146.23	1146.68	0.45	597429	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	OREAS 210				597430	5.41	5410		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1146.68	1147.20	0.52	597431	0.0025	< 5		
WZ-18-202	Middle Zone	Actlabs	A18-10790	13-Aug-18	23-Aug-18	Assay	1147.20	1148.20	1.00	597432	0.006	6		



Hole Number:	WZ-18-202W
Drill Rig:	Drill 33
Claim Number:	

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:
Surface					12-Aug-2018	18-Aug-2018
<u>Planned Coordinates</u>		Azimuth:	58	Drill Contractor:	Foraco Canada Ltd	
Easting	646106.06					
Northing	5407749.11	Dip:	-79	Dates Logged:	Start Date:	End Date:
Elevation(m)	405.73				13-Aug-2018	19-Aug-2018
<u>Final Pick up</u>		Depth(m):	1047.00	Logger 1:	Karen Barlow	
Easting						
Northing		Core Size:	NQ	Logger 2:		
Elevation(m)						
Casing				Logger 3:		
					Assay Lab:	

Purpose of Hole	Deep Fill in Drilling Middle Zone	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	955.44 – 958.04 - 4ALT 958.04 – 959.64 - 1ALT 961.69 – 962.62 - 1ALT	0.0	62.0	-78.2		planned	69.6
		26.0	62.0	-78.2	5614	3m standa	69.6
		57.0	62.1	-77.9	5609	6m stab 18	69.7
		87.0	60.6	-77.7	5627	6m stab 18	68.2
		117.0	61.6	-77.2	5616	6m stab 18	69.2
		147.0	61.1	-77.2	5620	6m stab 18	68.7
		177.0	60.2	-77.4	5595	6m stab 18	67.8
		219.0	57.5	-76.8	5614	6m stab 18	65.1
		249.0	56.1	-76.9	5600	6m stab 18	63.7
		279.0	59.7	-76.7	5598	6m stab 18	67.3
Comments	Shane M logged top of pilot hole; Karen B logged wedge hole to EOH. From 745.19 to 768.68m is 7A (diabase). From 849.49 to 851.61m is 4E (pegmatite). From 1030.92 to 1034.27m is 7A (diabase).	312.0	58.9	-76.5	5620	6m stab 18	66.5
		342.0	56.9	-76.4	5604	6m stab 18	64.5
		372.0	58.7	-76.6	5590	at 372 6m	66.3
		402.0	59.1	-75.0	5540	6m stab 18	66.7
		435.0	56.6	-74.9	5564	6m stab 18	64.2
		465.0	57.4	-74.8	5561	6m stab 18	65
		506.0	55.2	-70.6	5581	3m standa	62.8
		521.0	55.8	-68.5	5606	3m standa	63.4
		551.0	57.2	-66.6	5572	bad az 92.2	89.2
		563.0	58.7	-65.5	5504	at 563 3m	66.3
Azimuth corrected to 7.6 degrees west declination		594.0	53.7	-64.1	5588	6m standa	61.3
		624.0	52.3	-63.6	5578	6m standa	59.9
		654.0	55.1	-63.4	5575	6m standa	62.7
		684.0	53.9	-62.8	5577	6m standa	61.5
		728.0	55.0	-57.7	5525	wedge at 7	62.6
		758.0	53.4	-54.8	5636	3m standa	61
		789.0	55.6	-54.0	5577	at 770 6m	63.2
		822.0	56.7	-53.5	5575	6m std; 18	64.3
		852.0	56.1	-52.4	5570	6m std; 18	63.7
		882.0	55.7	-51.6	5579	6m std; 18	63.3
912.0	57.4	-50.5	5570	6m std; 18	65		
942.0	59.1	-47.3	5592	6m std; 18	66.7		
972.0	57.0	-46.5	5575	6m std; 18	64.6		
1002.0	57.7	-44.7	5585	6m std; 18	65.3		
1032.0	57.9	-43.9	5579	6m std; 18	65.5		
1041.0	57.8	-43.6	5598	6m std; 18	65.4		

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-202W	0.00	2.44	2.44	OVB	Overburden	
WZ-18-202W	2.44	5.36	2.92	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; wk foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 6B 2.44-2.88 mod foln 30°ca mg lct 30°ca (minor); 4B mg-cg wk-mod foln cts 30°ca; lct 30°ca
WZ-18-202W	5.36	10.58	5.22	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill mod foln 30°; lct 40°ca
WZ-18-202W	10.58	12.19	1.61	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; wk foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg (shr) uct 40+lct 30°ca
WZ-18-202W	12.19	16.66	4.47	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; foln 30°; lct 40°ca; 13.48-13.83 +14.4-14.7 foln stg 30°ca; lct 30°ca
WZ-18-202W	16.66	18.77	2.11	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; 16.66 mod stg foln fg mg elongated xtals; 17.30-17.62 6B 30°ca; 17.62-18.77 mg-cg wk foln 30°ca lct
WZ-18-202W	18.77	21.30	2.53	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; dk grn blk wk- mod foln 20°ca lct 20°ca
WZ-18-202W	21.30	22.95	1.65	4B	Feldspar Porphyry	Dark purplish-grey fine- to medium-grained; mod foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; uct 20° mod foln fg 21.30-21.68 20°ca; 21.68-21.8 shr gab 20°ca;mg cg uct 20°ca +lct 40°ca
WZ-18-202W	22.95	29.65	6.70	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; mg cg wk foln lct 20°ca; 4B 24.90-25.65 30°ca fg mod stg foln
WZ-18-202W	29.65	30.76	1.11	4B	Feldspar Porphyry	Dark purplish-grey fg wk foln; wk mod bio sil elongated phenos weakly stretched/lineated; 20°ca cts fg mod stg foln fg
WZ-18-202W	30.76	35.63	4.87	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; wk foln lct 20°ca; foln ; 4B 33.42-33.58 20°ca fg mod stg foln; foln stg alt @35down; lct 20°ca
WZ-18-202W	35.63	37.04	1.41	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd;wkfoln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg cg wk foln cts 20°ca
WZ-18-202W	37.04	38.26	1.22	1A	Massive Flows	Dark greenish-grey fine- to medium-grained stg foln; Wk mod diss biotite frac controlled chl wk cb alt; 20°ca cts fg mod stg foln fg;lct 20°ca
WZ-18-202W	38.26	40.18	1.92	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg wk foln; 20°ca cts
WZ-18-202W	40.18	46.02	5.84	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with mm-cm scale beds of mostly chert with chlorite garnet and magnetite. Trace disseminated and blebby pyrrhotite. 10% cm-scale intervals of mafic flow observed. Minor pegmatite dyke on lower contact.wk barren mottled banded gr-red; <1%po magn in matrix 40.18-40.92 1A cts 20°ca
WZ-18-202W	46.02	70.50	24.48	1A	Massive Flows	Dark greenish-grey fine- to medium-grained; wk ca frac fill wk-mod foln 30°ca; 4B 52.97-53.82 30°ca; lct 20°ca
WZ-18-202W	70.50	72.75	2.25	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with chert with chlorite garnet and magnetite Trace disseminated pyrrhotite; banded 20°ca; gbs 71.85-72.15 20°ca
WZ-18-202W	72.75	74.55	1.80	6E	Intermediate Dyke	brn gy colouration; fg stg foln poss fg elongated phenos 4B highly alt
WZ-18-202W	74.55	75.68	1.13	3D	Iron Formation	Purplish-grey to greenish-grey to dk gy fg iron fm beds of chert with chlorite garnet and magnetite Tr diss pyrrhotite ;ibid 20°ca lct; 75.10-75.68 20°ca 6e;
WZ-18-202W	75.68	104.90	29.22	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; 77.78-77.87 40°ca xcutting fabric qtz ; 4B 80.60-80.85 fg 20°ca; poss shr 71.80-88.10 stg frac ca infill spider web w brxn cts 20°ca; 4B fg 88.48-89.22; 94.36-95.46 stg foln mottled appearance minor po ; 4B 97.75-98.70 25°ca cts 25°ca; lct 25°ca
WZ-18-202W	104.90	106.25	1.35	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 25°ca fg stretched
WZ-18-202W	106.25	108.28	2.03	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; alt foln 25°mod foln lct 25°ca
WZ-18-202W	108.28	113.40	5.12	4B	Feldspar Porphyry	Dark purplish-grey fg-mg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts :fg mg foln 25°ca;lct25°ca
WZ-18-202W	113.40	126.47	13.07	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 25°ca; Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric; 4B 117.45-117.88 20°ca; 4B 121.25-121.90 w 25% 1B °; lower contact stg frac and infill 126.3-126.47 w microfracturing and ca infill; lct 15°ca
WZ-18-202W	126.47	130.00	3.53	4E	Pegmatite	white pink gy pegmatite w na+k-spar byl w qtz smokey w fg blk oxide in the fg matrix cg towards the outer boundary and fg towards the centre uct 15°ca+ lct 20°ca; stg alt along the upper and lower contacts microfracturing
WZ-18-202W	130.00	132.20	2.20	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; alt foln 25°mod foln lct 25°ca
WZ-18-202W	132.20	134.06	1.86	1A	Massive Flows	Dark greenish-grey massive fine- to medium-grained; wk ca frac fill wk-mod foln 25°ca.; lct 25°ca
WZ-18-202W	134.06	144.10	10.04	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; 6E 142.20-142.72 25°ca; alt foln 25°mod foln lct 25°ca
WZ-18-202W	144.10	145.67	1.57	6E	Intermediate Dyke	gy brn unit w elongated small dk xtals (poss tuff?); 4B inclusion @ 144.22-144.35 mg irreg cts; lct 25°ca
WZ-18-202W	145.67	158.66	12.99	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; bull qtz w ca on cts 40°ca 153.30-153.50 x-cutting fabric; alt foln 25°mod foln lct 20°ca

WZ-18-202W	158.66	159.80	1.14	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 20°ca foln; lct 20ca
WZ-18-202W	159.80	201.40	41.60	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; 4B fg mod stg foln elongated xtals 161.55-162.25 20°ca; 4B fg elongated xtals mod cts 20°ca; qtz cb str 188.45-188.95 30°ca; 4B fg193.68-194.06 20°ca+194.55-195.25; lct 25°ca
WZ-18-202W	201.40	209.00	7.60	6B	Gabbro	lt-mod greenish-grey mg-cg; wk to mod chlorite ep alt wk qtz cb infill; magnetite fg diss in matrix; mod foln 25°ca lct25°ca
WZ-18-202W	209.00	216.90	7.90	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ; 4B 213.15-213.73 30°ca ng-cg wk mod foln 30°ca; lct 30°ca
WZ-18-202W	216.90	219.45	2.55	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding; qtz vnlt 217.30-217.45 30°ca 30°ca foln; lct 30°ca
WZ-18-202W	219.45	231.94	12.49	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 25°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric ;6E 224.35-225 15°ca fg-mg wk mod foln 15°ca cts 15°ca; microfracturing w infill 1 mil ca 228.9-229.30; lct 25°ca
WZ-18-202W	231.94	249.72	17.78	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln lct 20°ca ;qtz vn 243.80-243.95 40°ca w chl ca; @246.34-249.72 lt-mod greenish-grey mg-cg; wk to mod chlorite ep alt wk qtz cb infill; magnetite fg diss in matrix; mod foln 20°ca lct20°ca
WZ-18-202W	249.72	254.76	5.04	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 20°; Wk mod diss biotite frac controlled chl wk cb alt; qtz vnlt barren 253.77-253.81 30°ca; 20°ca cts fg mod stg foln fg;lct 20°ca
WZ-18-202W	254.76	273.62	18.86	4B	Feldspar Porphyry	254.76-256 Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding; 256-258.60 stg alt sil ser ab alt lt colouration small phenos still visible; 1A 256.53-256.86 20°ca ; dk unit 4B 258.60-260.08; 1A 259.07-259.46 30°ca; 20°ca foln; 1A 260.08-260.36 20°; 4E 262.05*-262.75 aplite 20°ca cts; 1A 263.92-264.51 lct 20°ca; 1A 266.55-266.94 20°ca; 1A 271.23-272.37 15°ca; lct 20°ca
WZ-18-202W	273.62	277.66	4.04	4ALT	Altered Feldspar Porphyry	254.76-256 Dark purplish-grey mottled appearance; fg gd; mod-stg bio alt sil ser ab alt w lt colouration and small elongated phenos still visible; py po diss in matrix fg 1-3%; lct 20°ca
WZ-18-202W	277.66	278.68	1.02	4B	Feldspar Porphyry	1A 277.66-277.82 30°ca @ upper contact; 4B Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding tr sulphides phenos small but visible foln 15°ca; lct 15°ca
WZ-18-202W	278.68	287.60	8.92	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 20° from 278.68-280 w stg bio chl ca alt banded appearance; foln up to ~30°ca 280 down; lct 30°ca
WZ-18-202W	287.60	287.95	0.35	3D	Iron Formation	Purplish-grey to greenish-grey to dk gy fg iron fm beds of chert with chlorite garnet and magnetite 1-3% diss pyrrhotite; stg banding; 30°ca lct
WZ-18-202W	287.95	289.29	1.34	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° bio chl ca alt; lct 20°ca
WZ-18-202W	289.29	292.77	3.48	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 30°ca
WZ-18-202W	292.77	294.50	1.73	6E	Intermediate Dyke	brn gy colouration; fg stg foln bio chl alt; 1A 294.12-294.50 30°ca; foln 30°ca; lct 30°ca
WZ-18-202W	294.50	296.06	1.56	4B	Feldspar Porphyry	4B Dark purplish-grey fg-mg; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding tr sulphides phenos small but visible foln 20°ca; lct 20°ca
WZ-18-202W	296.06	297.75	1.69	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 4B 297.34-297.75 lct 60°; lct 30°ca
WZ-18-202W	297.75	297.96	0.21	FZ	Fault Zone	sharp cts 60°ca fragments in interval clear qtz w na+k-spar byl mg-cg hw and fw stg closed frac w ca infill ; rqd=0
WZ-18-202W	297.96	299.09	1.13	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric;298-305.63 microfracturing and ca infill closed visible in unit 1B; 4B pristine unaltered 299.08-300.20 20°ca; lct 20°ca
WZ-18-202W	299.09	300.20	1.11	4B	Feldspar Porphyry	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 20°ca
WZ-18-202W	300.20	305.63	5.43	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 298-305.63 microfracturing and ca infill closed visible in unit 1B; lct 30°ca
WZ-18-202W	305.63	311.52	5.89	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln; lct 20°ca
WZ-18-202W	311.52	323.20	11.68	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 20°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 6E 20°ca cts 315.08-315.99; microfracturing and stg 1mil + ca infill visible 315.90-318.90 lct 20°ca
WZ-18-202W	323.20	324.82	1.62	4ALT	Altered Feldspar Porphyry	Dark purplish-grey mottled appearance; fg gd; mod-stg bio alt sil ser ab alt w lt colouration and minor small elongated phenos still visible; py po diss in matrix fg 1-3%; lct 20°ca

WZ-18-202W	324.82	331.15	6.33	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 20°ca;Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 20°ca
WZ-18-202W	331.15	333.98	2.83	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod stg foln 30° from w bio chl ab alt; minor frac fill ca 1mil; lct 30°ca
WZ-18-202W	333.98	339.77	5.79	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 15°ca
WZ-18-202W	339.77	345.80	6.03	7C	Lamprophyre	dk colouration 15°ca; irregular cts 15°ca; brn colouration magnetic
WZ-18-202W	345.80	351.06	5.26	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; lct 30°ca
WZ-18-202W	351.06	360.20	9.14	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° w bio chl ab alt; minor frac fill ca 1mil; lct 20°ca
WZ-18-202W	360.20	383.05	22.85	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric; 362-362.30 qtz str 30°ca 70% w chl; 4E 367.32-367.37 10°ca x-cutting fabric; lct 30°ca
WZ-18-202W	383.05	409.76	26.71	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 30° w bio chl ab alt; minor frac fill ca 1mil; lct 15°ca
WZ-18-202W	409.76	410.54	0.78	FZ	Fault Zone	uct+lct 15°ca w gouge (poss water bearing structure); brxn appearance of alt 1A w chl bio alt w ca frac fill 1-2m; po platy on fracs 1-3% w minor diss magn 1-2%
WZ-18-202W	410.54	412.06	1.52	1A	Massive Flows	Dark greenish-grey fine- to medium-grained mod foln 20° w bio chl ab alt; minor frac fill ca 1mil; lct 20°ca
WZ-18-202W	412.06	438.74	26.68	1B	Pillowed Flows	Dark-It greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str 1%parallel to fabric; 5B 362-362.30 20°ca x-cutting fabric; lct 20°ca
WZ-18-202W	438.74	438.88	0.14	4B	Feldspar Porphyry	4B Dark purplish-grey mg-cg; Wk diss bio and patchy silicification no alteration of feldspar phenocrysts tr sulphides; wk foln 20°ca; lct 20°ca
WZ-18-202W	438.88	467.73	28.85	1A	Massive Flows	Dark-It greenish-grey fine-grained wk foliated 20°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric stg 453-454; 455.35-457.30 stg open and closed fracs lct 20°ca
WZ-18-202W	467.73	485.00	17.27	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln; lct 20°ca
WZ-18-202W	485.00	486.00	1.00	FZ	Fault Zone	485-485.62 alt gabbroic unit w mod stg fracturing 1-3mil w ca infill chl ep alt minor qtz str frac fill colour yellow grn; 485.62-486 stg open fit w chl bio gouge (dry possible water?) infill dry 4E infill red k-spar 30-40 mil wide following structure w brxn; cts 15°ca
WZ-18-202W	486.00	487.18	1.18	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 30; lct 30°ca
WZ-18-202W	487.18	488.50	1.32	4B	Feldspar Porphyry	Dark purplish-grey mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln 30°ca; lct °ca
WZ-18-202W	488.50	506.56	18.06	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 35°ca; 5b 500-500.05 80°ca; qtz str55°ca 501.75-501.80; 4E 503.30-503.35 55°ca; 504.40-504.90 fg-mg w mod stg foln 35°ca; lct 35°ca
WZ-18-202W	506.56	513.34	6.78	1A	Massive Flows	Dark-It greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; lct 35°ca
WZ-18-202W	513.34	515.54	2.20	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; approx. 5-10% po+ diss. Highly magnetic. 4B 513.78-513.82 35°ca; Fg- mg gt w bio alt garnets 515.03-515.20 35°ca; lct 35°ca
WZ-18-202W	515.54	519.20	3.66	1A	Massive Flows	Dark-It greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 4B 517.23-517.40 35°ca; Frac fill 517.40-518.15 wk 5% silic w chl bio alt w 3%po diss35°ca; lct 35°ca
WZ-18-202W	519.20	520.72	1.52	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; approx. 5-10% po+ diss w semi massive frac fill. Highly magnetic. Fg- cg gt w bio alt garnets 520.30-520.63; lct 35°ca
WZ-18-202W	520.72	532.73	12.01	1A	Massive Flows	Dark-It greenish-grey fine-grained wk-mod foliated 35°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 521.70 527.80 unit more fg-mg w ep chl alt and frac fill ca 1-2mil;lct 35°ca
WZ-18-202W	532.73	534.86	2.13	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey dark green mafic unit with a mod-stg degree of chl alt w wk talc alt Stg magnetic properties w diss fg magnetite. Unit is composed predominately of mafic-ultramafic minerals; wk 35°ca foln; lct 35°ca
WZ-18-202W	534.86	535.95	1.09	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 35°ca
WZ-18-202W	535.95	540.88	4.93	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 35°ca; lct 35°ca
WZ-18-202W	540.88	556.04	15.16	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey lt green mafic unit with a mod-stg degree of chl alt w mod stg talc alt 545.10 down stg magnetic properties w diss fg magnetite; FRAC zone 540.88-545.10 stg closed frac w ca infill 1-3mil 15 40 60 80°ca alt mafic ut contact; wk 35°ca foln; lct 20°ca

WZ-18-202W	556.04	557.12	1.08	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 20°ca lct
WZ-18-202W	557.12	564.76	7.64	1A	Massive Flows	Dark-lt greenish-grey fine-grained wk-mod foliated 20°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 6B mg-cg wk foln 559-561.52 30°ca; 561.52-561.90 fg w open closed fracs w chl ca infill 1-5mil chl bio alt mod stg 30°ca; 561.90-563.48 fg-mg unit wk-mod foln alt; 563.48-564.25 mod-stg foln 20°ca w stg chl bio alt; 564.25-564.76 unaltered 1a wk mod foln30°ca; lct30 °ca
WZ-18-202W	564.76	568.15	3.39	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey lt green mafic unit with a mod-stg degree of chl alt w mod stg talc alt w magnetic properties w diss fg magnetite; opn and closed fracs w ca chl infill 1-3mil ; 587.89-568.15 no major alt w chl alt in the lower part of the unit; wk mod 30°ca foln; lct 30°ca
WZ-18-202W	568.15	573.14	4.99	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; Wk diss bio and patchy silicification w alteration of feldspar phenocrysts minor elongation tr sulphides; wk-mod foln 20°ca; brkn core 569.67-.74+570.23+570.54; lct 30°ca
WZ-18-202W	573.14	616.58	43.44	1A	Massive Flows	Dark-lt greenish-grey fg-mg wk-mod foliated 35°-40ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 573.14-573.48 10-15%po frac fill diss to semi massive w 10-20% silic chl bio ca alt; 574-574.10 po semi massive frac fill 1-5% 3-5 mil wide; 4B mg-578.70-579.50 40°ca; 4B 580.80-580.93 40°ca; 4B 40°ca 587.08-587.11; qtz vnlt xcutting fabric 55°ca; 4B 594.05-594.61 30°ca mg-cg; Bull quartz vein barren 608.68-609.23 30°ca cts x-cutting fabric; qtz vn w chl bio alt 30°ca 610.97-611.13; qtz vnlt 616.36-616.40 30°ca; lct 25°ca
WZ-18-202W	616.58	631.20	14.62	4B	Feldspar Porphyry	Dark purplish-grey 616.58-616.78 4B unaltered 616.78-631.20 end of unit; fg-mg; mod diss bio and patchy silicification w alteration of feldspar phenocrysts mod stg elongation; tr sulphides; mod foln 25°ca; 626.43-626.47 60°ca 4E bottom of small unit cut off faulted w brkn core 4E appears to be moving along flt on bottom half of core going down hole; lct 30°ca
WZ-18-202W	631.20	679.68	48.48	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30-40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric1-3% w qtz/ca str 1-30mil in width; clear to smokey gy qtz vn 656.18-656.35 50°ca; Qtz ca vein w chl infill 673.56-673.73 30°ca; lct 30°ca
WZ-18-202W	679.68	700.42	20.74	1A	Massive Flows	Dark-lt greenish-grey fg-mg wk-mod foliated 35°-40ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str >1%parallel to fabric; 692.81-695.28 mg-cg; 695-700.42 mod stg open fracs 40-50-60-70°ca 698.40-699 unit brkn up; lct 50°ca
WZ-18-202W	700.42	703.12	2.70	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; mod diss bio and patchy silicification w alteration of feldspar phenocrysts mod stg elongation; 4E visible in flat lying structures10-20 mil 10°ca x cutting fabric; wk mod qtz ca str parallel to fabric up to 20mil wide; tr sulphides; mod foln 40°ca; 1A 701.28-701.50 uct 70+lct 40°ca; lct 30°ca
WZ-18-202W	703.12	734.52	31.40	1A	Massive Flows	<WEDGE at 710m> Dark-lt greenish-grey fg-mg mod foliated 40°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str <1%parallel to fabric; 718.80-718.94 frac fill qtz str w chl bio ca alt 30°ca w tr po py; 718.94-720.94 30°ca minor alt sil; 4B 723.46-723.77 30°ca; 1B 40°ca 735.46-736.38; 1B 737.05-737.40; 40°ca lct; Continued w/wedge - varying degrees of grain size (1Z?); From 718.28 to 720.17 is mod-strly silicified 1A w/ wk crb stringers; wk bio banding; wk-mod patchy ep; mn qtz
WZ-18-202W	734.52	743.46	8.94	6B	Gabbro	stringers up to 6cm; mn instrsuion of 6E up to 5cm; barren Med to dark greenish grey; MG; wk fol'n; mod pervasive speckled leucoxene; wk-mod ep banding; 1-2% qtz stringers up to 5cm; mn 6E intrusion up to 13cm; mn sections of 1A throughout unit
WZ-18-202W	743.46	745.19	1.73	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk patcy ep; mod crb micro-fractures/stringers; mn qtz stringer up to 2cm; barren
WZ-18-202W	745.19	768.68	23.49	7A	Diabase	Med-dark grey; FG-MG; yellowish clasts up to 3cm; mod-str magnetic; grain size increases slightly moving down hole and again decreases towards LC; trce
WZ-18-202W	768.68	788.07	19.39	6B	Gabbro	PoPy(<1%) Med to dark greenish grey; MG-CG; mod fol'n; mod shearing in some sections; wk-mod crb stringers; wk ep bands; wk albite banding w/ ptachy ep-gar; mod qtz stringers up to 2cm; trce PoPy (<1%)
WZ-18-202W	788.07	790.30	2.23	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; mod crb micro-fractures/stringers; mn qtz stringer <1cm; barren
WZ-18-202W	790.30	794.21	3.91	1B	Pillowed Flows	Med greenish grey; FG; mod-str fol'n; mod stringer crb; mod banded chl; mod ep banding; wk patchy ser; wk speckled garnets; mn qtz stringers up to 2cm; trce
WZ-18-202W	794.21	799.17	4.96	1A	Massive Flows	PoPy (<1%); Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk-mod crb micro-fractures/stringers; mn qtz stringer <1cm; mn 5B intrsuion up to 5cm; barren
WZ-18-202W	799.17	800.66	1.49	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; mod banded chl; mod ep banding; wk patchy ser; wk speckled garnets; mn qtz stringers <1cm; trce PoPy (<1%);
WZ-18-202W	800.66	802.45	1.79	4B	Feldspar Porphyry	Med purplish grey; FG groundmass w/40% MG wkly corroded; mod fol'n; wk elongated fsp phenos parallel to fol'n'n; wk crb fracture-infill; mod ser flooding; mod sil; wk-mod albite banding; mn qtz flooding up to 1cm; barren

WZ-18-202W	802.45	826.52	24.07	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; mod banded chl; mod ep banding; trce ser banding; wk-mod speckled garnets; mn qtz stringers up to 5cm w/ ep alt'n speckled garnet; Closer to UC there are qtz-crb fracture-infill (crack/heal); trce PoPy (<1%)
WZ-18-202W	826.52	840.56	14.04	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk-mod crb stringers; wk-mod patchy ep; mn qtz stringer up to 4cm; mn 6E intrsuion up to 15cm; trce PoPy (<1%)
WZ-18-202W	840.56	842.79	2.23	5B	Granodiorite	Whitish/beigish/pinkish grey; MG; 40% mafic speckling; wk ser banding; mn qtz stringer up to 2cm; trce garnet speckles; mod sil; mn 1A clast up to 6cm; barren
WZ-18-202W	842.79	849.49	6.70	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; mod chl alt'n; mod ep banding; wk patchy ser; wk speckled garnets; mn qtz stringers <1cm; mn 6E intrusion up to 6cm; barren
WZ-18-202W	849.49	851.61	2.12	4E	Pegmatite	Whitish/pinkish/beigish grey; FG-CG; 1-5% bi speckles/flakes; wk-mod chl stringers; wk-mod patchy ep; wk patchy ser; mod micaceous; wk garnet speckles; wk patchy kspar; trce Mo(<1%)
WZ-18-202W	851.61	881.24	29.63	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod-str crb stringer; mod bi haloes; mod banded chl; mod ep banding; wk patchy ser; wk speckled garnets; mn qtz stringers up to 2cm; From 880.82 to 881.07m is 4B both contacts sharp UC at 40°ca LC at 60°ca; trce PoPy(<1%)
WZ-18-202W	881.24	891.89	10.65	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk crb stringers; wk albite banding; wk patchy ep; wk ser banding; mn qtz stringer up to 2cm; trce PoPy (<1%)
WZ-18-202W	891.89	897.95	6.06	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; wk-mod ep banding; wk se banding; From 895.93 to 897.22 is mod-strly bleached/silicified mod-str bio alt'n mn qtz stringer up to 2cm; barren
WZ-18-202W	897.95	909.32	11.37	6B	Gabbro	Med to dark greenish grey; MG-CG; wk fol'n; wk-mod crb stringers; wk albite banding; wk ep banding; wk ser banding; mn qtz stringer up to 1cm; trce PoPy (<1%)
WZ-18-202W	909.32	932.77	23.45	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk-mod crb stringers; wk patchy ep; some areas str sil/bleached; mn qtz stringer up to 1cm; barren
WZ-18-202W	932.77	937.58	4.81	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod stringer crb; mod chl alt'n; wk-mod ep banding; wk speckled garnets; mn qtz stringers up to 4cm; trce PoPy (<1%)
WZ-18-202W	937.58	955.44	17.86	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk-mod crb stringers; wk patchy ep; trce ser stringer; mn qtz stringer up to 3cm; From 948.39 to 948.68m and 951.84 to 952.07m are units of 7A all contacts sharp UC and LC both at 50°ca UC at 35°ca and LC at 20°ca respectively; trce PoPy (<1%)
WZ-18-202W	955.44	958.04	2.60	4ALT	Altered Feldspar Porphyry	Light to med purplish/greenish/beigish grey; FG; mod-str fol'n; mod-str bleaching/sil; trce albite banding; wk-mod chl banding; mn qtz stringers up to 1cm; ~13% of unit consists of 1ALT up to 13cm; 2-4% PoPy; trce Sph stringer (<1%)
WZ-18-202W	958.04	959.64	1.60	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; str fol'n; mod-str shearing; mod bi-ser-crb alt'n; mod ep bands; 1-2% qtz stringers up to 1cm; 10-15% PoPy; trce SphCpy (<1%)
WZ-18-202W	959.64	961.69	2.05	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod chl-bi alt'n; wk-mod crb stringers; wk patchy ep; trce ser stringer; mn qtz stringer up to 1cm; barren
WZ-18-202W	961.69	962.62	0.93	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; str fol'n; mod-str shearing; mod bi-ser-crb alt'n; mod ep bands; 1-2% qtz stringers up to 1cm; qtz flooding throughout entire unit prodominately towards margin of LC; brecciated up to 4cm at LC; 15-20% PoPy; trce SphCpy (<1%)
WZ-18-202W	962.62	972.34	9.72	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl alt'n; wk-mod crb micro fracture-infill/stringers; wk ep banding; mn qtz stringer <1cm; trce PoPy (<1%)
WZ-18-202W	972.34	979.65	7.31	5B	Granodiorite	Whitish/beigish/purplish grey; MG; 40% mafic speckling; mn qtz stringer up to 2cm; mod speckled albite; wk-mod silicified; trce garnet speckles; mn 1A units up to 18cm; barren
WZ-18-202W	979.65	982.08	2.43	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk crb stringers; wk ep banding; mn qtz stringer <1cm; trce PoPy (<1%)
WZ-18-202W	982.08	988.76	6.68	5B	Granodiorite	Whitish/beigish/pinkish grey; MG; 40% mafic speckling; mod speckled albite; mod silicified; wk chl banding; wk-mod patchy ser; wk crb micro fracture-infill; mn qtz stringer up to 1cm; barren
WZ-18-202W	988.76	989.53	0.77	1ALT	Altered Mafic Volcanic	Light to med greenish/brownish grey; FG; mod-str fol'n; mod bi-ser-crb alt'n; mod ep bands; trce albite banding; mn qtz stringer; 1-2% PoPy
WZ-18-202W	989.53	999.89	10.36	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk-mod crb micro fracture-infill/stringers; wk ser banding; wk patchy ep; mn qtz stringer up to 2cm; From 991.74 to 992.25m is crack/heal (FZ?); From 996 to 996.49m is 7A both contacts sharp UC at 40°ca LC at 35°ca; trce PoPy (<1%)
WZ-18-202W	999.89	1004.30	4.41	6B	Gabbro	Med to dark greenish grey; MG; wk fol'n; mod crb stringers; wk albite banding; wk ep banding; wk ser banding; mn qtz stringer up to 1cm; barren
WZ-18-202W	1004.30	1008.41	4.11	5B	Granodiorite	Whitish/beigish/purplish grey; MG; 40% mafic speckling; mn qtz stringer up to 2cm; mod speckled albite; wk-mod silicified; mn 1A units up to 12cm; barren
WZ-18-202W	1008.41	1013.65	5.24	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; mod bi haloes; mod stringer crb; mod chl alt'n; wk ep banding; wk speckled garnets; mn qtz stringers <1cm; barren
WZ-18-202W	1013.65	1017.12	3.47	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk-mod crb micro fracture-infill/stringers; wk ep banding; mn qtz stringer up to 1cm; barren

WZ-18-202W	1017.12	1018.00	0.88	4ALT	Altered Feldspar Porphyry	Light to med purplish/beigish grey; FG; mod-str fol'n; mod-str bleaching/sil; wk albite banding; mod crb micro fracture-infill; wk-mod chl stringers; mn qtz stringers <1cm; 2-4% PoPy
WZ-18-202W	1018.00	1022.47	4.47	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk crb stringers; wk albite banding; wk-mod ep banding; mn qtz stringer up to 4cm; trce PoPy (<1%)
WZ-18-202W	1022.47	1023.07	0.60	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod-str fol'n; mod-str bleaching/sil; trce albite banding; wk crb micro fracture-infill; wk chl stringers; mn qtz stringers <1cm; 2-4% PoPy
WZ-18-202W	1023.07	1027.16	4.09	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk-mod crb micro fracture-infill/stringers; wk-mod ep banding; mn qtz stringer up to 1cm; mn 5B intrusion up to 8cm; trce PoPy (<1%)
WZ-18-202W	1027.16	1028.10	0.94	QV	Quartz Vein	Mottled; VFG-FG; wk-mod chl stringers; wk patchy ep; mn clasts of 1A; From 1027.35 to 1027.67 is 4ALT(?)/strly silicified 1A(?) w/mod-str albite banding str sil; trce PoPy(<1%)
WZ-18-202W	1028.10	1030.92	2.82	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod crb micro fracture-infill/stringers; wk-mod ep banding; mn qtz stringer <1cm; trce PoPy (<1%)
WZ-18-202W	1030.92	1034.27	3.35	7A	Diabase	Med-dark grey; FG-MG; yellowish clasts up to 2cm; mod-str magnetic; barren
WZ-18-202W	1034.27	1036.26	1.99	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; mod crb stringers; wk-mod ep banding; mn qtz stringer <1cm; mn 7A intrusion up to 3cm; mn 6E intrusion up to 1cm; trce PoPy (<1%)
WZ-18-202W	1036.26	1038.78	2.52	4ALT	Altered Feldspar Porphyry	Light to med purplish grey; FG; mod-str fol'n; mod-str bleaching/sil; wk-mod albite banding; wk crb micro fracture-infill; wk chl stringers; mn qtz stringers up to 3cm; 1-2% PoPy
WZ-18-202W	1038.78	1047.00	8.22	1A	Massive Flows	Med greenish grey; FG; mod fol'n; mod chl-bi alt'n; wk-mod crb stringers; wk ep banding; mn qtz stringer up to 1cm; barren
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
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	954.27	955.27	1.00	597433	0.044	44		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	955.27	955.57	0.30	597434	0.274	274		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	955.57	956.00	0.43	597435	0.31	310		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	956.00	956.42	0.42	597436	0.135	135		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	956.42	957.00	0.58	597437	2.95	3020	2.95	
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	957.00	957.54	0.54	597438	0.057	57		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	957.54	958.04	0.50	597439	0.276	276		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Blank				597440	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	958.04	958.50	0.46	597441	194	> 10000	218	194
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	958.50	959.00	0.50	597442	1.38	1380		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	959.00	959.64	0.64	597443	0.205	205		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	959.64	960.00	0.36	597444	0.022	22		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	960.00	961.00	1.00	597445	0.08	80		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	961.00	961.69	0.69	597446	0.05	50		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	961.69	962.00	0.31	597447	0.132	132		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	962.00	962.62	0.62	597448	0.179	179		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	962.62	963.30	0.68	597449	0.014	14		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	OREAS 215				597450	3.45	3450		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	963.30	964.00	0.70	597451	0.02	20		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	964.00	965.00	1.00	597452	0.008	8		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	988.00	989.00	1.00	597453	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	989.00	989.53	0.53	597454	0.026	26		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	989.53	990.53	1.00	597455	0.005	5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1016.12	1017.12	1.00	597456	0.007	7		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1017.12	1018.00	0.88	597457	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1018.00	1019.00	1.00	597458	0.007	7		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1021.47	1022.47	1.00	597459	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Blank				597460	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1022.47	1023.07	0.60	597461	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1023.07	1024.07	1.00	597462	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1026.16	1027.16	1.00	597463	0.009	9		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1027.16	1027.67	0.51	597464	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1027.67	1028.10	0.43	597465	0.029	29		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1028.10	1029.10	1.00	597466	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1035.26	1036.26	1.00	597467	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1036.26	1037.00	0.74	597468	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1037.00	1038.00	1.00	597469	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	OREAS 210				597470	5.37	5370		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1038.00	1038.78	0.78	597471	0.0025	< 5		
WZ-18-202W	Middle Zone	Actlabs	A18-11409	22-Aug-18	20-Sep-18	Assay	1038.78	1039.78	1.00	597472	0.0025	< 5		



Hole Number:

WZ-18-204

Drill Rig:

Drill 33

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:	
Surface					19-Aug-2018	31-Aug-2018	
<u>Planned Coordinates</u>		Azimuth:	61	Drill Contractor:	Foraco Canada Ltd		
Easting	646106.6						
Northing	5407749.11	Dip:	-74	Dates Logged:	Start Date:	End Date:	
Elevation(m)	405.73				20-Aug-2018	1-Sep-2018	
<u>Final Pick up</u>		Depth(m):	1020.00	Logger 1:	Shane Moran		
Easting				Logger 2:			
Northing		Core Size:	NQ	Logger 3:			
Elevation(m)				Assay Lab:			
Casing							
Purpose of Hole	Delineate MZ and FZ	Dip Tests					
		Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
Results	3D 33.42-813.42 small intervals; 7C 349.90-354.54; FZ 567.95-568.41, 569.88-571.40; 4Alt 629.22-630.16; 7A 669.12-669.42; 7A 708.16-720.97; 7A 724.93-725.73; 4Alt 730.68-731.40; QV 748-748.57; 4Alt 748.57-749.04; 4Alt 751.84-752.34; SH 893.85-	0.0	61.1	-73.8	5597	Planned	68.7
		23.0	61.1	-73.8	5597	3m stab CE	68.7
		53.0	63.9	-73.4	5577	3m stab CE	71.5
		84.0	76.4	-73.0	5573	at 71/84	84
		114.0	63.1	-73.1	5573	6M stab C	70.7
		144.0	61.9	-72.3	5572	6M stab C	69.5
		174.0	59.7	-72.1	5630	6M stab C	67.3
		204.0	59.2	-71.9	5584	6M stab C	66.8
		234.0	61.6	-71.3	5573	6M stab C	69.2
		264.0	61.9	-70.9	5580	6M stab C	69.5
Comments	1)Unit had numerous 3D silicified w sulphides 2)7A and 7C intersected 3)FZ + sh intersected 4)MZ intersected at ~930 4B and 5B following intersection 5) Stg 4Alt towards the end of the hole. DDH cement interval 905-948m	294.0	62.3	-71.0	5564	at 273m 6	69.9
		324.0	60.6	-71.5	5570	6M stand	68.2
		354.0	60.7	-71.4	5665	hi mag az 65.4	
		384.0	60.8	-71.4	5573	at 396 6m	68.4
		408.0	60.8	-70.5	5578		68.4
		438.0	63.0	-68.5	5585		70.6
		468.0	63.4	-66.8	5970	hi mag az 8	91.4
		480.0	63.7	-65.9	5559	changed bi	71.3
		507.0	62.9	-65.1	5719	at 480 6m	81.3
		537.0	62.1	-65.1	5578		69.7
Azimuth corrected to 7.6 degrees west declination		567.0	60.3	-64.9	5580	changed bi	67.9
		594.0	60.9	-64.0	5584		68.5
		624.0	60.8	-63.2	5575		68.4
		654.0	62.0	-62.6	5578	changed bi	69.6
		684.0	61.5	-62.0	5576		69.1
		714.0	61.2	-61.3	5657		68.8
		744.0	63.7	-61.0	5576	changed bi	71.3
		777.0	62.7	-60.2	5558		70.3
		807.0	63.9	-59.5	5578		71.5
		831.0	63.1	-59.2	5576		70.7
861.0	64.5	-58.3	5578		72.1		
891.0	64.0	-57.3	5571		71.6		
921.0	65.3	-56.8	5579		72.9		
957.0	64.9	-56.1	5581	963 chang	72.5		
987.0	65.5	-56.1	5545		73.1		
1020.0	67.0	-55.0	5578	6m stand 1	73.1		

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-204	0.00	3.86	3.86	OVB	Overburden	rounded pebbles and cobbles ovb
WZ-18-204	3.86	4.71	0.85	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; wk foln; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg (shr)lct 40°ca
WZ-18-204	4.71	9.30	4.59	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill mod foln 30°; lct 30°ca
WZ-18-204	9.30	10.76	1.46	4B	Feldspar Porphyry	Dark purplish-grey mg-cg; wk foln 30°ca; Wk diss bio and patchy silicification alteration feldspar phenocrysts; mg-cg (shr)lct 30°ca
WZ-18-204	10.76	13.87	3.11	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; foln 25° going up to 40°ca; lct 50°ca
WZ-18-204	13.87	15.94	2.07	4B	Feldspar Porphyry	Dark purplish-grey medium to CG; mod stg foln 30°ca; fg mg elongated xtals bio sercitic alt; open frac jts 80°ca+30°ca; 40°ca lct
WZ-18-204	15.94	29.77	13.83	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite alt wk qtz cb infill; dk grn blk wk- mod foln 30°ca; 6E 18.40-19.2 40°ca; 4B 17.82-18.1 50°ca; 4B 18.4-19.2 40°ca; 4B 23-23.3 40°ca; 4B 24.32-25.28 30°ca; 4B 28.34-28.64 30°ca; lct 20°ca
WZ-18-204	29.77	33.42	3.65	4B	Feldspar Porphyry	Dark purplish-grey medium to CG; mod stg foln 30°ca; fg mg elongated xtals bio sercitic alt; open frac jts 80°ca; tr spotty fg diss po py; 1A 30.92-31.67 30°ca; 1A 32.95-33.42 20°ca; 20°ca
WZ-18-204	33.42	37.60	4.18	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with mm-cm scale beds of mostly chert with chlorite garnet and magnetite; Trace disseminated py po; foln 20°ca lct 20°ca
WZ-18-204	37.60	57.45	19.85	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; Wk mod diss biotite frac controlled chl wk cb alt; 4B 44.28-44.61 50°ca; 4B 45.46-46.50 30°ca ; lct 20°ca
WZ-18-204	57.45	58.85	1.40	3D	Iron Formation	Purplish-grey to greenish-grey to dark grey fine-grained iron formation with chert with chlorite garnet and magnetite Trace disseminated pyrrhotite; banded 20°ca; lct 20°ca
WZ-18-204	58.85	61.04	2.19	6E	Intermediate Dyke	brn gy colouration; fg stg foln 30°ca poss fg elongated phenos 4B highly alt ; lct 30°ca
WZ-18-204	61.04	62.58	1.54	3D	Iron Formation	Purplish-grey to greenish-grey to dk gy fg iron fm beds of chert 20°ca with chlorite garnet and magnetite Tr diss pyrrhotite ; lct 20°ca; 6E 62.20-62.58 20°ca
WZ-18-204	62.58	95.82	33.24	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric ; 62.58-63.75 stg bio chl ca alt mod stg foln 25-30°ca; 4B 69.20-69.56 25°ca; 75.80-76.10 40°ca xcutting fabric qtz ; 4B 77.70-78.50 25°ca; wk mod closed frac ca infill 63.75-82.5; 6E brn colouration fg 83.10-83.55 20°ca ; 4B 85-85.65 30°ca w minor 1B; mod-stg bio chl ser ca alt 20-40°ca foln;
WZ-18-204	95.82	99.60	3.78	4B	Feldspar Porphyry	Dark purplish-grey fg-mg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts ;fg 95.82-97 mg 97-98.50 fg 98.50-99.60; fg mg foln 30°ca;lct35°ca
WZ-18-204	99.60	112.44	12.84	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 25°ca; Wk banded chlorite-biotite-silica alteration; wk qtz cb str parallel to fabric; 4B 102.30-103.34 35°ca w 25-30% 1B; 4B 104.70-105.19 20°ca; 6E 110.90 111.11 30°ca; lct 30°ca
WZ-18-204	112.44	114.34	1.90	6E	Intermediate Dyke	gy brn unit w elongated small dk xtals (poss tuft?); lct 20°ca
WZ-18-204	114.34	135.46	21.12	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; 119.26-123 mod stg chl bio ser alt w mod stg frac fill str w tr spotty py; 4B fg mod stg foln elongated xtals 124.95-125.60 30°ca; lct 20°ca
WZ-18-204	135.46	136.48	1.02	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 20°ca foln; qtz vnlt 136.33-136.45 30°ca barren clr white qtz; lct 20ca
WZ-18-204	136.48	159.40	22.92	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; mod stg frac fill w tr py po spotty alt mod stg 140.54-145.02; 6E 139.76-140.54 40°ca; lct 50°ca irreg
WZ-18-204	159.40	161.68	2.28	4E	Pegmatite	white blue gy pegmatite w na-spar albite white to blue+k-spar byl w qtz smokey w fg blk oxide in the fg matrix fg-mg uct 50°ca irregular; 1B 159.93-160.28 40°ca; 160.28-161.68 4E 40°ca similar to above more aplitic in nature; lct 40°ca
WZ-18-204	161.68	173.34	11.66	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; wk-mod stg frac fill w tr py po spotty ; qtz str x cutting fabric 164.44-164.46 40°ca; gt speckled w bio alt 172.27-172.35; lct 30°ca diffuse
WZ-18-204	173.34	177.80	4.46	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 40°ca; Wk mod diss biotite frac controlled chl wk cb alt; diffuse lct 30°ca
WZ-18-204	177.80	199.10	21.30	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr diss po; wk-mod stg frac fill w tr py po spotty; wkk-mod frac closed w ca infill; 6E 179.56-179.90 30°ca lct; 4B 183.28-183.64 30°ca fg-mg elongated xtals; 4B 184.60-185.50 30°ca fg-mg elongated xtals; 4B 189.42-189.62 30°ca fg; 4B 190.38-190.64 30°ca; 4B 190.80-191 30°ca; lct 30°ca diffuse

WZ-18-204	199.10	214.27	15.17	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 40°ca; Wk mod diss biotite frac controlled chl wk cb alt; small shr 206.84-207.05 stg foln stg bio chl ca infill from 30°ca to 70°ca; 6E 211.30-211.53 30°ca; qtz vnl at lct 30°ca 211.53-211.58; 211.58-214.27 mod-stg bio chl alt; sharp lct 30°ca
WZ-18-204	214.27	229.61	15.34	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 30°ca foln; qtz vnl 219.14-219.23 20°ca barren clr white qtz; lct 20ca
WZ-18-204	229.61	231.07	1.46	6B	Gabbro	Dark greenish-grey/blk mg-cg; visible xtals small in matrix; wk to mod amph chlorite alt wk qtz cb infill; wk foln 30°; lct 20°ca
WZ-18-204	231.07	235.00	3.93	4B	Feldspar Porphyry	Dark purplish-grey mg-cg gd; Wk diss bio and patchy silicification alteration feldspar phenocrysts; 234.70-235 4B more fg laminated appearance; 30°ca foln; lct 20ca
WZ-18-204	235.00	251.35	16.35	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 40°ca; Wk mod diss biotite frac controlled chl wk cb alt; 235-237.20 stg bio chl ep alt ca infill minor qtz ca infill str w spotty py po trace; lct 40°ca
WZ-18-204	251.35	261.15	9.80	1A	Massive Flows	251.35 -252.66 1a w mod stg potassic alt w small phenos w a slight flesh coloured hue; 252.66-252.98 stg brxn closed and open w stg potassic alt 30°ca 252.98-253.38 microfracturing closed w infill of brxn 40°ca; 251.35-254 fg mg alt brxn; 254-255.2 fg w closed fg frac fill 1-2mil ca; 255.20-255.45 stg frac w ca infill and visible movement @15+60°ca 10-20 mil displacement; 255.45-256.66 fg w closed fg frac fill 1-2mil ca; 1A mg 256.66-257.07 30°ca sharp cts; 257.07-257.76 stg micro frac and infill 1-2mil; 1A minor frac 1 mil w infill; qtz vnl 259.93-256.06 20°ca 40-50mil wide; 256.06-261.15 1A lct 25°ca
WZ-18-204	261.15	275.70	14.55	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; Wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr spotty py po; 6E 262.15-263.11 30°ca; lct 30°ca
WZ-18-204	275.70	281.65	5.95	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod 30° w wk-mod bio chl ca alt; possible tension frac w infill; 4E 279.18-279.45 2 pegm frac fill x-cutting fabric 40°ca w40% 1A interstitial; 4D uct 70°ca+lct 5-10°ca10-20 mil wide x-cutting fabric; qtz vnl 281.10-281.25 20°ca 60 mil wide; minor frac fill w tr po py; lct 30°ca
WZ-18-204	281.65	292.36	10.71	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica alteration; wk mod qtz cb str parallel to fabric w tr spotty py po; spotty gt fg in bio alt halo; lct 30°ca
WZ-18-204	292.36	295.18	2.82	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; lct 40°ca sharp cts
WZ-18-204	295.18	306.00	10.82	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln lct 40°ca; minor closed and open fracs (jts) 20 40 50 70°ca; 4E w alt halo 302.82-303.16 alt halo chl bio ser lt yellow brn colouration 302.82-302.92 uct sharp 50°ca; 4E 302.92-303 50°ca white blue gy pegmatite w na-spar albite white to blue+k-spar byl w qtz smokey w fg blk oxide in the fg matrix fg-mg cts 50°ca; alt halo chl bio ser lt yellow brn colouration 303-303.16 lct sharp 50°ca
WZ-18-204	306.00	330.15	24.15	1B	Pillowed Flows	qtz vnl at uct 306-306.08 50°ca; Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; 4E 40°ca cts 327.28-327.80 white blue gy pegmatite w na-spar albite white to blue+k-spar byl w qtz smokey w fg blk oxide in the fg matrix; lct 30°ca sharp
WZ-18-204	330.15	337.35	7.20	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; lct 30°ca diffuse cts
WZ-18-204	337.35	349.90	12.55	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; lct 10°ca sharp
WZ-18-204	349.90	354.54	4.64	7C	Lamprophyre	dk colouration 10°ca; irregular cts 10°ca; brn colouration magnetic; small white iregular xtals in matrix; massive in appearance
WZ-18-204	354.54	356.20	1.66	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; lct 20°ca sharp
WZ-18-204	356.20	357.50	1.30	4B	Feldspar Porphyry	4B Dark purplish-grey mg-cg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln 30°ca; lct 20°ca
WZ-18-204	357.50	361.42	3.92	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; lct 30°ca diffuse cts
WZ-18-204	361.42	377.62	16.20	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; 4B 362.90-363.20 30°ca; lct 40°ca sharp
WZ-18-204	377.62	392.80	15.18	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; 377.62-380 mod stg infill fracs 1-2mil wide w visible movement parallel to ca 15mil w at least 3 movemnts visible offsetting ca frac infill 10mil wide; 388-390.3 stg frac zone open and closed @10 20 30 40 50 70°ca w mod stg ca chl infill (proximity to shr flt?) STRAIN; lct 30°ca diffuse cts
WZ-18-204	392.80	404.00	11.20	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; 1A/6B 403.38-404 lct brkn 403.82-404 core brkn

WZ-18-204	404.00	405.07	1.07	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; Wk diss bio and patchy silicification alteration feldspar phenocrysts ab banding tr sulphides phenos small but visible foln 35°ca; lct 35°ca
WZ-18-204	405.07	413.64	8.57	6B	Gabbro	405.07-405.34 mod stg foln bio chl alt foln stg 35°ca lct alt halo; 405.34-413.64 Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; lct40°ca
WZ-18-204	413.64	438.00	24.36	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica-ser alteration; wk mod qtz cb str parallel and distorted near the upper ct w tr spotty py po frac controlled; spotty gt fg in bio alt halo; 4b 437.80-438 30°ca; lct 30°ca
WZ-18-204	438.00	439.70	1.70	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; lct 40°ca sharp cts
WZ-18-204	439.70	441.00	1.30	4E	Pegmatite	white blue gy pegmatite w na-spar albite white to blue+k-spar byl w qtz smokey w fg blk oxide muscovite mica in the fg-mg matrix; cts 40°ca
WZ-18-204	441.00	446.14	5.14	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; 443.90-446.14 lt grn colouration with wk magnetite lct 40°ca diffuse
WZ-18-204	446.14	448.28	2.14	1UT	Ultramafic Talc/Chlorite Altered	fg to mg light grey dark green mafic unit with a mod-stg degree of chl alt w wk talc alt Stg magnetic properties w diss fg magnetite. Unit is composed predominately of mafic-ultramafic minerals; 4B 446.88-447.57 50°ca; 4B 148.12-448.28 50°ca; wk 40°ca foln; lct 50°ca
WZ-18-204	448.28	449.36	1.08	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; 40-60% quartz flooding dk gy blk 5-10% po 4%py 1% cyp + 4% magnetite scattered and diss. Highly magnetic. ; Fg- mg gt w bio alt garnets 448.91-449.26 ; lct 40°ca
WZ-18-204	449.36	452.90	3.54	1A	Massive Flows	Dark greenish-grey fine- to medium-grained stg speckled gt in unit altered stg alt chl ep bio; 451.66-451.70 mini fold deformation ptygmatic deform near lower ct
WZ-18-204	452.90	455.42	2.52	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 453.65-454.13 cts 40°ca 20°ca lct
WZ-18-204	455.42	462.06	6.64	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; 458.25 down fg-mg; wk-mod bio chl cb alt; qtz/ca vnl 40mil wide 460.33-460.43 30°ca; 460.63-461.70 core brkn up (shards); lct30°ca
WZ-18-204	462.06	462.66	0.60	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; 40% quartz flooding dk gy blk 8-10% po 4%py 1% cyp + 4% magnetite scattered and diss. Highly magnetic. ; more banded w bio alt garnets; lct 30°ca
WZ-18-204	462.66	466.27	3.61	1A	Massive Flows	Dark greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; qtz/ca str; 462.66-463.35 bio chl alt mod stg foln ca infill; 463.35-466.27 lct30°ca
WZ-18-204	466.27	470.95	4.68	1UT	Ultramafic Talc/Chlorite Altered	Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; mod stg qtz cb vnl >1-7%parallel to fabric; w vis magnetite xtals in matrix; lct 50°ca
WZ-18-204	470.95	472.78	1.83	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite. diss sulphides approx. 1-3% po mod magnetic; 30°ca lct
WZ-18-204	472.78	474.30	1.52	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; qtz/ca str; lct30°ca
WZ-18-204	474.30	475.82	1.52	1U	Ultramafic Flows	lt grn talc matrix; Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; mod stg qtz cb vnl <1-3%parallel to fabric; w vis magnetite xtals in matrix; lct 40°ca
WZ-18-204	475.82	479.66	3.84	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; lct40°ca
WZ-18-204	479.66	482.95	3.29	1UT	Ultramafic Talc/Chlorite Altered	Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; mod stg qtz cb vnl >1-7%parallel to fabric; w vis magnetite xtals in matrix; mag stg 40°ca foln talc yellow grn colour ser bleached
WZ-18-204	482.95	485.16	2.21	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; qtz/ca str; 40°ca cts;
WZ-18-204	485.16	489.66	4.50	1UT	Ultramafic Talc/Chlorite Altered	Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; mod stg qtz cb vnl >1-7%parallel to fabric; w vis magnetite xtals in matrix; mag stg 40°ca foln talc yellow grn colour ser bleached 4E 487.71-487.88 40°ca gouge on cts; 40°ca cts; stg magn
WZ-18-204	489.66	494.34	4.68	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt; qtz/ca str; 40°ca foln; 493.76 493.70 1U 40°ca 493.70-494.34 stg magnetite stg foln 25°ca; 4E xcutting fabric 40°ca 490.25-490.50; lct 40°ca
WZ-18-204	494.34	498.84	4.50	4B	Feldspar Porphyry	4B Dark purplish-grey mg-cg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln mg-cg 30°ca cts 498.6-498.84 alt foln fg

WZ-18-204	498.84	500.20	1.36	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics w garnet sm-mg and biotite alt silica and magnetite wk spotty sulphides approx < 1% po mod-stg magnetic; 30°ca lct; chert rich <1% po py
WZ-18-204	500.20	504.10	3.90	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln str w po py 4E xcutting fabric 502.80-502.96 70°ca; 4B 30°ca 503.07-503.72; lct 30°ca
WZ-18-204	504.10	504.64	0.54	3D	Iron Formation	lt grn talc matrix;Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; chert jasper; mod stg qtz cb vnl <1-3%parallel to fabric; w vis magnetite xtals in matrix; lct 40°ca; 1-3% po py banded 30°ca cts
WZ-18-204	504.64	507.23	2.59	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln; 4B 40°ca 506.35-506.60; lct 30°ca
WZ-18-204	507.23	507.87	0.64	3D	Iron Formation	fg grey and dark green unit with a banded texture. Unit is composed of alternating layers of mafics silica and magnetite. Thin laminated sulphides intermittently throughout; 40% quartz flooding dk gy blk 8-10% po 4%py 1%cyp + 4%magnetite scattered and diss. Highly magnetic. ; more banded w bio alt garnets; lct 30°ca
WZ-18-204	507.87	510.10	2.23	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln; lct 30°cdk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln; lct 30°ca
WZ-18-204	510.10	516.40	6.30	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln mg-cg 40°ca foln; lct 30°ca
WZ-18-204	516.40	545.51	29.11	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln ; 535.52-545.51 mod stg foln more ca infill; qtz vn 40°ca 517.07-517.18; lct 40°ca
WZ-18-204	545.51	547.65	2.14	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; spotty gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct 30°ca
WZ-18-204	547.65	548.80	1.15	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; 40°ca foln; cts 20°ca lct minor qtz str w spotty po py; lct 40°ca
WZ-18-204	548.80	560.08	11.28	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln ; 535.52-545.51 mod stg foln more ca infill; qtz vn 40°ca 517.07-517.18; lct 40°ca
WZ-18-204	560.08	567.95	7.87	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; 563.25-567.95 wk- mod closed microfractures 0-90°ca w 1-2 mil ca infill closed; lct 40°ca
WZ-18-204	567.95	568.41	0.46	FZ	Fault Zone	stg brxn unit w ca infill microfractures and infill closed cts ~40°ca; chl bio alt; fracturing closed start@563.25-567.95; 5A granitic intrusive 60°caw sharp cts; lct 40°ca w vis microfracturing
WZ-18-204	568.41	569.88	1.47	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 30°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; wk closed microfractures 0-90°ca w 1-2 mil ca infill closed; lct 40°ca
WZ-18-204	569.88	571.40	1.52	FZ	Fault Zone	stg brxn unit w ca infill microfractures and infill closed; chl bio alt; 570.44-570.78 wk alt 1B 40°ca; lct 40°ca
WZ-18-204	571.40	601.98	30.58	1B	Pillowed Flows	Dark greenish-grey fine-grained wk foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; qtz vnl 588.33-588.38 60°ca qtz chl ca; qtz vnl 40°ca 588.54-588.62; qtz vnl 60°ca 591.03-591.09; 571.4-593.20 wk closed microfractures 0-90°ca w 1-2 mil ca infill closed; lct 40°ca
WZ-18-204	601.98	609.23	7.25	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln; wk-mod bio chl cb alt;qtz/ca str; 40°ca foln; lct 40°ca
WZ-18-204	609.23	615.84	6.61	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; lct40°ca
WZ-18-204	615.84	629.22	13.38	1Z	Gabbroic with gradational contacts	alteration unit w lt grn coloured unit softer possibly 1u stg chl bio alt foln 40°ca; stg frac jts 30 50 70°ca; wk to no ca in unit; lct 50°ca
WZ-18-204	629.22	630.16	0.94	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; qtz str infill towards the lct of the unit w diss po py; lct40°ca
WZ-18-204	630.16	646.16	16.00	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt;<1%qtz/ca str; qtz vnl 637.14-637.23 50°ca tr po;qtz vnl 50°ca 637.45-637.52 <1% po; stg gt in core 636.78-651.76; lct 40°ca
WZ-18-204	646.16	649.35	3.19	6E	Intermediate Dyke	gy brn unit bio chl alt w elongated small dk xtals; lct 30°ca cts

WZ-18-204	649.35	669.12	19.77	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt;<1%qtz/ca str; stg gt in core 636.78-651.76; 4B 657.03-657.25 40°ca; 4E 30mil wide 663.25-663.50 20°ca xcutting fabric; lct °ca
WZ-18-204	669.12	669.42	0.30	7A	Diabase	Dark grey brn; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); cts sharp 30°ca
WZ-18-204	669.42	681.00	11.58	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt;<1%qtz/ca str; qtz vnl 40 mil wide 30°ca xcutting fabric 674.90-675; lct 40°ca
WZ-18-204	681.00	696.20	15.20	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40°ca; 696.20 bleached appearance; lct40°ca
WZ-18-204	696.20	708.16	11.96	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 30°ca; wk-mod bio chl cb alt; lct 80°ca
WZ-18-204	708.16	720.97	12.81	7A	Diabase	Dark grey brn; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); uct undulating 80°ca lct 50°ca
WZ-18-204	720.97	724.93	3.96	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; lct 30°ca
WZ-18-204	724.93	725.23	0.30	7A	Diabase	Dark grey brn; FG; no fol; mod epidote clusters; yellow feldspar crystals in matrix (glomeroporphyritic); uct undulating 30°ca lct 40°ca
WZ-18-204	725.23	730.68	5.45	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 730-730.06 qtz str 40°ca; lct 40°ca
WZ-18-204	730.68	731.40	0.72	4ALT	Altered Feldspar Porphyry	Dark purplish-grey purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with 1-3% diss py po; minor alt feldspar phenocrysts; lct40°ca
WZ-18-204	731.40	734.14	2.74	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; lct 40°ca
WZ-18-204	734.14	737.10	2.96	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; qtz vnl bio chl alt 735 735.10 40°ca; qtz vnl 736.20-736.39 40°ca; qtz vnl 736.69-736.79 40°ca; lct 30°ca irregular
WZ-18-204	737.10	737.84	0.74	4B	Feldspar Porphyry	4B w angular fragments of host 1a in matrix; Dark purplish-grey fg-mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; 40°ca foln; minor qtz str w spotty po py; lct 40°ca
WZ-18-204	737.84	748.00	10.16	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct40 °ca sharp
WZ-18-204	748.00	748.57	0.57	QV	Quartz Vein	quartz clr smokey chl bio alt vis frac controlled w spotty py po <1% uct 40+lct 70°ca
WZ-18-204	748.57	749.04	0.47	4ALT	Altered Feldspar Porphyry	Dark purplish-grey purplish-grey fine-grained moderately to strongly sheared feldspar porphyry; laminated appearance Moderate to strong silicification and moderate patchy haloes of sericitization and weak banded biotite alteration; mod quartz flooding with 1-3% diss py po; lct50°ca
WZ-18-204	749.04	751.84	2.80	4B	Feldspar Porphyry	Dark purplish-grey fg-mg; Wk diss bio and patchy silicification minor alteration of feldspar phenocrysts tr sulphides; wk foln mg-cg 50°ca foln; core brkn up fragments 750-750.23; lct 50°ca
WZ-18-204	751.84	752.34	0.50	4ALT	Altered Feldspar Porphyry	qtz vnl 751.84-751.94 cts 50°ca w chl bio alt fg py po; mottled colour fine-grained mod to stg sheared; laminated appearance; mod stg silic ser bio alt; wk to mod quartz flooding with 1-3% diss py po; minor feldspar phenocrysts small strongly stretched/lineated; fg diss spotty po py<1-3%; lct40°ca
WZ-18-204	752.34	755.70	3.36	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 50°ca; lct50°ca
WZ-18-204	755.70	757.66	1.96	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; lct 40°ca
WZ-18-204	757.66	762.55	4.89	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct 30 °ca sharp
WZ-18-204	762.55	771.11	8.56	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 6E 763.63-764.06 30°ca; qtz vn chl infil clr 765.20-765.65 30°ca; lct 40°ca
WZ-18-204	771.11	781.61	10.50	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty;qtz vnlt 773.95-774.30 w 25% 1a 40°ca; lct 40 °ca sharp
WZ-18-204	781.61	784.82	3.21	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 6E 763.63-764.06 30°ca; qtz vn chl infil clr 765.20-765.65 30°ca; lct 40°ca
WZ-18-204	784.82	788.25	3.43	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty;qtz vnlt 773.95-774.30 w 25% 1a 40°ca; lct 40 °ca sharp

WZ-18-204	788.25	794.27	6.02	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 4D 788.76-789.04 20°ca fg aplitic unit w fg gt in matrix narrow structure 30mil x cutting fabric; lct 40°ca
WZ-18-204	794.27	809.38	15.11	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; qtz ca vnl 50°ca 801.93-801.96; qtz vnl 30°ca 802-802.15; qtz vnl 803.08-803.14 40°ca; QV 40°ca 803.92-804-30; 807.66-807.96 10-12%po py 20-40%qtz gt bil chl alt w qtz ca infill; lct 40°ca sharp
WZ-18-204	809.38	812.88	3.50	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; lct 40°ca
WZ-18-204	812.88	813.42	0.54	3D	Iron Formation	lt grn talc matrix; Dark-lt greenish-grey fg-mg wk-mod foliated 40ca; Wk banded chlorite-biotite-silica alteration; talc; chert; mod stg qtz cb vnl <1-3%parallel to fabric; w ; lct 40°ca; 1-3% po py banded 40°ca cts
WZ-18-204	813.42	815.51	2.09	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 6E 814.84-815.4 uct 20°ca lct 40°ca xcut by qtz vnl 70°ca 814.94-815; lct 40°ca
WZ-18-204	815.51	822.12	6.61	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40-45°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; 6E 816.19-816.42 40°ca; QV clr barren 821.71-822.12 cts 60°ca; lct 60°ca sharp
WZ-18-204	822.12	834.12	12.00	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; wk-mod bio chl cb alt; 827.50-828.20 core brkn up; 4B w 25% 1a 832-832.26 40°ca; 4B 833.85-834.12 50°ca; lct 50°ca
WZ-18-204	834.12	852.93	18.81	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40-50°ca; 4E 838.78-839.10 50°ca aplitic albite m mica MQM byl smokey qtz blk and red oxides Sn Ta xcutting fabric; 4E as above 841.22-841.40 60°ca; 4B 842.40-842.48 40°ca; 4E 846.15-846.41 50°ca x cutting fabric; lct 50°ca
WZ-18-204	852.93	856.08	3.15	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod-stg bio chl cb alt; lct 40°ca
WZ-18-204	856.08	862.34	6.26	6B	Gabbro	Dark greenish-grey/blk mg-cg; wk to mod amph chlorite ab alt wk qtz cb infill; mg cg wk foln 40-50°ca; qtz ca str 10-40mil 40°ca <1%; 5B 859.45-859.77 30°ca x cutting fabric; 4E 860.57-860.90 50°ca stg qtz m mica na spar sm byl; 4E 861.13-861.22 70°ca; lct 50°ca
WZ-18-204	862.34	893.85	31.51	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca 1-2 mil microfrac 0-90°ca mod stg 862.34-863.20 and wk 863.20-down; 866-866.14 str deformed plastic deformation crenulated following fabric; brkn core 880.41-881.15 (mechanical); lct 40°ca
WZ-18-204	893.85	894.10	0.25	SH	Shear	biotite chl mylonite ca alt linear 40°ca; stg confined alteration
WZ-18-204	894.10	895.56	1.46	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca 1-2 mil microfrac 0-90°ca wk; lct 40 °ca
WZ-18-204	895.56	900.55	4.99	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40-45°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct 40°ca sharp
WZ-18-204	900.55	925.38	24.83	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; 911-912.10 core 40% brkn; 5B 912.96-913.04 40°ca; qtz str 913.26-913.33 30°ca; 5b 914.60-914.70 30°ca; 5B 914.45-914.56 30°ca; 5B 920.32-920.44 30°ca; 5B 924.62-924.80 20°ca; Core Disking 924.73-924.95 90°ca ; lct 40 °ca
WZ-18-204	925.38	925.83	0.45	1ALT	Altered Mafic Volcanic	Dark greenish-grey to dark grey to dark brownish grey fine-grained moderately to strongly sheared pillowed mafic flow. Moderate to strong banded to patchy chlorite-epidote-biotite-silica alteration; <3-5% disseminated po py; lct 40°ca
WZ-18-204	925.83	927.70	1.87	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; laminated appearance wk to mod quartz flooding with <1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; lct 40°ca
WZ-18-204	927.70	928.06	0.36	1ALT	Altered Mafic Volcanic	Dark greenish-grey to dark grey to dark brownish grey fine-grained moderately to strongly sheared pillowed mafic flow. Moderate to strong banded to patchy chlorite-epidote-biotite-silica alteration; <3-5% disseminated po py; lct 40°ca
WZ-18-204	928.06	930.88	2.82	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; lct 40 °ca
WZ-18-204	930.88	932.60	1.72	4B	Feldspar Porphyry	Dark purplish-grey fg Wk diss bio and patchy silicification mod stg alteration of feldspar phenocrysts tr sulphides; wk foln mg-cg 40°ca foln; 1A 930.94-931.02 30°ca; 1a 931.71-932.60 40°ca; lct 40°ca
WZ-18-204	932.60	940.48	7.88	5B	Granodiorite	fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; 1A 933.20-933.56 30°ca; 1A 936.28-936.58 30°ca; lct 20°ca

WZ-18-204	940.48	944.80	4.32	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; 5B 944.02-944.22 20°ca; lct 40 °ca
WZ-18-204	944.80	947.30	2.50	5B	Granodiorite	fg-mg unit w stg na-spar white matrix w blk oxides xtals; purple hue mica alt w ab bio alt and frac filling w qtz; py fg diss along frac fill and alt haloes; lct 20°ca
WZ-18-204	947.30	985.61	38.31	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; qtz vnlt 951.36-951.44 40°ca; 5B 953-953.22 40°ca xcutting fabric; 5B 954.10-954.48 50°ca xcutting fabric; qtz vnlt 20°ca 955.94-956.10 50 mil wide; qtz str 955.63-955.72 60°ca w flt 20mil offset; 4B 960.74-960.90 40°ca; qtz vnlt 974.86-974.92 40°ca; lct 40 °ca
WZ-18-204	985.61	987.58	1.97	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with <1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; 1a 986.76-987.12 40°ca; lct40°ca
WZ-18-204	987.58	993.00	5.42	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; 4B 991.30-991.44 50°ca; lct 40 °ca
WZ-18-204	993.00	994.08	1.08	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric and wk closed fracs 0-90°ca closed w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct 40°ca sharp
WZ-18-204	994.08	994.81	0.73	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; wk to mod quartz flooding with <1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; lct40°ca
WZ-18-204	994.81	996.00	1.19	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric and wk closed fracs 0-90°ca closed w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; lct 40°ca sharp
WZ-18-204	996.00	998.68	2.68	1A	Massive Flows	dk greenish-grey fine- to medium-grained wk-mod foln 40°ca; mod bio chl cb alt; qtz/ca str 1-2 mil microfrac 0-90°ca wk; lct 40 °ca
WZ-18-204	998.68	1008.85	10.17	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric and wk closed fracs 0-90°ca closed w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; 5B x cutting fabric 60-70mil 10°ca 1004-1004.60 10°ca; lct 40°ca sharp
WZ-18-204	1008.85	1012.18	3.33	4ALT	Altered Feldspar Porphyry	Dark purplish-grey to light purplish-grey fine-grained moderately to strongly sheared feldspar porphyry. Moderate to strong pervasive silicification and moderate patchy to haloes of sericitization and weak banded biotite alteration; laminated appearance wk to mod quartz flooding with <1-3% diss py po; minor feldspar phenocrysts up to 1-2 mm wide strongly stretched/lineated; upper part of unit exhibits the strongest alteration; lct40°ca
WZ-18-204	1012.18	1020.00	7.82	1B	Pillowed Flows	Dark greenish-grey fine-grained mod foliated 40°ca; wk banded chlorite-biotite-silica- ser alteration; wk mod qtz cb str parallel to fabric and wk closed fracs 0-90°ca closed w tr spotty py po frac controlled; gt fg in bio alt halo; >1% qtz ca w tr py po small spotty; EOH 1020

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
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	447.28	448.28	1.00	597473	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	448.28	448.91	0.63	597474	0.023	23		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	448.91	449.36	0.45	597475	0.016	16		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	449.36	450.36	1.00	597476	0.006	6		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	450.36	451.36	1.00	597477	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	451.36	452.36	1.00	597478	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	452.36	452.90	0.54	597479	0.012	12		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Blank				597480	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	452.90	453.65	0.75	597481	0.036	36		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	453.65	454.13	0.48	597482	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	454.13	455.00	0.87	597483	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	455.00	455.42	0.42	597484	0.006	6		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	455.42	456.42	1.00	597485	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	461.06	462.06	1.00	597486	0.006	6		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	462.06	462.66	0.60	597487	0.01	10		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	462.66	463.66	1.00	597488	0.0021	21		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	469.95	470.95	1.00	597489	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	OREAS 216				597490	6.52	6520		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	470.95	471.95	1.00	597491	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	471.95	472.78	0.83	597492	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	503.07	504.10	1.03	597493	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	504.10	504.64	0.54	597494	0.007	7		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	504.64	505.64	1.00	597495	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	505.64	506.23	0.59	597496	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	506.23	507.23	1.00	597497	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	507.23	507.87	0.64	597498	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	507.87	508.87	1.00	597499	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Blank				597500	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	514.87	515.87	1.00	160001	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	515.87	516.40	0.53	160002	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	516.40	517.40	1.00	160003	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	497.84	498.84	1.00	160004	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	498.84	499.84	1.00	160005	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	499.84	500.20	0.36	160006	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	500.20	501.20	1.00	160007	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	501.20	502.20	1.00	160008	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	Assay	502.20	503.07	0.87	160009	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-11620	27-Aug-18	19-Sep-18	OREAS 215				160010	3.51	3510		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	628.22	629.22	1.00	160011	0.011	11		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	629.22	630.16	0.94	160012	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	630.16	631.16	1.00	160013	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	729.68	730.68	1.00	160014	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	730.68	731.40	0.72	160015	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	731.40	732.40	1.00	160016	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	747.00	748.00	1.00	160017	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	748.00	748.57	0.57	160018	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	748.57	749.04	0.47	160019	0.024	24		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Blank				160020	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	749.04	750.00	0.96	160021	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	750.00	751.00	1.00	160022	0.006	6		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	751.00	751.84	0.84	160023	0.027	27		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	751.84	752.34	0.50	160024	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	752.34	752.77	0.43	160025	0.006	6		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	752.77	753.77	1.00	160026	0.009	9		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	806.66	807.66	1.00	160027	0.009	9		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	807.66	807.96	0.30	160028	0.011	11		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	807.96	808.63	0.67	160029	0.007	7		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	OREAS 210				160030	5.26	5260		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	808.63	809.38	0.75	160031	0.015	15		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	809.38	810.38	1.00	160032	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	810.38	811.38	1.00	160033	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	811.38	812.38	1.00	160034	0.005	5		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	812.38	812.88	0.50	160035	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	812.88	813.42	0.54	160036	0.112	112		
WZ-18-204	Middle Zone	Actlabs	A18-12129	30-Aug-18	21-Sep-18	Assay	813.42	814.42	1.00	160037	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	924.38	925.38	1.00	160038	0.037	37		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	925.38	925.83	0.45	160039	0.383	383		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Blank				160040	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	925.83	926.83	1.00	160041	0.89	890		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	926.83	927.70	0.87	160042	0.255	255		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	927.70	928.06	0.36	160043	0.586	586		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	928.06	929.06	1.00	160044	0.278	278		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	984.61	985.61	1.00	160045	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	985.61	986.61	1.00	160046	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	986.61	987.12	0.51	160047	0.008	8		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	987.12	987.58	0.46	160048	0.021	21		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	987.58	988.58	1.00	160049	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	OREAS 216				160050	3.39	3390		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	993.08	994.08	1.00	160051	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	994.08	994.81	0.73	160052	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	994.81	995.81	1.00	160053	0.0025	< 5		

WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1007.85	1008.85	1.00	160054	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1008.85	1009.85	1.00	160055	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1009.85	1010.85	1.00	160056	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1010.85	1011.50	0.65	160057	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1011.50	1012.18	0.68	160058	0.0025	< 5		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Assay	1012.18	1013.18	1.00	160059	0.077	77		
WZ-18-204	Middle Zone	Actlabs	A18-12501	06-Sep-18	01-Oct-18	Blank				160060	0.0025	< 5		



Hole Number:

WZ-18-205

Drill Rig:

Drill 20

Claim Number:

Location		Drill Hole Orientation		Dates Drilled:	Start Date:	End Date:			
<u>Planned Coordinates</u>		Azimuth:	39	Drill Contractor:	26-Jul-2018	5-Sep-2018			
Easting	645158.8				Foraco Canada Ltd				
Northing	5407494	Dip:	-80	Dates Logged:	Start Date:	End Date:			
Elevation(m)	406				27-Jul-2018	5-Sep-2018			
<u>Final Pick up</u>		Depth(m):	1302.00	Logger 1:	Karen Barlow				
Easting					Logger 2:	Sarah Davis			
Northing		Core Size:	NQ	Logger 3:					
Elevation(m)				Assay Lab:	Actlabs				
Casing	Left Open		Dip Tests						
Purpose of Hole	Middle Zone deep extention	Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.		
		0.0	42.1	-79.5		planned	45.6		
Results	1157.58-1158.08: 1ALT: Moderate quartz banding with 2-4% Pyrrhotite MZ - 1158.08-1162.75: 4ALT: 5 specks VG; very strong silicification flooding throughout with quartz flooded veins; 2-4% pyrrhotite and pyrite	30.0	42.1	-79.5	5622	6m Hex; 18	49.7		
		60.0	40.0	-79.1	5616	6m Hex; 18	47.6		
		90.0	41.6	-77.7	5616	6m Hex; 18	49.2		
		120.0	42.8	-77.4	5612		50.4		
		150.0	43.6	-76.8	5615		51.2		
		180.0	43.4	-76.6	5609		51		
		210.0	42.2	-76.1	5611		49.8		
		240.0	43.4	-76.2	5736	hi mag az 4	49.3		
Comments	K. Barlow logged top of hole to 33m. S. Davis logged 33m to 1071m. 150cm lost core at 1008-1011; drillers dropped core in hole and ground out half of the run to retrieve what they could. K. Barlow logged from 1071 to 1111.59m. Lost ~ 3m core 1002-1005m; Rods got stuck on Aug. 18 D/S, were able to	270.0	44.7	-74.7	5583	6m std; 18	52.3		
		300.0	44.7	-74.5	5589		52.3		
		330.0	45.4	-74.2	5589		53		
		360.0	46.0	-74.3	5589	From repo	53.6		
		390.0	46.8	-74.3	5590		54.4		
		420.0	44.5	-74.0	5587		52.1		
		450.0	45.6	-72.8	5585	at 432 6m	53.2		
		480.0	45.8	-72.4	5594		53.4		
		Azimuth corrected to 7.6 degrees west declination		510.0	46.7	-71.7	5589	6m standa	54.3
		540.0	47.5	-71.3	5585	6m standa	55.1		
567.0	47.7	-70.3	5592	wedge at 5	55.3				
578.0	46.6	-68.0	5614		54.2				
600.0	47.5	-66.5	5617	3m standa	55.1				
630.0	48.5	-65.6	5625	at 636 6m	56.1				
660.0	48.4	-63.4	5589	bit change	56				
690.0	49.4	-62.0	5586	6m stand;	57				
720.0	49.4	-61.4	5579		57				
750.0	52.4	-60.0	5575	Taken from	61.2				
780.0	51.8	-60.8	5658	hi mag az	60				
810.0	51.2	-60.3	5576	6m Standa	58.8				
840.0	51.5	-60.1	5584	5584	59.1				
870.0	51.7	-59.7	5588	6m Standa	59.3				
900.0	51.8	-59.1	5595	6m Standa	59.4				
930.0	52.3	-57.6	5597	at 915m 6r	59.9				
960.0	52.0	-51.7	5601	6m Standa	59.6				
990.0	51.7	-51.2	5623	at 1005 6m	59.3				
1011.0	53.8	-50.1	5636	6m Hex; 18	61.4				
1041.0	53.8	-49.2	5631	6m Hex; 18	61.4				
1101.0	52.0	-46.7	5622	wedged at	59.6				
1112.0	53.7	-43.8	6270	hi mag az	63.1				
1115.0	55.5	-41.9	5650		63.1				
1146.0	50.2	-38.0	5630		57.8				
1176.0	50.5	-37.1	5635	6m Hex; 18	58.1				
1206.0	50.6	-36.4	5623	6m Hex; 18	58.2				
1236.0	49.5	-35.5	5672	6m Hex; 18	57.1				
1266.0	52.2	-34.5	5653	6m Hex; 18	59.8				
1302.0	50.3	-33.7	5636	6m Hex; 18	57.9				

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
WZ-18-205	0.00	7.48	7.48	CAS	Casing	
WZ-18-205	7.48	16.25	8.77	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod crb micro-fractures; mod ep banding; wk ser banding; mn qtz stringer up to 4cm; barren
WZ-18-205	16.25	17.48	1.23	4B	Feldspar Porphyry	Med purplish grey; FG w/40% mod corroded MG-CG; wk fol'n; mod interstitial bi; wk-mod sil; wk crb stringer; barren
WZ-18-205	17.48	21.49	4.01	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk crb stringers; mod ep banding; wk ser banding; wk bi banding; mn qtz stringer <1cm; wk albite banding; barren
WZ-18-205	21.49	22.67	1.18	4B	Feldspar Porphyry	Med purplish grey; FG w/40% mod corroded MG-CG; wk-mod fol'n; wkly elongated fsp phenos; mod interstitial/elongated lathes bi; wk-mod sil; wk crb stringer; barren
WZ-18-205	22.67	31.70	9.03	1A	Massive Flows	Med greenish grey; FG; mod fol'n; wk-mod crb micro-fractures; wk-mod ep banding; wk ser banding; mn qtz stringer boudinaged up to 1cm; barren
WZ-18-205	31.70	33.22	1.52	4E	Pegmatite	Whitish/yellowish/beigish grey; FG-CG; 1-5% bi specks; wk-mod chl stringers; wk-mod patchy ep; wk patchy ser; mod-strly micaceous; wk garnet speckles; wk patchy kspar; trce PoPy(<1%)
WZ-18-205	33.22	45.48	12.26	1B	Pillowed Flows	Dark bluish green/grey; FG; str fol; str banding; str bi; mod bleaching; mod chl alt'd selvages; mod speckled garnets; 3% lamprophyre dykletes <15cm; minor 4B; lcl crb filled fractures; very trace stringer/speckled PO/PY
WZ-18-205	45.48	46.82	1.34	4B	Feldspar Porphyry	Medium-dark purple/grey; mod fol; FG g.mass w/ 20% weakly corroded and elongated fsp phenos; weak-mod interstitial bi; weak sil; barren
WZ-18-205	46.82	67.95	21.13	1B	Pillowed Flows	Dark bluish green/grey; FG; str fol; str banding; str bi; mod bleaching; mod chl alt'd selvages; mod speckled garnets; 3% lamprophyre dykletes <15cm; minor 4B; lcl crb filled fractures; very trace stringer/speckled PO/PY
WZ-18-205	67.95	69.67	1.72	4B	Feldspar Porphyry	Medium-dark purple/grey; mod fol; FG g.mass w/ 20% weakly corroded and elongated fsp phenos; weak-mod interstitial bi; weak sil; barren
WZ-18-205	69.67	72.28	2.61	1B	Pillowed Flows	Dark bluish green/grey; FG; str fol; str banding; str bi; mod bleaching; mod chl alt'd selvages; mod speckled garnets; 3% lamprophyre dykletes <15cm; minor 4B; lcl crb filled fractures; very trace stringer/speckled PO/PY
WZ-18-205	72.28	73.71	1.43	4B	Feldspar Porphyry	Medium-dark purple/grey; mod fol; FG g.mass w/ 20% weakly corroded and elongated fsp phenos; weak-mod interstitial bi; weak sil; barren
WZ-18-205	73.71	79.00	5.29	1B	Pillowed Flows	Dark bluish green/grey; FG; str fol; str banding; str bi; mod bleaching; mod chl alt'd selvages; mod speckled garnets; 3% lamprophyre dykletes <15cm; minor 4B; lcl crb filled fractures; very trace stringer/speckled PO/PY
WZ-18-205	79.00	86.25	7.25	3D	Iron Formation	Purple/grey/brown/beige; VFG; str fol; str banded cherty layers; mod interlaminated chl alt'n; weak speckled garnets; mod bi; ~2% localized stringer PY/PO; w/ minor 1A/4B
WZ-18-205	86.25	88.56	2.31	1A	Massive Flows	Medium green; FG; weak fol; mod chl; barren
WZ-18-205	88.56	90.38	1.82	4B	Feldspar Porphyry	Light purple/beige; FG g.mass w/ MG 30% mod corroded and elongated fsp phenos mod overprinted with ser bleaching; mod interstitial bi; mod sil; patchy ser alt'n bleaching; barren
WZ-18-205	90.38	99.97	9.59	1A	Massive Flows	Medium-dark green/grey; FG; mod fol; weak banded/patchy bleaching; mod wispy banded bi; weak chl; trace wispy crb; barren
WZ-18-205	99.97	101.17	1.20	4B	Feldspar Porphyry	Medium-dark purple/grey; FG g.mass w/ MG 30% mod corroded and elongated fsp phenos mod overprinted with ser bleaching; mod interstitial bi; mod sil; patchy ser alt'n bleaching; barren
WZ-18-205	101.17	131.67	30.50	1A	Massive Flows	Medium-dark green/grey; Fg mod fol; weak banded/patchy bleaching; mod wispy banded bi; weak chl; trace wispy crb; barren
WZ-18-205	131.67	161.06	29.39	1Z	Gabbroic with gradational contacts	Medium-dark green/grey; FG-MG; mod fol; weak banded/patchy bleaching; mod banded ser; mod banded albite; mod wispy banded bi; weak chl; trace wispy crb; barren; minor 6E horsetailed mixed unit
WZ-18-205	161.06	165.50	4.44	6A	Diorite	Dark green/grey w/ 20% fsp/qtz crystals; MG; weak fol; barren
WZ-18-205	165.50	172.88	7.38	6B	Gabbro	Medium-dark green/grey; FG-MG; mod fol; weak banded/patchy bleaching; mod banded ser; mod banded albite; mod wispy banded bi; weak chl; trace wispy crb; barren; minor QV at lower contact
WZ-18-205	172.88	176.79	3.91	4B	Feldspar Porphyry	Very strongly altered/arguable 4ALT; Medium purple/grey; <2% remnant strongly corroded fsp phenos; FG; mod fol; mod sil; mod-str ser alt'n in hairline fractures; fractures are 20 and 160 dgs tca.; barren
WZ-18-205	176.79	185.00	8.21	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren
WZ-18-205	185.00	186.35	1.35	4B	Feldspar Porphyry	Medium-light purple/beige/grey; FG w/ 30% strongly corroded and elongated fsp phenos; str interstitial bi; str flooded ser; mod pervasive sil; barren
WZ-18-205	186.35	192.80	6.45	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren
WZ-18-205	192.80	194.80	2.00	4B	Feldspar Porphyry	Medium-light purple/beige/grey; FG w/ 50% strongly corroded and elongated fsp phenos; str interstitial bi; str flooded ser; mod pervasive sil; barren
WZ-18-205	194.80	204.08	9.28	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren
WZ-18-205	204.08	206.20	2.12	6E	Intermediate Dyke	Medium-dark purple/grey; FG; weak fol; mod interstitial bi/ser; trace banded albite; barren
WZ-18-205	206.20	208.23	2.03	4B	Feldspar Porphyry	Medium-light purple/beige/grey; FG w/ 30% strongly corroded and elongated fsp phenos; str interstitial bi; str flooded ser; mod pervasive sil; barren

WZ-18-205	208.23	220.80	12.57	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren; section w/ strong shearing and strong banded bi
WZ-18-205	220.80	222.63	1.83	4B	Feldspar Porphyry	Medium-light purple/beige/grey; FG w/ 30% strongly corroded and elongated fsp phenos; str interstitial bi; str flooded ser; mod pervasive sil; barren
WZ-18-205	222.63	232.57	9.94	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren; w/ minor 4B and 5B
WZ-18-205	232.57	234.58	2.01	4B	Feldspar Porphyry	Medium-light purple/beige/grey; FG w/ 30% strongly corroded and elongated fsp phenos; str interstitial bi; str flooded ser; mod pervasive sil; barren
WZ-18-205	234.58	248.93	14.35	6B	Gabbro	Medium-dark green/grey; MG-CG; mod fol; weak banded/patchy bleaching; mod interstitial ser; mod banded albite; mod wispy interstitial bi; weak chl; trace wispy crb; barren
WZ-18-205	248.93	250.56	1.63	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; barren
WZ-18-205	250.56	261.15	10.59	6B	Gabbro	Dark bluish green/grey; MG-CG; mod to str fol/shear; weak interstitial bi; mod chl; weak lcl patchy ser bleaching; trace stringer/patchy qtz/ser/albite banding; trace lcl speckled leucoxene; barren
WZ-18-205	261.15	262.40	1.25	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; barren
WZ-18-205	262.40	265.95	3.55	6B	Gabbro	Dark bluish green/grey; MG-CG; mod to str fol/shear; weak interstitial bi; mod chl; weak lcl patchy ser bleaching; trace stringer/patchy qtz/ser/albite banding; trace lcl speckled leucoxene; barren
WZ-18-205	265.95	272.65	6.70	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; lower half has str fol w/ mod-str fol-controlled bi; barren
WZ-18-205	272.65	274.35	1.70	6B	Gabbro	Dark bluish green/grey; MG-CG; mod to str fol/shear; weak interstitial bi; mod chl; weak lcl patchy ser bleaching; trace stringer/patchy qtz/ser/albite banding; trace lcl speckled leucoxene; barren
WZ-18-205	274.35	287.01	12.66	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; w/ minor 6E and 6B; barren
WZ-18-205	287.01	291.55	4.54	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	291.55	296.75	5.20	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; barren
WZ-18-205	296.75	298.30	1.55	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	298.30	300.10	1.80	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; weak-mod foliation-controlled bi; barren
WZ-18-205	300.10	311.53	11.43	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	311.53	313.33	1.80	6E	Intermediate Dyke	Dark purple/grey; FG-MG; trace remnant fsp phenos (?); str interstitial fol-controlled bi; str speckled disseminated musc; str fol; mod sil; barren
WZ-18-205	313.33	324.95	11.62	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; section surrounding minor pegmatite has strong crb banded stringers and str chl/bi alt'n; barren
WZ-18-205	324.95	326.05	1.10	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; mod banded ser halos around crb stringers; mod foliation-controlled bi; barren
WZ-18-205	326.05	332.30	6.25	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	332.30	333.65	1.35	6E	Intermediate Dyke	Dark purple/grey; FG-MG; trace remnant fsp phenos (?); str interstitial fol-controlled bi; str fol; mod sil; barren
WZ-18-205	333.65	335.60	1.95	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	335.60	336.60	1.00	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; mod foliation-controlled bi; barren
WZ-18-205	336.60	342.90	6.30	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren
WZ-18-205	342.90	344.70	1.80	4B	Feldspar Porphyry	Dark purple/grey; FG g.mass w/ MG-CG weakly corroded and elongated fsp phenos ~30%; mod fol; mod sil; 1% patchy qtz; str foliation-controlled bi; barren
WZ-18-205	344.70	359.93	15.23	6B	Gabbro	Dark bluish green/grey; FG-CG; mod to str fol/shear; mod interstitial bi; mod chl; trace weak stringer crb; mod crenulated wispy/wavy appearance; barren; w/ minor 6E
WZ-18-205	359.93	361.12	1.19	6E	Intermediate Dyke	Dark purple/grey; FG-MG; trace remnant fsp phenos (?); str interstitial fol-controlled bi; str fol; mod sil; barren
WZ-18-205	361.12	373.80	12.68	6B	Gabbro	Dark bluish green/grey; FG-MG; weak fol; weak interstitial bi; mod chl; trace weak stringer crb; weak crenulated wispy/wavy appearance; 1% albite/granodiorite banding; barren
WZ-18-205	373.80	375.66	1.86	6E	Intermediate Dyke	Dark purple/grey/brown; FG; mod fol; mod interstitial bi; weak sil; weak-mod stringer/wispy bleached alt'n; w/ minor 4B ~ 40% of unit
WZ-18-205	375.66	376.62	0.96	6B	Gabbro	Dark green/grey; MG; str fol; Very str interstitial bi; mod chl; barren

WZ-18-205	376.62	379.76	3.14	1A	Massive Flows	Dark and light green/grey; FG; mod fol; mod banded bleached wisps; weak-mod bi; barren
WZ-18-205	379.76	382.72	2.96	6B	Gabbro	Dark bluish green/grey; FG-MG; mod fol w/ lcl mod shear; weak interstitial bi; mod chl; trace weak stringer crb; weak crenulated wispy/wavy appearance; 1% albite/granodiorite banding; barren
WZ-18-205	382.72	383.94	1.22	6E	Intermediate Dyke	Dark purple/grey/brown; FG; mod fol; weak-mod interstitial bi; weak sil; barren
WZ-18-205	383.94	385.05	1.11	1A	Massive Flows	Dark green/grey; FG; mod fol; weak banded bleached wisps; mod bi; barren
WZ-18-205	385.05	387.46	2.41	6B	Gabbro	Dark bluish green/grey; FG-MG; mod fol w/ lcl mod shear; mod interstitial bi; mod chl; trace weak stringer crb; barren
WZ-18-205	387.46	391.94	4.48	1A	Massive Flows	Dark green/grey; FG; mod fol; weak banded bleached wisps; mod bi; barren
WZ-18-205	391.94	395.00	3.06	4ALT	Altered Feldspar Porphyry	Medium-dark purple/grey w/ strong brown banding; FG; str fol/banding; VFG almost cherty layers of sil alt'n; mod thready banded chl/bi fol-controlled; mod sil; trace hairline fractures w/ ser halos; trace crb stringers; w/ 20% 4B segments and 2% chl/crb/act/ser 1B banding
WZ-18-205	395.00	413.16	18.16	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; trace stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; 1-2% patchy clustered qtz/alb
WZ-18-205	413.16	414.00	0.84	4ALT	Altered Feldspar Porphyry	Medium-dark purple/grey w/ mod brown banding; FG; str fol/banding; VFG almost cherty layers of sil alt'n; mod thready banded chl/bi fol-controlled; mod sil; trace hairline fractures w/ ser halos; trace crb stringers; barren
WZ-18-205	414.00	435.60	21.60	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; ~5% patchy clustered qtz/alb; 25% banded/wispy bleaching; several (<12%) 4B segments; mod banded bi; barren
WZ-18-205	435.60	440.52	4.92	4B	Feldspar Porphyry	Medium purple/grey/beige; FG; str fol; very remnant corroded and elongated fsp phenos up to 20% and as little as 3%; mod-str sil; mod bleached ser banding; mod albite banding w/ chl/amph speckling; barren
WZ-18-205	440.52	448.80	8.28	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; ~5% patchy clustered qtz/alb; 25% banded/wispy bleaching; several (<10%) 4B segments; mod banded bi; barren
WZ-18-205	448.80	450.07	1.27	6B	Gabbro	Dark grey/green/purple; MG; strong overprinting/grainsize alteration; weak fol; dioritic?; barren
WZ-18-205	450.07	451.40	1.33	4B	Feldspar Porphyry	Medium purple/grey/beige; FG; mod fol; 15% MG corroded and elongated fsp phenos; mod-str sil; weak bleached ser banding; trace albite and qtz banding; barren
WZ-18-205	451.40	458.25	6.85	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; ~5% patchy clustered qtz/alb; 25% banded/wispy bleaching; several (<10%) 4B segments; mod banded bi; barren
WZ-18-205	458.25	460.77	2.52	5B	Granodiorite	White/grey; MG; speckled; weak to no fol; 5% speckled albite eyes; 25% speckled mafics; barren
WZ-18-205	460.77	463.53	2.76	1A	Massive Flows	Dark green/grey; FG-MG; mod fol; barren
WZ-18-205	463.53	469.58	6.05	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; ~5% patchy clustered qtz/alb; 25% banded/wispy bleaching; several (<10%) 4B segments; mod banded bi; barren
WZ-18-205	469.58	471.09	1.51	4F	Felsic Dyke	White and grey; strongly irregular contacts approx 60% felsic dyket; wispy pinkish grey aplitic banding; 10% speckled bi and amph; mod to str localized bi halos; 10-15% speckled qtz clusters; trace speckled PO
WZ-18-205	471.09	486.15	15.06	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; mod boudinage; ~5% patchy clustered qtz/alb; 25% banded/wispy bleaching; several (<10%) 4B segments; mod banded bi; barren
WZ-18-205	486.15	495.70	9.55	1A	Massive Flows	Dark green/grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; barren
WZ-18-205	495.70	497.46	1.76	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; weak lcl boudinage; trace banded/wispy bleaching; weak interstitial banded bi; barren
WZ-18-205	497.46	501.54	4.08	1A	Massive Flows	Dark green/grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; barren
WZ-18-205	501.54	506.10	4.56	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; weak lcl boudinage; trace banded/wispy bleaching; weak interstitial banded bi; barren
WZ-18-205	506.10	507.70	1.60	1A	Massive Flows	Dark green/grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; barren
WZ-18-205	507.70	513.09	5.39	1B	Pillowed Flows	Medium-dark green/grey; FG-MG; mod stringer crb; weak-mod banded chl alt'd selvages; weak lcl boudinage; trace banded/wispy bleaching; weak interstitial banded bi; barren
WZ-18-205	513.09	515.60	2.51	1A	Massive Flows	Dark green/grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; barren
WZ-18-205	515.60	517.78	2.18	6B	Gabbro	Dark green/grey; MG; weak fol; mod interstitial bi; mod wispy banded crb; barren
WZ-18-205	517.78	528.66	10.88	1A	Massive Flows	Dark grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; trace banded purple silicification; barren
WZ-18-205	528.66	534.57	5.91	1B	Pillowed Flows	Medium-dark grey/green; FG; mod stringer crb; weak-mod banded chl alt'd selvages; weak lcl boudinage; trace banded/wispy bleaching; weak interstitial banded bi; barren

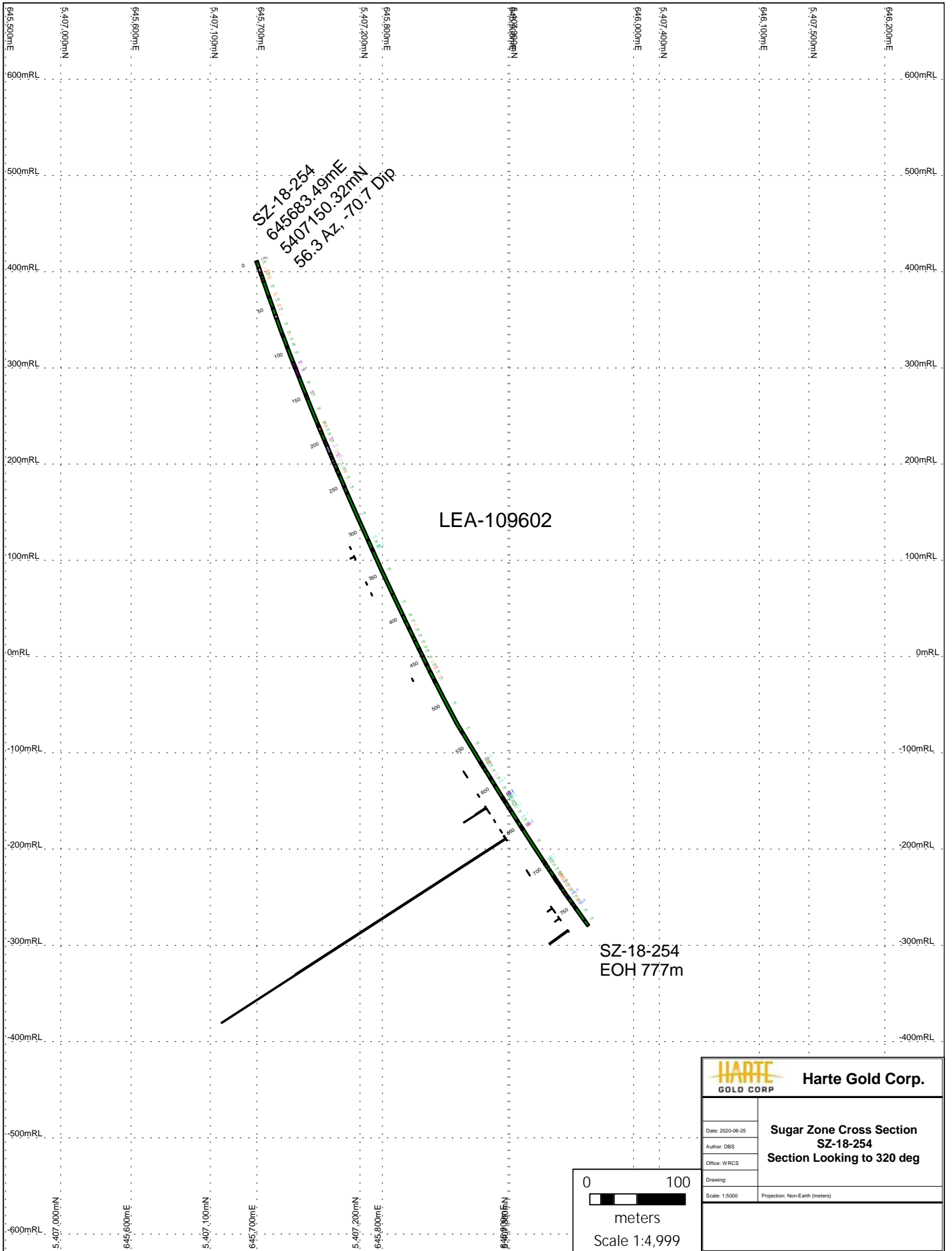
WZ-18-205	534.57	549.10	14.53	1A	Massive Flows	Dark grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; trace banded purple silicification; lcl mod silicified bleaching; trace banded albite/qtz; grades to MG/CG possible 6B?; barren
WZ-18-205	549.10	549.50	0.40	FZ	Fault Zone	Brownish beige/grey; FG; str fol; mod clays in fractures and open faulting; str bi; mod chl; weak ser alt'n; 2% stringer and blebby PO
WZ-18-205	549.50	566.12	16.62	1A	Massive Flows	Dark grey; FG-MG; mod fol; trace stringer crb; weak interstitial bi; trace banded purple silicification; lcl mod silicified bleaching; 3% banded albite/qtz; barren
WZ-18-205	566.12	572.39	6.27	4B	Feldspar Porphyry	Dark purple/grey with brown and blue banding; FG w/ FG-MG 3% weakly corroded phenos; corrosion and elongation of phenos strengthens with depth; str sil; mod patchy/banded ser; mod bi; weak chl; clappison placed in center of unit; barren
WZ-18-205	572.39	573.26	0.87	6B	Gabbro	Dark grey/green; CG; weak fol; weak-mod interstitial bi; mod pervasive chl; barren
WZ-18-205	573.26	575.92	2.66	6E	Intermediate Dyke	Dark purple/grey; FG-MG; mod-str fol; mod interstitial bi; mod sil; barren
WZ-18-205	575.92	585.25	9.33	6B	Gabbro	Dark grey/green/blue; MG-CG; mod fol; weak-mod interstitial bi; mod pervasive chl; mod lcl crenulation; 2% qtz veins/patches; barren
WZ-18-205	585.25	592.12	6.87	1A	Massive Flows	Dark grey/green; FG; weak-mod fol; mod thready fractures w/ ser/crb fill; trace qtz veinlets; mod lcl bi banding; barren
WZ-18-205	592.12	593.22	1.10	6E	Intermediate Dyke	Medium beige/grey to purple/grey; FG-MG; str fol; str ser flooding in upper half; mod sil flooding in lower half; mod speckled chl; trace sulphides
WZ-18-205	593.22	635.68	42.46	1B	Pillowed Flows	Dark grey/green; FG; mod fol; 35% bleached patches and banding; bleached areas have str ser/crb/chl/act/qtz alt'n; bleaching is discrete but moderately irregular contacts; mod chl alt'd selvages; trace banded speckled garnets; trace to 3% PY and PO in alt'd banding
WZ-18-205	635.68	644.23	8.55	6B	Gabbro	Dark grey/green; MG; weak fol; trace banded qtz/crb; weak interstitial bi; weak pervasive chl; barren
WZ-18-205	644.23	651.29	7.06	1B	Pillowed Flows	Dark grey/green; FG; mod fol; 15% bleached patches and banding; mod chl alt'd selvages; trace banded speckled garnets; barren
WZ-18-205	651.29	658.17	6.88	1A	Massive Flows	Dark grey/green; FG; weak fol; trace stringer qtz/crb; weak banded bi; weak pervasive chl; barren
WZ-18-205	658.17	685.00	26.83	6B	Gabbro	Dark grey/green; MG; weak fol; trace banded qtz/crb; weak interstitial bi; weak pervasive chl; barren
WZ-18-205	685.00	698.69	13.69	1B	Pillowed Flows	Dark grey/green; FG; mod fol; 15-20% bleached patches and banding; mod chl alt'd selvages; trace banded speckled garnets; barren
WZ-18-205	698.69	701.26	2.57	4B	Feldspar Porphyry	Dark purple/grey; FG-CG; mod-str fol; 35% mod-str corroded and strongly elongated fsp phenos; str interstitial bi; mod sil; barren
WZ-18-205	701.26	718.85	17.59	1B	Pillowed Flows	Dark grey/green; FG; mod fol; 15-20% bleached patches and banding; mod chl alt'd selvages; trace banded speckled garnets; barren
WZ-18-205	718.85	740.07	21.22	1Z	Gabbroic with gradational contacts	Dark grey/green; FG-MG; mod fol; trace banded qtz/crb; weak interstitial bi; weak pervasive chl; barren
WZ-18-205	740.07	759.38	19.31	1B	Pillowed Flows	Dark grey/green; FG; mod fol; 15-20% bleached patches and banding; mod chl alt'd selvages; trace banded speckled garnets; barren
WZ-18-205	759.38	760.70	1.32	5B	Granodiorite	White/grey; MG; speckled; weak to no fol; 5% speckled albite eyes; 15% speckled mafics; barren
WZ-18-205	760.70	767.64	6.94	1A	Massive Flows	Medium-dark grey/greenish; FG; weak-mod fol; trace crb banding; trace interstitial bi; barren
WZ-18-205	767.64	769.85	2.21	1UT	Ultramafic Talc/Chlorite Altered	Medium bluish/green grey; FG; weak fol; mod-str mag; mod chl and talc; trace interstitial bi/crb; barren
WZ-18-205	769.85	770.97	1.12	3D	Iron Formation	Dark grey/purple/brown and white; mod bedding; str sil; mod-str banded speckled garnets; weak-mod bedded chert; 2% stringer PO; mod mag
WZ-18-205	770.97	774.89	3.92	1A	Massive Flows	Medium-dark grey/greenish; FG; weak-mod fol; trace crb banding; trace interstitial bi; mod mag; barren
WZ-18-205	774.89	780.65	5.76	1UT	Ultramafic Talc/Chlorite Altered	Medium bluish/greenish grey; FG; mod fol; mod-str mag; mod chl and talc; str banded/interstitial bi/crb; barren
WZ-18-205	780.65	782.05	1.40	4B	Feldspar Porphyry	Dark grey/purple; FG w/ CG strongly corroded and elongated phenos ~25%; str fol; str bi; overprinted; w/ 15 cm felsic dyklets; barren
WZ-18-205	782.05	787.70	5.65	1A	Massive Flows	Dark bluish grey; FG; mod fol; mod interstitial bi/chl; trace stringer/wispy crb; barren
WZ-18-205	787.70	792.17	4.47	4B	Feldspar Porphyry	Medium purple/grey; FG w/ CG 30% stronger corroded and elongated fsp phenos; str interstitial bi; mod sil; mod patchy ser; minor feldite near upper contact; barren
WZ-18-205	792.17	798.30	6.13	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; mod chl alt'd selvages; mod banded/stringer/interstitial crb; weak bi; minor 3D w/ sulphides; barren
WZ-18-205	798.30	799.66	1.36	6A	Diorite	Medium greenish/bluish/grey; FG-MG; irregular; str chl; patchy; barren
WZ-18-205	799.66	802.93	3.27	1A	Massive Flows	Medium-dark grey/purple; FG; mod fol; mod sil; weak bi; barren
WZ-18-205	802.93	805.30	2.37	3D	Iron Formation	Medium purple/grey and brown/beige; VFG; str bedding; str banded cherty layers; mod bi; str qtz; mod chl; trace crb; mod ~4% stringer PO/PY
WZ-18-205	805.30	815.88	10.58	1A	Massive Flows	Medium-dark grey/purple; FG; mod fol; mod sil interstitial bleaching; weak bi; barren
WZ-18-205	815.88	818.02	2.14	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; mod chl alt'd selvages; mod banded/stringer/interstitial crb; mod-str banded bi; barren
WZ-18-205	818.02	825.70	7.68	1A	Massive Flows	Medium-dark grey/purple; FG; mod fol; mod sil interstitial bleaching; weak bi; barren

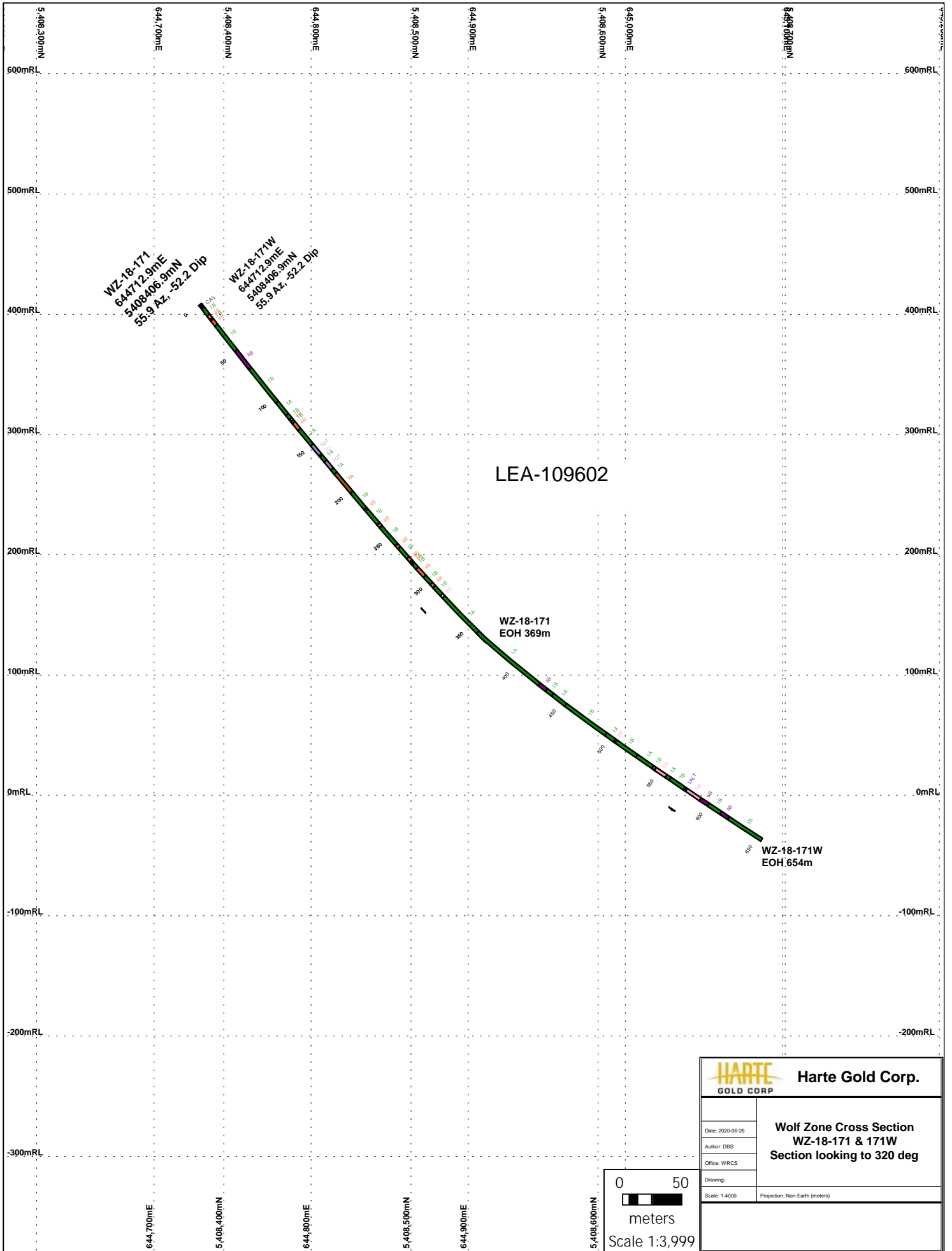
WZ-18-205	825.70	829.60	3.90	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; mod chl alt'd selvages; mod banded/stringer/interstitial crb; mod-str banded bi; barren
WZ-18-205	829.60	831.00	1.40	4B	Feldspar Porphyry	Medium-dark purple/grey;FG w/ MG mod corroded and elongated fsp phenos; mod-str sil; weak-mod bi; mod crb banding at lower contact; barren
WZ-18-205	831.00	840.18	9.18	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; mod chl alt'd selvages; mod banded/stringer/interstitial crb; mod-str banded bi; barren
WZ-18-205	840.18	842.75	2.57	4B	Feldspar Porphyry	Medium purple/grey; FG w/ MG strongly corroded fsp phenos strongly elongated; str interstitial bi; mod patchy elongated bands of albite; barren
WZ-18-205	842.75	853.72	10.97	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; str chl alt'd selvages; str banded/stringer/interstitial crb; mod-str banded bi; barren
WZ-18-205	853.72	862.84	9.12	1A	Massive Flows	Medium green/grey; FG; mod fol; trace stringer crb; mod chl; barren
WZ-18-205	862.84	872.43	9.59	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; str chl alt'd selvages; str banded/stringer/interstitial crb; mod-str banded bi; barren
WZ-18-205	872.43	875.20	2.77	4ALT	Altered Feldspar Porphyry	Medium purple; FG; str fol; str sil; mod speckled disseminated musc; mod banded bi/ser; trace speckled PY
WZ-18-205	875.20	880.38	5.18	1A	Massive Flows	Medium green/grey; FG; mod fol; trace stringer crb; mod chl; barren
WZ-18-205	880.38	881.50	1.12	1ALT	Altered Mafic Volcanic	Dark purple/grey/brown/white; FG; str fol; str banded layers w/ cherty(?) banding; str crb; str bi; trace stringer PO
WZ-18-205	881.50	884.43	2.93	1A	Massive Flows	Medium green/grey/purple/beige; FG; str fol; mod cherty(?) silica-rich bands; mod banded bi; mod banded chl; trace stringer PO
WZ-18-205	884.43	894.85	10.42	6B	Gabbro	Dark green/grey; MG-CG; str fol; str shear; str lcl bi; str pervasive chl; mod banded crb; barren
WZ-18-205	894.85	915.72	20.87	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; weak-mod chl alt'd selvages; weak banded/stringer/interstitial crb; weak banded bi; barren
WZ-18-205	915.72	918.60	2.88	4E	Pegmatite	CG; pink potassic fsp up to 4cm; interstitial fracture-controlled bi/amph/chl; str flakey/bladey bi and musc ~2-10mm; mod wispy stringers of dark red aplitic garnets or fsp?; very trace blebby MLY; 15% qtz crystals; barren
WZ-18-205	918.60	939.48	20.88	1B	Pillowed Flows	Dark grey bluish greenish; FG-MG; weak-mod chl alt'd selvages; weak banded/stringer/interstitial crb; weak banded bi; 10% banded qtz veins; barren
WZ-18-205	939.48	940.33	0.85	7A	Diabase	Dark grey; FG; no fol; 5% clustered epidote; barren; mod-str mag
WZ-18-205	940.33	990.17	49.84	6B	Gabbro	Dark green/grey; MG-CG; mof gol; weak-mod chl; mod banded and interstitial bi; 2-5% banded albite and qtz; minor 4B and 1A units; barren
WZ-18-205	990.17	1023.26	33.09	1B	Pillowed Flows	Dark green/grey; FG; mod fol; mod banded bleached wisps; str act/chl/ser banding; mod qtz banding; mod bi banding; barren
WZ-18-205	1023.26	1025.13	1.87	4B	Feldspar Porphyry	Medium purple grey; FG w/ MG 20% strongly corroded fsp phenos; mod banded albite w/ chl specks; weak ser banding; mod sil; barren
WZ-18-205	1025.13	1027.37	2.24	1B	Pillowed Flows	Dark green/grey; FG; mod fol; mod banded bleached wisps; str act/chl/ser banding; mod qtz banding; mod bi banding; barren
WZ-18-205	1027.37	1028.96	1.59	4B	Feldspar Porphyry	Medium purple grey; FG w/ MG 20% strongly corroded fsp phenos; mod banded albite w/ chl specks; weak ser banding; mod sil; barren
WZ-18-205	1028.96	1057.90	28.94	1B	Pillowed Flows	Dark green/grey; FG; mod fol; mod banded bleached wisps; str act/chl/ser banding; mod qtz banding; mod bi banding; barren; minor 5B and two ~15cm pegmatite dykes
WZ-18-205	1057.90	1062.52	4.62	1A	Massive Flows	Dark grey/green; FG-MG; mod fol; trace banded qtz/crb; weak interstitial bi; weak pervasive chl; barren
WZ-18-205	1062.52	1067.61	5.09	1B	Pillowed Flows	Dark green/grey; FG; mod fol; mod banded bleached wisps; str act/chl/ser banding; mod qtz banding; mod bi banding; barren
WZ-18-205	1067.61	1084.32	16.71	1A	Massive Flows	Med to dark greenish grey; FG; mod fol'n; mod chl; wk crb stringers; wk albite-ep-ser banding w/clusters of garnets; mn qtz stringers up to 4cm; mn 4B intrusions; barren
WZ-18-205	1084.32	1118.00	33.68	1B	Pillowed Flows	Med greenish grey; FG; mod fol'n; wk-mod bi haloes; mod ep banding; mod crb banding; wk garnet speckles; mod chl alt'n; wk ser banding; mn qtz stringers up to 4cm; trce PoPy (<1%); 1% lcl carbonate clustered 'eyes' mod elongated; mod lcl silicification flooding
WZ-18-205	1118.00	1123.49	5.49	1A	Massive Flows	Dark grey/black; FG; weak fol; mod stringer/banded qtz/crb w/ chl alt'n; patchy clustered qtz 1-2%; barren
WZ-18-205	1123.49	1139.10	15.61	7A	Diabase	Medium-dark grey; FG-MG; mod speckling; mod mag; no fol; 1-2% epidote clusters; zone of brittle fracturing possibly mechanical; trace crb stringers
WZ-18-205	1139.10	1157.58	18.48	1A	Massive Flows	Dark grey; FG-MG; weak fol; trace stringer crb; very weak pervasive chl; barren
WZ-18-205	1157.58	1158.08	0.50	1ALT	Altered Mafic Volcanic	Dark grey/green/brown; FG; str fol; str banded bi; mod banded sil; 2-4% blebby disseminated PO; trace stringer crb
WZ-18-205	1158.08	1162.75	4.67	4ALT	Altered Feldspar Porphyry	5 specks VG; Dark-medium purple; FG; str fol; very str silicification flooding throughout; mod interstitial bi; qtz flooded veins; trace speckled albite; weak banded/fracture filled ser; 2-4% lcl disseminated and blebby PO and PY
WZ-18-205	1162.75	1163.15	0.40	1ALT	Altered Mafic Volcanic	Dark grey/green/brown; FG; str fol; str banded bi; mod banded sil; 2-4% blebby disseminated PO; trace stringer crb
WZ-18-205	1163.15	1185.25	22.10	1B	Pillowed Flows	Dark grey; FG; weak fol; weak chl alt'd selvages; trace crb stringers; trace 7A dyklets; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1185.25	1190.45	5.20	7A	Diabase	Dark grey; FG; 2-5% epidote clusters locally concentrated; mod mag; barren
WZ-18-205	1190.45	1197.09	6.64	1A	Massive Flows	Dark grey; FG-MG; weak fol; trace stringer crb/Qtz; barren
WZ-18-205	1197.09	1202.93	5.84	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; mod sil banding; barren
WZ-18-205	1202.93	1203.65	0.72	4ALT	Altered Feldspar Porphyry	Medium-dark purple/grey; FG; mod fol; mod interstitial bi; weak ser fracture halos trace albite patches; weak-mod sil; barren

WZ-18-205	1203.65	1204.39	0.74	1ALT	Altered Mafic Volcanic	Dark green/grey and brown; FG; mod-str fol; mod mottled alt'n; str bi; mod crb; mod chl alt'd selvages; trace speckled sulphides
WZ-18-205	1204.39	1210.94	6.55	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1210.94	1212.20	1.26	4ALT	Altered Feldspar Porphyry	Medium-dark purple/grey; FG; mod fol; mod interstitial bi; weak ser fracture halos; mod albite speckling and patches; weak-mod sil; barren
WZ-18-205	1212.20	1222.28	10.08	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1222.28	1224.15	1.87	4ALT	Altered Feldspar Porphyry	Medium-dark purple/grey and beige; FG; mod-str fol; mod interstitial bi; mod ser fracture halos; str ser flooding lcl; 5% albite banding w/ speckled amph; weak-mod sil; w/ minor SB in center; barren
WZ-18-205	1224.15	1238.85	14.70	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1238.85	1239.67	0.82	4ALT	Altered Feldspar Porphyry	Medium purple/grey and beige; FG; mod-str fol; mod interstitial bi; mod ser fracture halos; str ser flooding lcl; 5% albite banding w/ speckled amph; weak-mod sil; barren
WZ-18-205	1239.67	1243.36	3.69	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1243.36	1244.97	1.61	4E	Pegmatite	White/grey/pink/greenish-black; FG-CG; might be altered SB w/ pegmatite dyklets of CG material; mod potassic alt'n; mod aplitic albite; mod speckled mafics; trace sulphides
WZ-18-205	1244.97	1247.14	2.17	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1247.14	1249.80	2.66	4E	Pegmatite	White/grey/pink/greenish-black; FG-vCG; CG bluish fsps w/ CG qtz; 40% might be altered SB w/ pegmatite dyklets of CG material; mod potassic alt'n; mod aplitic albite; mod speckled mafics; trace sulphides
WZ-18-205	1249.80	1252.35	2.55	4B	Feldspar Porphyry	Medium purple/grey w/ dark green speckling; FG gmass w/ 25% mod-str corroded and weakly elongated fsp phenos MG; grades to mostly FG with depth; mod fol; mod patchy and banded ser; mod sil; mod interstitial and speckled bi and chl; barren
WZ-18-205	1252.35	1256.85	4.50	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1256.85	1258.55	1.70	4E	Pegmatite	White/grey/pink/greenish-black; FG-CG; might be altered SB w/ pegmatite dyklets of CG material; mod potassic alt'n; mod aplitic albite; mod speckled mafics; trace sulphides
WZ-18-205	1258.55	1259.67	1.12	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1259.67	1261.46	1.79	4E	Pegmatite	White/grey/pink/greenish-black; FG-CG; might be altered SB w/ pegmatite dyklets of CG material; mod potassic alt'n; mod aplitic albite; mod speckled mafics; trace sulphides
WZ-18-205	1261.46	1262.24	0.78	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1262.24	1263.18	0.94	4ALT	Altered Feldspar Porphyry	Medium purple/grey and beige; FG; mod-str fol; mod interstitial bi; mod ser fracture halos; str ser flooding lcl; 5% albite banding w/ speckled amph; weak-mod sil; barren
WZ-18-205	1263.18	1297.25	34.07	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO
WZ-18-205	1297.25	1299.25	2.00	4B	Feldspar Porphyry	Medium purple/grey w/ dark green speckling; FG gmass w/ 25% mod-str corroded and weakly elongated fsp phenos MG; mod fol; mod patchy and banded ser w/ zone of str flooded ser bleaching; mod sil; mod interstitial and speckled bi and chl; barren
WZ-18-205	1299.25	1303.00	3.75	1B	Pillowed Flows	Dark grey; FG; mod fol; mod chl alt'd selvages; trace crb stringers; 1-2% qtz veins; very trace PY/PO

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
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	390.94	391.94	1.00	596929	0.012	12		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	OREAS 215				596930	3.47	3470		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	391.94	392.94	1.00	596931	0.006	6		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	392.94	393.97	1.03	596932	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	393.97	395.00	1.03	596933	0.011	11		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	395.00	396.00	1.00	596934	0.005	5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	412.16	413.16	1.00	596935	0.006	6		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	413.16	414.00	0.84	596936	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	414.00	415.00	1.00	596937	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	871.43	872.43	1.00	596938	0.006	6		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	872.43	873.20	0.77	596939	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Blank				596940	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	873.20	874.20	1.00	596941	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	874.20	875.20	1.00	596942	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	875.20	876.20	1.00	596943	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	879.38	880.38	1.00	596944	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	880.38	881.00	0.62	596945	0.032	32		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	881.00	881.50	0.50	596946	0.006	6		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	881.50	882.43	0.93	596947	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	882.43	883.43	1.00	596948	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	883.43	884.43	1.00	596949	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	OREAS 216				596950	6.24	6240		
WZ-18-205	Middle Zone	Actlabs	A18-11148	20-Aug-18	11-Sep-18	Assay	884.43	885.43	1.00	596951	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1155.58	1156.58	1.00	596952	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1156.58	1157.58	1.00	596953	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1157.58	1158.08	0.50	596954	6.47	> 10000	12.8	6.47
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1158.08	1159.00	0.92	596955	0.198	198		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1159.00	1160.00	1.00	596956	0.088	88		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1160.00	1160.30	0.30	596957	12.7	> 10000	11.4	12.7
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1160.30	1161.00	0.70	596958	0.125	125		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1161.00	1162.00	1.00	596959	0.785	785		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Blank				596960	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1162.00	1162.75	0.75	596961	0.481	481		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1162.75	1163.15	0.40	596962	0.175	175		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1163.15	1164.15	1.00	596963	0.036	36		
WZ-18-205	Middle Zone	Actlabs	A18-12444	16-Aug-18	11-Sep-18	Assay	1164.15	1165.15	1.00	596964	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1201.93	1202.93	1.00	696965	0.014	14		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1202.93	1203.65	0.72	696966	0.096	96		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1203.65	1204.39	0.74	696967	0.094	94		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1204.39	1205.39	1.00	696968	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1209.94	1210.94	1.00	696969	0.015	15		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	OREAS 210				696970	5.26	5260		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1210.94	1211.55	0.61	696971	0.005	5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1211.55	1212.20	0.65	696972	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1212.20	1213.20	1.00	696973	0.007	7		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1221.28	1222.28	1.00	696974	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1222.28	1223.22	0.94	696975	0.016	16		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1223.22	1224.15	0.93	696976	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1224.15	1225.00	0.85	696977	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1225.00	1226.00	1.00	696978	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1226.00	1227.00	1.00	696979	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Blank				696980	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1237.85	1238.85	1.00	696981	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1238.85	1239.67	0.82	696982	0.024	24		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1239.67	1240.67	1.00	696983	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1240.67	1241.67	1.00	696984	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1258.67	1259.67	1.00	696985	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1259.67	1260.24	0.57	696986	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1260.24	1261.24	1.00	696987	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1261.24	1262.24	1.00	696988	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1262.24	1263.18	0.94	696989	0.0025	< 5		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	OREAS 215				696990	3.57	3570		
WZ-18-205	Middle Zone	Actlabs	A18-12594	10-Sep-18	01-Oct-18	Assay	1263.18	1264.18	1.00	696991	0.0025	< 5		

Appendix D – Sugar & Wolf Zones – 2018 Drill Hole Cross Sections






WZ-18-171
644712.9mE
5408406.9mN
55.9 Az, -52.2 Dip

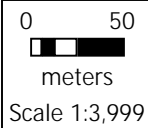
WZ-18-171W
644712.9mE
5408406.9mN
55.9 Az, -52.2 Dip

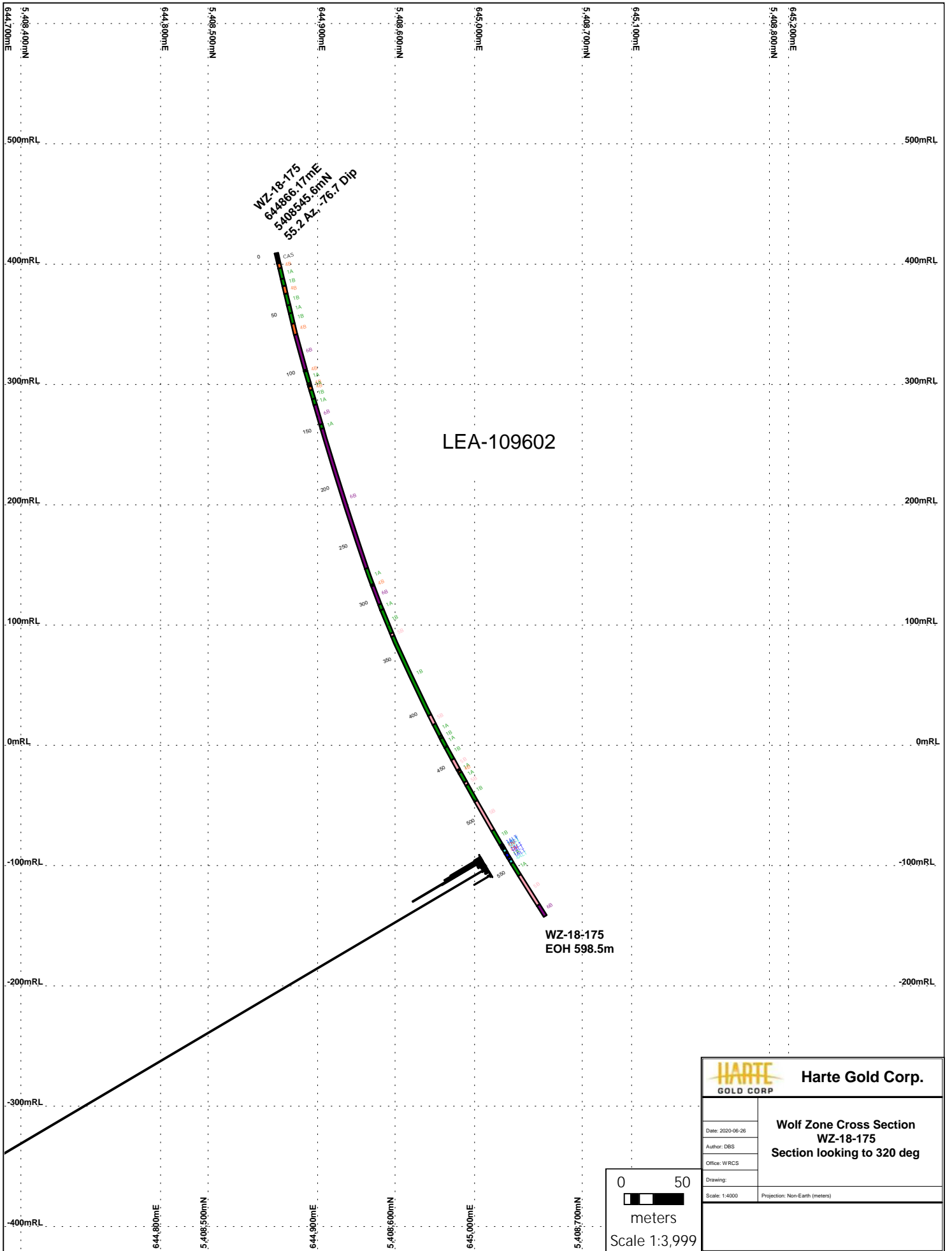
LEA-109602

WZ-18-171
EOH 369m

WZ-18-171W
EOH 654m

 Harte Gold Corp.	
Wolf Zone Cross Section WZ-18-171 & 171W Section looking to 320 deg	
Date: 2020-06-26	Drawing:
Author: DBS	
Office: WRCS	
Scale: 1:4000	Projection: Non-Earth (meters)




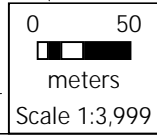


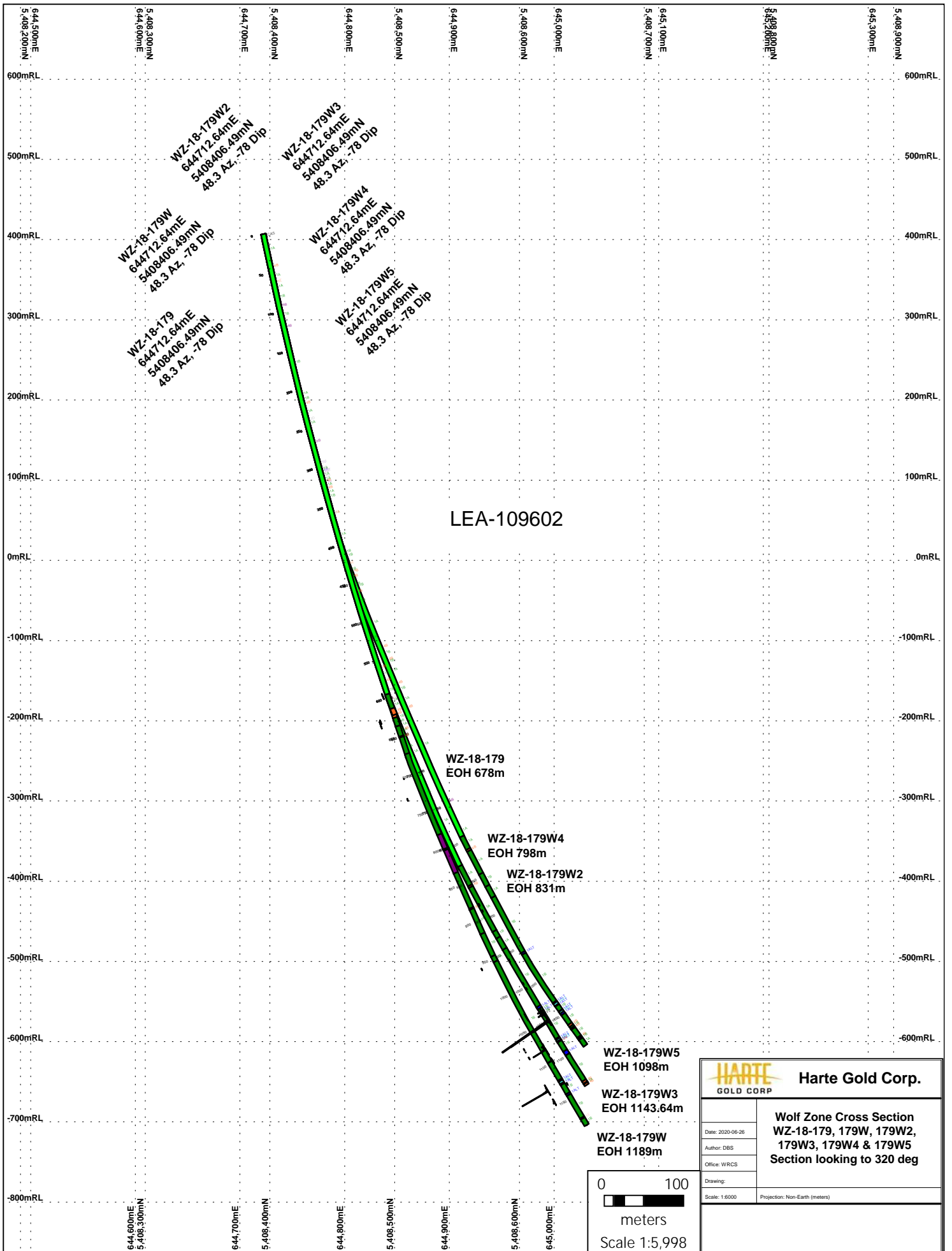
WZ-18-175
 64486.17mE
 55.2 Az, -76.7 Dip

LEA-109602

WZ-18-175
 EOH 598.5m

 Harte Gold Corp.	
Date: 2020-06-26 Author: DBS Office: WRCS Drawing:	Wolf Zone Cross Section WZ-18-175 Section looking to 320 deg
Scale: 1:4000 Projection: Non-Earth (meters)	





LEA-109602

WZ-18-179
EOH 678m

WZ-18-179W4
EOH 798m

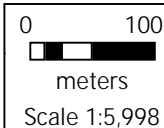
WZ-18-179W2
EOH 831m

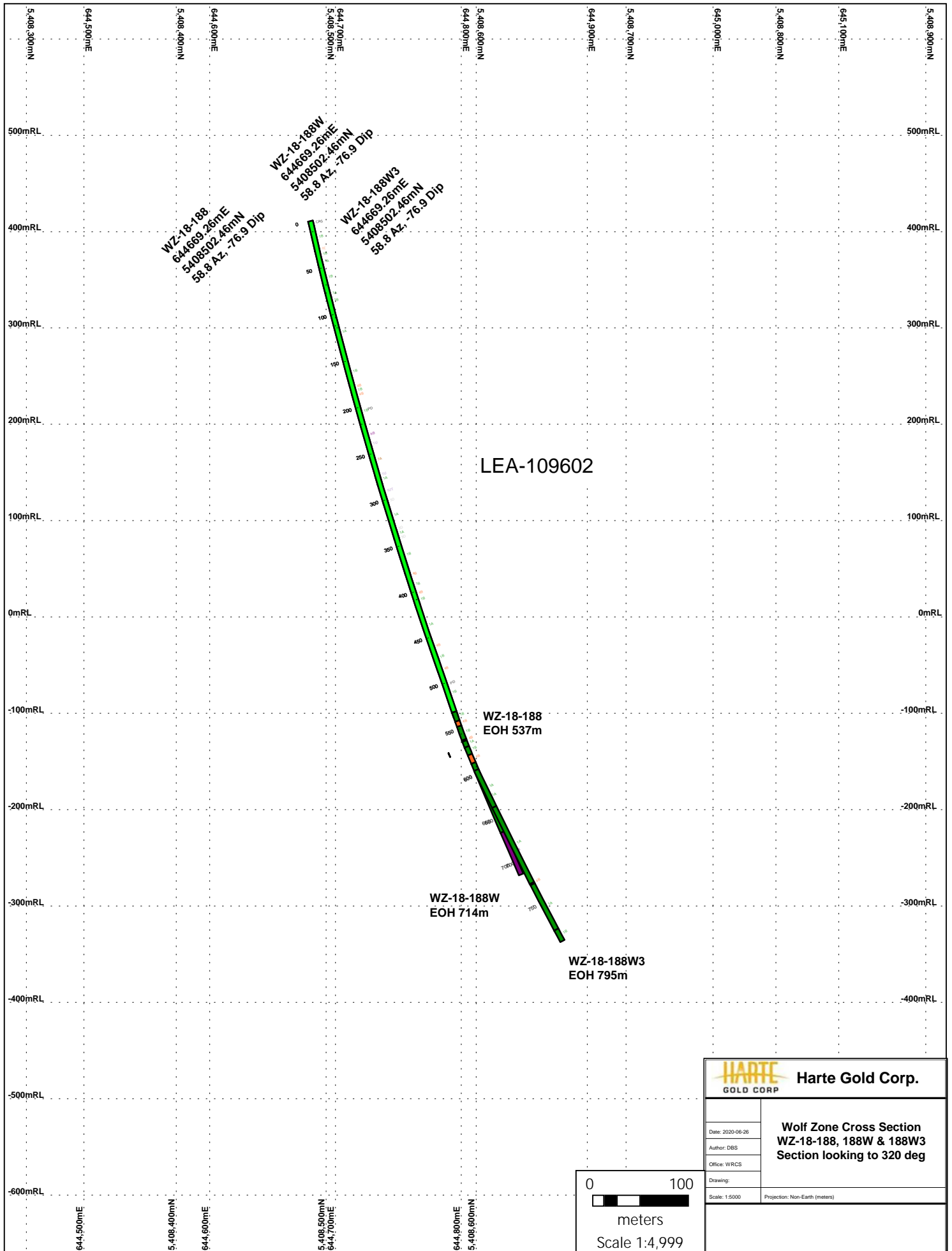
WZ-18-179W5
EOH 1098m


WZ-18-179W3
EOH 1143.64m

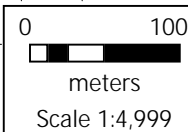
WZ-18-179W
EOH 1189m

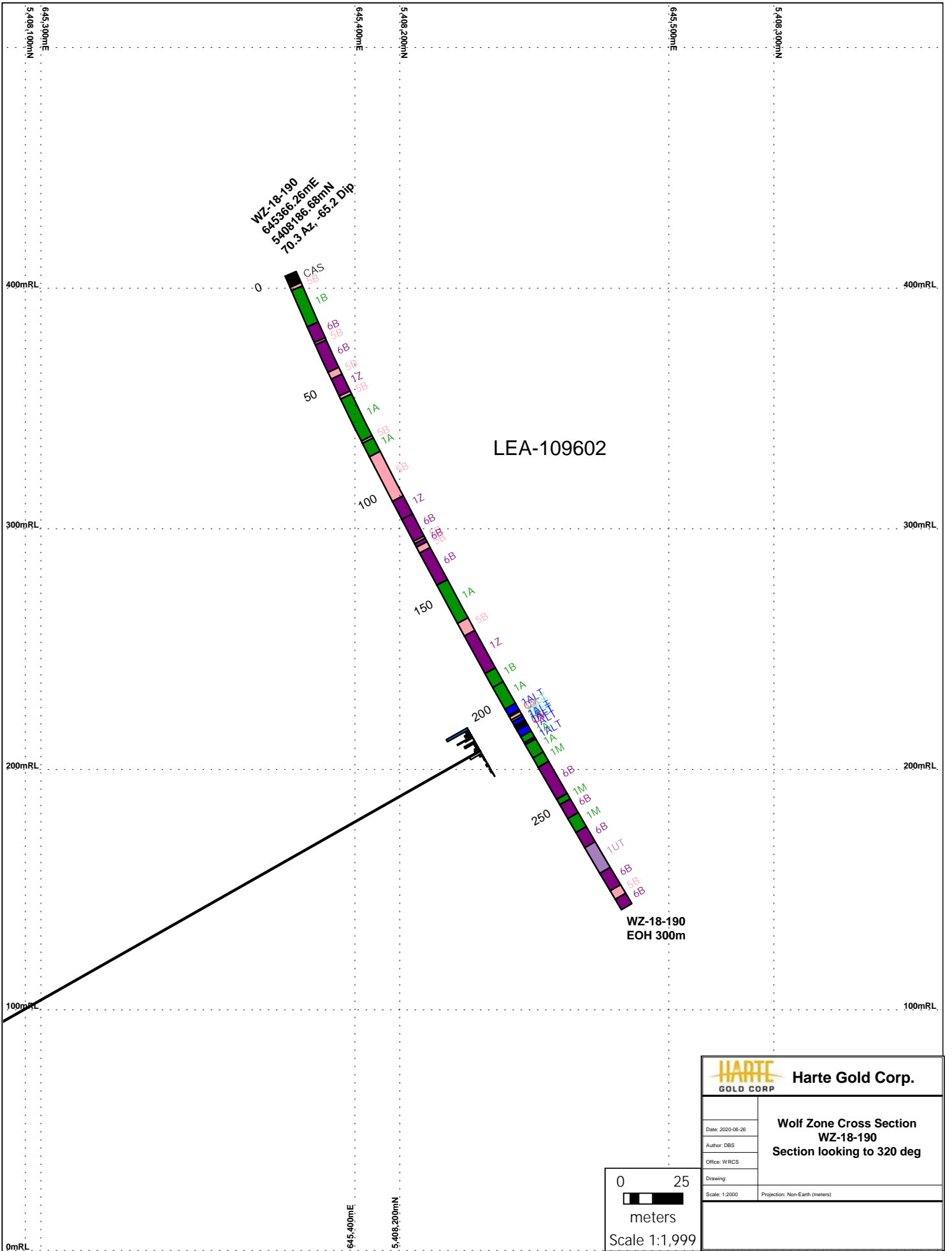
Harte Gold Corp.	
Wolf Zone Cross Section WZ-18-179, 179W, 179W2, 179W3, 179W4 & 179W5 Section looking to 320 deg	
Date: 2020-06-26	Drawing:
Author: DBS	Scale: 1:6000
Office: WRCS	Projection: Non-Earth (meters)



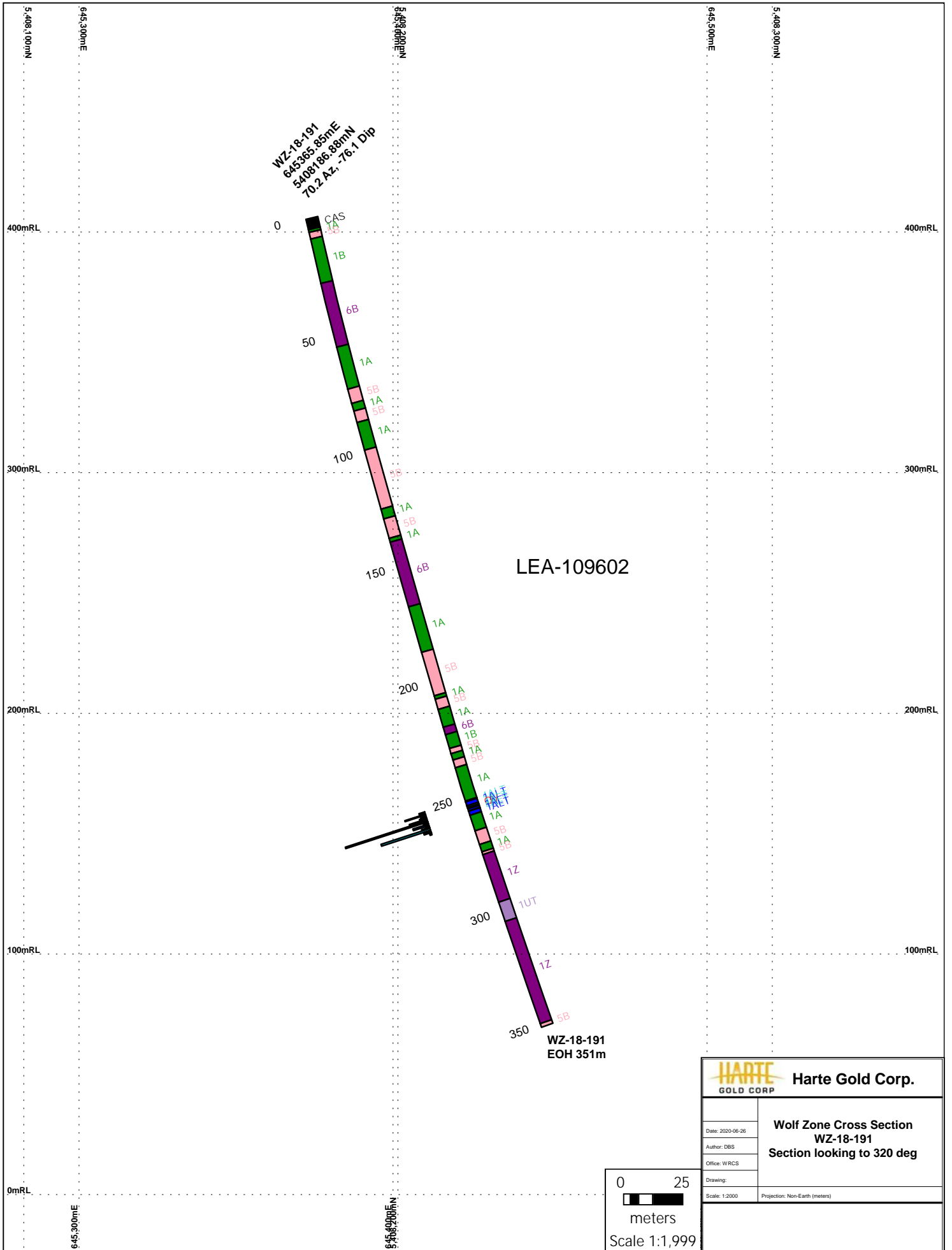


 Harte Gold Corp.	
Date: 2020-06-26 Author: DBS Office: WRCS Drawing:	Wolf Zone Cross Section WZ-18-188, 188W & 188W3 Section looking to 320 deg
Scale: 1:5000	Projection: Non-Earth (meters)

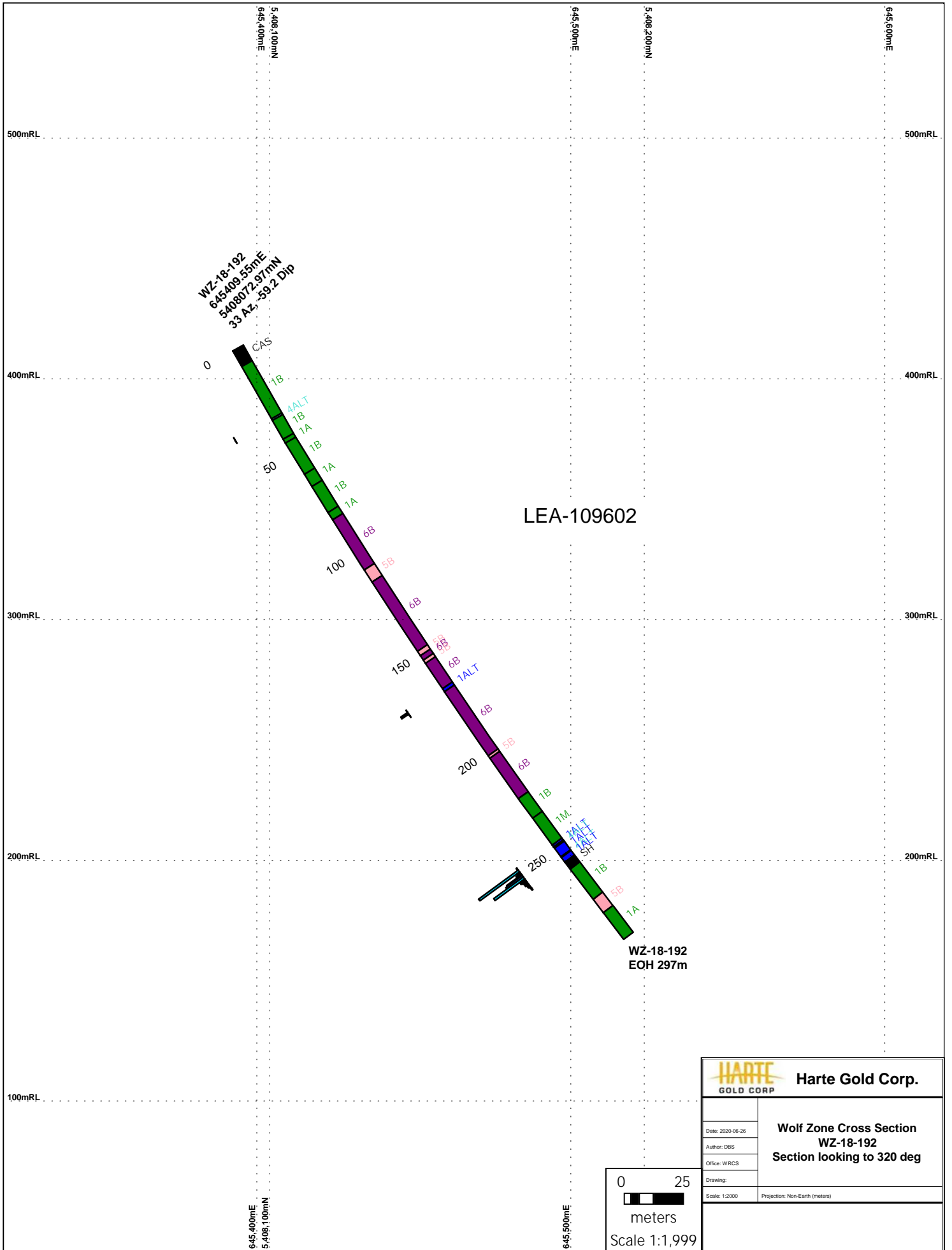


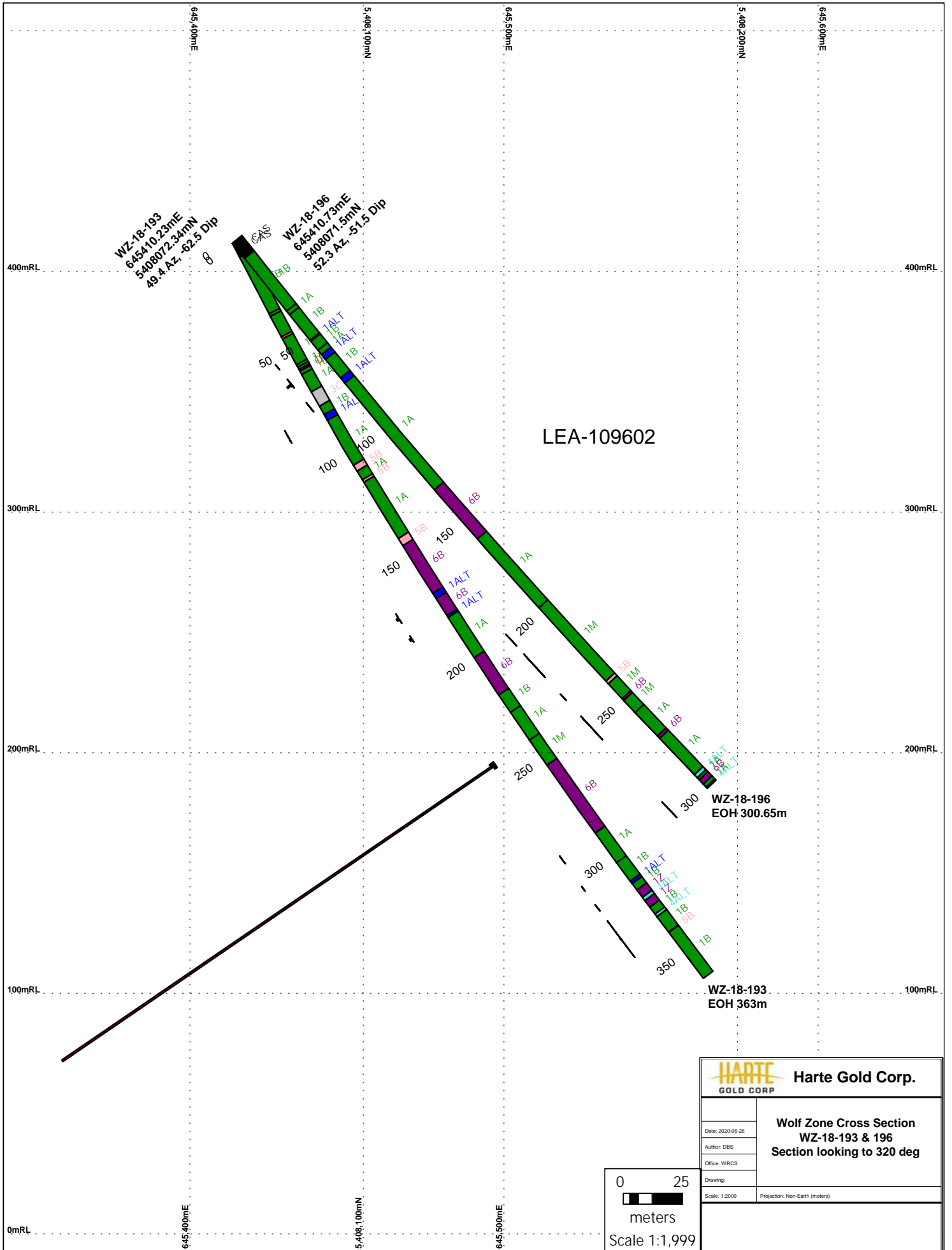



<p>Harte Gold Corp.</p>	
<p>Wolf Zone Cross Section WZ-18-190 Section looking to 320 deg</p>	
<p>Date: 2020-06-26</p> <p>Author: DBS</p> <p>Office: WRCS</p>	<p>Drawing:</p> <p>Scale: 1:2000</p> <p>Projection: Non-Earth (meters)</p>

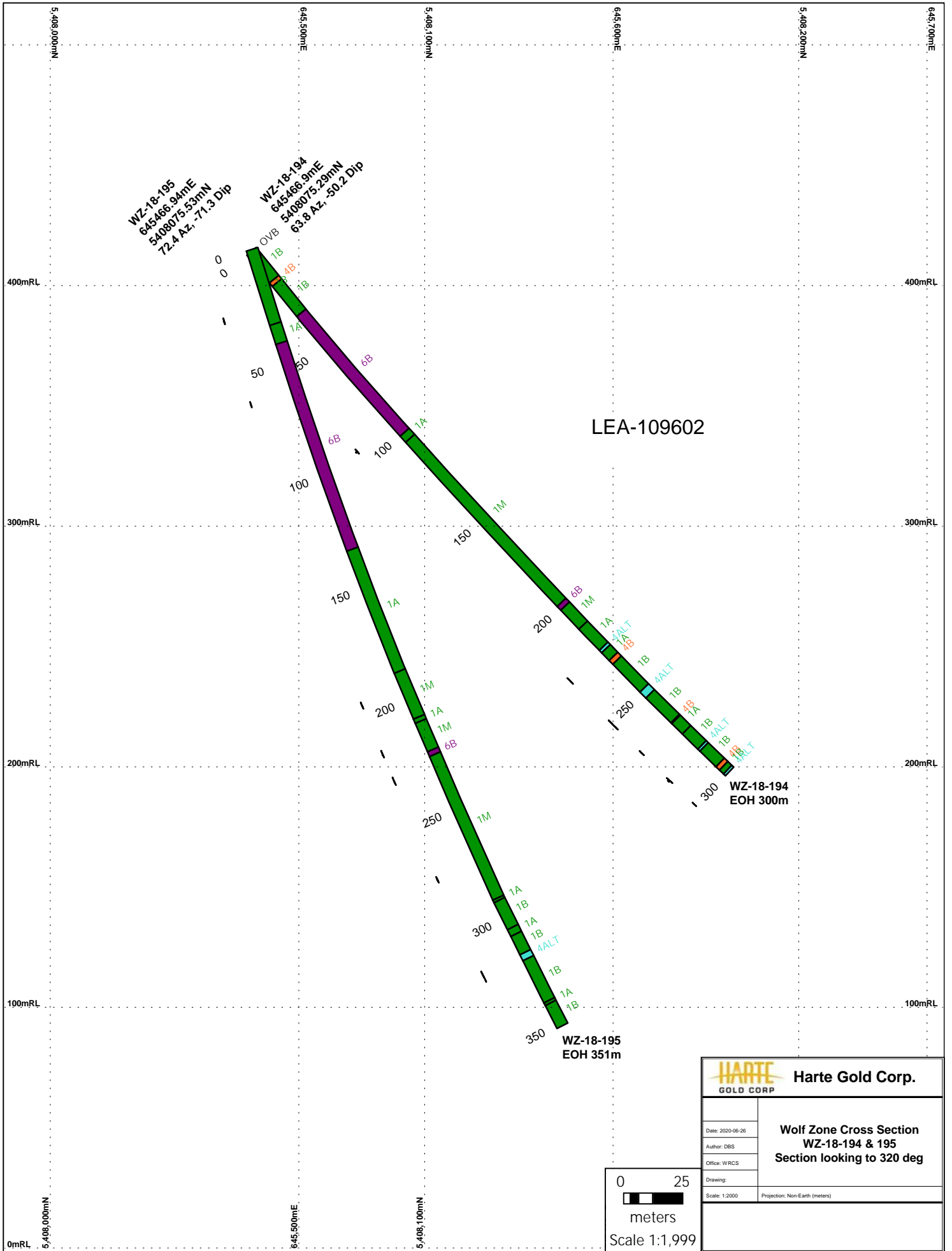


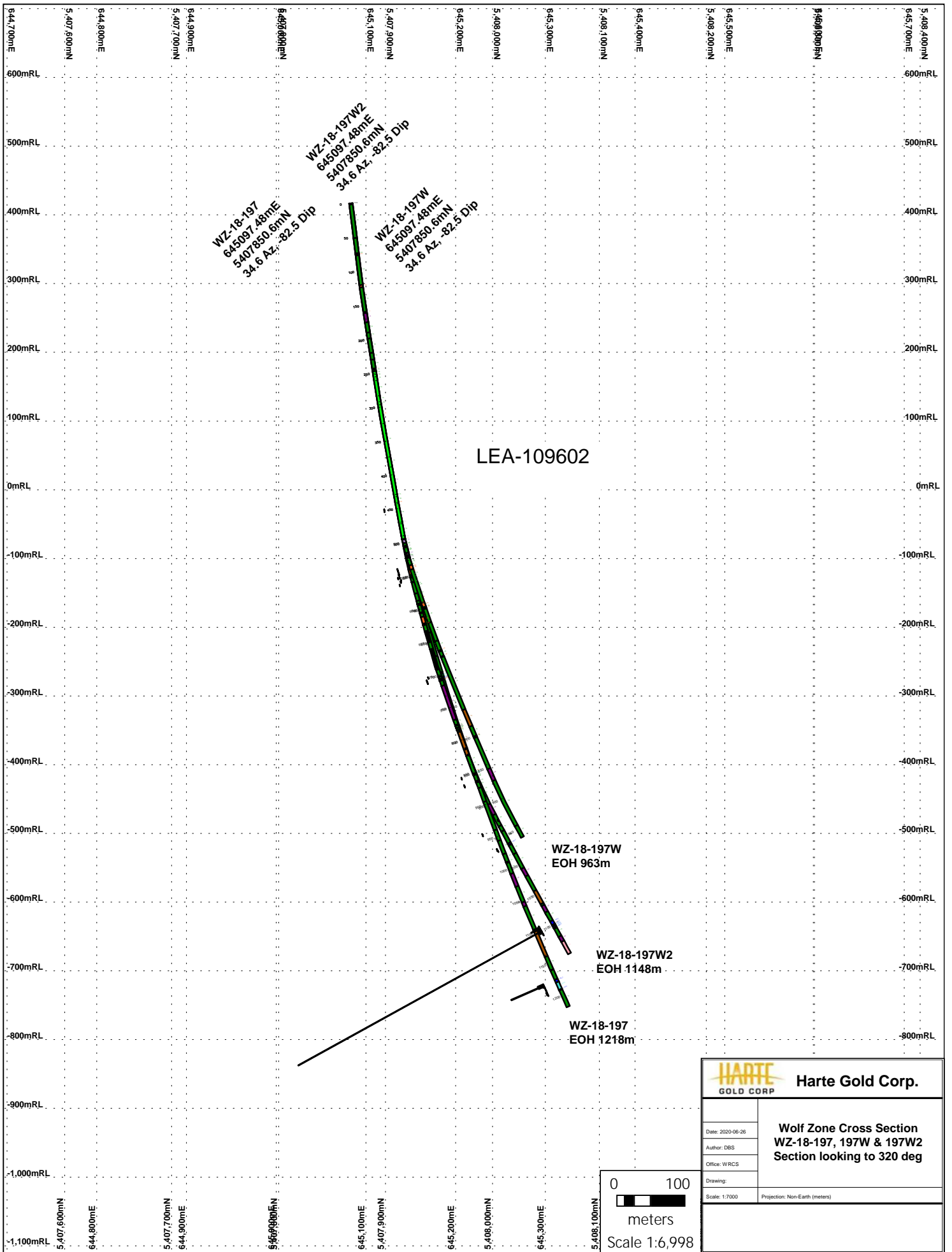
Harte Gold Corp.	
Wolf Zone Cross Section WZ-18-191 Section looking to 320 deg	
Date: 2020-06-26 Author: DBS Office: WRCS Drawing:	Projection: Non-Earth (meters)

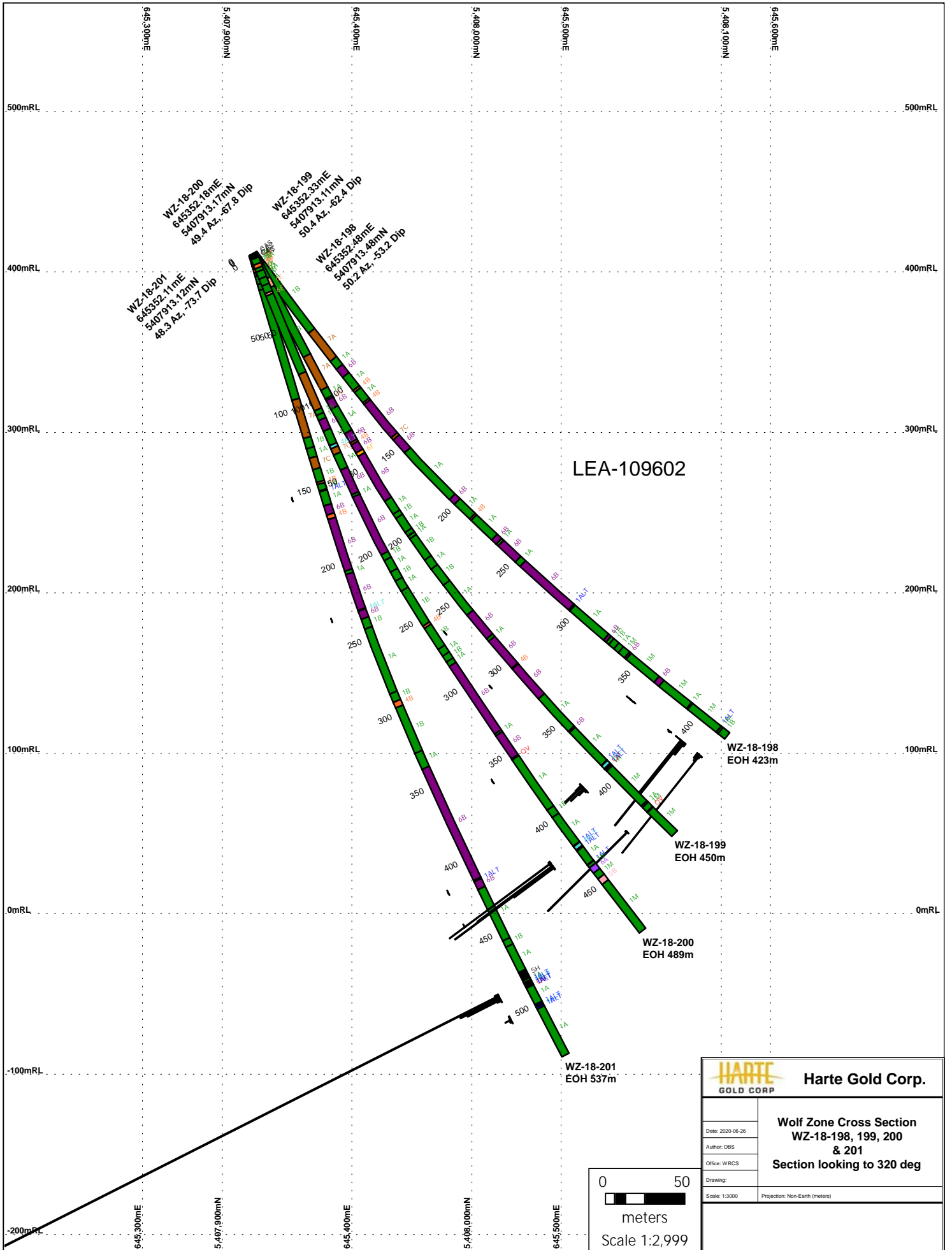




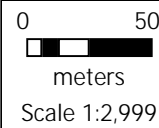
 Harte Gold Corp.	
Date: 2020-06-26 Author: DBS Office: WRCS Drawing:	Wolf Zone Cross Section WZ-18-193 & 196 Section looking to 320 deg
Scale: 1:2000	Projection: Non-Earth (meters)

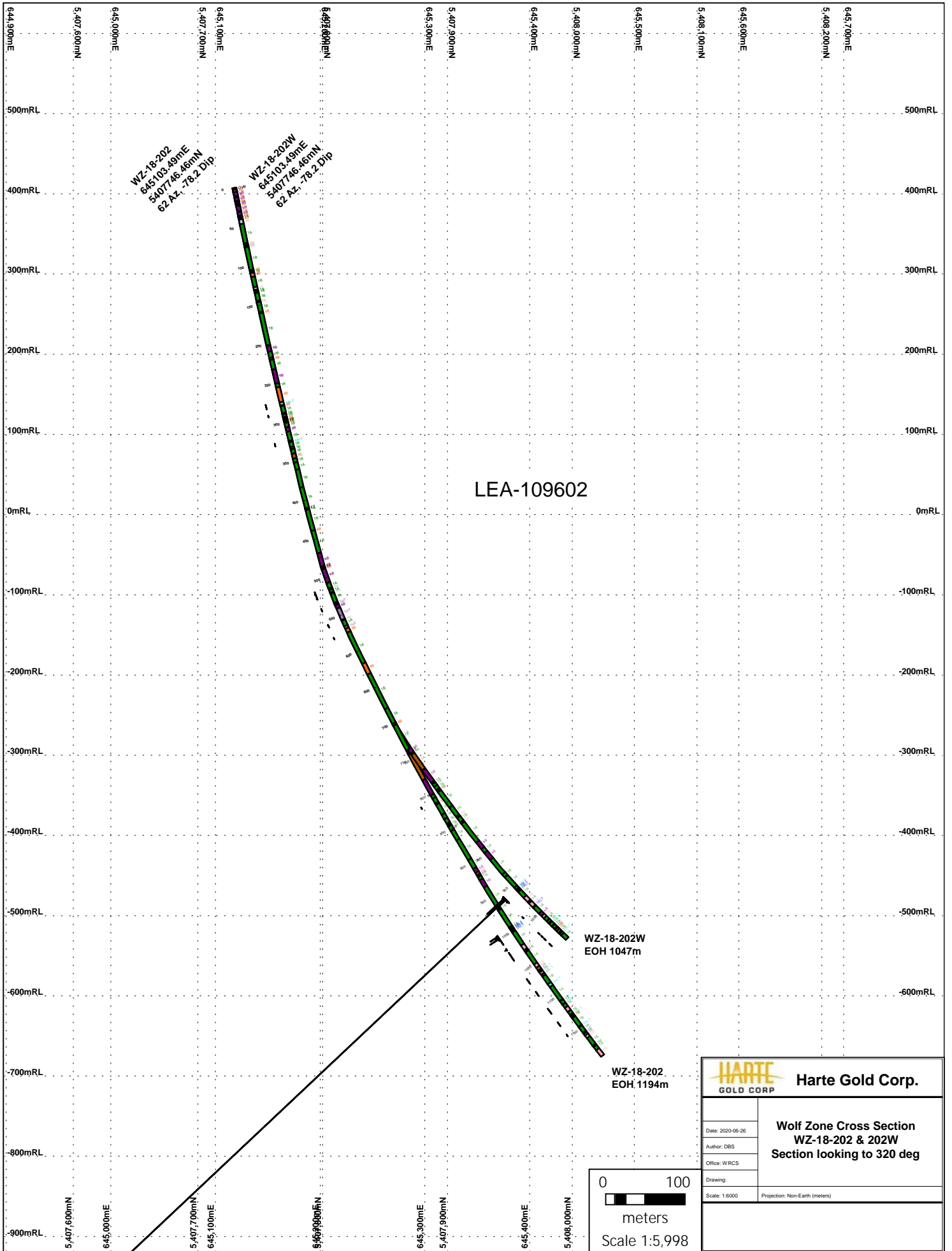


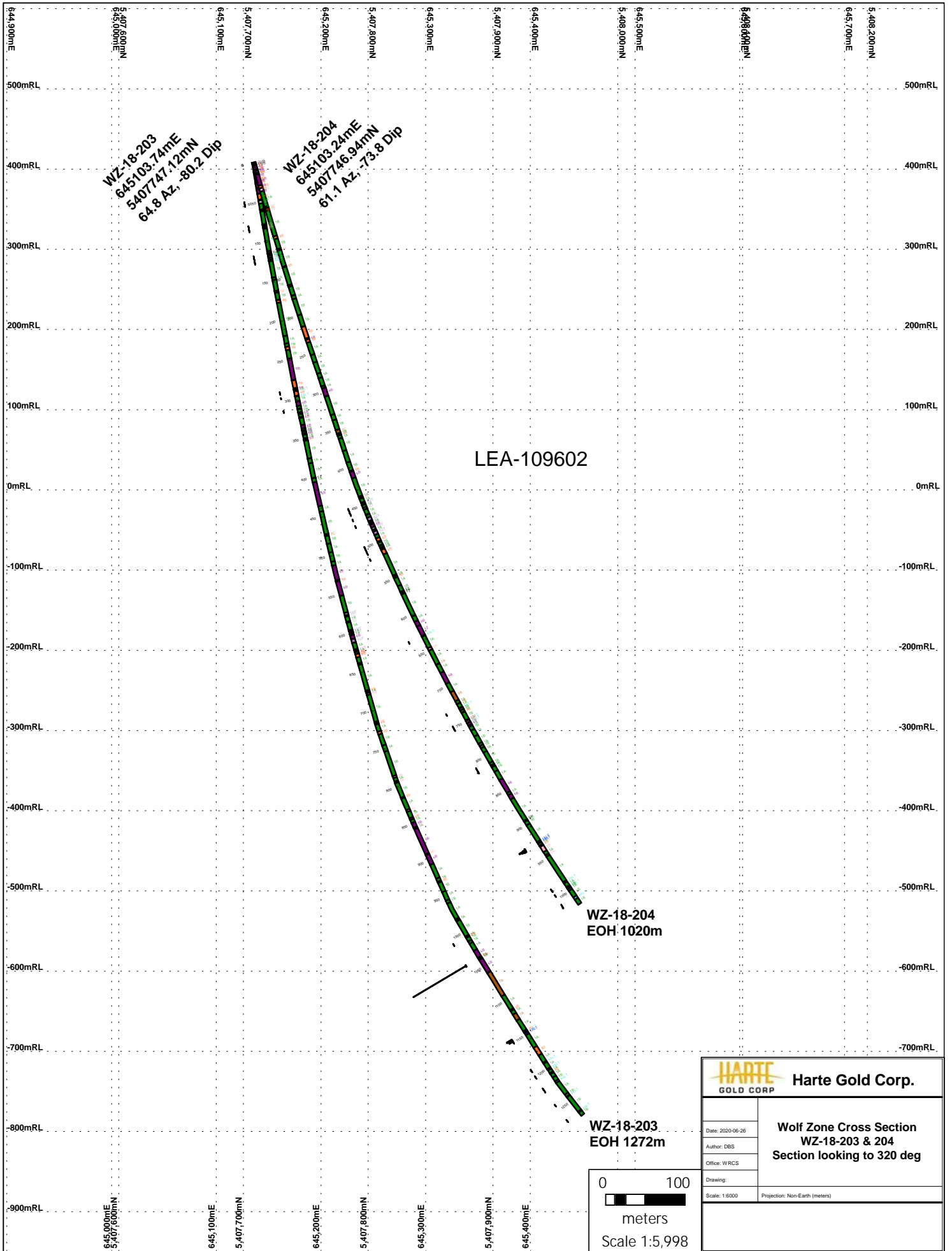


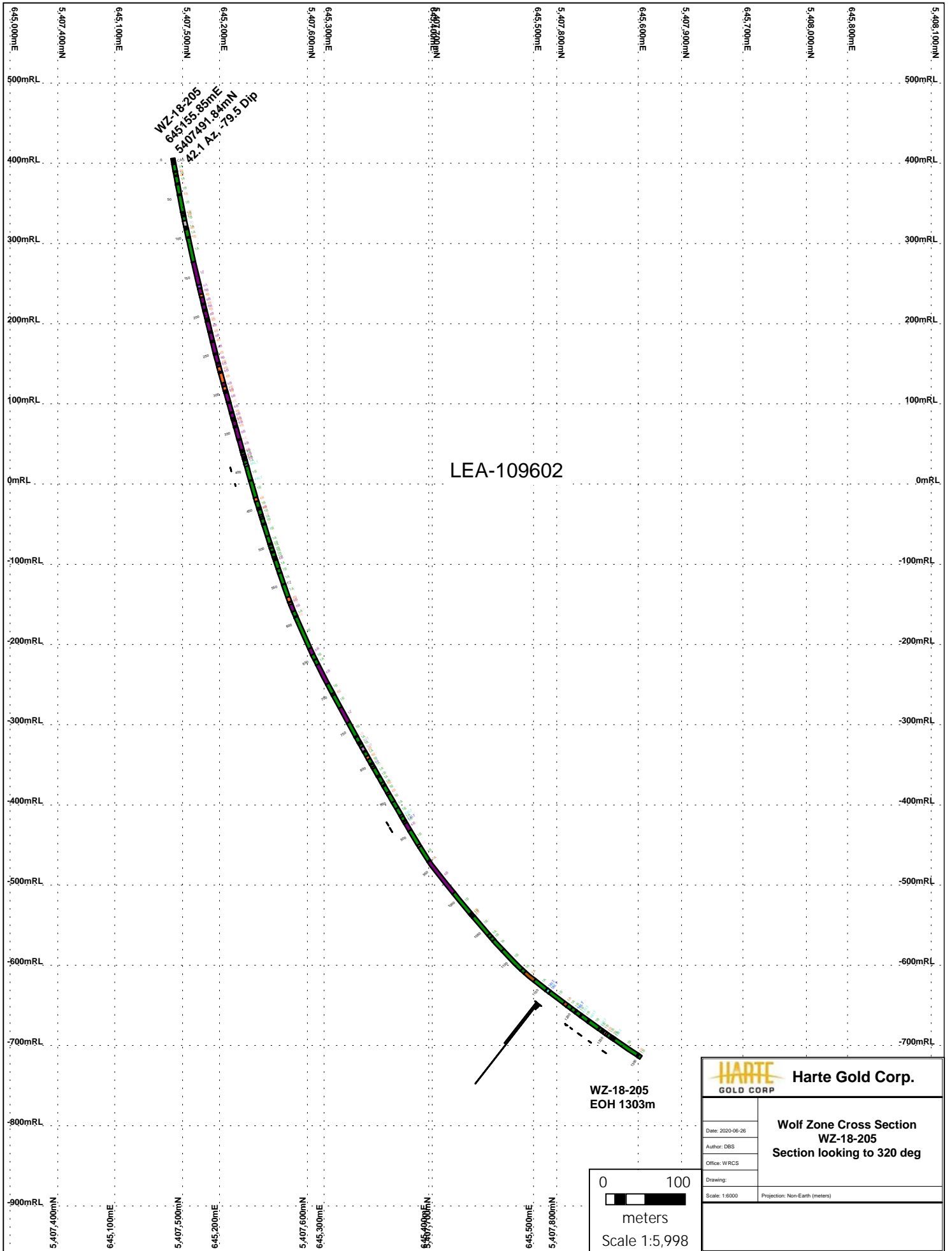


HARTE GOLD CORP.		Harte Gold Corp.	
Date: 2020-06-26		Wolf Zone Cross Section WZ-18-198, 199, 200 & 201 Section looking to 320 deg	
Author: DBS			
Office: WRCS			
Drawing:		Projection: Non-Earth (meters)	
Scale: 1:3000			

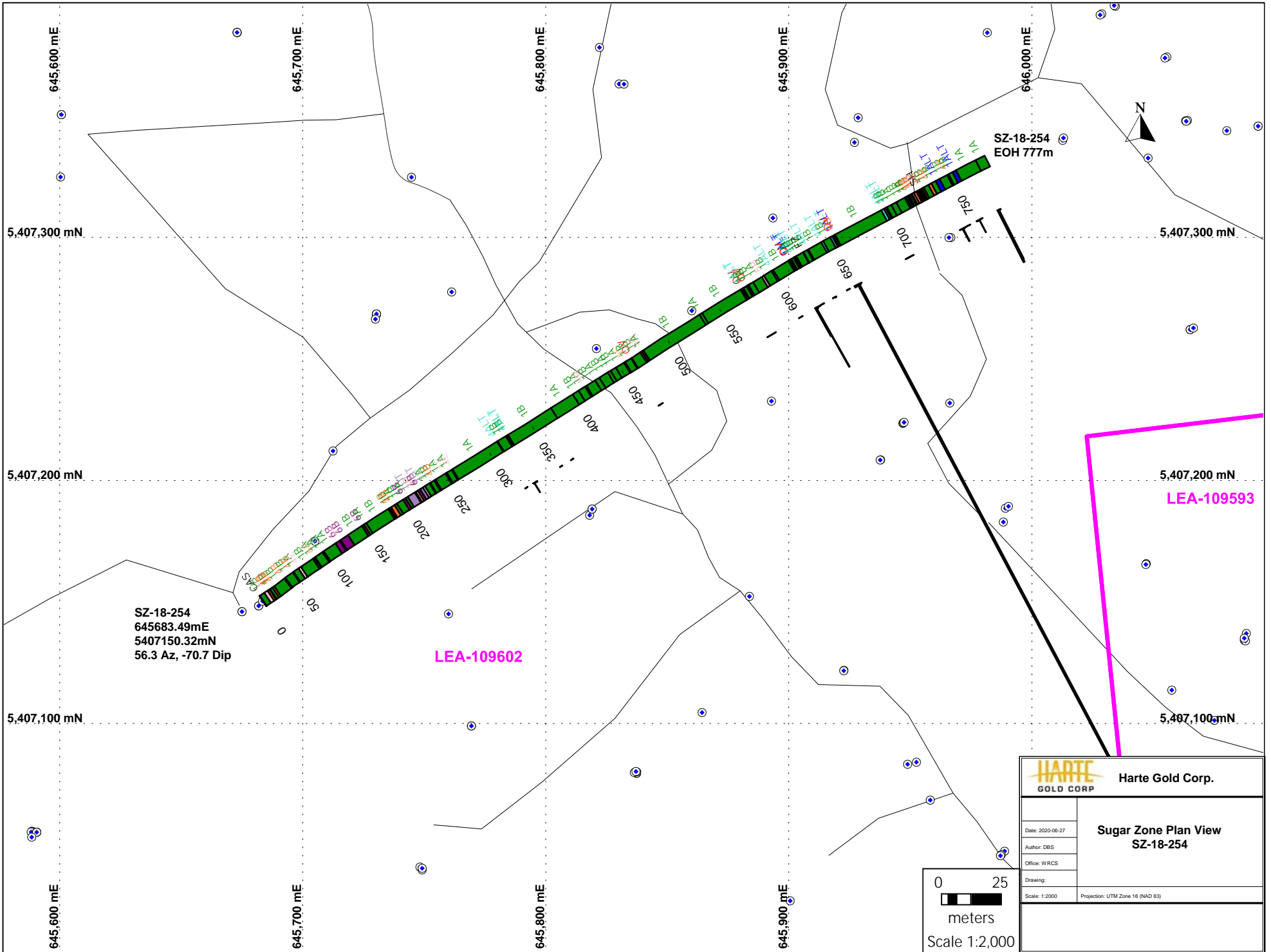








Appendix E – Sugar & Wolf Zones – 2018 Drill Hole Plans

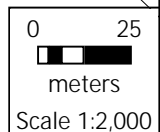


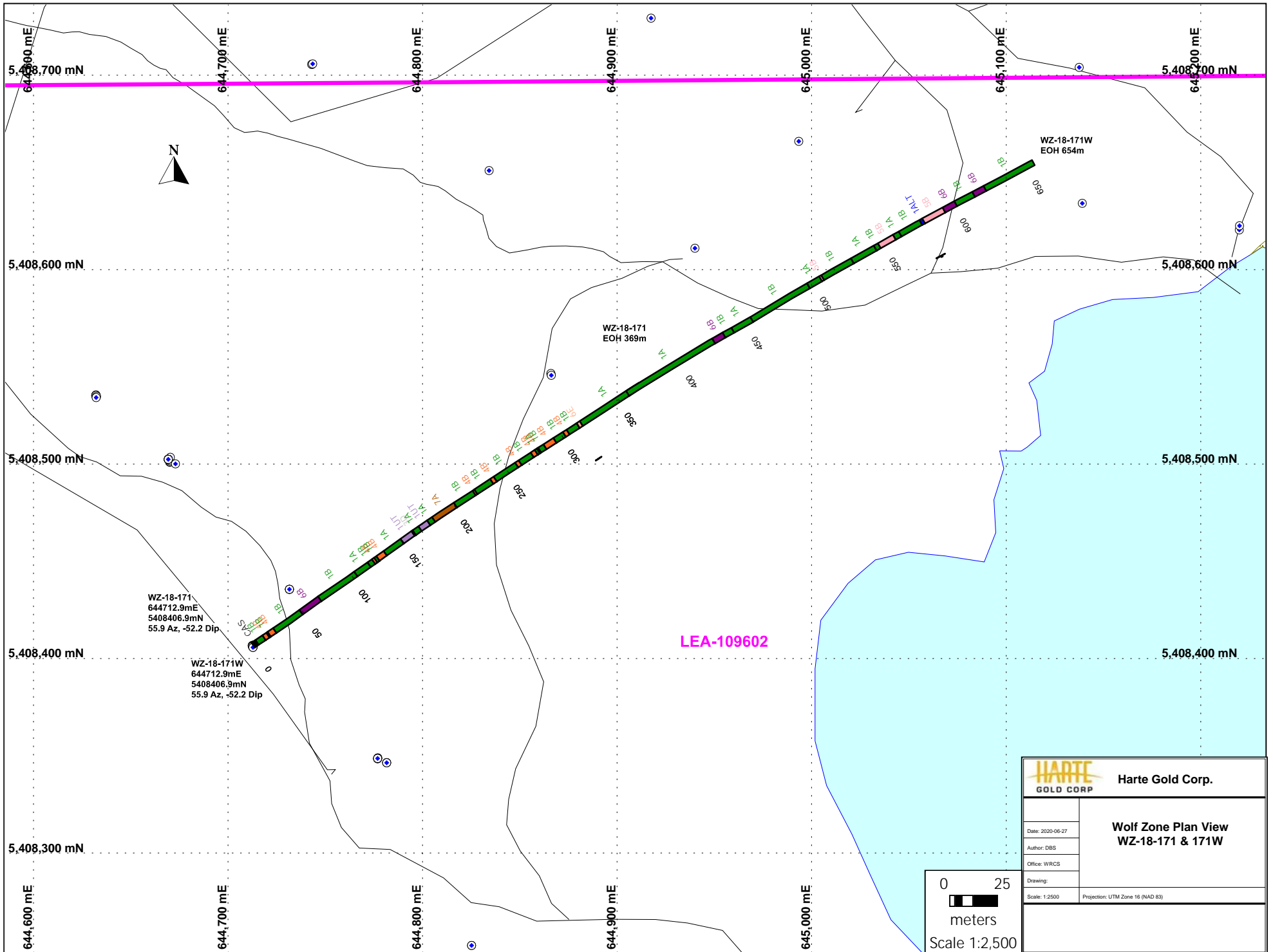
SZ-18-254
 645683.49mE
 5407150.32mN
 56.3 Az, -70.7 Dip

LEA-109602

LEA-109593

		Harte Gold Corp.	
Date: 2020-06-27 Author: DBS Office: WRCS		Sugar Zone Plan View SZ-18-254	
Scale: 1:2000 Projection: UTM Zone 18 (NAD 83)			





WZ-18-171
 644712.9mE
 5408406.9mN
 55.9 Az, -52.2 Dip

WZ-18-171W
 644712.9mE
 5408406.9mN
 55.9 Az, -52.2 Dip

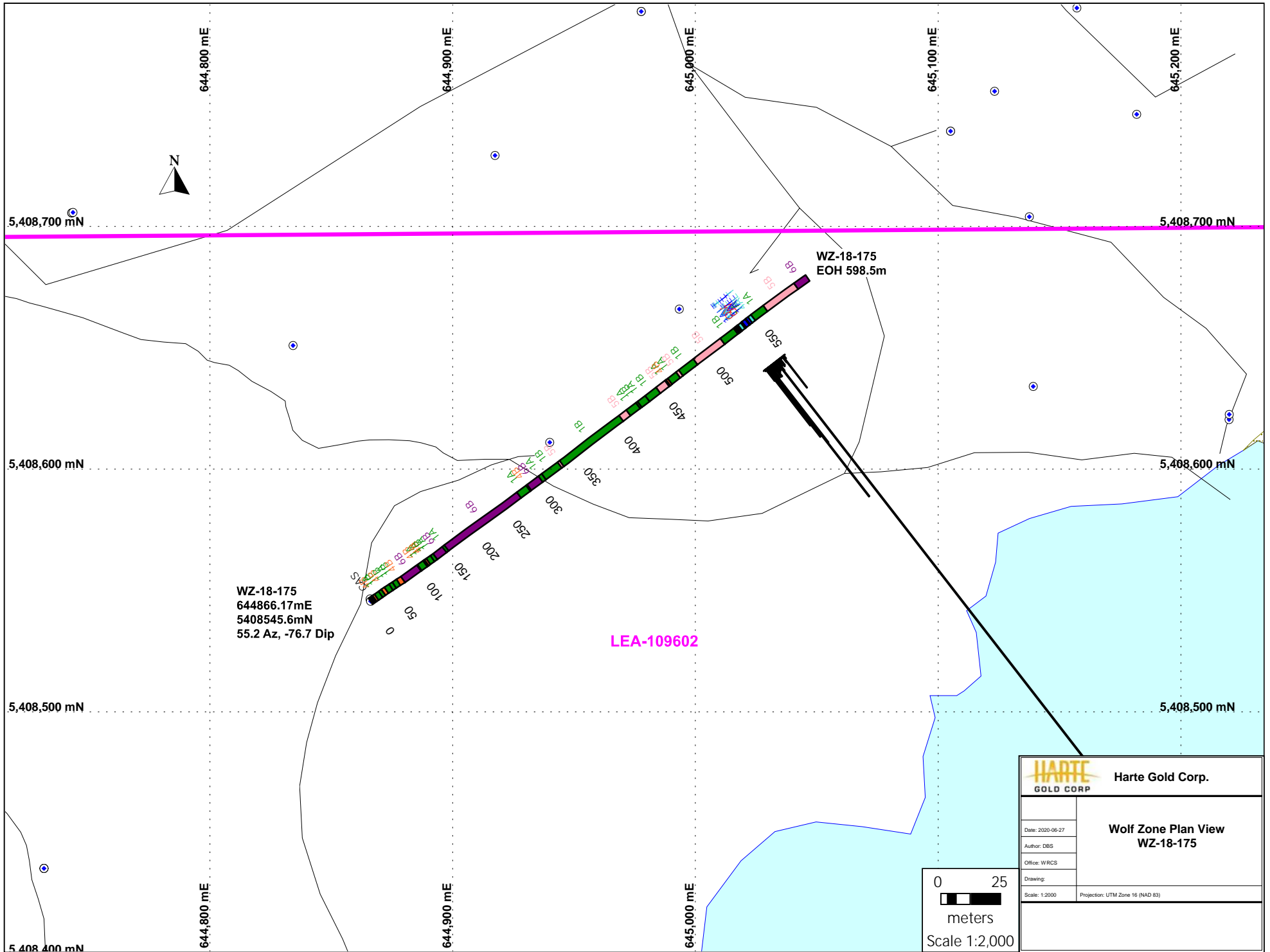
WZ-18-171
 EOH 369m


WZ-18-171W
 EOH 654m

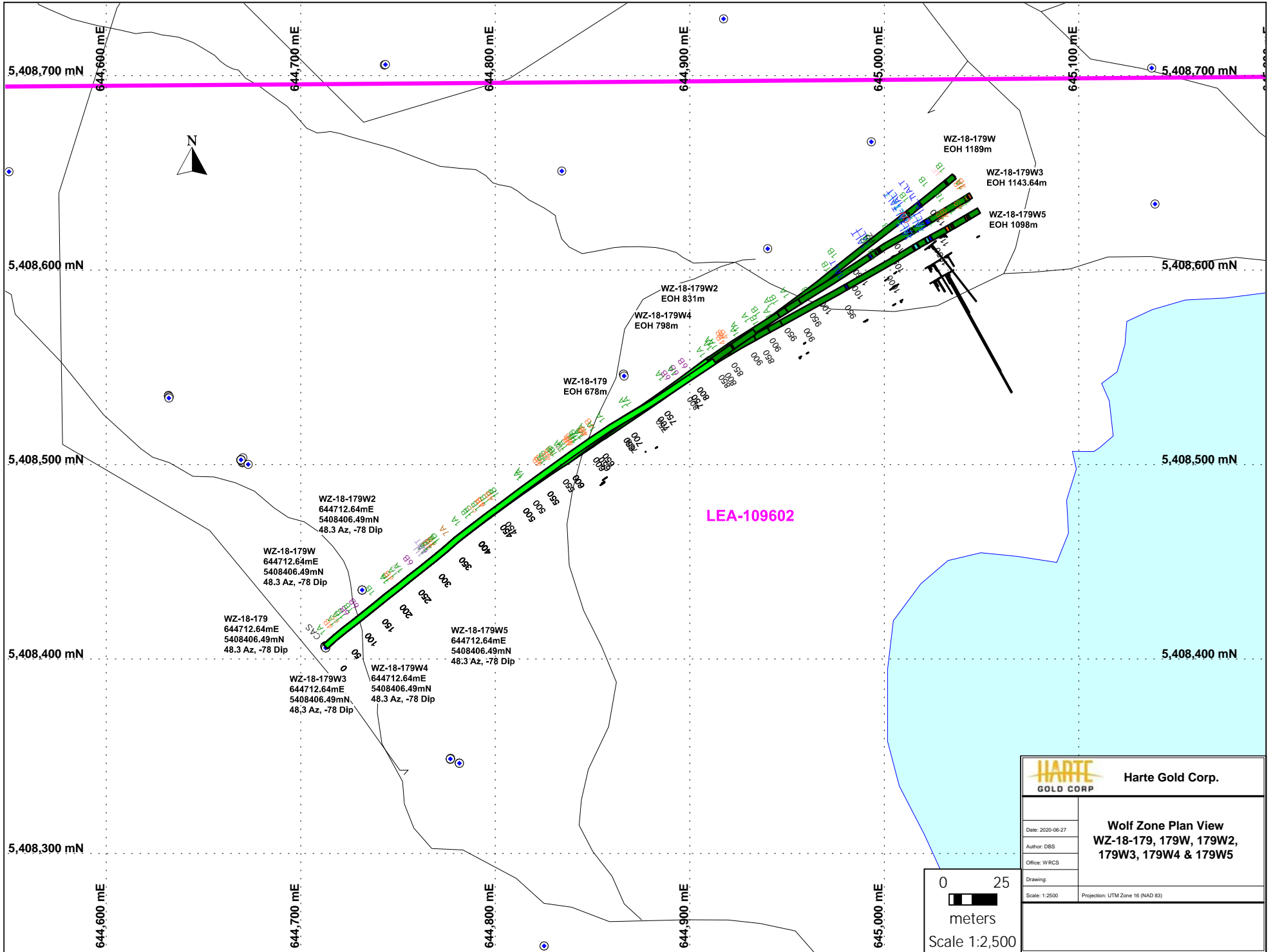
LEA-109602

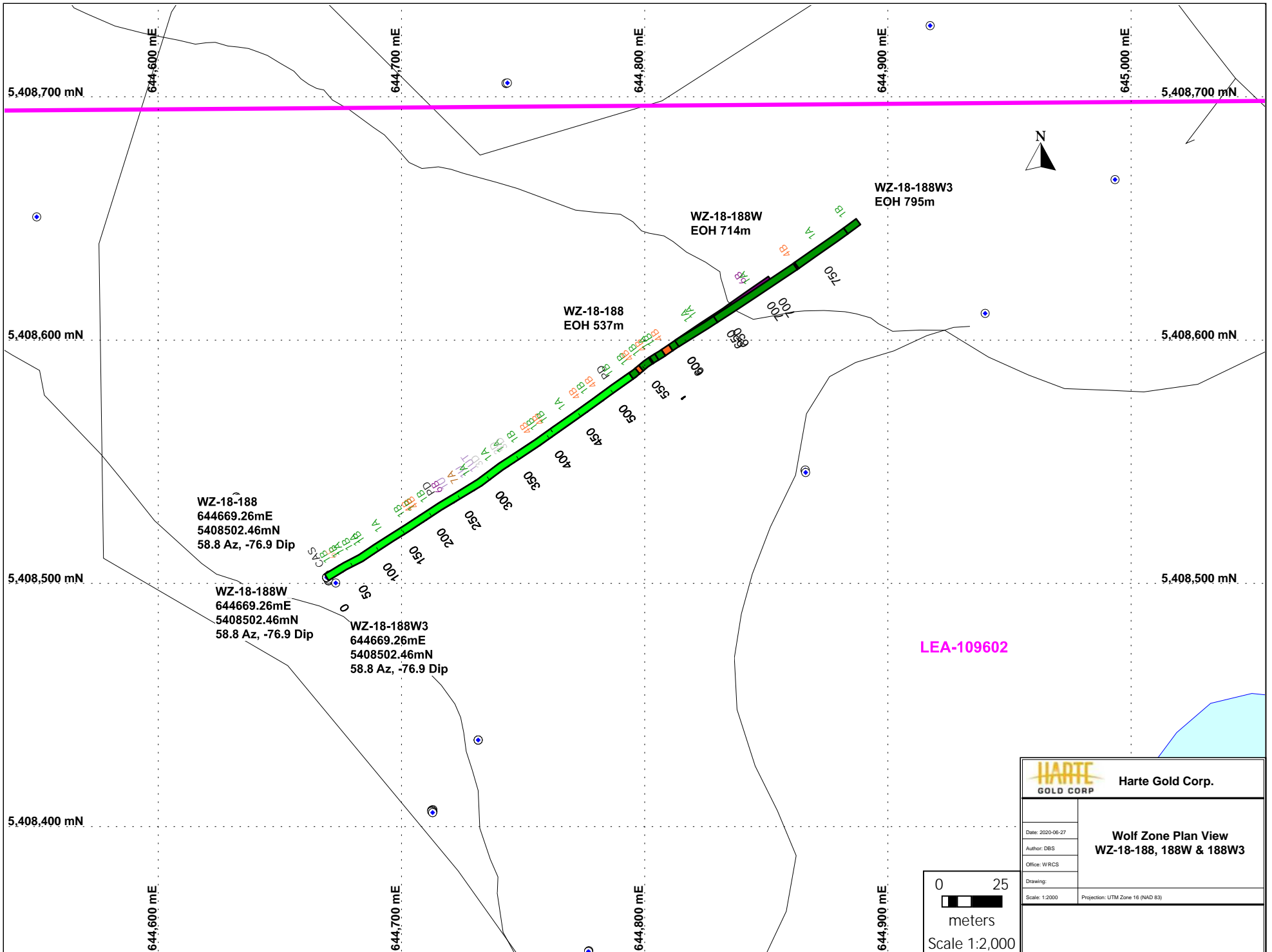
HARTE GOLD CORP		Harte Gold Corp.	
Date: 2020-06-27	Wolf Zone Plan View WZ-18-171 & 171W		
Author: DBS			
Office: WRCS			
Drawing:			
Scale: 1:2500	Projection: UTM Zone 16 (NAD 83)		

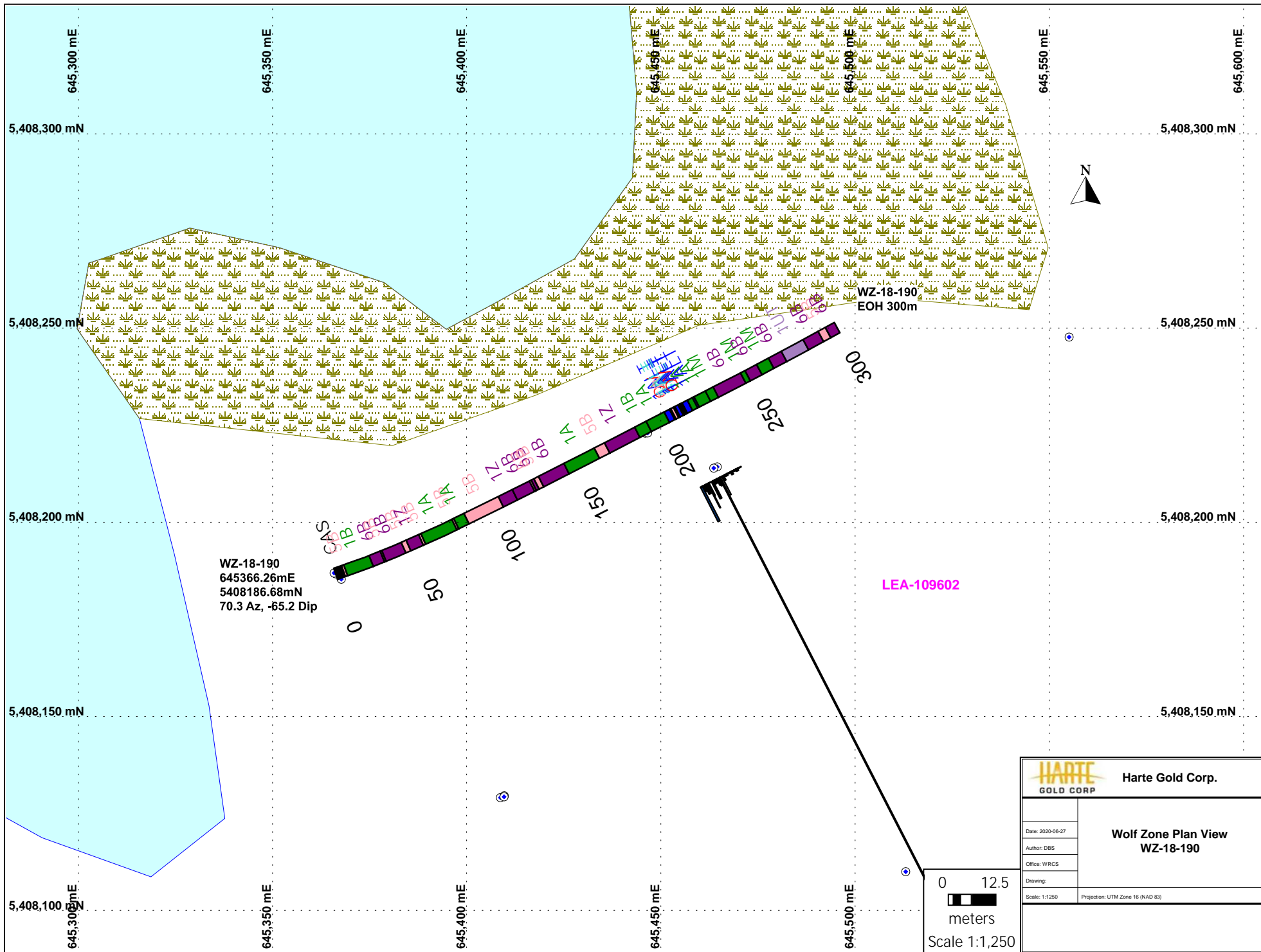
0 25
 meters
 Scale 1:2,500



 Harte Gold Corp.	
Wolf Zone Plan View WZ-18-175	
Date: 2020-09-27	
Author: DBS	
Office: WRCS	
Drawing:	
Scale: 1:2000	Projection: UTM Zone 16 (NAD 83)





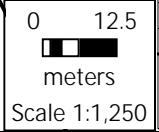


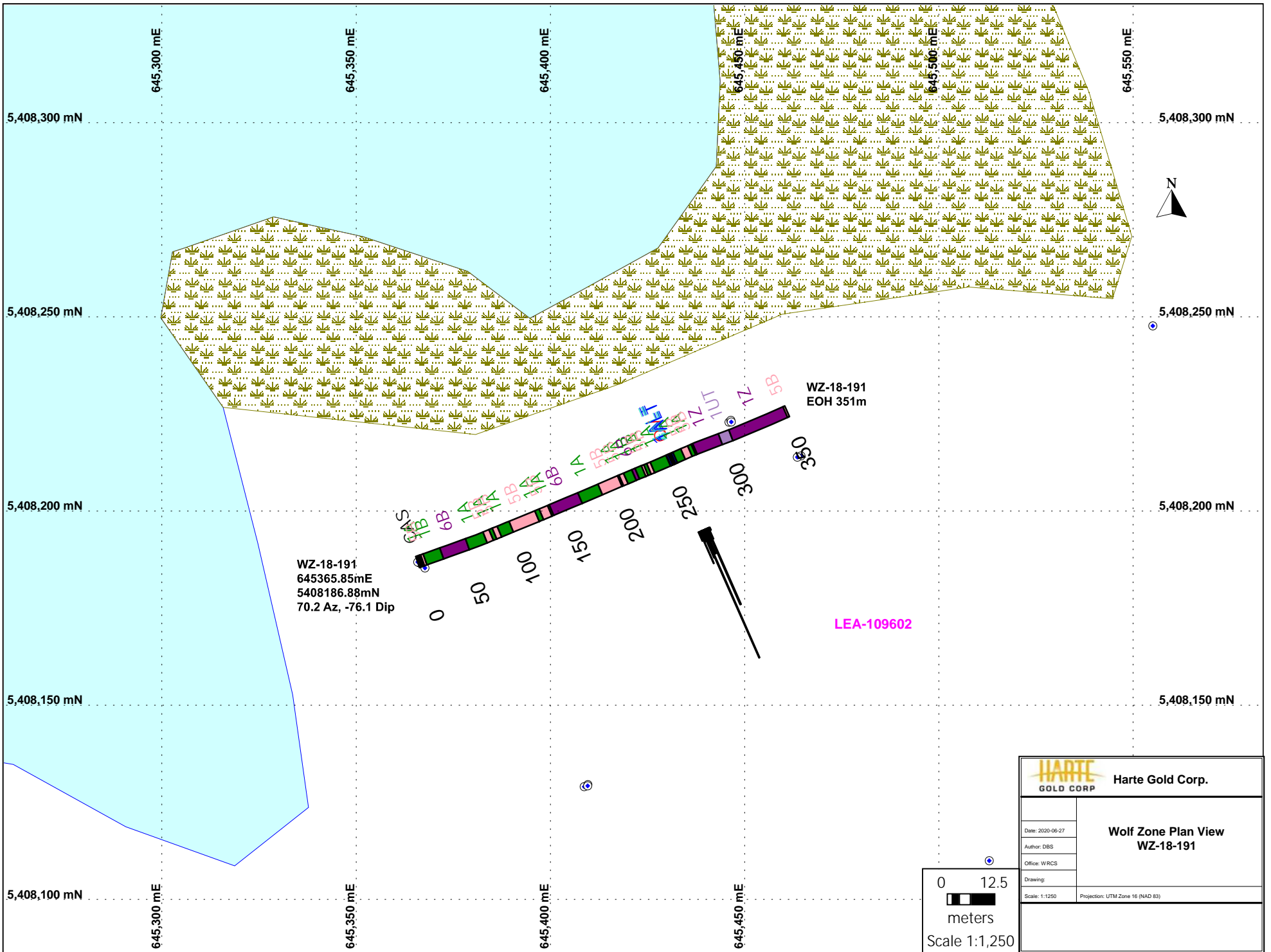
WZ-18-190
 645366.26mE
 5408186.68mN
 70.3 Az, -65.2 Dip

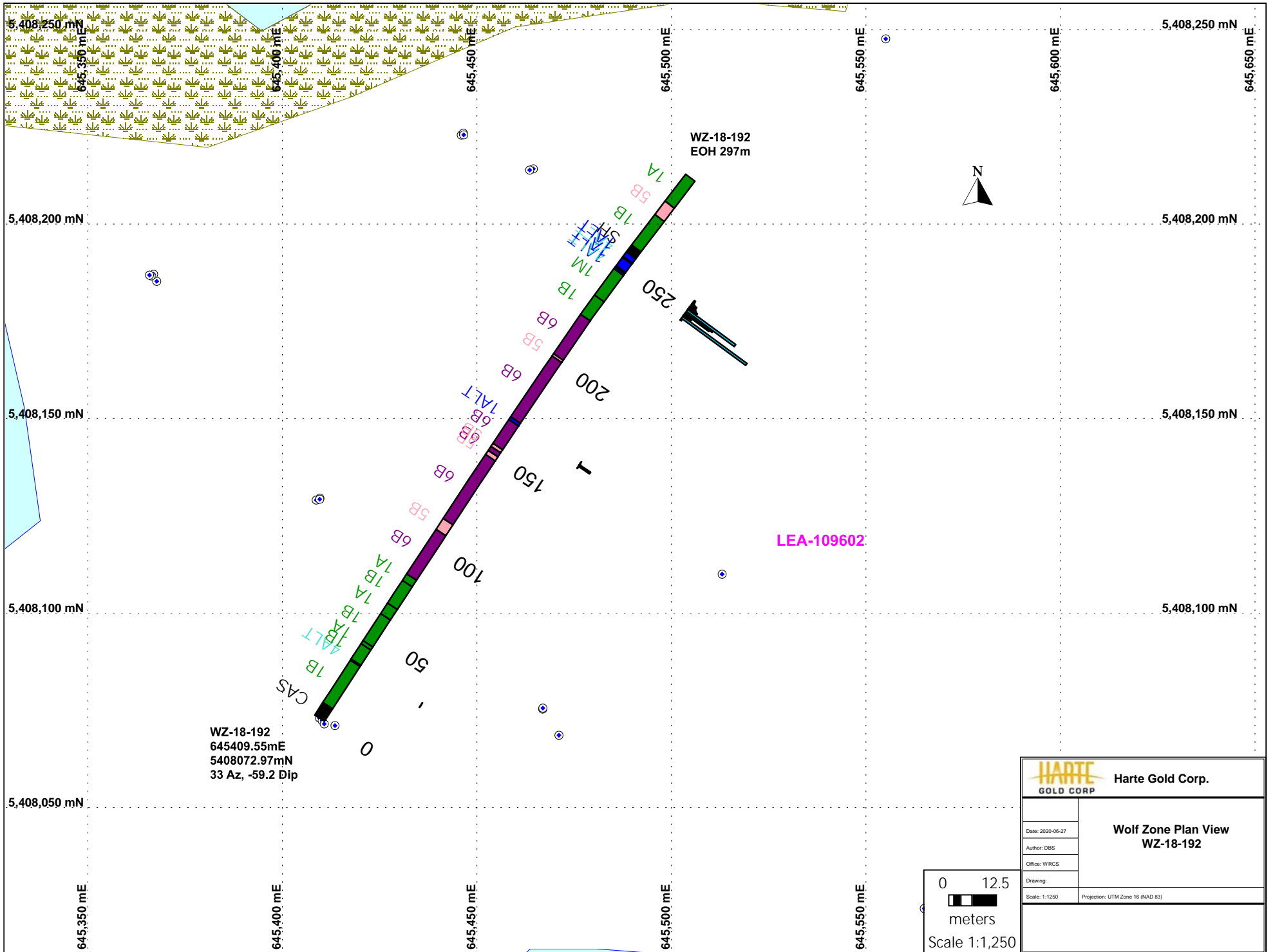
WZ-18-190
 EOH 300m

LEA-109602

 Harte Gold Corp.	
Date: 2020-06-27 Author: DBS Office: WRCS	Wolf Zone Plan View WZ-18-190
Drawing: Scale: 1:1250	Projection: UTM Zone 16 (NAD 83)





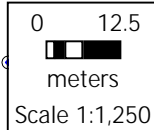


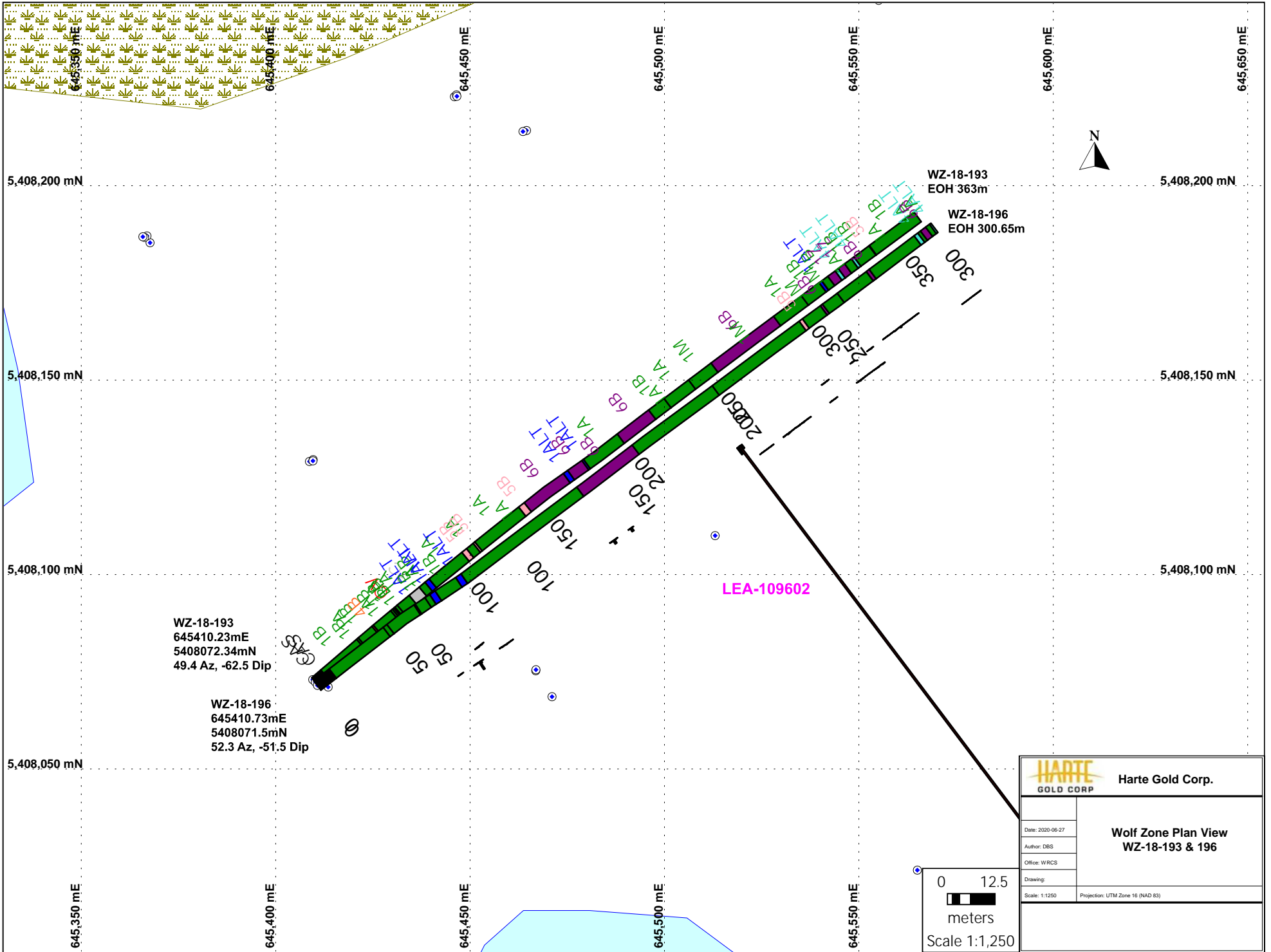
WZ-18-192
 645409.55mE
 5408072.97mN
 33 Az, -59.2 Dip

WZ-18-192
 EOH 297m

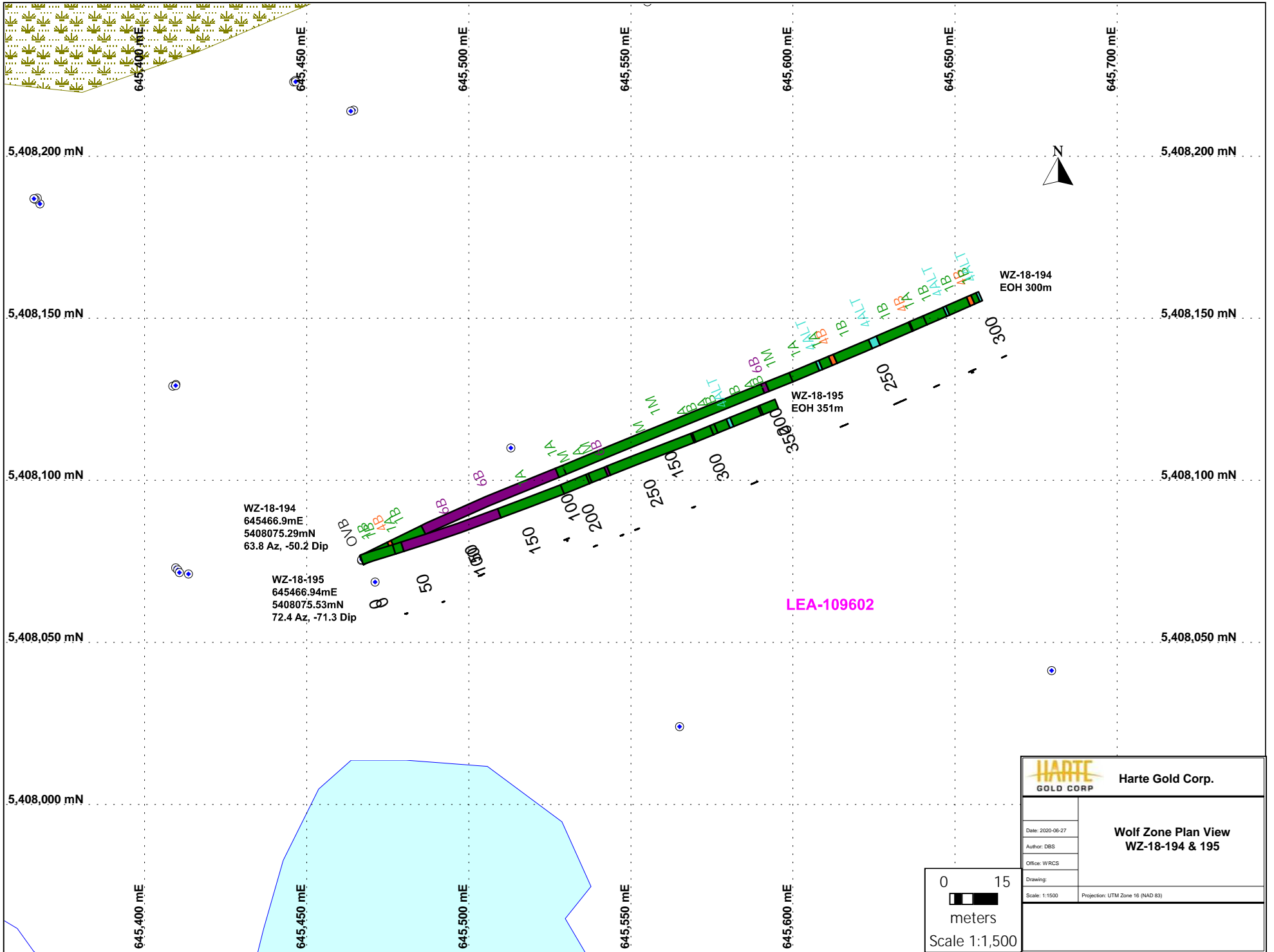
LEA-109602


Harte Gold Corp.	
Wolf Zone Plan View WZ-18-192	
Date: 2020-06-27 Author: DBS Office: WRCS	Drawing: Scale: 1:1250 Projection: UTM Zone 16 (NAD 83)

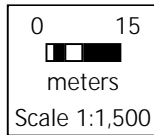


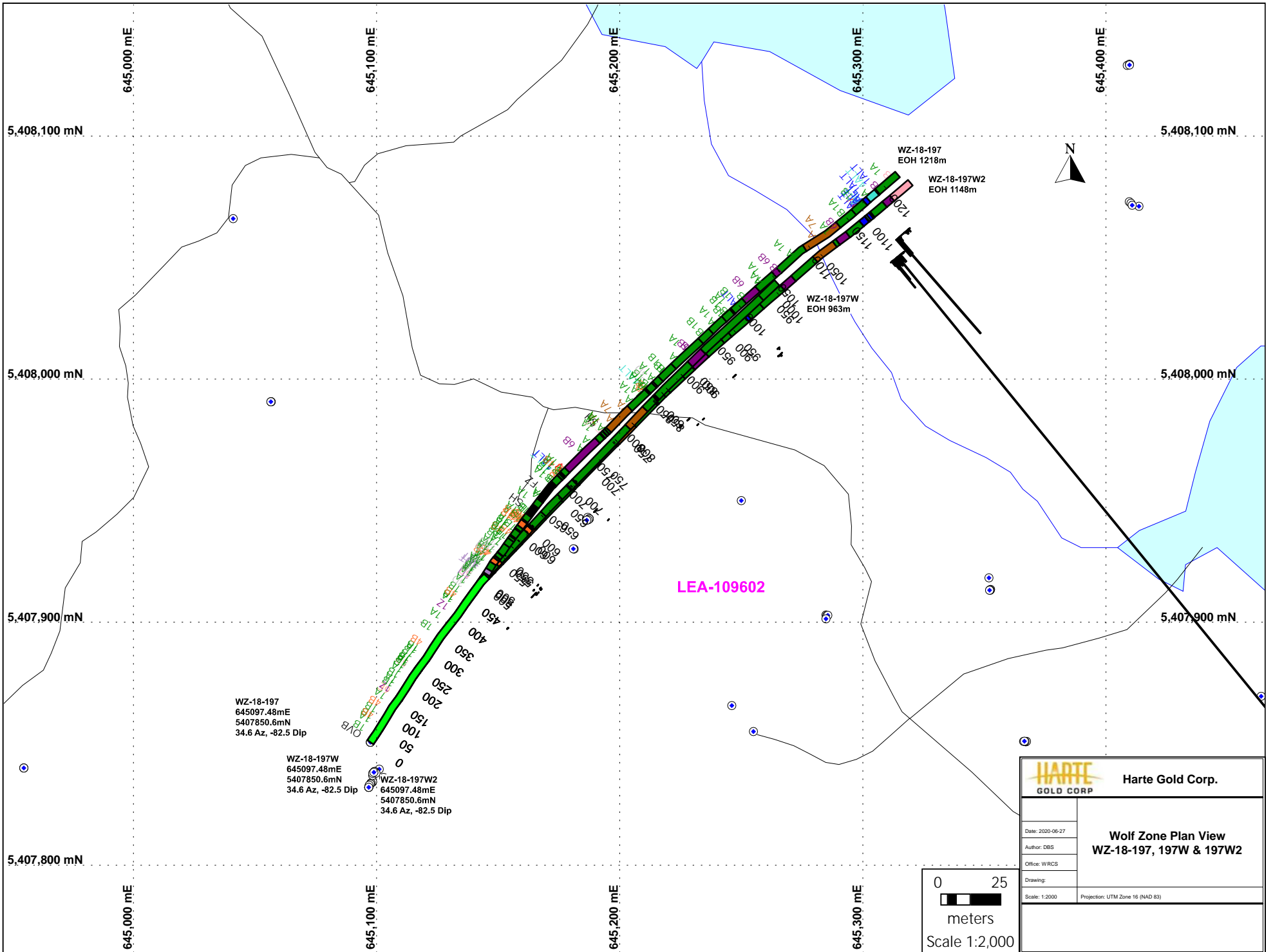


		Harte Gold Corp.	
Date: 2020-06-27 Author: DBS Office: WRCS		Wolf Zone Plan View WZ-18-193 & 196	
Scale: 1:1250 Projection: UTM Zone 16 (NAD 83)			

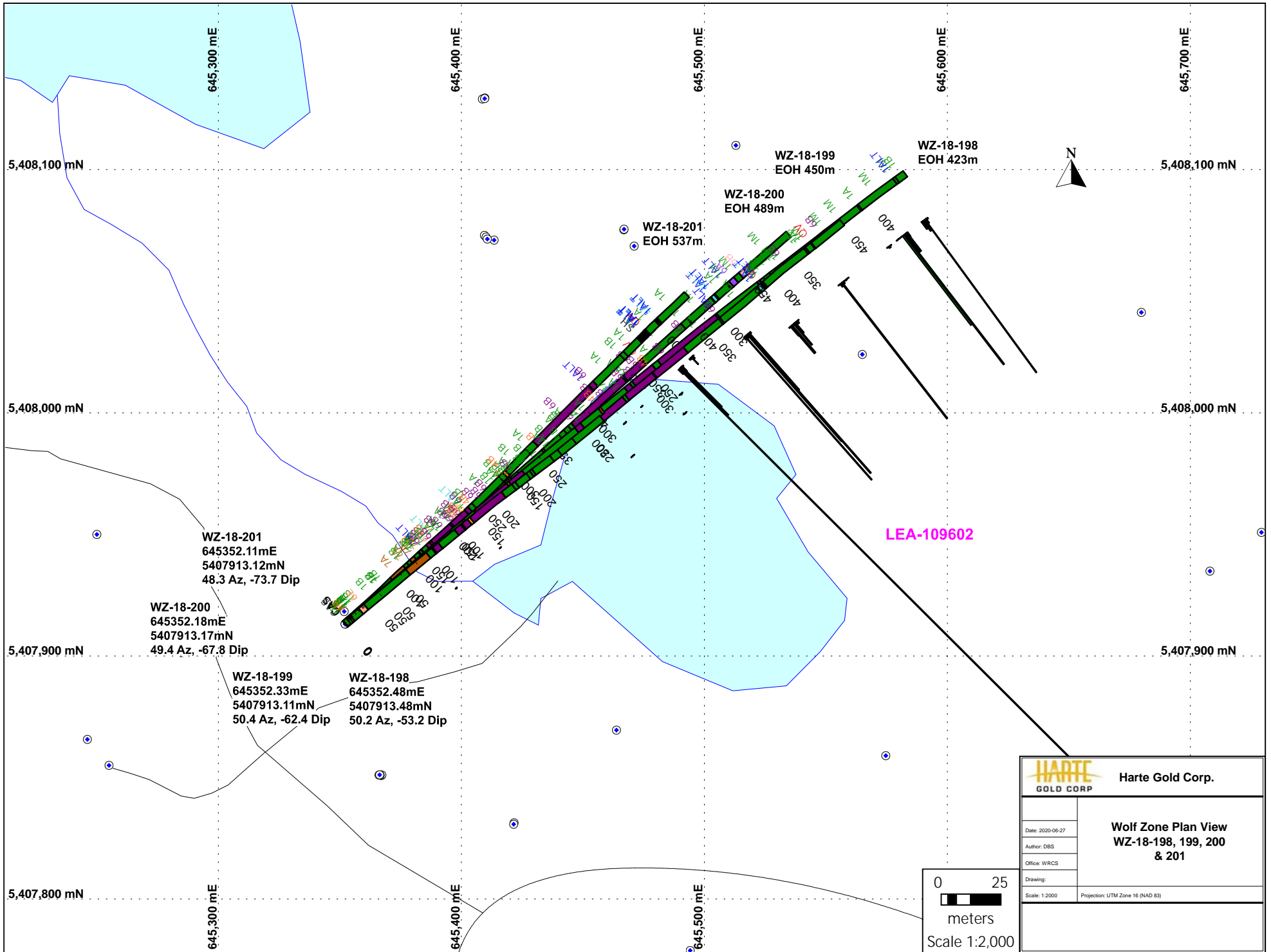



 Harte Gold Corp.	
Date: 2020-06-27 Author: DBS Office: WRCS Drawing:	Wolf Zone Plan View WZ-18-194 & 195
Scale: 1:1500 Projection: UTM Zone 18 (NAD 83)	

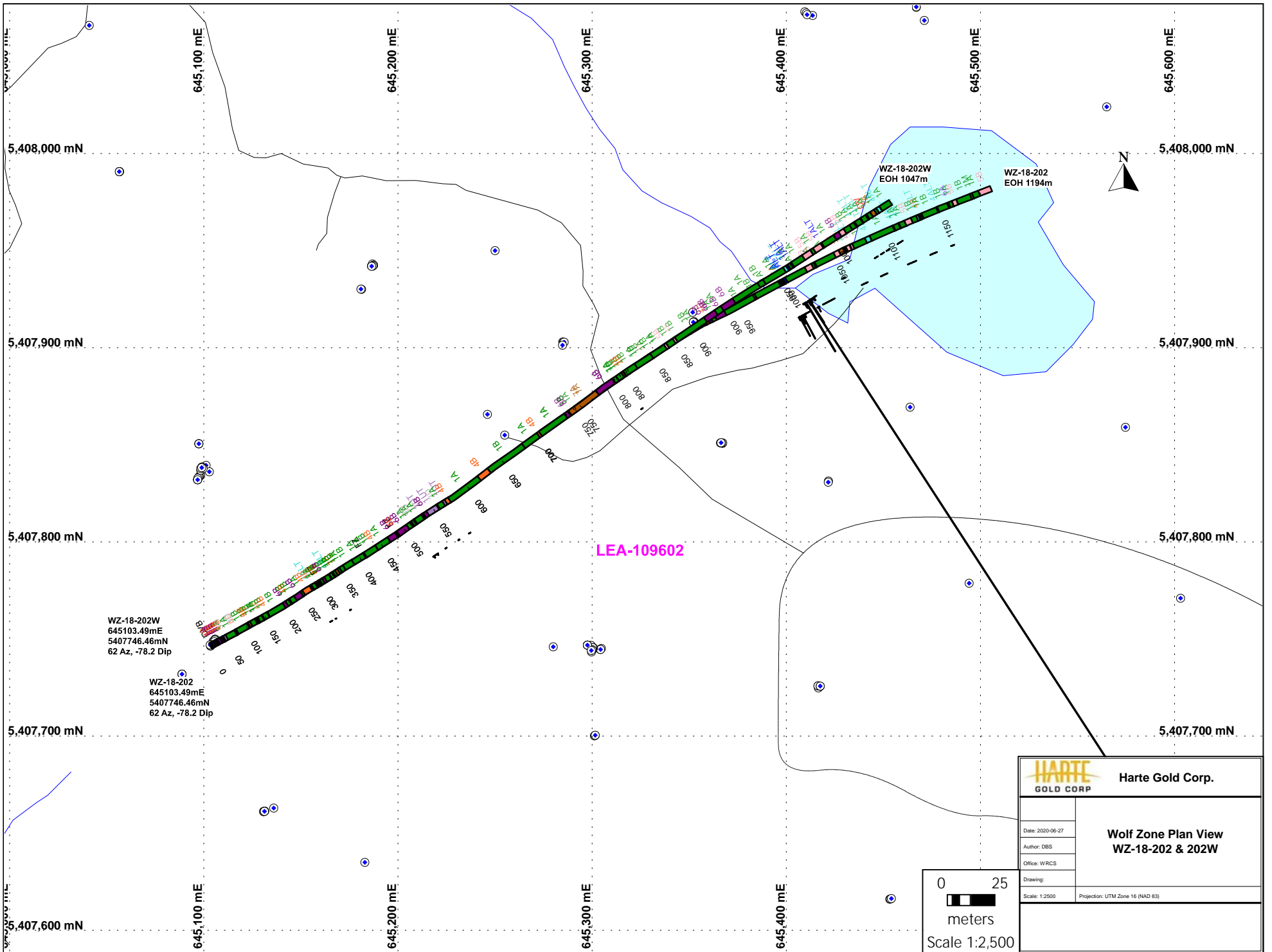




 Harte Gold Corp.	
<p>Date: 2020-06-27</p> <p>Author: DBS</p> <p>Office: WRCS</p> <p>Drawing:</p> <p>Scale: 1:2000 Projection: UTM Zone 16 (NAD 83)</p>	
<p>Wolf Zone Plan View WZ-18-197, 197W & 197W2</p>	

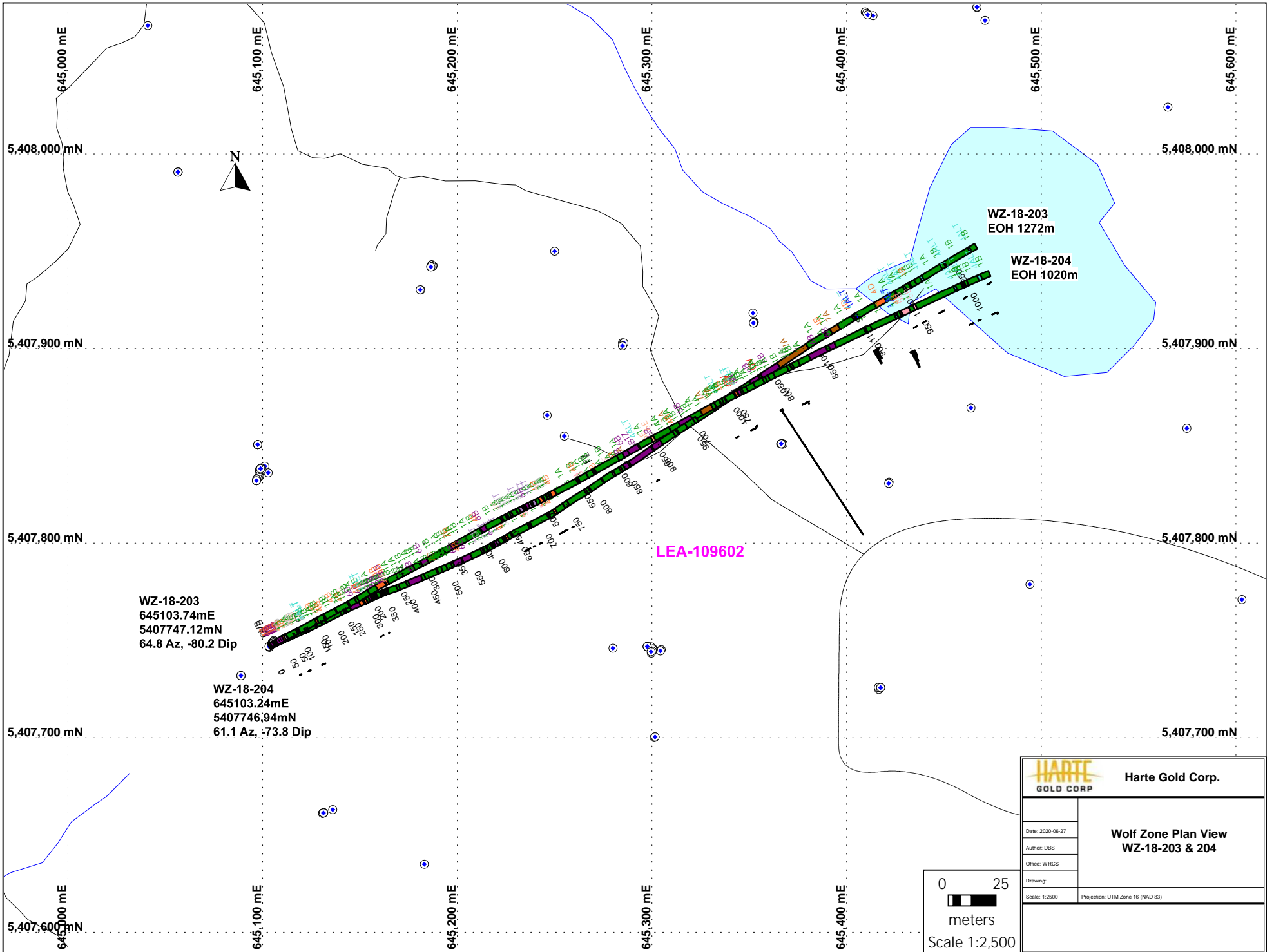


 Harte Gold Corp.	
Date: 2020-06-27 Author: DBS Office: WRCS Drawing: Scale: 1:2000 Projection: UTM Zone 16 (NAD 83)	Wolf Zone Plan View WZ-18-198, 199, 200 & 201



HARTE GOLD CORP		Harte Gold Corp.	
Date: 2020-06-27	Wolf Zone Plan View WZ-18-202 & 202W		
Author: DBS			
Office: WRCS			
Drawing:			
Scale: 1:2500	Projection: UTM Zone 16 (NAD 83)		


0 25
 meters
 Scale 1:2,500



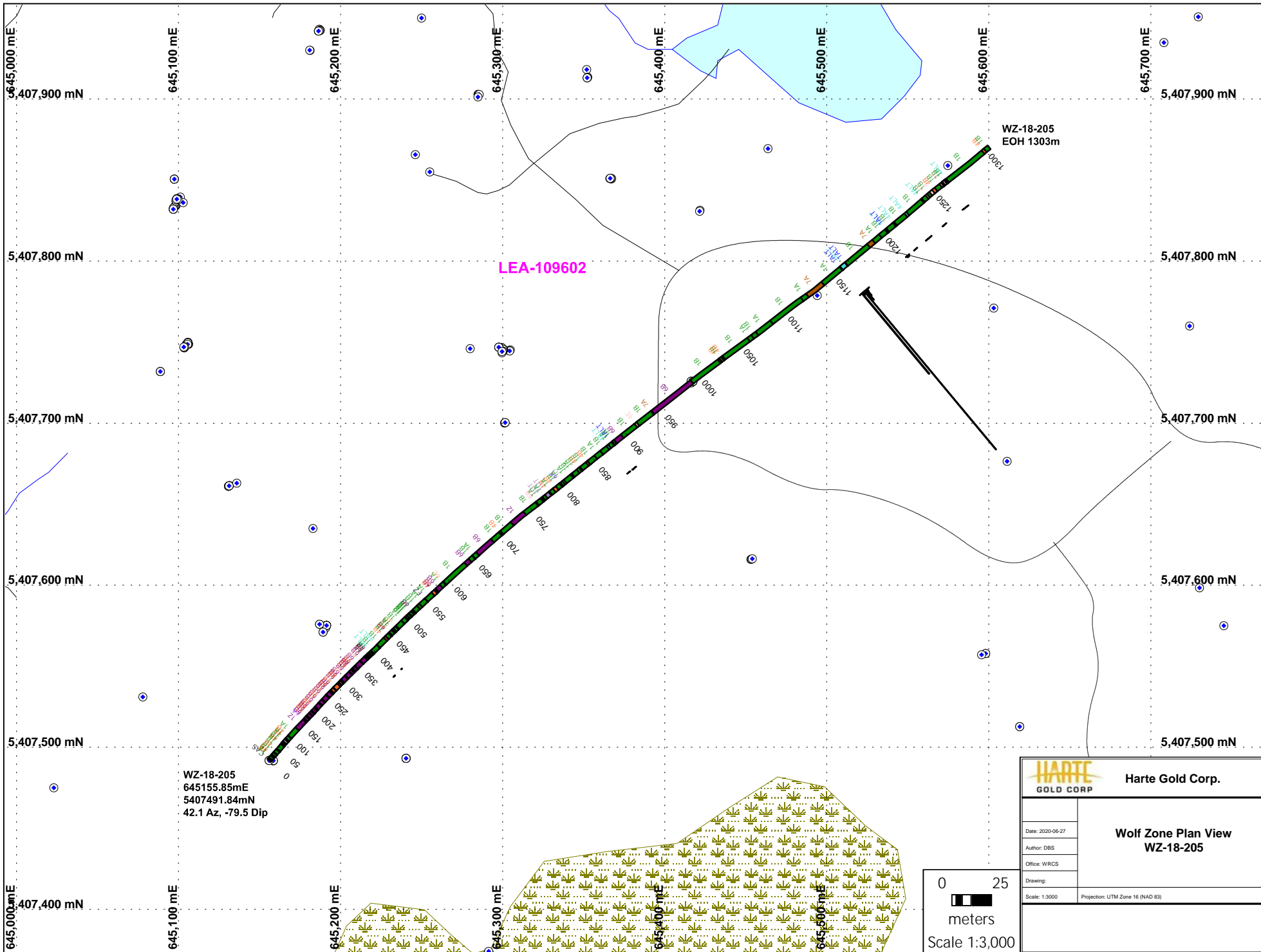
WZ-18-203
 645103.74mE
 5407747.12mN
 64.8 Az, -80.2 Dip

WZ-18-204
 645103.24mE
 5407746.94mN
 61.1 Az, -73.8 Dip

LEA-109602

 Harte Gold Corp.	
Date: 2020-06-27	Wolf Zone Plan View WZ-18-203 & 204
Author: DBS	
Office: WRCS	
Drawing:	
Scale: 1:2500	Projection: UTM Zone 16 (NAD 83)

0 25
 meters
 Scale 1:2,500



645,000 mE 645,100 mE 645,200 mE 645,300 mE 645,400 mE 645,500 mE 645,600 mE 645,700 mE

5,407,900 mN 5,407,800 mN 5,407,700 mN 5,407,600 mN 5,407,500 mN 5,407,400 mN

WZ-18-205
EOH 1303m

LEA-109602

WZ-18-205
645155.85mE
5407491.84mN
42.1 Az, -79.5 Dip

HARTE GOLD CORP. Harte Gold Corp.

Date: 2020-06-27
Author: DBS
Office: WRCS

Wolf Zone Plan View
WZ-18-205

0 25
meters
Scale 1:3,000
Projection: UTM Zone 16 (NAD 83)

Appendix F – Sugar & Wolf Zones – 2018 Actlabs Assay Certificates



Date Submitted: 26-Jun-18
Invoice No.: A18-08264
Invoice Date: 20-Jul-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

55 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 **A18-08264**

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 read "Emmanuel Esemé". The signature is stylized with overlapping loops and is positioned above 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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596573	8								
596574	13								
596575	17								
596576	7								
596577	16								
596578	6								
596579	11								
596580	< 5								
596581	11								
596582	103								
596583	13								
596584	7								
596585	< 5								
596586	94								
596587	< 5								
596588	211								
596589	> 10000	29.1	189	19.6	20.4	21.8	12.67	1167.9	1180.5
596590	6560								
596591	116								
596592	6								
596593	7								
596594	7								
596595	< 5								
596596	6								
596597	10								
596598	6								
596599	< 5								
596600	< 5								
596601	6								
596602	14								
596603	< 5								
596604	< 5								
596605	< 5								
596606	< 5								
596607	6								
596608	< 5								
596609	< 5								
596610	3470								
596611	< 5								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596612	16								
596613	< 5								
596614	5								
596615	29								
596616	< 5								
596617	< 5								
596618	5								
596619	< 5								
596620	< 5								
596621	< 5								
596622	< 5								
596623	< 5								
596624	< 5								
596625	< 5								
596626	< 5								
596627	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 214 Meas	2980			
OREAS 214 Cert	3030			
OREAS 214 Meas	3000			
OREAS 214 Cert	3030			
OREAS 216 (Fire Assay) Meas		6.49		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 218 Meas	518			
OREAS 218 Cert	531			
OREAS 218 Meas	532			
OREAS 218 Cert	531			
OREAS 229 (Fire Assay) Meas		12.0		
OREAS 229 (Fire Assay) Cert		12.1		
596585 Orig	5			
596585 Dup	< 5			
596589 Orig		28.0	21.8	1180.5
596589 Dup		30.2		
596594 Orig	6			
596594 Dup	7			
596603 Orig	< 5			
596603 Dup	< 5			
596608 Orig	< 5			
596608 Dup	< 5			
596620 Orig	< 5			
596620 Dup	< 5			
596622 Orig	< 5			
596622 Split PREP DUP	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank			< 0.03	0.00000
Method Blank		< 0.03		



Date Submitted: 26-Jun-18
Invoice No.: A18-08265
Invoice Date: 20-Jul-18
Your Reference: Sugar Zone-NM

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 **A18-08265**

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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
596549	5
596550	3410
596551	5
596552	5
596553	14
596554	349
596555	19
596556	6
596557	40
596558	2050
596559	146
596560	< 5
596561	240
596562	777
596563	851
596564	1530
596565	264
596566	198
596567	77
596568	161
596569	106
596570	5400
596571	56
596572	39

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 214 Meas	2990
OREAS 214 Cert	3030
OREAS 218 Meas	529
OREAS 218 Cert	531
OREAS 217 (Fire Assay) Meas	333
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3460
OREAS 215 (Fire Assay) Cert	3540
596558 Orig	2210
596558 Dup	1900
596568 Orig	153
596568 Dup	168
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 28-Jun-18
Invoice No.: A18-08349
Invoice Date: 23-Jul-18
Your Reference: Sugar Zone-NM

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 **A18-08349**

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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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Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
596705	< 5
596706	19
596707	5
596708	6
596709	68
596710	6500
596711	11
596712	5
596713	< 5
596714	5
596715	< 5
596716	< 5
596717	< 5
596718	< 5
596719	< 5
596720	< 5
596721	< 5
596722	< 5
596723	< 5
596724	< 5
596725	< 5
596726	< 5
596727	64
596728	< 5
596729	< 5
596730	3430
596731	< 5
596732	< 5
596733	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 214 Meas	2920
OREAS 214 Cert	3030
OREAS 218 Meas	552
OREAS 218 Cert	531
596717 Orig	< 5
596717 Dup	< 5
596726 Orig	< 5
596726 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 09-Jul-18
Invoice No.: A18-08841
Invoice Date: 31-Jul-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

77 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 **A18-08841**

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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", 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
596628	8
596629	6
596630	5460
596631	< 5
596632	6
596633	15
596634	11
596635	7
596636	224
596637	56
596638	11
596639	6
596640	< 5
596641	13
596642	7
596643	15
596644	7
596645	< 5
596646	< 5
596647	< 5
596648	< 5
596649	< 5
596650	3520
596651	< 5
596652	7
596653	< 5
596654	10
596655	< 5
596656	20
596657	12
596658	< 5
596659	< 5
596660	< 5
596661	5
596662	8
596663	11
596664	8
596665	5
596666	15
596667	5
596668	6
596669	6

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
596670	6590
596671	8
596672	5
596673	5
596674	6
596675	< 5
596676	< 5
596677	< 5
596678	20
596679	12
596680	< 5
596681	8
596682	5
596683	< 5
596684	< 5
596685	< 5
596686	6
596687	11
596688	14
596689	6
596690	5440
596691	< 5
596692	12
596693	< 5
596694	< 5
596695	< 5
596696	< 5
596697	< 5
596698	< 5
596699	< 5
596700	< 5
596701	< 5
596702	< 5
596703	< 5
596704	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	337
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	342
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	348
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3480
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3570
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3520
OREAS 215 (Fire Assay) Cert	3540
596640 Orig	< 5
596640 Dup	< 5
596649 Orig	< 5
596649 Dup	< 5
596658 Orig	< 5
596658 Dup	< 5
596675 Orig	< 5
596675 Dup	< 5
596677 Orig	< 5
596677 Split PREP DUP	< 5
596684 Orig	< 5
596684 Dup	< 5
596692 Orig	12
596692 Dup	12
596701 Orig	< 5
596701 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

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



Date Submitted: 13-Jul-18
Invoice No.: A18-09161
Invoice Date: 07-Aug-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

59 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 **A18-09161**

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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.
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	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
597163	6	
597164	13	
597165	6	
597166	< 5	
597167	31	
597168	< 5	
597169	25	
597170	6450	
597171	< 5	
597172	5	
597173	10	
597174	< 5	
597175	< 5	
597176	< 5	
597177	< 5	
597178	< 5	
597179	5	
597180	< 5	
597181	< 5	
597182	< 5	
597183	< 5	
597184	< 5	
597185	< 5	
597186	< 5	
597187	< 5	
597188	< 5	
597189	9	
597190	5590	
597191	< 5	
597192	< 5	
597193	< 5	
597194	< 5	
597195	< 5	
597196	< 5	
597197	899	
597198	216	
597199	5510	5.18
597200	< 5	
597201	870	
597202	214	
597203	74	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
597204	11	
597205	5	
597206	< 5	
597207	< 5	
597208	6	
597209	9	
597210	6650	
597211	9	
597212	13	
597213	63	
597214	142	
597215	72	
597216	75	
597217	69	
597218	133	
597219	19	
597220	< 5	
597221	15	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OREAS 216 (Fire Assay) Meas		6.62
OREAS 216 (Fire Assay) Cert		6.66
OREAS 229 (Fire Assay) Meas		12.2
OREAS 229 (Fire Assay) Cert		12.1
OREAS 217 (Fire Assay) Meas	329	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	348	
OREAS 217 (Fire Assay) Cert	338	
OREAS 215 (Fire Assay) Meas	3480	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3570	
OREAS 215 (Fire Assay) Cert	3540	
597171 Orig	5	
597171 Dup	< 5	
597186 Orig	< 5	
597186 Dup	< 5	
597196 Orig	< 5	
597196 Dup	< 5	
597199 Orig		5.03
597199 Dup		5.33
597209 Orig	8	
597209 Dup	9	
597212 Orig	13	
597212 Split PREP DUP	17	
597220 Orig	< 5	
597220 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
Method Blank	< 5	



Date Submitted: 19-Jul-18
Invoice No.: A18-09371
Invoice Date: 07-Aug-18
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

37 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 **A18-09371**

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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", written over a horizontal line.

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
386868	< 5
386869	< 5
386870	6520
386871	6
386872	6
386873	< 5
386874	< 5
386875	< 5
386876	5
386877	12
386878	10
386879	71
386880	< 5
386881	< 5
386882	< 5
387344	20
387345	9
387346	578
387347	111
387348	158
387349	< 5
387350	5430
387216	< 5
387217	< 5
387218	79
387219	636
387220	< 5
387221	34
387222	13
387223	9
387224	< 5
387225	9
387339	9
387340	< 5
387341	16
387342	< 5
387343	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	330
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	336
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3510
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3560
OREAS 215 (Fire Assay) Cert	3540
386877 Orig	11
386877 Dup	12
387348 Orig	164
387348 Dup	152
387223 Orig	9
387223 Dup	8
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 19-Jul-18
Invoice No.: A18-09450
Invoice Date: 10-Aug-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

33 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 **A18-09450**

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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.
Quality Control

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

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596785	996								
596786	36								
596787	161								
596788	264								
596789	160								
596790	3500								
596791	702								
596792	355								
596793	5								
596794	6								
596795	498								
596796	101								
596797	97								
596798	36								
596799	182								
596800	< 5								
596801	20								
596802	213								
596803	> 10000	84.1	34.5	32.1	36.9	58.8	23.35	459.37	482.72
596804	523								
596805	131								
596806	36								
596807	35								
596808	45								
596809	18								
596810	5530								
596811	14								
596812	83								
596813	14								
596814	31								
596815	57								
596816	14								
596817	10								

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.69							
OREAS 216 (Fire Assay) Cert		6.66							
OREAS 229 (Fire Assay) Meas		11.8							
OREAS 229 (Fire Assay) Cert		12.1							
OREAS 217 (Fire Assay) Meas	332								
OREAS 217 (Fire Assay) Cert	338								
OREAS 215 (Fire Assay) Meas	3550								
OREAS 215 (Fire Assay) Cert	3540								
596797 Orig	111								
596797 Dup	83								
596803 Orig		85.0	34.5	32.1	36.9	58.8	23.35	459.37	482.72
596803 Dup		83.3							
596806 Orig	36								
596806 Dup	36								
596815 Orig	57								
596815 Dup	57								
Method Blank	< 5								
Method Blank	< 5								
Method Blank		< 0.03							
Method Blank			< 0.03			< 0.03			0.00000



Date Submitted: 20-Jul-18
Invoice No.: A18-09453
Invoice Date: 09-Aug-18
Your Reference: Sugar Zone-NM

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C1B5

ATTN: Vice President Tim Campbell

CERTIFICATE OF ANALYSIS

12 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 **A18-09453**

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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 stylized with loops and 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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596833	< 5								
596834	36								
596835	6								
596836	116								
596837	8220	7.86							
596838	138								
596839	99								
596840	< 5								
596841	6100	5.85							
596842	> 10000	15.8	7.55	9.28	5.81	7.63	21.89	521.70	543.59
596843	3310	3.12							
596844	67								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.69		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 229 (Fire Assay) Meas		12.2		
OREAS 229 (Fire Assay) Cert		12.1		
OREAS 217 (Fire Assay) Meas	330			
OREAS 217 (Fire Assay) Cert	338			
OREAS 217 (Fire Assay) Meas	336			
OREAS 217 (Fire Assay) Cert	338			
OREAS 215 (Fire Assay) Meas	3510			
OREAS 215 (Fire Assay) Cert	3540			
OREAS 215 (Fire Assay) Meas	3560			
OREAS 215 (Fire Assay) Cert	3540			
596837 Orig		7.98		
596837 Dup		7.75		
596840 Orig	< 5			
596840 Dup	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 23-Jul-18
Invoice No.: A18-09537
Invoice Date: 27-Jul-18
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

30 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 **A18-09537**

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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.
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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
386883	< 5								
386884	62								
386885	610								
386886	2960								
386887	3330	3.58							
386888	692								
386889	6140	6.75							
386890	5360								
386891	3480	3.96							
386892	635								
386893	332								
386894	646								
386895	468								
386896	125								
386897	426								
386898	96								
386899	> 10000	36.6	1290	42.9	38.8	63.9	18.57	983.11	1001.7
386900	< 5								
386901	519								
386902	323								
386903	187								
386904	385								
386905	347								
386906	60								
386907	47								
386908	304								
386909	1640								
386910	3300								
386911	159								
386912	16								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.52		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 229 (Fire Assay) Meas		11.9		
OREAS 229 (Fire Assay) Cert		12.1		
OREAS 215 (Fire Assay) Meas	3470			
OREAS 215 (Fire Assay) Cert	3540			
386895 Orig	434			
386895 Dup	501			
386899 Orig		33.9	63.9	1001.7
386899 Dup		39.4		
386906 Orig	68			
386906 Dup	51			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 27-Jul-18
Invoice No.: A18-09981
Invoice Date: 31-Aug-18
Your Reference: Sugar Zone-NM

**Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C1B5**

ATTN: Vice President Tim Campbell

CERTIFICATE OF ANALYSIS

92 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 **A18-09981**

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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 stylized with loops and is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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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
600469	10
600470	6530
600471	< 5
600472	< 5
600473	20
600474	458
600475	13
600476	26
600477	8
600478	27
600479	< 5
600480	< 5
600481	< 5
600482	< 5
600483	6
600484	6
600485	< 5
600486	< 5
600487	< 5
600488	< 5
600489	< 5
600490	5320
600491	5
600492	< 5
600493	< 5
600494	< 5
600495	< 5
600496	< 5
600497	< 5
600498	< 5
600499	< 5
600500	< 5
597851	< 5
597852	< 5
597853	< 5
597854	< 5
597855	6
597856	7
597857	74
597858	1320
597859	375
597860	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
597861	2790
597862	61
597863	38
597864	24
597865	20
597866	< 5
597867	< 5
597868	8
597869	7
597870	3410
597871	< 5
597872	< 5
597873	32
597874	5
597875	< 5
597876	6
597877	< 5
597878	66
597886	30
597887	11
597888	< 5
597889	< 5
597890	6320
597891	< 5
597892	< 5
597893	< 5
597894	< 5
597895	< 5
597896	< 5
597897	6
597898	16
597899	590
597900	< 5
597901	34
597902	27
597903	6
597904	< 5
597905	< 5
597906	8
597907	5
597908	12
597909	30

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
597910	3440
597911	582
597912	27
597913	9
597914	< 5
597915	2390
597916	2270
597917	37

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	336
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	324
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	322
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	321
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3380
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3480
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3400
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3400
OREAS 215 (Fire Assay) Cert	3540
600473 Orig	21
600473 Dup	18
600478 Orig	29
600478 Dup	25
600488 Orig	< 5
600488 Dup	< 5
600498 Orig	< 5
600498 Dup	< 5
597863 Orig	42
597863 Dup	33
597868 Orig	8
597868 Split PREP DUP	7
597872 Orig	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
597872 Dup	5
597889 Orig	< 5
597889 Dup	< 5
597902 Orig	28
597902 Dup	25
597905 Orig	< 5
597905 Dup	< 5
597914 Orig	5
597914 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



Date Submitted: 30-Jul-18
Invoice No.: A18-10046
Invoice Date: 27-Aug-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

31 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 **A18-10046**

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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.
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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
596734	5
596735	20
596736	12
596737	< 5
596738	11
596739	6
596740	< 5
596741	8
596742	6
596743	6
596744	7
596745	< 5
596746	< 5
596747	17
596748	< 5
596749	5
596750	5360
596751	7
596752	10
596753	< 5
596754	6
596755	15
596756	< 5
596757	< 5
596758	< 5
596759	< 5
596760	< 5
596761	6
596762	< 5
596763	< 5
596764	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	321
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3440
OREAS 215 (Fire Assay) Cert	3540
596743 Orig	6
596743 Dup	6
596753 Orig	< 5
596753 Dup	< 5
596763 Orig	< 5
596763 Dup	5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 30-Jul-18
Invoice No.: A18-10049
Invoice Date: 30-Aug-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

30 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 **A18-10049**

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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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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	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
596845	14	
596846	< 5	
596847	7	
596848	< 5	
596849	24	
596850	5390	
596851	15	
596852	29	
596853	< 5	
596854	< 5	
596855	< 5	
596856	73	
596857	8	
596858	5	
596859	< 5	
596860	< 5	
596861	< 5	
596862	< 5	
596863	4970	4.62
596864	6760	6.72
596865	941	
596866	951	
596867	212	
596868	366	
596869	512	
596870	3500	
596871	250	
596872	7390	7.78
596873	214	
596874	44	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OREAS 216 (Fire Assay) Meas		6.50
OREAS 216 (Fire Assay) Cert		6.66
OREAS 229 (Fire Assay) Meas		12.0
OREAS 229 (Fire Assay) Cert		12.1
OREAS 217 (Fire Assay) Meas	325	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	322	
OREAS 217 (Fire Assay) Cert	338	
OREAS 215 (Fire Assay) Meas	3430	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3390	
OREAS 215 (Fire Assay) Cert	3540	
596852 Orig	37	
596852 Dup	21	
596861 Orig	< 5	
596861 Dup	< 5	
596872 Orig		7.76
596872 Dup		7.80
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03



Date Submitted: 30-Jul-18
Invoice No.: A18-10050
Invoice Date: 03-Sep-18
Your Reference:

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 **A18-10050**

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Notes:

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

Note: Client sample 596820 is INS

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.
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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	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
596818	246	
596819	895	
596820		
596821	225	
596822	299	
596823	767	
596824	3650	3.59
596825	205	
596826	683	
596827	161	
596828	346	
596829	2140	
596830	6530	
596831	311	
596832	81	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OREAS 216 (Fire Assay) Meas		6.60
OREAS 216 (Fire Assay) Cert		6.66
OREAS 217 (Fire Assay) Meas	337	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	325	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	326	
OREAS 217 (Fire Assay) Cert	338	
OREAS 215 (Fire Assay) Meas	3400	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3430	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3470	
OREAS 215 (Fire Assay) Cert	3540	
596819 Orig	895	
596831 Orig	280	
596831 Dup	342	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03



Date Submitted: 08-Aug-18
Invoice No.: A18-10527
Invoice Date: 03-Sep-18
Your Reference: Sugar Zone-NM

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C1B5

ATTN: Vice President Tim Campbell

CERTIFICATE OF ANALYSIS

22 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 **A18-10527**

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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 with overlapping loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
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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	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
596907	12	
596908	15	
596909	6	
596910	5410	
596911	5	
596912	< 5	
596913	20	
596914	< 5	
596915	23	
596916	504	
596917	1480	
596918	56	
596919	1140	
596920	< 5	
596921	559	
596922	538	
596923	57	
596924	117	
596925	19	
596926	75	
596927	6220	6.99
596928	20	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OREAS 216 (Fire Assay) Meas		6.60
OREAS 216 (Fire Assay) Cert		6.66
OREAS 217 (Fire Assay) Meas	337	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	323	
OREAS 217 (Fire Assay) Cert	338	
OREAS 215 (Fire Assay) Meas	3400	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3570	
OREAS 215 (Fire Assay) Cert	3540	
596928 Orig	24	
596928 Dup	16	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03



Date Submitted: 08-Aug-18
Invoice No.: A18-10529
Invoice Date: 30-Aug-18
Your Reference: Exploration/Prospecting

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C1B5

ATTN: Vice President Tim Campbell

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 **A18-10529**

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Notes:

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

CERTIFIED BY:

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
386913	< 5
386914	< 5
386915	< 5
386916	< 5
386917	< 5
386918	< 5
386919	< 5
386920	< 5
386921	< 5
386922	< 5
386923	< 5
386924	12
386925	5
386963	< 5
386964	< 5
386965	5
386966	< 5
386967	< 5
386968	< 5
386969	5
386970	5460
386971	< 5
386972	< 5
386973	73
386974	362
386975	46
386976	19
386977	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	325
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3500
OREAS 215 (Fire Assay) Cert	3540
386922 Orig	< 5
386922 Dup	< 5
386969 Orig	5
386969 Dup	5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 08-Aug-18
Invoice No.: A18-10561
Invoice Date: 03-Sep-18
Your Reference: Sugar Zone-NM

Harte Gold Corp.
8 King Street East
Suite 1700
Toronto Ontario M5C1B5

ATTN: Vice President Tim Campbell

CERTIFICATE OF ANALYSIS

33 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 **A18-10561**

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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 stylized with loops and 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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596875	5								
596876	29								
596877	< 5								
596878	< 5								
596879	< 5								
596880	< 5								
596881	< 5								
596882	5								
596883	< 5								
596884	20								
596885	< 5								
596886	< 5								
596887	< 5								
596888	< 5								
596889	254								
596890	6750								
596891	> 10000	40.9	120	31.7	32.4	34.5	16.04	550.47	566.51
596892	1360								
596893	2760								
596894	616								
596895	2330								
596896	305								
596897	271								
596898	28								
596899	48								
596900	< 5								
596901	40								
596902	81								
596903	400								
596904	35								
596905	120								
596906	10								
600085	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.60		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 217 (Fire Assay) Meas	332			
OREAS 217 (Fire Assay) Cert	338			
OREAS 215 (Fire Assay) Meas	3580			
OREAS 215 (Fire Assay) Cert	3540			
596884 Orig	21			
596884 Dup	19			
596894 Orig	597			
596894 Dup	635			
596904 Orig	31			
596904 Dup	38			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 09-Aug-18
Invoice No.: A18-10651
Invoice Date: 13-Aug-18
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

37 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 **A18-10651**

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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.
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	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
386926	5	
386927	12	
386928	6	
386929	< 5	
386930	6520	
386931	6	
386932	< 5	
386933	< 5	
386934	< 5	
386935	< 5	
386936	< 5	
386937	< 5	
386938	5	
386939	19	
386940	5	
386941	73	
386942	35	
386943	19	
386944	267	
386945	658	
386946	3630	3.71
386947	5	
386948	< 5	
386949	< 5	
386950	5470	
783001	< 5	
783002	< 5	
783003	< 5	
783004	< 5	
783005	< 5	
783006	101	
783007	15	
783008	183	
783009	< 5	
783010	5380	
783011	< 5	
783012	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OREAS 216 (Fire Assay) Meas		6.50
OREAS 216 (Fire Assay) Cert		6.66
OREAS 229 (Fire Assay) Meas		11.9
OREAS 229 (Fire Assay) Cert		12.1
OREAS 217 (Fire Assay) Meas	340	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	329	
OREAS 217 (Fire Assay) Cert	338	
OREAS 215 (Fire Assay) Meas	3530	
OREAS 215 (Fire Assay) Cert	3540	
OREAS 215 (Fire Assay) Meas	3510	
OREAS 215 (Fire Assay) Cert	3540	
386939 Orig	18	
386939 Dup	20	
386946 Orig		3.66
386946 Dup		3.76
386948 Orig	< 5	
386948 Dup	< 5	
783001 Orig	< 5	
783001 Dup	< 5	
783011 Orig	< 5	
783011 Dup	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03



Date Submitted: 13-Aug-18
Invoice No.: A18-10789
Invoice Date: 19-Sep-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

62 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 **A18-10789**

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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.
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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
597316	< 5
597317	< 5
597318	< 5
597319	< 5
597320	< 5
597321	< 5
597322	< 5
597323	< 5
597324	19
597325	< 5
597326	< 5
597327	< 5
597328	< 5
597329	< 5
597330	3400
597331	< 5
597332	26
597333	111
597334	5
597335	8
597336	6
597337	9
597338	< 5
597339	5
597340	< 5
597341	83
597342	10
597343	14
597344	13
597345	< 5
597346	25
597347	17
597348	< 5
597349	< 5
597350	6330
597351	11
597352	< 5
597353	< 5
597354	12
597355	< 5
597356	180
597357	1130

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
597358	103
597359	213
597360	< 5
597361	451
597362	148
597363	1370
597364	146
597365	187
597366	29
597367	5
597368	10
597369	7
597370	5250
597371	11
597372	6
597373	10
597374	< 5
597375	22
597376	268
597377	11

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2520
OREAS 254 Cert	2550
OREAS 217 (Fire Assay) Meas	346
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	333
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	331
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3430
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3410
OREAS 215 (Fire Assay) Cert	3540
597328 Orig	< 5
597328 Dup	< 5
597337 Orig	10
597337 Dup	8
597347 Orig	17
597347 Dup	16
597363 Orig	1360
597363 Dup	1370
597365 Orig	187
597365 Split PREP DUP	257
597371 Orig	14
597371 Dup	8
597374 Orig	< 5
597374 Dup	8
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 13-Aug-18
Invoice No.: A18-10790
Invoice Date: 23-Aug-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

55 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 **A18-10790**

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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
597378	< 5
597379	< 5
597380	< 5
597381	< 5
597382	< 5
597383	< 5
597384	< 5
597385	< 5
597386	< 5
597387	5
597388	< 5
597389	< 5
597390	3610
597391	< 5
597392	< 5
597393	< 5
597394	< 5
597395	< 5
597396	< 5
597397	< 5
597398	< 5
597399	< 5
597400	< 5
597401	< 5
597402	11
597403	< 5
597404	< 5
597405	< 5
597406	< 5
597407	< 5
597408	< 5
597409	< 5
597410	6590
597411	< 5
597412	< 5
597413	< 5
597414	< 5
597415	< 5
597416	< 5
597417	< 5
597418	< 5
597419	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
597420	< 5
597421	< 5
597422	< 5
597423	9
597424	< 5
597425	< 5
597426	< 5
597427	< 5
597428	< 5
597429	< 5
597430	5410
597431	< 5
597432	6

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	338
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	332
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3460
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3500
OREAS 215 (Fire Assay) Cert	3540
597387 Orig	5
597387 Dup	5
597397 Orig	< 5
597397 Dup	< 5
597407 Orig	< 5
597407 Dup	< 5
597422 Orig	< 5
597422 Dup	< 5
597427 Orig	< 5
597427 Split PREP DUP	< 5
597431 Orig	< 5
597431 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 16-Aug-18
Invoice No.: A18-10991
Invoice Date: 11-Sep-18
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

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 **A18-10991**

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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 some loops and is positioned above 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
386978	15
386979	13
386980	< 5
386981	6
386982	9
386983	5
386984	9
386985	5
386986	< 5
386987	< 5
386988	6
386989	< 5
386990	3460
386991	< 5
787001	< 5
787002	6
787003	5
787004	< 5
787005	7
787006	5
787007	34
787008	6
787009	< 5
787010	6600
783013	< 5
783014	< 5
783015	< 5
783016	< 5
783017	5
783018	< 5
783019	9
783020	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	336
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3640
OREAS 215 (Fire Assay) Cert	3540
386991 Orig	< 5
386991 Dup	< 5
783013 Orig	< 5
783013 Dup	< 5
783020 Orig	< 5
783020 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 20-Aug-18
Invoice No.: A18-11148
Invoice Date: 11-Sep-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

23 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 **A18-11148**

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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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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
596929	12
596930	3470
596931	6
596932	< 5
596933	11
596934	5
596935	6
596936	< 5
596937	< 5
596938	6
596939	< 5
596940	< 5
596941	< 5
596942	< 5
596943	< 5
596944	< 5
596945	32
596946	6
596947	< 5
596948	< 5
596949	< 5
596950	6240
596951	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	327
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3510
OREAS 215 (Fire Assay) Cert	3540
596941 Orig	< 5
596941 Dup	< 5
596949 Orig	< 5
596949 Dup	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 21-Aug-18
Invoice No.: A18-11283
Invoice Date: 20-Sep-18
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

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 **A18-11283**

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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

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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
787011	37								
787012	62								
787013	616								
787014	421								
787015	> 10000	13.1	12.6	10.6	11.2	11.0	24.31	515.07	539.38
787016	23								
787017	8								
787018	< 5								
787019	< 5								
787020	< 5								
787021	< 5								
787022	< 5								
783021	< 5								
783022	< 5								
783023	7								
783024	9								
783025	7								
783026	< 5								
783027	< 5								
783028	6								
783029	< 5								
783030	3480								
783031	< 5								
787451	< 5								
787452	< 5								
787453	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.53		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 229 (Fire Assay) Meas		12.4	12.1	
OREAS 229 (Fire Assay) Cert		12.1	12.1	
OREAS 229 (Fire Assay) Meas			11.8	
OREAS 229 (Fire Assay) Cert			12.1	
OREAS 217 (Fire Assay) Meas	339			
OREAS 217 (Fire Assay) Cert	338			
OREAS 215 (Fire Assay) Meas	3540			
OREAS 215 (Fire Assay) Cert	3540			
787020 Orig	< 5			
787020 Dup	< 5			
783028 Orig	5			
783028 Dup	6			
783031 Orig	< 5			
783031 Dup	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 22-Aug-18
Invoice No.: A18-11409
Invoice Date: 20-Sep-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

40 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 **A18-11409**

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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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
597433	44								
597434	274								
597435	310								
597436	135								
597437	3020	2.95							
597438	57								
597439	276								
597440	< 5								
597441	> 10000	218	1690	156	157	194	13.60	536.12	549.72
597442	1380								
597443	205								
597444	22								
597445	80								
597446	50								
597447	132								
597448	179								
597449	14								
597450	3450								
597451	20								
597452	8								
597453	< 5								
597454	26								
597455	5								
597456	7								
597457	< 5								
597458	7								
597459	< 5								
597460	< 5								
597461	< 5								
597462	< 5								
597463	9								
597464	< 5								
597465	29								
597466	< 5								
597467	< 5								
597468	< 5								
597469	< 5								
597470	5370								
597471	< 5								

Results

Activation Laboratories Ltd.

Report: A18-11409

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
597472	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.73		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 229 (Fire Assay) Meas		11.8	12.1	
OREAS 229 (Fire Assay) Cert		12.1	12.1	
OREAS 229 (Fire Assay) Meas			11.8	
OREAS 229 (Fire Assay) Cert			12.1	
OREAS 217 (Fire Assay) Meas	323			
OREAS 217 (Fire Assay) Cert	338			
OREAS 217 (Fire Assay) Meas	333			
OREAS 217 (Fire Assay) Cert	338			
OREAS 215 (Fire Assay) Meas	3390			
OREAS 215 (Fire Assay) Cert	3540			
OREAS 215 (Fire Assay) Meas	3440			
OREAS 215 (Fire Assay) Cert	3540			
597441 Orig		221	194	549.72
597441 Dup		215		
597445 Orig	72			
597445 Dup	87			
597456 Orig	6			
597456 Dup	7			
597466 Orig	6			
597466 Dup	< 5			
597468 Orig	6			
597468 Dup	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 27-Aug-18
Invoice No.: A18-11616
Invoice Date: 28-Sep-18
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

36 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 **A18-11616**

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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
783032	< 5
783033	< 5
783034	5
783035	301
783036	135
783037	199
783038	58
783039	107
783040	< 5
783041	394
783042	446
783043	1820
783044	12
783045	< 5
783046	< 5
783047	< 5
783048	< 5
783049	9
783050	6790
783051	7
783052	45
783053	10
783054	29
783055	91
783056	16
783057	125
783058	652
783059	32
783060	< 5
783061	9
783062	11
783063	14
783064	6
783065	5
783066	6
783067	10

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2470
OREAS 254 Cert	2550
OREAS 217 (Fire Assay) Meas	326
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	344
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	344
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3630
OREAS 215 (Fire Assay) Cert	3540
783046 Orig	< 5
783046 Dup	< 5
783053 Orig	9
783053 Dup	10
783062 Orig	10
783062 Dup	11
783067 Orig	12
783067 Dup	8
Method Blank	< 5
Method Blank	5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 27-Aug-18
Invoice No.: A18-11620
Invoice Date: 19-Sep-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

38 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 **A18-11620**

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 read "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
597473	< 5
597474	23
597475	16
597476	6
597477	< 5
597478	< 5
597479	12
597480	< 5
597481	36
597482	8
597483	< 5
597484	6
597485	< 5
597486	6
597487	10
597488	21
597489	< 5
597490	6520
597491	8
597492	< 5
160004	< 5
160005	< 5
160006	< 5
160007	< 5
160008	< 5
160009	< 5
160010	3510
597493	< 5
597494	7
597495	< 5
597496	< 5
597497	< 5
597498	< 5
597499	< 5
597500	< 5
160001	< 5
160002	< 5
160003	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	332
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	332
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3440
OREAS 215 (Fire Assay) Cert	3540
OREAS 215 (Fire Assay) Meas	3550
OREAS 215 (Fire Assay) Cert	3540
597485 Orig	< 5
597485 Dup	< 5
160005 Orig	< 5
160005 Dup	< 5
597496 Orig	< 5
597496 Dup	< 5
160002 Orig	< 5
160002 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 30-Aug-18
Invoice No.: A18-12129
Invoice Date: 21-Sep-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

27 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 **A18-12129**

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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.

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
160011	11
160012	5
160013	8
160014	5
160015	< 5
160016	5
160017	5
160018	< 5
160019	24
160020	< 5
160021	< 5
160022	6
160023	27
160024	8
160025	6
160026	9
160027	9
160028	11
160029	7
160030	5260
160031	15
160032	8
160033	5
160034	5
160035	8
160036	112
160037	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 217 (Fire Assay) Meas	329
OREAS 217 (Fire Assay) Cert	338
OREAS 215 (Fire Assay) Meas	3470
OREAS 215 (Fire Assay) Cert	3540
160023 Orig	24
160023 Dup	29
160034 Orig	5
160034 Dup	5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 04-Sep-18
Invoice No.: A18-12251
Invoice Date: 24-Sep-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

49 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 **A18-12251**

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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
386992	5
386993	5
386994	< 5
386995	< 5
386996	< 5
386997	< 5
386998	8
386999	9
387101	11
387102	23
387103	19
387104	12
783068	< 5
783069	< 5
783070	6510
783071	5
783072	< 5
783073	< 5
783074	< 5
783075	< 5
783076	< 5
787035	< 5
787036	< 5
787037	8
787038	59
787039	2900
787040	< 5
787041	1500
787042	505
787043	361
787044	257
787045	311
787046	633
787047	76
787048	50
787049	24
787050	3470
787051	13
787052	11
787053	44
787054	177
787055	15

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
787056	19
787057	7
787058	8
787059	< 5
787060	< 5
787023	5
387000	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2560
OREAS 254 Cert	2550
OREAS 254 Meas	2500
OREAS 254 Cert	2550
OREAS 217 (Fire Assay) Meas	328
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	329
OREAS 217 (Fire Assay) Cert	338
387102 Orig	23
387102 Dup	23
783075 Orig	< 5
783075 Dup	< 5
787043 Orig	424
787043 Dup	297
787058 Orig	8
787058 Dup	8
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 06-Sep-18
Invoice No.: A18-12444
Invoice Date: 11-Sep-18
Your Reference: Sugar Zone-NM

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 **A18-12444**

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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	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	5	0.03	0.03	0.03	0.03	0.03			
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
596952	< 5								
596953	< 5								
596954	> 10000	12.8	95.2	4.38	4.76	6.47	11.34	530.53	541.87
596955	198								
596956	88								
596957	> 10000	11.4	11.0	13.0	12.7	12.7	17.44	255.63	273.07
596958	125								
596959	785								
596960	< 5								
596961	481								
596962	175								
596963	36								
596964	< 5								

Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Lower Limit	5	0.03	0.03	
Method Code	FA-AA	FA- GRA	FA-MeT	FA-MeT
OREAS 216 (Fire Assay) Meas		6.76		
OREAS 216 (Fire Assay) Cert		6.66		
OREAS 229 (Fire Assay) Meas		11.8		
OREAS 229 (Fire Assay) Cert		12.1		
OREAS 217 (Fire Assay) Meas	331			
OREAS 217 (Fire Assay) Cert	338			
OREAS 215 (Fire Assay) Meas	3590			
OREAS 215 (Fire Assay) Cert	3540			
596954 Orig		13.2	6.47	541.87
596954 Dup		12.4		
596964 Orig	< 5			
596964 Dup	5			
Method Blank	< 5			
Method Blank		< 0.03		
Method Blank			< 0.03	0.00000



Date Submitted: 06-Sep-18
Invoice No.: A18-12501
Invoice Date: 01-Oct-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

55 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 **A18-12501**

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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.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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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
160038	37
160039	383
160040	< 5
160041	890
160042	255
160043	586
160044	278
160045	< 5
160046	< 5
160047	8
160048	21
160049	< 5
160050	3390
160051	< 5
160052	< 5
160053	< 5
160054	< 5
160055	< 5
160056	< 5
160057	< 5
160058	< 5
160059	77
160060	< 5
160061	< 5
160062	13
160063	7
160064	< 5
160065	9
160066	8
160067	6
160068	< 5
160069	< 5
160070	3450
160071	6
160072	< 5
160073	< 5
160074	< 5
160075	15
160076	13
160077	< 5
160078	< 5
160079	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
160080	< 5
160081	< 5
160082	< 5
160083	< 5
160084	< 5
160085	< 5
160086	< 5
160087	< 5
160088	< 5
160089	< 5
160090	5430
160091	< 5
160092	11

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2560
OREAS 254 Cert	2550
OREAS 254 Meas	2550
OREAS 254 Cert	2550
OREAS 217 (Fire Assay) Meas	332
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	330
OREAS 217 (Fire Assay) Cert	338
160047 Orig	8
160047 Dup	7
160057 Orig	6
160057 Dup	< 5
160067 Orig	6
160067 Dup	6
160082 Orig	< 5
160082 Dup	< 5
160087 Orig	< 5
160087 Split PREP DUP	< 5
160091 Orig	< 5
160091 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5



Date Submitted: 10-Sep-18
Invoice No.: A18-12594
Invoice Date: 01-Oct-18
Your Reference: Sugar Zone-NM

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

27 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 **A18-12594**

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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.
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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
696965	14
696966	96
696967	94
696968	< 5
696969	15
696970	5260
696971	5
696972	< 5
696973	7
696974	< 5
696975	16
696976	< 5
696977	< 5
696978	< 5
696979	< 5
696980	< 5
696981	< 5
696982	24
696983	< 5
696984	< 5
696985	< 5
696986	< 5
696987	< 5
696988	< 5
696989	< 5
696990	3570
696991	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Meas	2590
OREAS 254 Cert	2550
OREAS 217 (Fire Assay) Meas	333
OREAS 217 (Fire Assay) Cert	338
696977 Orig	< 5
696977 Dup	< 5
696986 Orig	< 5
696986 Dup	< 5
Method Blank	< 5
Method Blank	< 5

Appendix G – Sugar & Wolf Zones – 2018 Actlabs Invoices

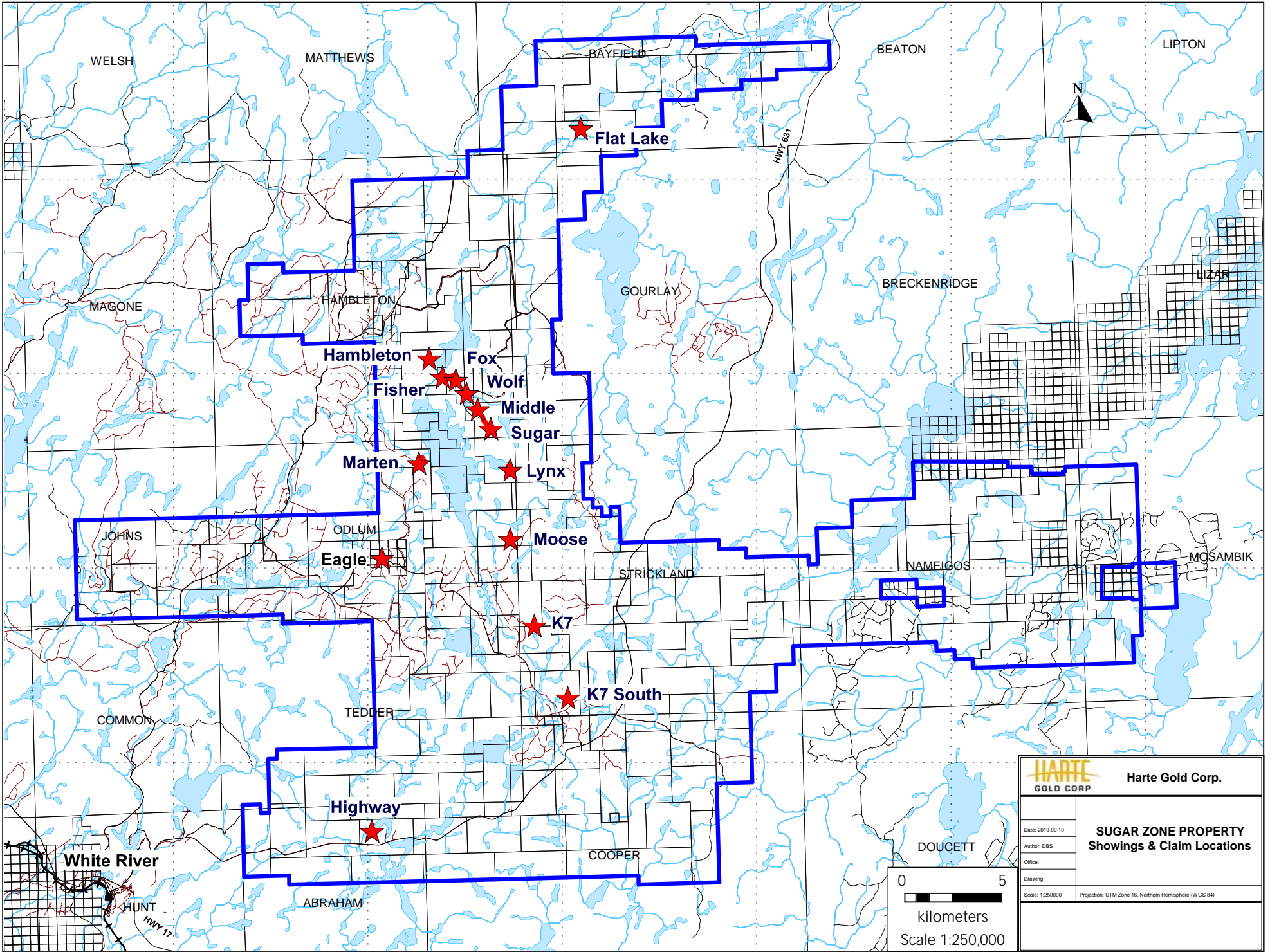
Withheld for confidentiality.

Appendix H – Sugar & Wolf Zones – 2018 Foraco Invoices

Withheld for confidentiality.

Appendix I – Sugar & Wolf Zones – 2018 Chibougamau Invoices

Withheld for confidentiality.



WELSH

MATTHEWS

BAYFIELD

BEATON

LIPTON

Flat Lake

MAGONE

HAMBLETON

GOURLAY

BRECKENRIDGE

LIZAR

Hambleton

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

