We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l’accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d’aide à la communication, veuillez nous contacter.

2017 DIAMOND DRILLING REPORT
MOOSE ZONE
DAYOHESSARAH LAKE AREA
WHITE RIVER, ONTARIO

NTS 42C/ 10, 11, 14 and 15

Latitude 48°48’ N, Longitude 85°10’ W

Dates Work Performed
November 17, 2017 and September 09, 2019

for

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

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

September 09, 2019

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

Executive Summary

Between November 17, 2017 to December 02, 2017 Harte Gold Corporation performed a 2 hole, 933.0 meter diamond drill program at the Moose Zone. This zone is located on the Dayohessarah Lake property ("the Property") which is located in the Dayohessarah Lake area, north of White River, Ontario. The drill rig (HC-150-16) was supplied by Chibougamau Diamond Drilling Ltd.

The intent of the drill program was to drill test a magnetic high and magnetic low anomaly that are coincident with strongly silicified and sericitic felsic volcanics and quartz-feldspar porphyry dykes/sills that host 10-25% pyrite.

A total of $94,757 was spent on this drill program which included cost such as drilling, assay and salaries, etc. The average cost per meter was $101.56.

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

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

1.0 Introduction

The Moose Zone is one of several gold-bearing zones identified on Harte Gold's Dayohessarah Lake property. The property is located in the Dayohessarah Greenstone Belt ("DGB"). This greenstone belt is part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton. The Moose Zone is located 5.5 km south of the Sugar Zone deposit.

This report will summarize and discuss the results of the diamond drill program conducted between November 17, 2017 to December 02, 2017 by Harte Gold Corp. on the Dayohessarah Lake Property. The drill report was written from September 06-09, 2019.

Both Moose Zone drill holes were drilled on claims permitted by Exploration Permit PR-17-11055.

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

2.0 Property Location and Description

2.1 Location and Access

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

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

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

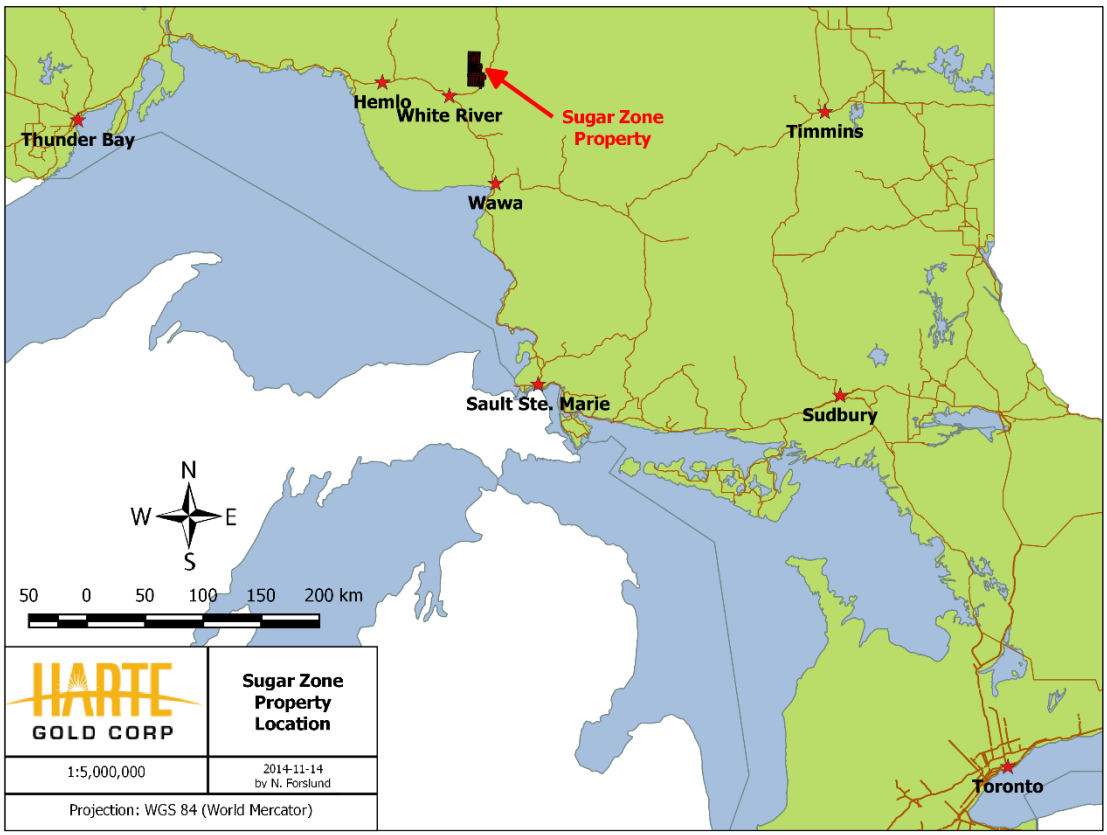


Figure 1 - Property Location

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

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

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

2.2 Description of Mining Claims

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

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

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

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

Harte and Corona entered into an Option Agreement (the "Corona Option") dated May 28, 2010, entitling Harte to acquire Corona's 51% interest in the Sugar Zone Joint Venture upon completion of certain conditions. Effective March 10, 2010, Harte became the Operator of the Sugar Zone Joint Venture for as long as the Corona Option remained in good standing. Harte completed all required conditions and as of May 23, 2012 acquired Corona's 51% interest to became 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 -35ºC in the winter to +30ºC 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.

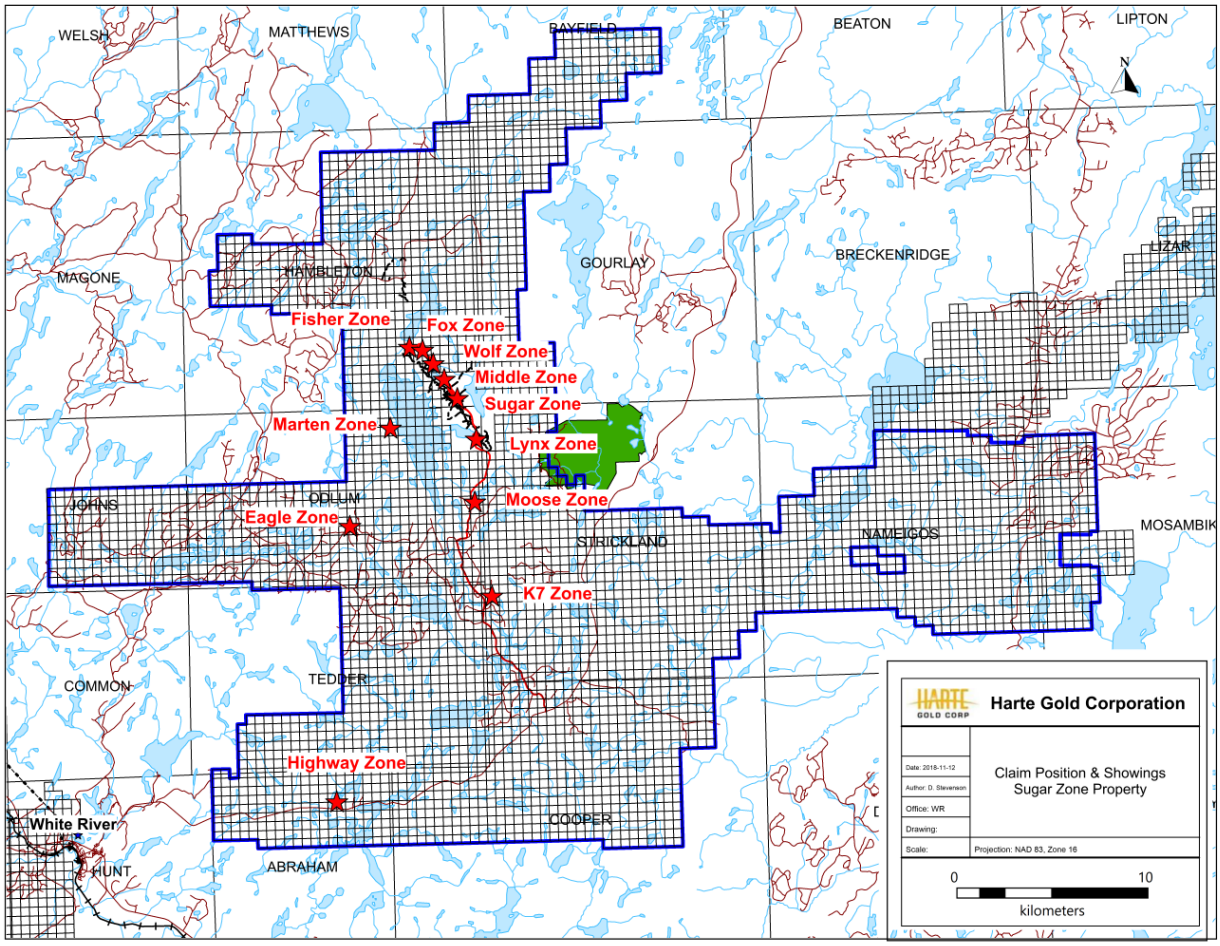


Figure 2 - Claim Position and Showings

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 boulderer 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 320º 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.Geo. 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 it first drilling program. During March, a diamond drill program totaling 2,097.31 m in 12 holes, two of which were aborted before reaching the Sugar Zone. The program was successful in locating a high-grade area of the Sugar Zone located near surface and directly under a series of surface trenches. The drill program was also successful in determining that the Sugar Zone has significant mineralization below 300 m depth.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2014

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

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

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

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

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

2015

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

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

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

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

2016

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

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

2017

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

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

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

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

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

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

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

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

2018

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

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

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

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

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

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

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

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

4.0 Geological Setting

4.1 Regional Geology

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

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

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

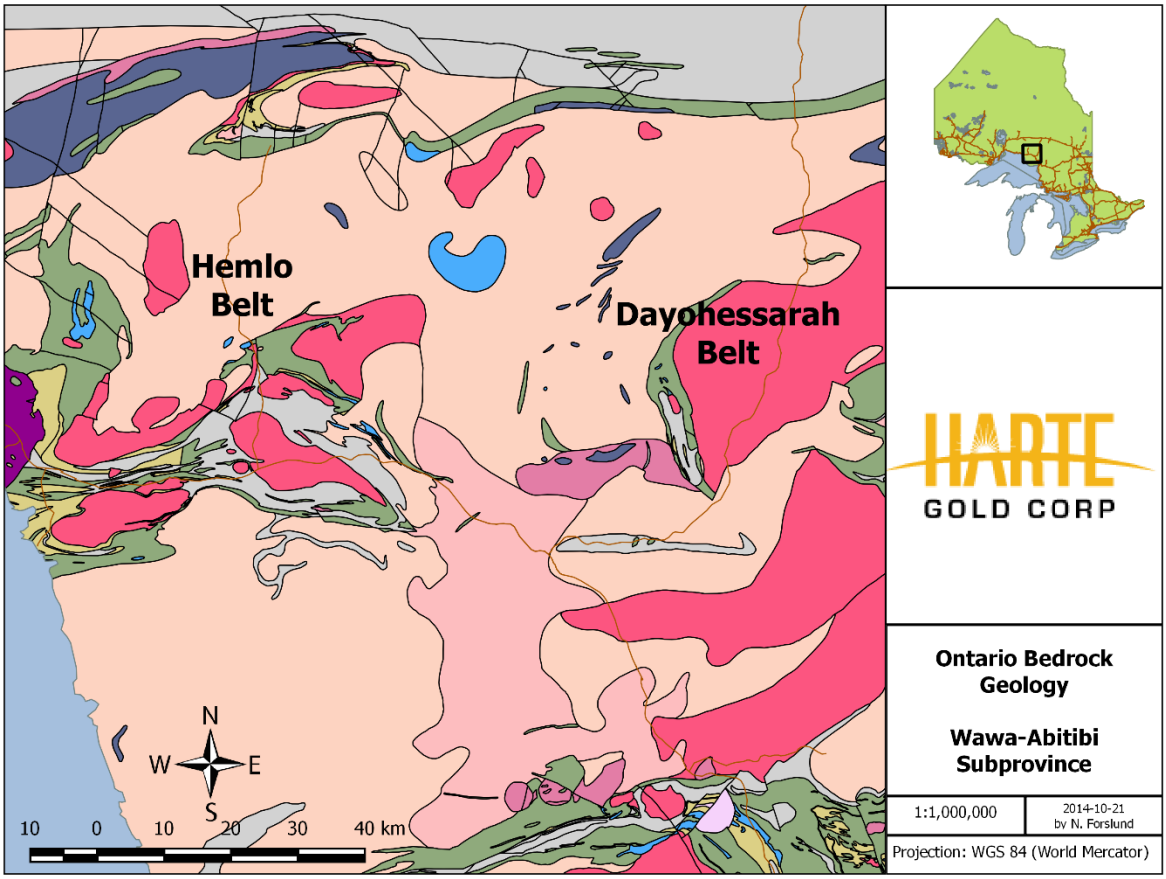


Figure 3 - Regional Geology

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

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

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

4.2 Property Geology

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

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

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

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

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

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

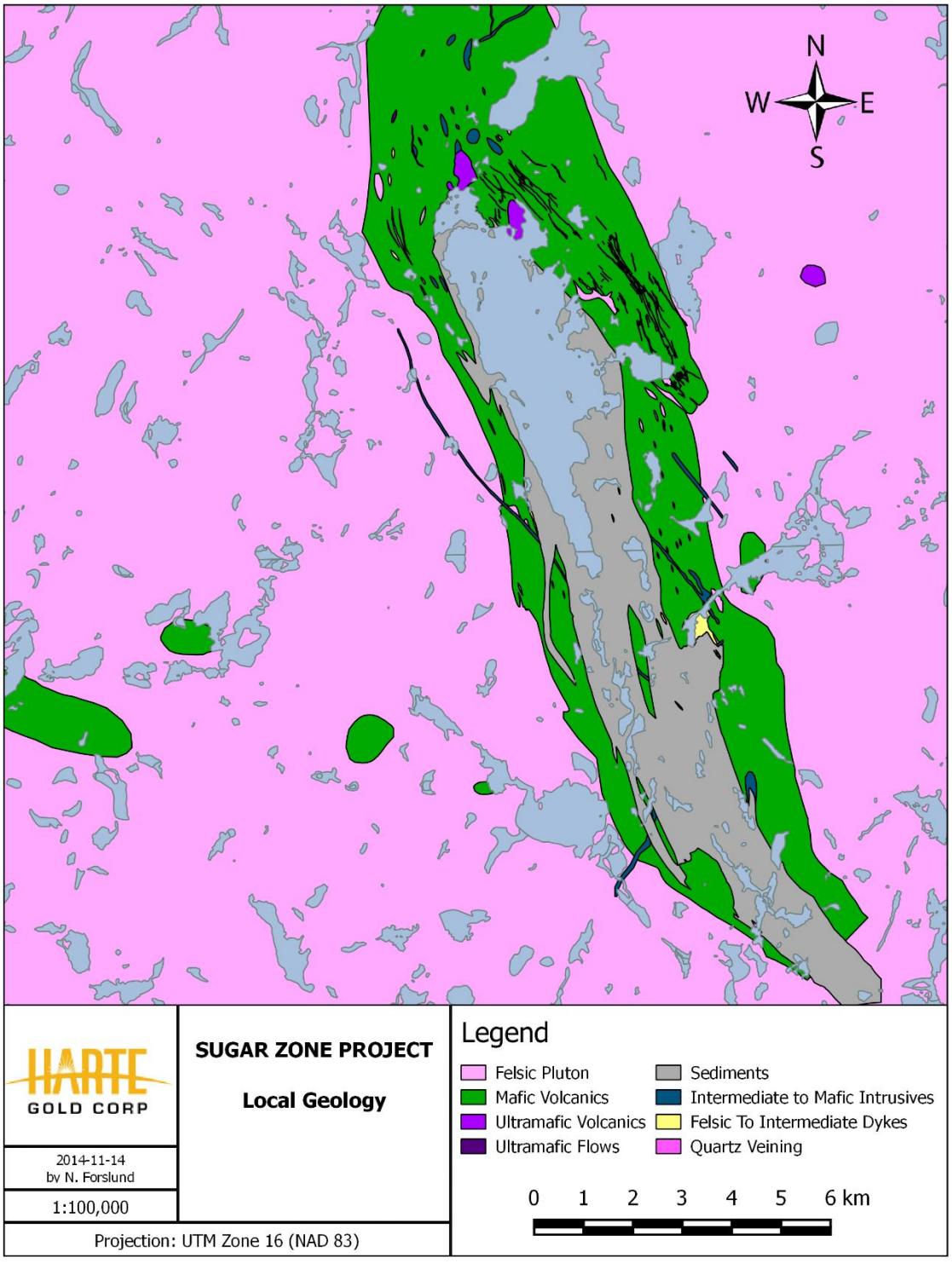


Figure 4 - Property Geology

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), diopsidation 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 2017 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 10^{th} 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

1A2 - (1A2-30 or 50) Au Fire Assay - AA

Fire Assay Fusion

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

AA Finish

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

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

Element	Detection Limit	Upper Limit
Au	5	5,000

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

Fire Assay

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

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

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

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

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

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

Metallic Screen

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

Fire Assay

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

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

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

Element	Detection Limit
Au	0.03

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

Ultratrace 6 combines the 4-acid digestion (HF, $HClO_4$, HNO_3 and HCl) with analysis by ICP and ICP/MS. Resistate minerals are not digested.

"Near Total" Digestion - ICP Portion

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

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

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

"Near Total" Digestion – ICP/MS Portion

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

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

Code Ultratrace-6 Elements and Detection Limits (ppm)

Element	Detection	Upper	Reported
Ag	0.05	100	ICP&ICP/MS
Al	0.01%	10%	ICP
As	0.1	10,000	ICP/MS
Ba	1	5,000	ICP/MS
Be	0.1	1,000	ICP/MS
Bi	0.02	2,000	ICP/MS
Ca	0.01%	50%	ICP
Cd	0.1	1,000	ICP/MS
Ce	0.1	10,000	ICP/MS
Co	0.1	500	ICP/MS

Element	Detection	Upper	Reported
Na	0.01%	3%	ICP
Nb	0.1	500	ICP/MS
Nd	0.1	10,000	ICP/MS
Ni	0.5	5,000	ICP/MS
P	0.001%	10%	ICP
Pb	0.5	5,000	ICP/MS
Pr	0.1	1,000	ICP/MS
Rb	0.2	5,000	ICP/MS
Re	0.001	100	ICP/MS
S+	0.01%	20%	ICP

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

6.3 2017 Drilling

Two diamond drill holes totalling 933.0 meters were drilled in to the Moose Zone to test a magnetic high and magnetic low anomaly that are coincident with strongly silicified and sericitic felsic volcanics and quartz-feldspar porphyry dykes/sills that host 10-25% pyrite.

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

6.4 Results

A total of 106 core samples were collected and 112 analysis were performed for gold by fire assay AA, gravimetric or metallic method. Any sample following an AA finish with a value of over 3 g/t and 10 g/t gold were re-assayed by gravimetric finish and screen metallic assay, respectively.

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

No significant gold values were returned from either MOZ-17-01 or 02.

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

7.0 Conclusions and Recommendations

Between November 17, 2017 to December 02, 2017 Harte Gold Corporation performed a two hole, 933.0 meter diamond drill program at the Moose Zone. Based on the negative gold values received in both Moose Zone holes, no further drilling is warranted.

8.0 Costs

A total of $94,757 was spent during the Moose Zone drill program. Costs and cost distribution per claim are summarized in Tables 1, 2, 3 and 4.

Table 1 – Moose Zone - Summary of Costs

Activity	Units			Cost per Unit		Total	%
Drilling (2 holes)	933.00	meters	@	$77.98	per meter	$ 72,754	76.8%
Planning/Supervision	9	days	@	$650.00	per day	$ 5,850	6.2%
Drill Geologist	9	days	@	$350.00	per day	$ 3,150	3.3%
Core Cutter	9	days	@	$220.00	per day	$ 1,980	2.1%
Assays	106	samples	@	$17.39	per sample	$ 1,843	1.9%
Truck Rental	0.5	months	@	$2,000.00	per month	$ 1,000	1.1%
Gas	3	trips per hole	@	$30.00	per trips per hole	$ 180	0.2%
Room & Board - Supervisor	9	days	@	$300.00	per day	$ 2,700	2.8%
Room & Board - Geologist x 3	9	days	@	$300.00	per day	$ 2,700	2.8%
Report Writing	4	days	@	$650.00	per day	$ 2,600	2.7%
Total Drill Cost						**$ 94,757**	100.0%
					Ave. $/m	**$ 101.56**	

Table 2 – Moose Zone - Cost Per Claim

	Cell #		
	115330	**264753**	
Total Meters/Claim	358	575	**933.00**
% of Total Meterage/Claim	38.37%	61.63%	**100.00%**
Activity			**Total Cost**
Drill Cost	$27,916.33	$44,837.67	**$72,754**
Assay Cost	$707.17	$1,135.83	**$1,843**
Planning/Supervision	$2,244.69	$3,605.31	**$5,850**
Drill Geologist	$1,208.68	$1,941.32	**$3,150**
Core Cutter	$759.74	$1,220.26	**$1,980**
Truck Rental	$383.71	$616.29	**$1,000**
Gas	$69.07	$110.93	**$180**
R&B - Supervisor	$1,036.01	$1,663.99	**$2,700**
R&B Geologist	$1,036.01	$1,663.99	**$2,700**
Report Writing	$997.64	$1,602.36	**$2,600**
Total Cost/Claim	**$36,359**	**$58,398**	**$94,757**

Table 3 – Moose Zone - DDH Program Cost Summary

	DDH & Cost Item	Invoice Cost	Total Meters	$/Meter	Invoice #	Cell #	m/Cell #	Group #
1	**MOZ-17-01**				23059, 23060	264753	134	531197
	NW casing	$180.00				115330	358	
	NQ drilling	$31,128.00						
	Refelx tests	$1,400.00						
	Waterline	$1,968.00						
	Material left in hole	$1,195.00						
	Man/Machine hours	$4,930.00						
	Handling cost	$205.50						
	Excavator rental							
	Reflex rental							
	APS Rental							
	Total Cost for hole	**$41,006.50**	492	$83.35				
2	**MOZ-17-02**				23057, 23058	264753	441	531197
	NW casing	$540.00						
	NQ drilling	$27,066.00						
	Refelx tests	$1,200.00						
	Waterline	$352.80						
	Material left in hole	$1,340.00						
	Man/Machine hours	$650.00						
	Handling cost	$598.50						
	Excavator rental							
	Reflex rental							
	APS Rental							
	Total Cost for hole	**$31,747.30**	441	$71.99				
	Total Drill Cost	**$72,753.80**	933				933	

Table 4 – Moose Zone - Analytical Cost Summary

DDH #	Certificate #	RX1-1-T ($7/sample)	1A2 ($8/sample)	100% Rush	UT-6	Subtotal Cost
MOZ-17-01	13795	11	11	1		$330.00
MOZ-17-01	13886	33	34			$503.00
MOZ-17-01	14018	34	36			$526.00
		78	**81**			**$1,359.00**
MOZ-17-02	13811	15	15		2	$281.00
MOZ-17-02	14022	13	14			$203.00
		28	**29**			**$484.00**
		106	**112**			**$1,843.00**
		Total Core Samples	**Total Analysis**			**Total Analytical Cost**
				Ave. $/sample		**$17.39**

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 09th day of September, 2019 at Thunder Bay, Ontario.

_____

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

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	Pts. 1-9, 1R-13011
1069333	HAMBLETON				$7,320	Lease	CLM514	MR+SR	31054-0004	
1069343	HAMBLETON				$3,989	Lease	CLM514	MR+SR	31054-0005	
1069344	HAMBLETON				$851	Lease	CLM514	MR+SR, MRO	31054-0006	
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	Lease	CLM515	MR+SR, MRO	31053-0001	Pts. 1-9, 1R-13039
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	Lease	CLM517	MR+SR	31077-0001	Pts. 1-8, 1R-13019
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,MATTH	531242	Multi-cell Mining Claim	2019-12-17	$8,000	$0
COOPER	531139	Multi-cell Mining Claim	2020-01-09	$9,200	$0
COOPER	531112	Multi-cell Mining Claim	2020-01-09	$10,000	$0
COOPER	531163	Multi-cell Mining Claim	2020-01-09	$6,000	$0
COOPER	531115	Multi-cell Mining Claim	2020-01-10	$9,200	$0
COOPER	531116	Multi-cell Mining Claim	2020-01-10	$9,600	$0
COOPER	531117	Multi-cell Mining Claim	2020-01-10	$10,000	$2,829
COOPER	531118	Multi-cell Mining Claim	2020-01-10	$10,000	$0
COOPER	531085	Multi-cell Mining Claim	2020-03-10	$9,600	$0
COOPER	531088	Multi-cell Mining Claim	2020-03-10	$9,600	$0
COOPER	531089	Multi-cell Mining Claim	2020-03-10	$8,000	$0
COOPER	531090	Multi-cell Mining Claim	2020-03-10	$9,600	$2,410
COOPER	531091	Multi-cell Mining Claim	2020-03-10	$9,600	$0
COOPER	531092	Multi-cell Mining Claim	2020-03-10	$9,600	$8
COOPER	531093	Multi-cell Mining Claim	2020-03-10	$10,000	$0
COOPER	531113	Multi-cell Mining Claim	2020-03-10	$10,000	$0
COOPER	531114	Multi-cell Mining Claim	2020-03-10	$10,000	$2,309
COOPER,STRICKLAND	531166	Multi-cell Mining Claim	2020-01-09	$800	$0
COOPER,STRICKLAND	531119	Multi-cell Mining Claim	2020-01-10	$8,000	$0
COOPER,STRICKLAND	531120	Multi-cell Mining Claim	2020-01-10	$6,000	$0
COOPER,STRICKLAND	531121	Multi-cell Mining Claim	2020-01-10	$6,400	$0
COOPER,STRICKLAND	531164	Multi-cell Mining Claim	2020-01-10	$7,200	$0
COOPER,STRICKLAND	531165	Multi-cell Mining Claim	2020-04-21	$5,200	$0
COOPER,STRICKLAND,TEDDER	531152	Multi-cell Mining Claim	2020-01-09	$6,800	$0
COOPER,TEDDER	531151	Multi-cell Mining Claim	2020-01-09	$10,000	$0
COOPER,TEDDER	531111	Multi-cell Mining Claim	2020-01-09	$10,000	$0
COOPER,TEDDER	531097	Multi-cell Mining Claim	2020-01-09	$10,000	$0
COOPER,TEDDER	531100	Multi-cell Mining Claim	2020-01-09	$9,600	$0
GOURLAY	531220	Multi-cell Mining Claim	2019-12-03	$9,600	$2,964
GOURLAY	531225	Multi-cell Mining Claim	2019-12-03	$9,600	$891
GOURLAY	531229	Multi-cell Mining Claim	2019-12-03	$10,000	$4,154
GOURLAY	531231	Multi-cell Mining Claim	2019-12-03	$10,000	$7,260
GOURLAY	531232	Multi-cell Mining Claim	2019-12-22	$9,600	$0
GOURLAY,HAMBLETON	531219	Multi-cell Mining Claim	2019-11-20	$9,200	$2,615
GOURLAY,HAMBLETON	531224	Multi-cell Mining Claim	2019-12-03	$9,600	$1,774
GOURLAY,HAMBLETON	531226	Multi-cell Mining Claim	2019-12-03	$10,000	$2,337
GOURLAY,HAMBLETON	531230	Multi-cell Mining Claim	2019-12-03	$8,800	$4,898
GOURLAY,HAMBLETON	531243	Multi-cell Mining Claim	2019-12-03	$10,000	$2,913
GOURLAY,HAMBLETON	531241	Multi-cell Mining Claim	2019-12-17	$9,600	$6,343
GOURLAY,HAMBLETON,STRICK	531222	Multi-cell Mining Claim	2019-12-03	$6,200	$0
GOURLAY,STRICKLAND	531221	Multi-cell Mining Claim	2019-12-03	$10,000	$0
HAMBLETON	531254	Multi-cell Mining Claim	2019-06-13	$9,600	$6,152
HAMBLETON	531255	Multi-cell Mining Claim	2019-06-13	$10,000	$6,288
HAMBLETON	531256	Multi-cell Mining Claim	2019-06-13	$10,000	$8,118
HAMBLETON	531258	Multi-cell Mining Claim	2019-06-13	$4,800	$3,900
HAMBLETON	531269	Multi-cell Mining Claim	2019-06-13	$1,200	$0
HAMBLETON	531214	Multi-cell Mining Claim	2019-07-20	$2,400	$243,686
HAMBLETON	531228	Multi-cell Mining Claim	2019-12-03	$6,000	$1,879
HAMBLETON	531264	Multi-cell Mining Claim	2019-12-17	$9,600	$850
HAMBLETON	531244	Multi-cell Mining Claim	2019-12-17	$10,000	$0
HAMBLETON	531245	Multi-cell Mining Claim	2019-12-17	$9,600	$0
HAMBLETON	531246	Multi-cell Mining Claim	2019-12-17	$9,600	$0
HAMBLETON	531247	Multi-cell Mining Claim	2019-12-17	$9,600	$0
HAMBLETON	531210	Multi-cell Mining Claim	2019-12-23	$6,800	$4,399
HAMBLETON	531249	Multi-cell Mining Claim	2019-12-23	$1,200	$0
HAMBLETON	531257	Multi-cell Mining Claim	2019-12-23	$10,000	$0
HAMBLETON	531268	Multi-cell Mining Claim	2019-12-23	$4,000	$0
HAMBLETON	531212	Multi-cell Mining Claim	2019-12-31	$7,200	$58,751
HAMBLETON	531215	Multi-cell Mining Claim	2019-12-31	$3,600	$213,133
HAMBLETON	531216	Multi-cell Mining Claim	2019-12-31	$1,000	$546,949
HAMBLETON	531217	Multi-cell Mining Claim	2019-12-31	$2,200	$471,385
HAMBLETON	531218	Multi-cell Mining Claim	2019-12-31	$1,800	$110,673
HAMBLETON	531227	Multi-cell Mining Claim	2020-04-21	$5,600	$1,553
HAMBLETON	531248	Multi-cell Mining Claim	2020-04-21	$10,000	$0
HAMBLETON	531265	Multi-cell Mining Claim	2020-04-21	$10,000	$0
HAMBLETON	531266	Multi-cell Mining Claim	2020-04-21	$5,600	$0
HAMBLETON	531267	Multi-cell Mining Claim	2020-04-21	$5,600	$0
HAMBLETON	531211	Multi-cell Mining Claim	2021-12-23	$3,200	$2,381
HAMBLETON	531259	Multi-cell Mining Claim	2022-12-23	$1,200	$851

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

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

Schedule "C"
Halverson Property

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

Appendix B – Moose Zone – 2017 Drill Logs

HARTE GOLD CORP	**Hole Number:**	MOZ-17-01
	Drill Rig:	HC-150-16
	Claim Number:	4201079

Location		**Drill Hole Orientation**		**Dates Drilled:**	**Start Date:**	**End Date:**
Surface					Nov 21st 2017	Nov 26th 2017
Planned Coordinates		**Azimuth:**	50	**Drill Contractor:**	Forages Chibougamau Ltée	
Easting	646937					
Northing	5401791	**Dip:**	-50	**Dates Logged:**	**Start Date:**	**End Date:**
levation(m	[illegible]				Nov 30th 2017	Dec 2nd 2017
Final Pick up		**Depth(m):**	492.00	**Logger 1:**	Andrew Wehrfritz	
Easting	[illegible]			**Logger 2:**		
Northing	[illegible]	**Core Size:**	NQ	**Logger 3:**		
levation(m	[illegible]			**Assay Lab:**		

Casing	
Purpose of Hole	Test mineralization within the Moose zone based on a Chargeability Anomaly.
Results	Intermittant sections of minor disseminated sulphide mineralization in feldspar porphyrys from 201.09 to 268.65. Highly altered '4ALT' units between 416.4 418.4 with 2-3% disseminated sulphides.
Comments	
Azimuth corrected to 7.6 degrees west declination	

Dip Tests

Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
0.0	49.1	50.1			56.7
18.0	49.1	50.1	57093		56.7
48.0	50.8	49.8	56588		58.4
78.0	50.5	49.7	56593		58.1
108.0	49.8	49.1	56448		57.4
138.0	51.3	48.7	56313		58.9
168.0	51.7	48.4	56720		59.3
198.0	51.4	48.3	56683		59
228.0	50.5	47.9	56363		58.1
258.0	50.7	47.5	56727		58.3
288.0	48.2	46.9	56674		55.8
318.0	51.3	46.6	56517		58.9
348.0	51.4	46.1	56493		59
378.0	51.9	45.5	56519		59.5
408.0	51.3	44.8	56303		58.9
438.0	52.3	44.3	56468		59.9
468.0	52.9	43.9	56452		60.5

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
MOZ-17-01	0	3	3	OVB	Overburden	
MOZ-17-01	3	39.8	36.8	5B	Granodiorite	Light grey, mg, felsic rock composed predominately of fg to mg feldspar and foliated biotite. Some quartz. Porphyritic texture in some areas (feldspar phenocrysts). Intermittent potassic / iron staining throughout.
MOZ-17-01	39.8	60.14	20.34	7A	Diabase	fg to mg, dark grey mafic unit, moderate magnetic properties. Occasional feldspar Glomerophyres. Highly fractured throughout.
MOZ-17-01	60.14	73.9	13.76	5B	Granodiorite	mg pale pink and grey felsic rock composed predominately of fg to mg feldspar and foliated biotite with possible mafic speckling. Intermittent potassic or iron staining bands starting at 64m. Unit is highly fractured. Weakly magnetic
MOZ-17-01	73.9	77.6	3.7	7A	Diabase	fg , dark grey to black mafic unit, moderate magnetic properties. Moderately fractured.
MOZ-17-01	77.6	88.1	10.5	5B	Granodiorite	mg pale pink and grey felsic rock composed predominately of mg feldspar and foliated biotite with possible mafic speckling. Intermittent pink/red potassic or iron staining bands. Weak magnetic properties
MOZ-17-01	88.1	94.38	6.28	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Trace amounts of disseminated sulphides.
MOZ-17-01	94.38	100.14	5.76	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocryst which are moderately to highly strained. Moderately altered; healed fractures with sericite (green) and iron/kspar (pink). Trace amounts of disseminated sulphides (<<1%)
MOZ-17-01	100.14	112.7	12.56	5B	Granodiorite	mg grey and black speckled unit composed of felsics; feldspar, biotite and possibly some amphiboles. Pink kspar/iron alteration along healed fractures in areas.
MOZ-17-01	112.7	129.52	16.82	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts range from well formed to highly strained. Moderately altered; healed fractures with sericite (green). Trace amounts of disseminated sulphides (<<1%) Minor iron staining/ kspar alteration.
MOZ-17-01	129.52	130.95	1.43	7A	Diabase	fg to mg, dark grey mafic dyke, moderate magnetic properties. Strong contacts.
MOZ-17-01	130.95	201.09	70.14	5B	Granodiorite	mg pale pink and grey felsic rock composed predominately of mg feldspar and foliated biotite and some mafics. Intermittent pink/red potassic or iron staining bands. Moderately magnetic. Feldspar phenocrysts millimetric in size; porphyric texture.
MOZ-17-01	201.09	229.86	28.77	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts which are moderately to highly strained suspended in a felsic groundmass; foliated biotite . Moderately altered; healed fractures with sericite (green) and iron/kspar (pink). Disseminated sulphides of various concentrations throughout (.5% - 1% overall). Small sections of granodiorite throughout (10% overall). Strongly magnetic in sections.
MOZ-17-01	229.86	236.64	6.78	6F	Mafic Dyke	fg to mg dark green unit composed of mafics; minor fg feldspar. Trace disseminated sulphides
MOZ-17-01	236.64	266.65	30.01	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts which are moderately to highly strained suspended in a felsic groundmass; foliated biotite . Moderately altered; healed fractures with sericite (green) and iron/kspar (pink). Disseminated sulphides of various concentrations throughout (.5% - 1% overall) including some within Smokey quartz veinlets. Small sections of granodiorite throughout (10% overall)
MOZ-17-01	266.65	270.44	3.79	1A	Massive Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. 1-2% sulphides; disseminated and stringers. Moderately magnetic in sections.
MOZ-17-01	270.44	271.74	1.3	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; foliated biotite possibly grano/ felspar intrusion?
MOZ-17-01	271.74	280.8	9.06	6B	Gabbro	mg to cg dark green and grey unit. Cg mafic minerals with finer grained feldspar interstitially. Kspar or red/pink staining on some feldspar crystals. Disseminated sulphides (<1%)
MOZ-17-01	280.8	284.65	3.85	4E	Pegmatite	cg, pink granite, composed of kspar, quartz and muscovite.

MOZ-17-01	284.65	293.9	9.25	6B	Gabbro	mg to cg dark green and grey unit. Cg mafic minerals with finer grained feldspar interstitially. Kspar or red/pink staining on some feldspar crystals. Disseminated sulphides (<1%)
MOZ-17-01	293.9	300.1	6.2	1A	Massive Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. 1-2% sulphides; disseminated and stringers.
MOZ-17-01	300.1	306.54	6.44	4F	Felsic Dyke	light grey felsic, fg to mg, minor to moderate biotite foliation. Fracture zone from 301.5 to 303; appears mechanical.
MOZ-17-01	306.54	322.5	15.96	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Small sections of iron formation with sulphide stringers from 312 to 312. 15 and 312.3 to 312.4.
MOZ-17-01	322.5	330.9	8.4	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; frequent healed fractures with green (sericite?) alteration halos.
MOZ-17-01	330.9	334.7	3.8	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote.
MOZ-17-01	334.7	335.7	1	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; frequent healed fractures with green (sericite?) alteration halos. Disseminated fg py (1%)
MOZ-17-01	335.7	342.5	6.8	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote.
MOZ-17-01	342.5	349.76	7.26	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Frequent healed fractures with green (sericite) alteration halos.
MOZ-17-01	349.76	366.4	16.64	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Red (staining?) and light grey carbonate alteration banding associated will pillow selvages. Minor disseminated sulphides intermittently
MOZ-17-01	366.4	369.46	3.06	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are millimetric in size; well formed to moderately strained and suspended in a felsic groundmass; foliated biotite throughout.
MOZ-17-01	369.46	379.4	9.94	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Red (staining?) and light grey carbonate alteration banding associated will pillow selvages.
MOZ-17-01	379.4	392.79	13.39	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Frequent healed fractures with green (sericite) alteration halos. Minor disseminated sulphides (.1%)
MOZ-17-01	392.79	395.2	2.41	1A	Massive Flows	dark grey to dark green mafic unit with minor foliation. Occasional pillow selvage formations composed of chlorite and epidote. Mg biotite disseminated throughout.
MOZ-17-01	395.2	408	12.8	5B	Granodiorite	light grey felsic rock with black speckling. Light green colour in areas due to disseminated sericite alteration as well as light green alteration halos around healed fractures.
MOZ-17-01	408	413.65	5.65	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Disseminated sulphides in lower portions of unit as well as py and po stringers (<<1% overall)
MOZ-17-01	413.65	416.4	2.75	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Frequent healed fractures with green (sericite) alteration halos. Minor disseminated sulphides and occasional stringers (.25%)
MOZ-17-01	416.4	416.65	0.25	1ALT	Altered Mafic Volcanic	fg, dark grey and green unit with minor foliated mafics, foliated biotite and a fracture with a large 1-2 cm each side green (epidote?) alteration halo surrounding it. Disseminated sulphides throughout (3%)
MOZ-17-01	416.65	417.54	0.89	4ALT	Altered Feldspar Porphyry	fg, felsic, grey unit with purple hue. Frequent healed fractures with green (sericite) alteration halos. Highly strained feldspar phenocrysts in a fg felsic groundmass. Disseminated sulphides and occasional stringers (3% Overall)
MOZ-17-01	417.54	418.4	0.86	1ALT	Altered Mafic Volcanic	fg, dark grey and green unit with minor foliated mafics, zone of quartz flooding from 417.94 to 418.02 associated with sulphide stringers. Disseminated sulphides throughout (3% sulphides overall)
MOZ-17-01	418.4	420	1.6	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; foliated biotite possibly grano/ felspar intrusions associated with sericite alteration. <<1% sulphides.

MOZ-17-01	420	422	2	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Fracture zone from 420 .3 to 421; appears to be mechanical
MOZ-17-01	422	423.4	1.4	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; foliated biotite possibly grano/ felspar intrusions associated with sericite alteration throughout.
MOZ-17-01	423.4	431.18	7.78	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote. Natural fracture zone from 428 to 429.5. <<1% sulphides.
MOZ-17-01	431.18	433.46	2.28	4B	Feldspar Porphyry	fg, felsic grey unit with purple hue. Feldspar phenocrysts are faint/strained suspended in a felsic groundmass; foliated biotite. Healed fractures sericite alteration halos
MOZ-17-01	433.46	439.6	6.14	1B	Pillowed Flows	fg dark grey to dark green mafic unit with minor foliation. Intermittent pillow selvage formations composed of chlorite and epidote.
MOZ-17-01	439.6	456.27	16.67	5B	Granodiorite	light grey felsic rock with black speckling. Composed of mg to cg feldspar surrounded by fg biotite and possibly some mafics. Minor quartz. Moderately Magnetic
MOZ-17-01	456.27	458.15	1.88	4E	Pegmatite	cg, pink granite, composed of kspar, quartz and muscovite.
MOZ-17-01	458.15	492	33.85	5B	Granodiorite	light grey felsic rock with black speckling. Composed of mg to cg feldspar surrounded by fg biotite and possibly some mafics. Minor quartz. Moderately Magnetic
						EOH

BHID	COA NUMBER	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB
MOZ-17-01	A17-14018	88.7	89.5	0.8	386198	0.0025	< 5
MOZ-17-01	A17-14018	89.5	90	0.5	386199	0.0025	< 5
MOZ-17-01	A17-14018	89.5	90	0.5	386200	5.57	5570
MOZ-17-01	A17-14018	90	91	1	386201	0.0025	< 5
MOZ-17-01	A17-14018	94.58	95.58	1	386202	0.0025	< 5
MOZ-17-01	A17-14018	95.58	96.53	0.95	386203	0.0025	< 5
MOZ-17-01	A17-14018	96.53	97.53	1	386204	0.0025	< 5
MOZ-17-01	A17-14018	114.6	115.6	1	386205	0.0025	< 5
MOZ-17-01	A17-14018	115.6	116.2	0.6	386206	0.0025	< 5
MOZ-17-01	A17-14018	116.2	117.2	1	386207	0.0025	< 5
MOZ-17-01	A17-14018	122	123	1	386208	0.0025	< 5
MOZ-17-01	A17-14018	123	124	1	386209	0.0025	< 5
MOZ-17-01	A17-14018	123	124	1	386210	0.0025	< 5
MOZ-17-01	A17-14018	124	125	1	386211	0.0025	< 5
MOZ-17-01	A17-14018	206.66	207.66	1	386212	0.007	7
MOZ-17-01	A17-14018	207.66	208.66	1	386213	0.0025	< 5
MOZ-17-01	A17-14018	208.66	209.66	1	386214	0.0025	< 5
MOZ-17-01	A17-14018	209.66	210.66	1	386215	0.007	7
MOZ-17-01	A17-14018	219	220	1	386216	0.0025	< 5
MOZ-17-01	A17-14018	220	221	1	386217	0.0025	< 5
MOZ-17-01	A17-14018	221	222	1	386218	0.0025	< 5
MOZ-17-01	A17-14018	222	223	1	386219	0.0025	< 5
MOZ-17-01	A17-14018	222	223	1	386220	3.58	3580
MOZ-17-01	A17-14018	223	224.2	1.2	386221	0.0025	< 5
MOZ-17-01	A17-14018	225.25	226.25	1	386222	0.0025	< 5
MOZ-17-01	A17-14018	226.25	227.25	1	386223	0.0025	< 5
MOZ-17-01	A17-14018	229.3	229.9	0.6	386224	0.0025	< 5
MOZ-17-01	A17-14018	229.9	230.9	1	386225	0.0025	< 5
MOZ-17-01	A17-14018	230.9	231.9	1	386226	0.0025	< 5
MOZ-17-01	A17-14018	235.64	236.64	1	386227	0.0025	< 5
MOZ-17-01	A17-14018	236.64	237.64	1	386228	0.0025	< 5
MOZ-17-01	A17-14018	237.64	238.64	1	386229	0.006	6
MOZ-17-01	A17-14019	237.64	238.64	1	386230	0.0025	< 5
MOZ-17-01	A17-14019	238.64	239.64	1	386231	0.0025	< 5
MOZ-17-01	A17-14019	239.64	240.66	1.02	386232	0.0025	< 5
MOZ-17-01	A17-14019	240.66	241.66	1	386233	0.0025	< 5
MOZ-17-01	A17-14019	241.66	242.66	1	386234	0.0025	< 5
MOZ-17-01	A17-14019	242.66	243.66	1	386235	0.0025	< 5
MOZ-17-01	A17-14019	243.66	244.66	1	386236	0.0025	< 5
MOZ-17-01	A17-14019	265.63	266.63	1	386237	0.006	6
MOZ-17-01	A17-14019	266.63	267.63	1	386238	0.0025	< 5
MOZ-17-01	A17-14019	267.63	268.6	0.97	386239	0.0025	< 5
MOZ-17-01	A17-14019	268.6	269.6	1	386240	6.58	6580
MOZ-17-01	A17-14019	268.6	269.6	1	386241	0.0025	< 5
MOZ-17-01	A17-14019	269.6	270.44	0.84	386242	0.0025	< 5
MOZ-17-01	A17-14019	270.44	271.4	0.96	386243	0.0025	< 5
MOZ-17-01	A17-14019	273	274	1	386244	0.0025	< 5
MOZ-17-01	A17-14019	274	275	1	386245	0.0025	< 5
MOZ-17-01	A17-14019	275	276	1	386246	0.0025	< 5
MOZ-17-01	A17-14019	293.08	293.9	0.82	386247	0.0025	< 5
MOZ-17-01	A17-14019	293.9	295	1.1	386248	0.0025	< 5
MOZ-17-01	A17-14019	295	295.6	0.6	386249	0.0025	< 5
MOZ-17-01	A17-14019	295	295.6	0.6	386250	0.0025	< 5
MOZ-17-01	A17-14019	295.6	296.29	0.69	385551	0.0025	< 5
MOZ-17-01	A17-14019	296.29	297.29	1	385552	0.0025	< 5
MOZ-17-01	A17-14019	297.29	298.29	1	385553	0.0025	< 5
MOZ-17-01	A17-14019	298.29	299.37	1.08	385554	0.009	9
MOZ-17-01	A17-14019	299.37	300.1	0.73	385555	0.009	9
MOZ-17-01	A17-14019	300.1	301.1	1	385556	0.0025	< 5
MOZ-17-01	A17-14019	311.03	312	0.97	385557	0.014	14
MOZ-17-01	A17-14019	312	312.68	0.68	385558	0.005	5
MOZ-17-01	A17-14019	312.68	313.68	1	385559	0.0025	< 5
MOZ-17-01	A17-14019	312.68	313.68	1	385560	5.42	5420
MOZ-17-01	A17-14019	333.2	334.14	0.94	385561	0.0025	< 5
MOZ-17-01	A17-14019	334.14	334.7	0.56	385562	0.0025	< 5
MOZ-17-01	A17-14019	334.7	335.7	1	385563	0.0025	< 5

MOZ-17-01	A17-14019	335.7	336.7	1	385564	0.0025	< 5
MOZ-17-01	A17-13795	411.87	412.65	0.78	385565	0.0025	< 5
MOZ-17-01	A17-13795	412.65	413.65	1	385566	0.0025	< 5
MOZ-17-01	A17-13795	413.65	414.65	1	385567	0.0025	< 5
MOZ-17-01	A17-13795	414.65	415.7	1.05	385568	0.0025	< 5
MOZ-17-01	A17-13795	415.7	416.27	0.57	385569	0.0025	< 5
MOZ-17-01	A17-13795	415.7	416.27	0.57	385570	0.0025	< 5
MOZ-17-01	A17-13795	416.27	416.65	0.38	385571	0.0025	< 5
MOZ-17-01	A17-13795	416.65	417.54	0.89	385572	0.093	93
MOZ-17-01	A17-13795	417.54	418.4	0.86	385573	0.028	28
MOZ-17-01	A17-13795	418.4	419.45	1.05	385574	0.0025	< 5
MOZ-17-01	A17-13795	419.45	420	0.55	385575	0.0025	< 5

HARTE GOLD CORP	**Hole Number:**	MOZ-17-02
	Drill Rig:	HC-150-16
	Claim Number:	4201078

Location		**Drill Hole Orientation**		**Dates Drilled:**	**Start Date:**	**End Date:**
Surface					Nov 17 2017	Nov 21 2017
Planned Coordinates		**Azimuth:**	50	**Drill Contractor:**	Forages Chibougamau Ltée	
Easting	646487					
Northing	5401723	**Dip:**	-50	**Dates Logged:**	**Start Date:**	**End Date:**
levation(m	430				Nov 15 2017	Nov 29th 2017
Final Pick up		**Depth(m):**	441.00	**Logger 1:**	Melissa Pecman	
Easting	646558.700			**Logger 2:**	Mike Roberts	
Northing	5401717.000	**Core Size:**	NQ	**Logger 3:**	Andrew Wehrfritz	
levation(m	432.216			**Assay Lab:**	Actlabs	

Casing	
Purpose of Hole	Test mineralization within the Moose zone based on a Chargeability Anomaly.
Results	No Distinctive 'zone' . Sulphides and assays intermittantly throughout.
Comments	M Roberts logger from 93m. Andrew from 263m
Azimuth corrected to 7.6 degrees west declination	

Dip Tests

Depth (m)	Az.	Dip	Mag	Notes	Az Uncor.
0.0	41.5	50.0			49.1
24.0	41.5	50.0	56933		49.1
54.0	42.1	49.6	56677		49.7
84.0	42.2	49.4	56864		49.8
114.0	42.9	49.0	56882		50.5
144.0	42.6	48.4	56653		50.2
174.0	42.8	48.0	56547		50.4
204.0	43.4	47.1	56627		51
234.0	46.4	46.9	56898		54
264.0	43.7	46.7	56398		51.3
294.0	44.5	46.0	56618		52.1
324.0	44.4	45.6	56502		52
354.0	44.7	45.3	56487		52.3
384.0	46.2	45.0	56668		53.8
414.0	45.4	44.4	56547		53

BHID	FROM_M	TO_M	LENGTH_M	ROCK_CODE	ROCK	COMMENTS
MOZ-17-02	0.00	6.00	6.00	OVB	Overburden	
MOZ-17-02	6.00	12.90	6.90	5B	Granodiorite	Casing to 9m. Fine to coarse grained, white to light grey granodiorite. Moderately foliated, moderately magnetic, and coarse grained up to 6.95m, with 15-20% medium to coarse, black to dark brown foliated mafic minerals (biotite-amphibole) and abundant subhedral, 2-5 mm wide white feldspar grains. Fine to medium grained and very weakly foliated to the end of unit with 15-20% fine grained mafic minerals. Lower contact with meta-sediments is difficult to discern.
MOZ-17-02	12.90	51.80	38.90	3S	Siltstone	Fine to medium grained, light grey with a slight purplish hue, weak-moderately foliated meta-sediments that may possibly be a silicified siltstone, or a felsic tuff. Moderate pervasive silicification and moderate patches of fine to medium flakes of silvery sericite muscovite along foliation. No discernable bedding planes; cm-scale zones contain 1-2 mm wide light grey possible lapilli fragments (or coarser clastic grains). Matrix appears to be mostly composed of quartz with little clay content. Lower contact is gradational.
MOZ-17-02	51.80	69.75	17.95	3I	Arenite	Medium grained, light grey with a slight purplish hue, weak-moderately foliated meta-sediments that may possibly be a silicified quartz arenite or other medium grained clastic sediment. Moderate pervasive silicification and moderate interstitial biotite. Possible mm-scale bedding occurs with light purplish grey quartz-rich bands separated by thin, irregular dark grey bands, at roughly 30 deg TCA. Matrix appears to be mostly composed of quartz with little clay content. Very irregular, narrow granodiorite dykes intrude the sediments throughout.
MOZ-17-02	69.75	72.50	2.75	6F	Mafic Dyke	Fine grained, dark green, non-magnetic chloritized mafic dyke. Strong pervasive chloritization and moderate interstitial dark brown-black biotite. Contacts are sharp.
MOZ-17-02	72.50	213.00	140.50	3I	Arenite	Medium grained, light grey/brown with a slight purplish hue, weak-moderately foliated meta-sediments that may possibly be a silicified quartz arenite or other medium grained clastic sediment. Moderate pervasive silicification, interstitial biotite, and patches of beige to light brown sericitization. Possible mm-scale bedding occurs with light purplish grey quartz-rich bands separated by thin, irregular dark grey bands, at roughly 30 deg TCA. Matrix appears to be mostly composed of quartz with little clay content. Two minor pegmatite dykes containing blebs of molybdenite occur. From 112.40 to 112.90 Pegmatite dyke at 49 dca. From 115.00 to 116.30 Unit is strongly chloritized and broken and blocky. From 171.00 to 171.30 Unit is strongly chloritized and broken and blocky. from 173.14 to 173.24 granodiorite dyke at 33 dca. From 176.79 to 176.24 4b at 33 dca. From 178 to 189 Unit sorts into 80% arenites and pelite and lapilli? beds. Unit is banded with various beddings. Moderate to strongly silicified.
MOZ-17-02	213.00	215.27	2.27	5B	Granodiorite	Light grey/creamy. Very fine grained quartz with a medium grained plagioclase and amphibole mix. Massive and very hard.
MOZ-17-02	215.27	217.00	1.73	3I	Arenite	Dark grey to almost black Fine to medium grained. Very strong biotite possibly reworked sediments pushed against grano and diabase.
MOZ-17-02	217.00	243.65	26.65	7A	Diabase	Dark grey to black with olive green tinge. Glomeroporphyritic phenocrysts and strongly magnetic. Unit is very brittle broken and blocky.
MOZ-17-02	243.65	281.20	37.55	3I	Arenite	Medium grained, light grey with a slight purplish hue, weak-moderately foliated meta-sediments that may possibly be a silicified quartz arenite or other medium grained clastic sediment. Moderate pervasive silicification and moderate interstitial biotite. Possible mm-scale bedding occurs with light purplish grey quartz-rich bands separated by thin, irregular dark grey bands, at roughly 30 deg TCA. Matrix appears to be mostly composed of quartz with little clay content. Very irregular, narrow granodiorite dykes intrude the sediments throughout. Schist textured from 268.45 to 275.46; increased biotite content highly foliated with disseminated millimetric sized garnets. Quartz vein from 278.47 to 278.53 containing a .5 cm bleb or molybdenite.
MOZ-17-02	281.20	283.80	2.60	7A	Diabase	Dark grey fg mafic unit with minor to moderate magnetic properties. Millimetric to centimetric feldspar glomerophyres disseminated intermittently throughout.

MOZ-17-02	283.80	288.25	4.45	3I	Arenite	Medium grained, light grey with a slight purplish hue, weak-moderately foliated meta-sediments that may possibly be a silicified quartz arenite or other medium grained clastic sediment. Moderate pervasive silicification and moderate interstitial biotite. Possible mm-scale bedding occurs with light purplish grey quartz-rich bands separated by thin, irregular dark grey bands, at roughly 30 deg TCA. Matrix appears to be mostly composed of quartz with little clay content. Very irregular, narrow granodiorite dykes intrude the sediments throughout.
MOZ-17-02	288.25	308.15	19.90	1A	Massive Flows	fg to cg mafic unit composed predominately of foliated amphiboles with finer grained feldspar interstitially throughout. Biotite and chlorite alteration disseminated throughout. Occasional granodiorite fingering. Disseminated sulphides evident at ~305. Fractured section from 299.26 to 299.56
MOZ-17-02	308.15	310.25	2.10	4B	Feldspar Porphyry	light to medium grey fg unit composed predominately of foliated biotite suspended in a finer grained felsic ground mass of predominately feldspar and some quartz. Disseminated fg sulphides <1% to 1%. Faint strained feldspar phenocrysts intermittently.
MOZ-17-02	310.25	311.38	1.13	1A	Massive Flows	fg to cg mafic unit composed predominately of foliated amphiboles with finer grained feldspar interstitially throughout. Biotite and chlorite alteration disseminated throughout. Occasional granodiorite fingering. fg to mg sulphide blebs evident in several spots (<1%).
MOZ-17-02	311.38	347.37	35.99	6B	Gabbro	mg to cg dark grey to dark green mafic unit composed predominately of cg amphiboles and pyroxenes. Fractured zone from 336.8 to 337 and 343.5 to 344.8. mg lo blebs at 344.3 within a feldspar stringer.
MOZ-17-02	347.37	349.68	2.31	1A	Massive Flows	fg to cg mafic unit composed predominately of foliated amphiboles with finer grained feldspar interstitially throughout. Biotite and chlorite alteration disseminated throughout.
MOZ-17-02	349.68	354.15	4.47	6B	Gabbro	mg to cg dark grey to dark green mafic unit composed predominately of cg amphiboles and pyroxenes. Fracture zone from 349.8 to 350.6
MOZ-17-02	354.15	363.00	8.85	1A	Massive Flows	fg to cg mafic unit composed predominately of foliated amphiboles with finer grained feldspar interstitially throughout. Biotite and chlorite alteration disseminated throughout. Two iron formation subunits with sulphide stringers, see minor tab.
MOZ-17-02	363.00	368.16	5.16	6B	Gabbro	mg to cg dark grey to dark green mafic unit composed predominately of cg amphiboles and pyroxenes. K spar alteration hales at 366.5 that contain green chlorite haloes.
MOZ-17-02	368.16	390.52	22.36	7A	Diabase	Dark grey fg mafic unit with minor to moderate magnetic properties. Millimetric to centimetric feldspar glomerophyres rarely, majority of the unit is without glomerophyres.
MOZ-17-02	390.52	392.55	2.03	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages some of which contain pink (potassic?) alteration.
MOZ-17-02	392.55	394.60	2.05	3D	Iron Formation	Pale purple unit, highly silicified, banded texture containing minor amounts of mafics, fg, intermittent 1B units pop in and out (overall 30% pillow flows). Disseminated .5% sulphides.
MOZ-17-02	394.60	403.60	9.00	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages, intermittent biotite alteration.
MOZ-17-02	403.60	406.55	2.95	3D	Iron Formation	Pale purple unit, highly silicified, banded texture containing minor amounts of mafics, fg, intermittent 1B units pop in and out (overall 30% pillow flows). Disseminated .5% sulphides.
MOZ-17-02	406.55	414.45	7.90	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages composed of chlorite/epidote
MOZ-17-02	414.45	415.70	1.25	5B	Granodiorite	light grey mg to cg composed predominately of feldspar, some quartz, muscovite and fg disseminated biotite/mafic speckling.
MOZ-17-02	415.70	427.00	11.30	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages composed of chlorite/epidote. Very small quantities of pyrite in disseminated in some pillows (<1%)
MOZ-17-02	427.00	429.37	2.37	4E	Pegmatite	Cg to vcg, pink and grey, composed of k-spar, quartz and muscovite
MOZ-17-02	429.37	432.20	2.83	5A	Granite	mg to cg, light grey, composed of predominately feldspar, also quartz muscovite and biotite.
MOZ-17-02	432.20	434.60	2.40	5B	Granodiorite	light grey mg to cg composed predominately of feldspar, some quartz, and fg disseminated biotite/mafic speckling.
MOZ-17-02	434.60	436.33	1.73	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages composed of chlorite/epidote.

MOZ-17-02	436.33	438.50	2.17	4E	Pegmatite	Cg to vcg, pink and grey, composed of k-spar, quartz and muscovite
MOZ-17-02	438.50	441.00	2.50	1B	Pillowed Flows	Dark grey to green, fg, mafic unit with visible pillow selvages composed of chlorite/epidote.
						EOH

BHID	COA NUMBER	FROM_M	TO_M	LENGTH_M	SAMPLE_NUMBER	Au Final	Au PPB	Li ppm 0.5 TD-MS	Na % 0.01 TD-MS	Mg % 0.01 TD-MS	Al % 0.01 TD-MS	K % 0.01 TD-MS
MOZ-17-02	A17-13811	80.30	80.70	0.40	386131	0.0025	< 5	223	2.51	0.96	9.3	2.86
MOZ-17-02	A17-13811	85.25	85.70	0.45	386132	0.0025	< 5	167	> 3.00	0.93	9.19	1.81
MOZ-17-02	A17-13811	277.30	278.30	1.00	386133	0.0025	< 5					
MOZ-17-02	A17-13811	278.30	278.64	0.34	386134	0.0025	< 5					
MOZ-17-02	A17-13811	278.64	279.64	1.00	386135	0.0025	< 5					
MOZ-17-02	A17-13811	304.49	305.49	1.00	386136	0.0025	< 5					
MOZ-17-02	A17-13811	305.49	306.00	0.51	386137	0.0025	< 5					
MOZ-17-02	A17-13811	306.00	307.10	1.10	386138	0.0025	< 5					
MOZ-17-02	A17-13811	307.10	308.05	0.95	386139	0.0025	< 5					
MOZ-17-02	A17-13811	308.05	308.61	0.56	386140	0.0025	< 5					
MOZ-17-02	A17-13811	308.61	309.50	0.89	386141	0.0025	< 5					
MOZ-17-02	A17-13811	309.50	310.25	0.75	386142	0.0025	< 5					
MOZ-17-02	A17-13811	310.25	311.38	1.13	386143	0.0025	< 5					
MOZ-17-02	A17-13811	311.38	312.38	1.00	386144	0.005	5					
MOZ-17-02	A17-13811				386145	0.0025	< 5					
MOZ-17-02	A17-14022	342.90	344.15	1.25	386146	0.0025	< 5					
MOZ-17-02	A17-14022	344.15	344.50	0.35	386147	0.0025	< 5					
MOZ-17-02	A17-14022	344.50	345.40	0.90	386148	0.0025	< 5					
MOZ-17-02	A17-14022	354.20	355.15	0.95	386149	0.0025	< 5					
MOZ-17-02	A17-14022				386150	5.4	5400					
MOZ-17-02	A17-14022	355.15	355.76	0.61	386185	0.0025	< 5					
MOZ-17-02	A17-14022	355.76	356.76	1.00	386186	0.0025	< 5					
MOZ-17-02	A17-14022	358.50	359.46	0.96	386187	0.0025	< 5					
MOZ-17-02	A17-14022	359.46	360.40	0.94	386188	0.0025	< 5					
MOZ-17-02	A17-14022	360.40	361.36	0.96	386189	0.0025	< 5					
MOZ-17-02	A17-14022				386190	0.0025	< 5					
MOZ-17-02	A17-14022	393.00	393.75	0.75	386191	0.0025	< 5					
MOZ-17-02	A17-14022	393.75	394.60	0.85	386192	0.0025	< 5					
MOZ-17-02	A17-14022	394.60	395.60	1.00	386193	0.0025	< 5					
MOZ-17-02	A17-14018	403.60	404.55	0.95	386194	0.0025	< 5					
MOZ-17-02	A17-14018	404.55	405.35	0.80	386195	0.0025	< 5					
MOZ-17-02	A17-14018	405.35	406.55	1.20	386196	0.0025	< 5					
MOZ-17-02	A17-14018	406.55	407.55	1.00	386197	0.0025	< 5					

Ca % 0.01 TD-MS	Cd ppm 0.1 TD-MS	V ppm 1 TD-MS	Cr ppm 0.5 TD-MS	Mn ppm 1 TD-MS	Fe % 0.01 TD-MS	Hf ppm 0.1 TD-MS	Hg ppb 10 TD-MS	Ni ppm 0.5 TD-MS	Er ppm 0.1 TD-MS	Be ppm 0.1 TD-MS	Ho ppm 0.1 TD-MS	Ag ppm 0.05 TD-MS	Cs ppm 0.05 TD-MS	Co ppm 0.1 TD-MS	Eu ppm 0.05 TD-MS	Bi ppm 0.02 TD-MS	Se ppm 0.1 TD-MS
1.75	< 0.1	69	44.1	605	3.63	4.3	30	32.8	0.7	7.2	0.3	0.17	56	12.4	0.55	0.3	0.4
2.67	< 0.1	66	48.1	608	2.48	4.6	40	30.4	0.9	8.7	0.3	0.09	80.3	11.7	0.49	0.26	< 0.1

Zn ppm 0.2 TD-MS	Ga ppm 0.1 TD-MS	As ppm 0.1 TD-MS	Rb ppm 0.2 TD-MS	Y ppm 0.1 TD-MS	Sr ppm 0.2 TD-MS	Zr ppm 1 TD-MS	Nb ppm 0.1 TD-MS	Mo ppm 0.05 TD-MS	In ppm 0.1 TD-MS	Sn ppm 1 TD-MS	Sb ppm 0.1 TD-MS	Te ppm 0.1 TD-MS	Ba ppm 1 TD-MS	La ppm 0.1 TD-MS	Ce ppm 0.1 TD-MS	Pr ppm 0.1 TD-MS	Nd ppm 0.1 TD-MS
96.3	42.3	< 0.1	415	6.7	355	113	27.1	4530	< 0.1	5	< 0.1	0.4	468	18	41.6	5	18.4
67.6	47.3	< 0.1	310	9.5	566	97	17.7	145	< 0.1	3	< 0.1	< 0.1	498	17	42.9	5.1	19.5

Sm ppm 0.1 TD-MS	Gd ppm 0.1 TD-MS	Tb ppm 0.1 TD-MS	Dy ppm 0.1 TD-MS	Cu ppm 0.2 TD-MS	Ge ppm 0.1 TD-MS	Tm ppm 0.1 TD-MS	Yb ppm 0.1 TD-MS	Lu ppm 0.1 TD-MS	Ta ppm 0.1 TD-MS	W ppm 0.1 TD-MS	Re ppm 0.001 TD-MS	Tl ppm 0.05 TD-MS	Pb ppm 0.5 TD-MS	Sc ppm 1 TD-ICP	Th ppm 0.1 TD-MS	U ppm 0.1 TD-MS
3.5	2.6	0.3	1.3	82.1	< 0.1	< 0.1	0.6	< 0.1	7.9	0.6	0.509	3.45	10.8	10	3.1	2.2
4.3	3.2	0.4	1.7	36.3	< 0.1	0.1	0.8	0.1	6.5	0.3	0.013	2.32	13.7	9	3.4	6.6

Ti % 0.0005 TD-ICP	P % 0.001 TD-ICP	S % 0.01 TD-ICP
0.244	0.038	0.53
0.219	0.093	0.1

Appendix C – Moose Zone – 2017 Drill Hole Cross Sections

GEOLOGICAL LEGEND

Mafic Intrusives

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

Felsic Intrusives

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

Sediments

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

Intermediate Volcanics

- 2E-Intermediate Tuff

Felsic Volcanics

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

Mafic Volcanics

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

Early Mafic Intrusive

- 1Z-Gabbroic with gradational contacts

Ultramafic Volcanics

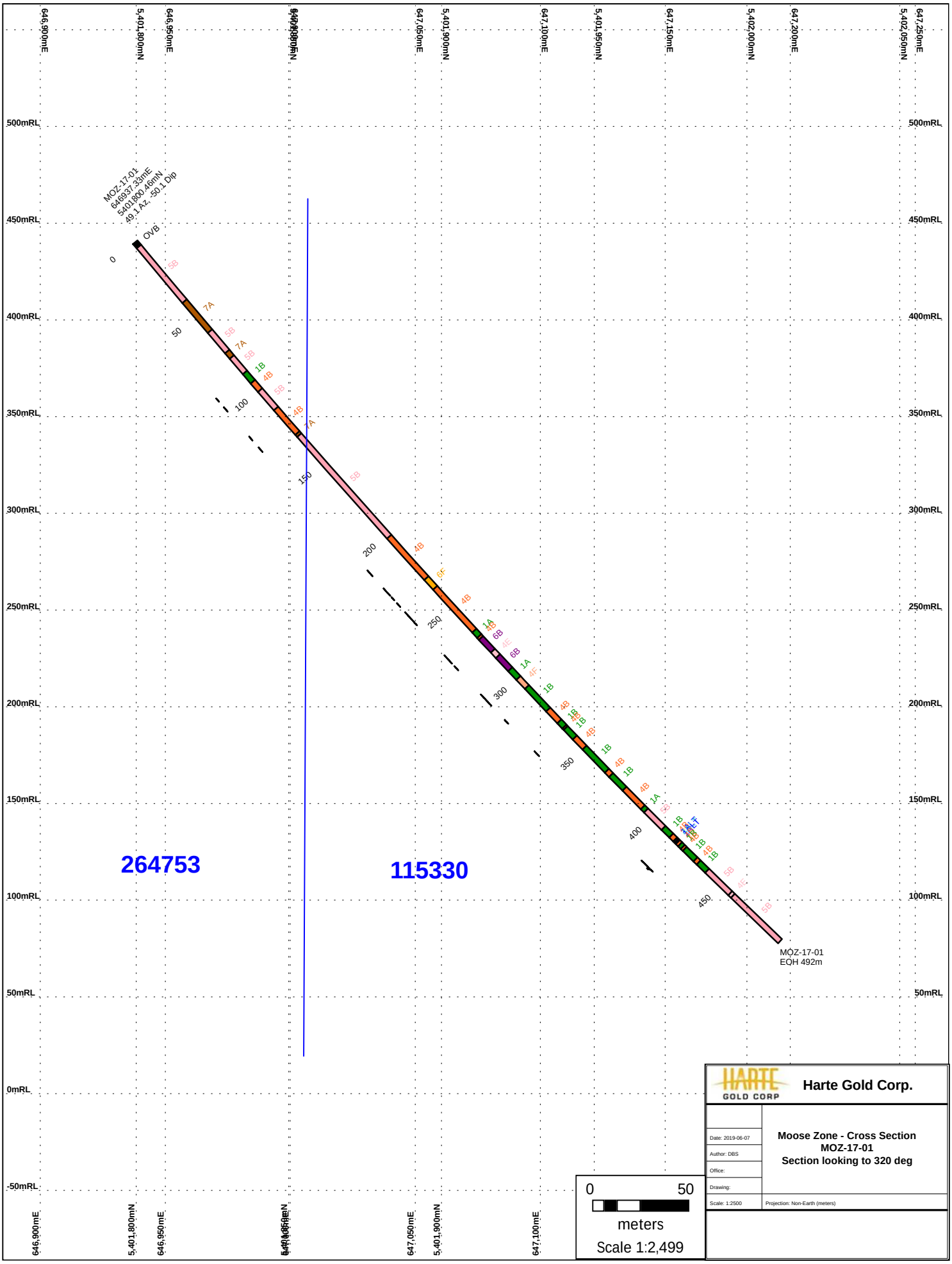
- UM-Ultramafic
- 1U-Ultramafic Flows
- 1UT-Ultramafic Talc/Chlorite Altered

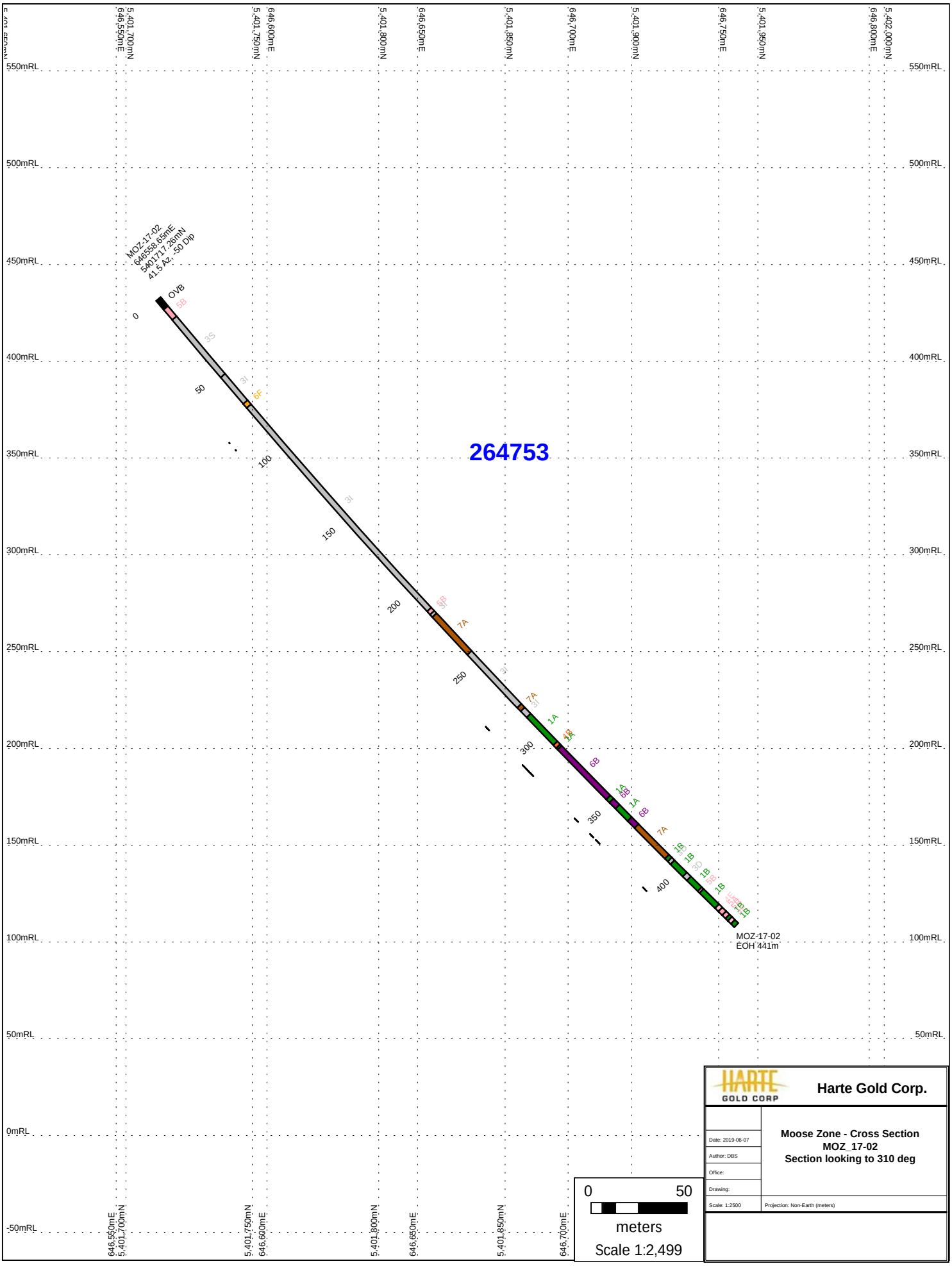
- OVB-Overburden
- CAS-Casing
- BX-Breccia
- FLT-Fault
- Frac-Z-Fracture Zone
- FZ-Fault Zone
- SH-Shear
- SZ-Shear Zone

- 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

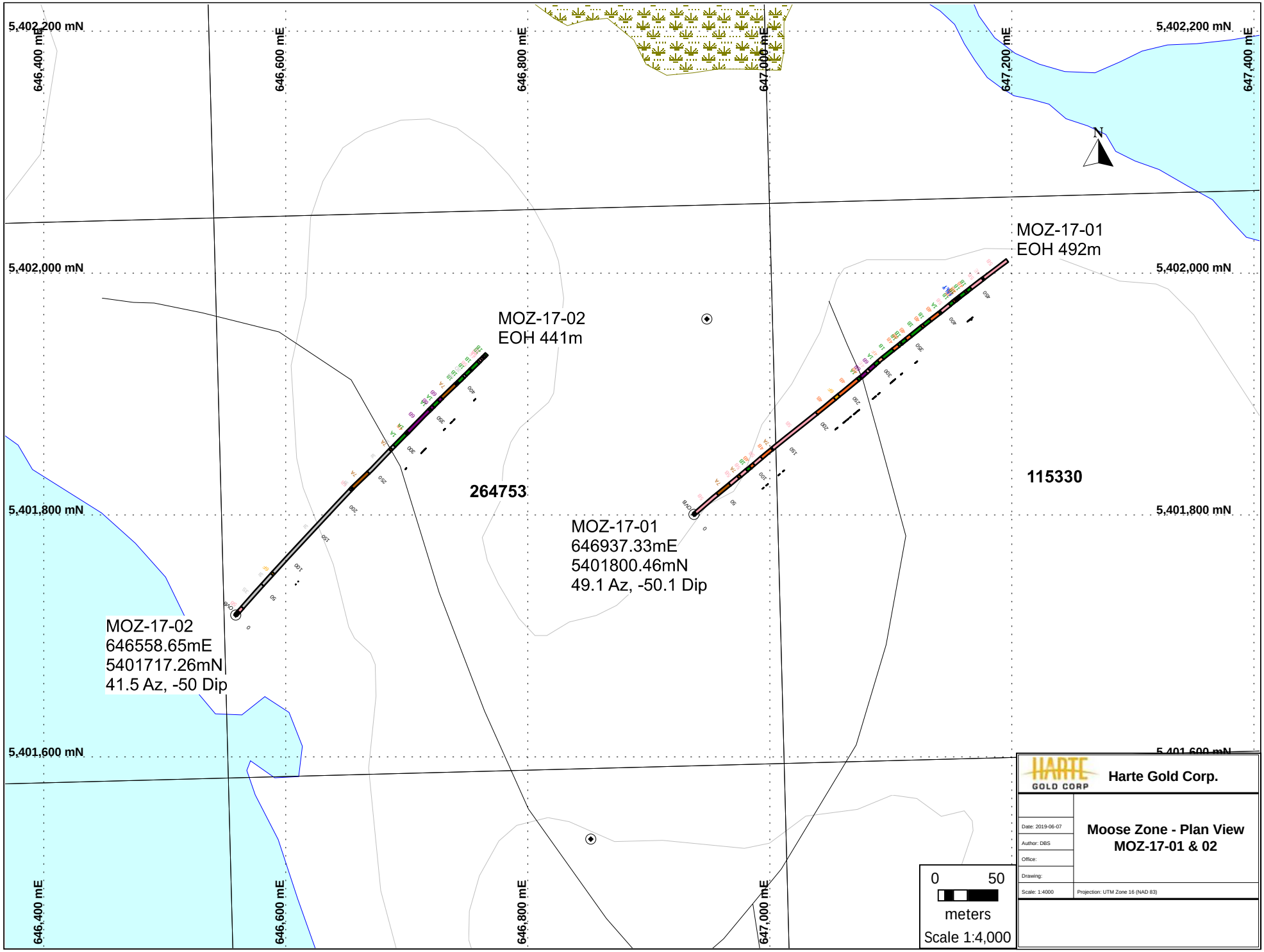
Assay Color Legend

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


MOZ-17-01
646937.33mE
5401800.46mN
49.1 Az, -50.1 Dip
OVB
0
50
100
150
200
250
300
350
400
450
MOZ-17-01
EQH 492m
264753
115330
646,900mE
646,950mE
647,050mE
647,100mE
647,150mE
647,200mE
647,250mE
5,401,800mN
5,401,900mN
5,401,950mN
5,402,000mN
5,402,050mN
500mRL
450mRL
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL
-50mRL
0
50
meters
Scale 1:2,499
Harte Gold Corp.
Date: 2019-06-07
Author: DBS
Office:
Drawing:
Scale: 1:2500
Projection: Non-Earth (meters)
Moose Zone - Cross Section
MOZ-17-01
Section looking to 320 deg


MOZ-17-02
646558.65mE
5401717.26mN
41.5 Az, -50 Dip
OVB
264753
MOZ-17-02
EOH 441m
550mRL
500mRL
450mRL
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
0mRL
-50mRL
646,550mE
646,600mE
646,650mE
646,700mE
646,750mE
646,800mE
5,401,700mN
5,401,750mN
5,401,800mN
5,401,850mN
5,401,900mN
5,401,950mN
5,402,000mN
0
50
100
150
200
250
300
350
400
0
50
meters
Scale 1:2,499
Harte Gold Corp.
Moose Zone - Cross Section
MOZ_17-02
Section looking to 310 deg
Date: 2019-06-07
Author: DBS
Office:
Drawing:
Scale: 1:2500
Projection: Non-Earth (meters)

Appendix D – Moose Zone – 2017 Drill Hole Plans


5,402,200 mN
5,402,000 mN
5,401,800 mN
5,401,600 mN
646,400 mE
646,600 mE
646,800 mE
647,000 mE
647,200 mE
647,400 mE
N
MOZ-17-01
EOH 492m
MOZ-17-02
EOH 441m
264753
115330
MOZ-17-01
646937.33mE
5401800.46mN
49.1 Az, -50.1 Dip
MOZ-17-02
646558.65mE
5401717.26mN
41.5 Az, -50 Dip
0
50
meters
Scale 1:4,000
Harte Gold Corp.
Moose Zone - Plan View
MOZ-17-01 & 02
Date: 2019-06-07
Author: DBS
Office:
Drawing:
Scale: 1:4000
Projection: UTM Zone 16 (NAD 83)

Appendix E – Moose Zone – 2017 Actlabs Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Dec-17
Invoice No.: A17-13795
Invoice Date: 07-Dec-17
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

11 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-13795**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , 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
385565	< 5
385566	< 5
385567	< 5
385568	< 5
385569	< 5
385570	< 5
385571	< 5
385572	93
385573	28
385574	< 5
385575	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 220 (Fire Assay) Meas	871
OREAS 220 (Fire Assay) Cert	828
OREAS 224 (Fire Assay) Meas	2090
OREAS 224 (Fire Assay) Cert	2150
385569 Orig	< 5
385569 Dup	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Dec-17
Invoice No.: A17-13811
Invoice Date: 08-Jan-18
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-13811**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control

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

Date Submitted: 05-Dec-17
Invoice No.: A17-13811
Invoice Date: 08-Jan-18
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

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

REPORT **A17-13811**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
386131	< 5	223	2.51	0.96	9.30	2.86	1.75	< 0.1	69	44.1	605	3.63	4.3	30	32.8	0.7	7.2	0.3	0.17	56.0	12.4	0.55	0.30
386132	< 5	167	> 3.00	0.93	9.19	1.81	2.67	< 0.1	66	48.1	608	2.48	4.6	40	30.4	0.9	8.7	0.3	0.09	80.3	11.7	0.49	0.26
386133	< 5																						
386134	< 5																						
386135	< 5																						
386136	< 5																						
386137	< 5																						
386138	< 5																						
386139	< 5																						
386140	< 5																						
386141	< 5																						
386142	< 5																						
386143	< 5																						
386144	5																						
386145	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
386131	0.4	96.3	42.3	< 0.1	415	6.7	355	113	27.1	4530	< 0.1	5	< 0.1	0.4	468	18.0	41.6	5.0	18.4	3.5	2.6	0.3	1.3
386132	< 0.1	67.6	47.3	< 0.1	310	9.5	566	97	17.7	145	< 0.1	3	< 0.1	< 0.1	498	17.0	42.9	5.1	19.5	4.3	3.2	0.4	1.7
386133																							
386134																							
386135																							
386136																							
386137																							
386138																							
386139																							
386140																							
386141																							
386142																							
386143																							
386144																							
386145																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
386131	82.1	< 0.1	< 0.1	0.6	< 0.1	7.9	0.6	0.509	3.45	10.8	10	3.1	2.2	0.244	0.038	0.53
386132	36.3	< 0.1	0.1	0.8	0.1	6.5	0.3	0.013	2.32	13.7	9	3.4	6.6	0.219	0.093	0.10
386133																
386134																
386135																
386136																
386137																
386138																
386139																
386140																
386141																
386142																
386143																
386144																
386145																

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas		8.0	0.04	0.25	2.35	0.05	1.01	2.7	86	18.5	928	25.6	0.3	3320	41.9		0.9		33.5	3.15	8.0	0.25	1380
GXR-1 Cert		8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380
GXR-1 Meas		7.8	0.04	0.18	2.03	0.04	0.90	2.6	81	15.7	920	24.7	0.5	4450	40.3		1.0		30.3	2.53	8.1	0.21	1340
GXR-1 Cert		8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas		11.5	0.58	1.97	7.00	4.07	1.04	< 0.1	91	74.4	169	3.18	1.0	190	40.9		2.1		3.49	2.64	15.6	1.54	18.7
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0
GXR-4 Meas		12.1	0.57	2.00	7.09	> 5.00	1.08	0.2	93	39.8	166	3.21	1.4	140	40.9		2.0		3.50	2.65	14.7	1.41	18.9
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0
GXR-4 Meas		11.2	0.50	1.46	6.68	3.41	0.93	< 0.1	84	68.9	161	2.91	1.5	260	39.2		1.8		3.19	2.53	13.7	1.37	17.8
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	110	42.0		1.90		4.00	2.80	14.6	1.63	19.0
SDC-1 Meas		34.8	1.53	0.86	8.33	3.09	0.96		45	36.9	795	4.61	0.4	60	34.6	3.6	2.7	1.3		3.65	17.5	1.16	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		43.4	1.67	1.18	9.19	3.21	1.09		34	52.4	919	5.01	0.7	60	34.7	3.9	3.3	1.4		4.06	18.7	1.22	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		33.7	1.41	0.80	7.69	2.83	0.88		48	44.2	799	4.25	1.1	70	31.2	3.4	2.5	1.2		3.56	16.1	1.09	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
GXR-6 Meas		40.3	0.11	0.76	> 10.0	2.27	0.20	< 0.1	146	56.6	1130	5.83	2.5	50	26.1		1.1		0.24	4.34	14.1	< 0.05	0.21
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290
GXR-6 Meas		35.0	0.09	0.49	> 10.0	1.95	0.16	< 0.1	151	54.0	984	5.03	3.0	130	22.2		1.0		0.28	3.83	12.4	< 0.05	0.18
GXR-6 Cert		32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	68.0	27.0		1.40		1.30	4.20	13.8	0.760	0.290
GXR-6 Meas																							
GXR-6 Cert																							
OREAS 97 (4 Acid) Meas																			18.9		63.9		39.4
OREAS 97 (4 Acid) Cert																			19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																			17.5		58.1		38.8
OREAS 97 (4 Acid) Cert																			19.6		62.9		40.1
OREAS 97 (4 Acid) Meas																			17.0		60.5		36.3
OREAS 97 (4 Acid) Cert																			19.6		62.9		40.1
OREAS 98 (4 Acid) Meas																			43.1		121		91.7

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			41.8		117		93.1
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			41.8		126		86.1
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.2							136	148					248						53.3	0.53	
DNC-1a Cert		5.2							148	270					247						57	0.59	
DNC-1a Meas		5.4							152	155					276						55.5	0.58	
DNC-1a Cert		5.2							148	270					247						57	0.59	
DNC-1a Meas		4.4							134	134					247						54.5	0.49	
DNC-1a Cert		5.2							148	270					247						57	0.59	
SBC-1 Meas		172						0.3	222	70.5			3.7		86.5	3.8	3.1	1.3		8.28	22.9	1.78	0.68
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		189						0.3	212	85.1			3.7		83.8	3.7	3.7	1.4		7.97	21.6	1.70	0.65
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		170						0.3	206	71.8			3.5		81.1	3.8	2.9	1.4		7.82	21.8	1.69	0.67
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		20.6	0.09	0.27	8.16	0.43	0.19		95	571	502	14.6	1.6		244	1.6	0.8	0.5		3.75	31.0	0.53	0.51
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		21.1	0.09	0.16	7.12	0.41	0.16		190	577	488	13.8	1.9		229	1.3	0.7	0.4		3.33	29.1	0.45	0.54
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
SdAR-M2 (U.S.G.S.) Meas		18.5						6.0	25	34.0			0.9	1350	51.8	2.9	6.4	1.0		1.70	13.7	0.81	0.96
SdAR-M2 (U.S.G.S.) Cert		17.9						5.1	25.2	49.6			7.29	1440.00	48.8	3.58	6.6	1.21		1.82	12.4	1.44	1.05
SdAR-M2 (U.S.G.S.) Meas		19.4						5.6	25	39.7			4.0	1010	52.3	3.0	6.7	1.0		1.78	13.8	0.79	1.01
SdAR-M2 (U.S.G.S.) Cert		17.9						5.1	25.2	49.6			7.29	1440.00	48.8	3.58	6.6	1.21		1.82	12.4	1.44	1.05
SdAR-M2 (U.S.G.S.) Meas		17.6						4.9	23	46.9			0.8	1320	48.4	2.9	6.2	1.0		1.58	12.9	0.73	0.94
SdAR-M2 (U.S.G.S.) Cert		17.9						5.1	25.2	49.6			7.29	1440.00	48.8	3.58	6.6	1.21		1.82	12.4	1.44	1.05
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
OxK119 Meas	3560																						
OxK119 Cert	3604.000																						
OREAS 220 (Fire Assay) Meas	883																						
OREAS 220 (Fire Assay) Cert	828																						
386143 Orig	< 5																						
386143 Dup	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4.3	8	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3.8	9	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.03
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3.4	5	< 0.01	< 0.1	100	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.03
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2.2	8	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2.2	6	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.03
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2.0	10	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.04
Method Blank		< 0.5	< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.1	< 1	3.7	11	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.03

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2.7	11	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2.7	9	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3.4	6	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.03
Method Blank		< 0.5	< 0.01	< 0.01	0.05	< 0.01	< 0.01	< 0.1	< 1	2.3	5	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	16.2	899	7.7	466	2.8	30.7	324	16	0.5	19.5	0.9	31	45.6	11.3	768	8.1	17.1		10.3	3.0	4.2	0.8	4.7
GXR-1 Cert	16.6	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30
GXR-1 Meas	15.8	846	10.2	435	2.6	28.8	305	25	0.5	17.9	0.8	28	26.4	8.9	665	7.3	14.9		9.2	2.3	4.0	0.7	4.2
GXR-1 Cert	16.6	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30
GXR-1 Meas																							
GXR-1 Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	6.0	67.5	19.1	112	141	14.0	232	36	9.2	342	0.2	8	5.2	1.0	68	62.7	124		48.6	6.3	4.8	0.5	2.5
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	5.5	65.3	20.1	104	150	14.0	222	45	9.4	336	0.2	7	5.2	0.9	117	62.0	122		47.2	6.4	4.9	0.5	2.8
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
GXR-4 Meas	5.5	58.7	17.7	99.2	123	12.9	210	53	9.9	313	0.2	7	4.8	0.9	117	57.9	111		44.8	5.2	4.6	0.5	2.5
GXR-4 Cert	5.60	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60
SDC-1 Meas		92.5	21.6	< 0.1	123		180	17	0.3			< 1	< 0.1		658	41.5	92.8		43.6	7.1	6.7	1.0	5.5
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		110	21.2	< 0.1	121		185	28	0.1			< 1	< 0.1		697	43.0	97.3		45.4	7.9	7.1	1.0	6.0
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		90.4	18.4	< 0.1	108		164	41	< 0.1			< 1	< 0.1		627	37.1	85.0		39.8	7.0	6.4	1.0	5.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
GXR-6 Meas	0.4	119	27.8	271	79.6	12.7	44.9	87	0.2	0.59	< 0.1	< 1	0.8	< 0.1	1550	13.4	37.6		13.6	2.4	2.5	0.4	2.3
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas	0.5	130	24.6	285	71.9	11.3	35.5	107	2.4	0.87	< 0.1	< 1	1.4	< 0.1	1370	11.6	33.7		12.7	2.6	2.2	0.4	2.1
GXR-6 Cert	0.940	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80
GXR-6 Meas																							
GXR-6 Cert																							
OREAS 97 (4 Acid) Meas	71.4	636										96	6.0										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	65.6	621										91	4.1										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 97 (4 Acid) Meas	64.1	608										86	6.6										
OREAS 97 (4 Acid) Cert	71.4	646										95.7	9.23										
OREAS 98 (4 Acid) Meas	166	1360										> 200	11.1										

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	160	1400										> 200	8.9										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	162	1440										194	9.8										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		48.7	13.3		3.1	14.7	136	37	1.2				0.2		100	3.4			4.8				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		56.8	15.4		3.4	16.3	151	43	1.4				0.4		116	3.8			5.5				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		50.6	13.5		3.1	15.2	141	39	1.1				0.2		102	3.6			5.4				
DNC-1a Cert		70	15		5	18.0	144	38.0	3				0.96		118	3.6			5.20				
SBC-1 Meas		182	27.8	21.6	142	31.9	183	132	9.9	2.08		3	1.1		408	53.4	118	14.1	53.8	8.5	8.5	1.1	6.2
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		180	27.5	19.4	133	30.7	181	133	12.3	1.95		3	1.0		373	51.1	113	13.7	52.1	9.0	8.0	1.1	6.1
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		178	26.4	20.3	138	30.7	181	128	10.8	2.11		3	1.0		485	51.7	112	13.7	54.2	8.7	8.2	1.1	6.1
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		34.9	22.6	3.6	39.4	11.0	30.0	67	< 0.1	0.15	< 0.1	< 1	< 0.1		191	16.7	38.5	4.2	14.9	2.3	2.3	0.4	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		36.6	21.3	10.0	33.6	10.0	28.7	77	5.0	1.26	< 0.1	1	0.1		179	13.0	30.8	3.7	13.7	2.2	2.3	0.3	2.0
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
SdAR-M2 (U.S.G.S.) Meas		901	17.1		131	24.9	148	59	2.8	12.1					1070	48.3	107	11.9	42.3	6.4	5.8	0.8	4.3
SdAR-M2 (U.S.G.S.) Cert		760	17.6		149	32.7	144	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18	6.28	0.97	5.88
SdAR-M2 (U.S.G.S.) Meas		918	14.4		160	25.6	150	132	4.2	11.8					1100	47.2	107	11.6	41.7	6.3	5.6	0.8	4.5
SdAR-M2 (U.S.G.S.) Cert		760	17.6		149	32.7	144	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18	6.28	0.97	5.88
SdAR-M2 (U.S.G.S.) Meas		831	16.1		105	24.4	142	56	1.6	10.6					974	43.9	97.1	10.9	40.7	6.0	5.5	0.8	4.5
SdAR-M2 (U.S.G.S.) Cert		760	17.6		149	32.7	144	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18	6.28	0.97	5.88
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
OxK119 Meas																							
OxK119 Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
386143 Orig																							
386143 Dup																							
Method Blank	0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	1240		0.4	2.6	0.3	< 0.1	161		0.46	827	2	2.8	35.0	0.0261	0.059	0.25
GXR-1 Cert	1110		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-1 Meas	1120		0.4	2.2	0.3	< 0.1	149		0.40	787	1	2.6	33.6	0.0276	0.059	0.24
GXR-1 Cert	1110		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-1 Meas											1			0.0242	0.058	0.25
GXR-1 Cert											1.58			0.036	0.0650	0.257
DH-1a Meas												> 500	2520			
DH-1a Cert												910	2629			
DH-1a Meas												> 500	2590			
DH-1a Cert												910	2629			
DH-1a Meas												> 500	2310			
DH-1a Cert												910	2629			
GXR-4 Meas	6560		0.2	1.2	0.1	0.6	40.0		3.34	53.7	8	21.5	6.0	0.290	0.132	1.80
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	6580		0.2	1.1	0.1	0.7	40.7		3.36	53.6	8	22.0	6.1	0.299	0.130	1.84
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
GXR-4 Meas	6130		0.2	1.1	0.1	0.7	40.8		3.19	51.1	8	22.6	5.6	0.283	0.133	1.85
GXR-4 Cert	6520		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
SDC-1 Meas	27.9		0.5	3.4		< 0.1	< 0.1		0.62	23.8	16	12.0	2.8	0.0912	0.054	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	29.9		0.5	3.6		< 0.1	< 0.1		0.65	25.6	16	13.3	2.9	0.240	0.053	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	27.1		0.5	3.3		< 0.1	< 0.1		0.62	25.2	17	11.8	2.7	0.175	0.055	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
GXR-6 Meas	66.2			1.8	0.3	< 0.1	< 0.1		2.22	107	27	5.7	1.5		0.034	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas	61.2			1.7	0.2	0.2	0.8		2.13	102	27	5.3	1.4		0.036	0.02
GXR-6 Cert	66.0			2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
GXR-6 Meas											29				0.033	0.02
GXR-6 Cert											27.6				0.0350	0.0160
OREAS 97 (4 Acid) Meas	> 10000									148						6.67
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									146						6.72
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 97 (4 Acid) Meas	> 10000									135						6.38
OREAS 97 (4 Acid) Cert	63100.00									147						6.07
OREAS 98 (4 Acid) Meas	> 10000									343						15.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									352						14.4
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									329						13.6
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	90.2			1.9						5.4	31			0.289		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	103			2.1						6.5	31			0.276		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	93.2			1.9						6.1	30			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
SBC-1 Meas	28.7		0.5	3.7	0.5	0.6	1.8		0.94	36.5	21	16.8	5.9	0.516		
SBC-1 Cert	31.0000		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	29.4		0.5	3.6	0.4	0.8	1.7		0.91	36.0	21	17.1	5.9	0.495		
SBC-1 Cert	31.0000		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	27.7		0.5	3.6	0.5	0.8	1.7		0.92	37.8	22	17.4	6.1	0.490		
SBC-1 Cert	31.0000		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas	373			1.5	0.2	< 0.1	< 0.1		0.27	22.4	56	15.2	2.8	0.235	0.034	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	373			1.5	0.2	0.2	0.2		0.26	22.2	53	13.6	2.8	0.700	0.037	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas											57			0.157	0.034	0.04
OREAS 45d (4-Acid) Cert											49.30			0.773	0.042	0.049
OREAS 923 (AQUA REGIA) Meas											14				0.062	0.72
OREAS 923 (AQUA REGIA) Cert											3.09				0.061	0.684
OREAS 923 (AQUA REGIA) Meas											13				0.061	0.70
OREAS 923											3.09				0.061	0.684

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
(AQUA REGIA) Cert																
OREAS 923 (AQUA REGIA) Meas											14				0.062	0.73
OREAS 923 (AQUA REGIA) Cert											3.09				0.061	0.684
SdAR-M2 (U.S.G.S.) Meas	251		0.4	2.9	0.4	0.1	0.3			805	5	14.4	2.4			
SdAR-M2 (U.S.G.S.) Cert	236.0000		0.54	3.63	0.54	1.8	2.8			808	4.1	14.2	2.53			
SdAR-M2 (U.S.G.S.) Meas	256		0.4	3.0	0.4	0.3	0.4			830	4	15.9	2.6			
SdAR-M2 (U.S.G.S.) Cert	236.0000		0.54	3.63	0.54	1.8	2.8			808	4.1	14.2	2.53			
SdAR-M2 (U.S.G.S.) Meas	235		0.4	2.8	0.4	< 0.1	< 0.1			789	5	14.9	2.5			
SdAR-M2 (U.S.G.S.) Cert	236.0000		0.54	3.63	0.54	1.8	2.8			808	4.1	14.2	2.53			
Oreas 96 (Aqua Regia) Meas																4.19
Oreas 96 (Aqua Regia) Cert																4.38
Oreas 96 (Aqua Regia) Meas																4.12
Oreas 96 (Aqua Regia) Cert																4.38
Oreas 96 (Aqua Regia) Meas																4.08
Oreas 96 (Aqua Regia) Cert																4.38
OxK119 Meas																
OxK119 Cert																
OREAS 220 (Fire Assay) Meas																
OREAS 220 (Fire Assay) Cert																
386143 Orig																
386143 Dup																
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	<	< 0.001	< 0.01

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
														0.0005		
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0006	< 0.001	< 0.01
Method Blank																

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Dec-17
Invoice No.: A17-14018
Invoice Date: 22-Dec-17
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

36 Rock 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 **A17-14018**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , 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
386194	< 5
386195	< 5
386196	< 5
386197	< 5
386198	< 5
386199	< 5
386200	5570
386201	< 5
386202	< 5
386203	< 5
386204	< 5
386205	< 5
386206	< 5
386207	< 5
386208	< 5
386209	< 5
386210	< 5
386211	< 5
386212	7
386213	< 5
386214	< 5
386215	7
386216	< 5
386217	< 5
386218	< 5
386219	< 5
386220	3580
386221	< 5
386222	< 5
386223	< 5
386224	< 5
386225	< 5
386226	< 5
386227	< 5
386228	< 5
386229	6

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Klen 0.778 Meas	822
Klen 0.778 Cert	778
Klen 1.76 Meas	1750
Klen 1.76 Cert	1760
386203 Orig	< 5
386203 Dup	< 5
386213 Orig	< 5
386213 Dup	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Dec-17
Invoice No.: A17-14019
Invoice Date: 22-Dec-17
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

35 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 **A17-14019**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , 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
386230	< 5
386231	< 5
386232	< 5
386233	< 5
386234	< 5
386235	< 5
386236	< 5
386237	6
386238	< 5
386239	< 5
386240	6580
386241	< 5
386242	< 5
386243	< 5
386244	< 5
386245	< 5
386246	< 5
386247	< 5
386248	< 5
386249	< 5
386250	< 5
385551	< 5
385552	< 5
385553	< 5
385554	9
385555	9
385556	< 5
385557	14
385558	5
385559	< 5
385560	5420
385561	< 5
385562	< 5
385563	< 5
385564	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
PK2 Meas	4940
PK2 Cert	4790
OREAS 220 (Fire Assay) Meas	864
OREAS 220 (Fire Assay) Cert	828
386239 Orig	< 5
386239 Dup	< 5
386249 Orig	< 5
386249 Dup	< 5
385559 Orig	< 5
385559 Dup	9
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Dec-17
Invoice No.: A17-14022
Invoice Date: 21-Dec-17
Your Reference: Exploration

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

ATTN: Vice President George Flach

CERTIFICATE OF ANALYSIS

14 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay-Harte Gold Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-14022**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

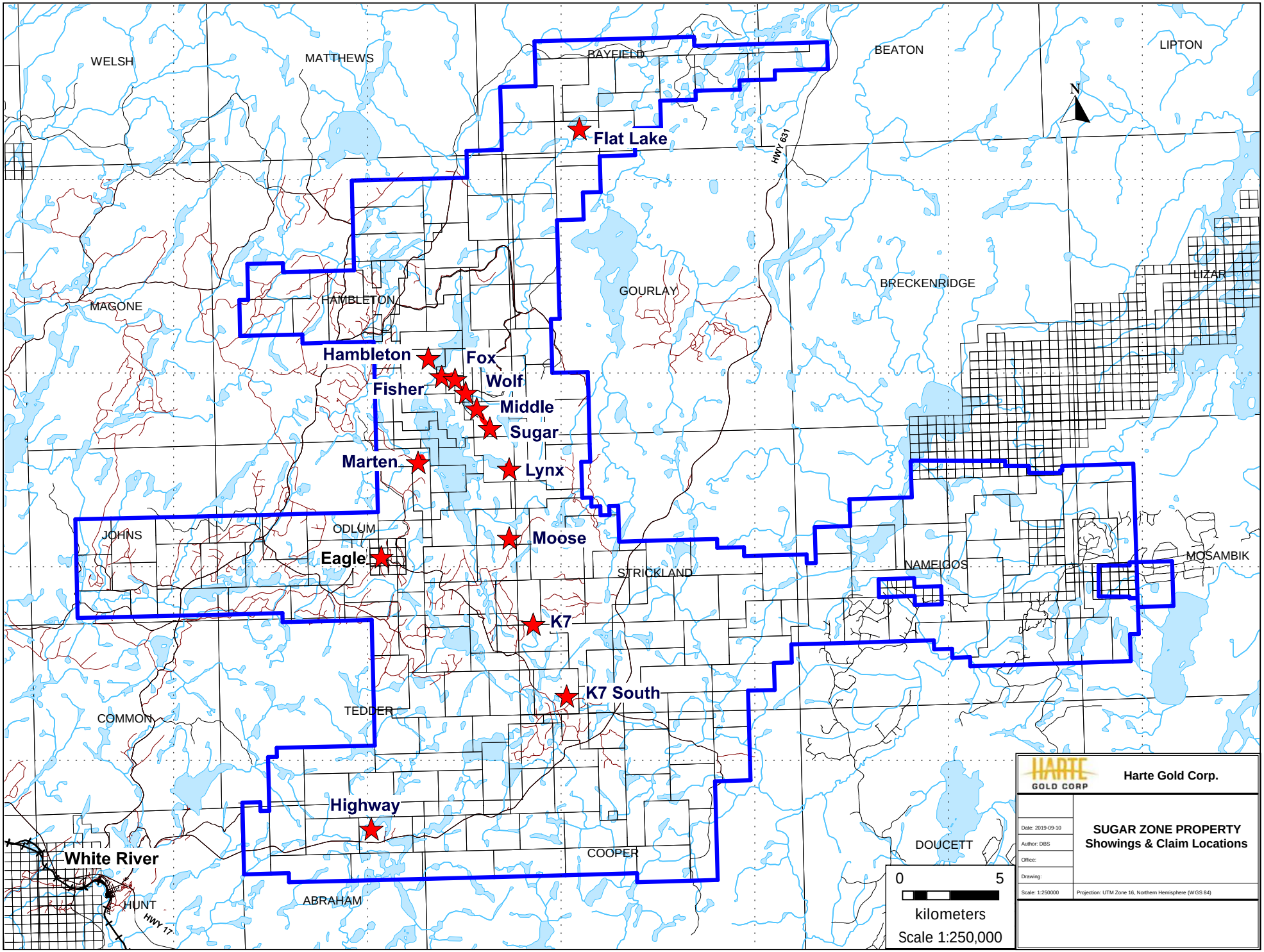
ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
386146	< 5
386147	< 5
386148	< 5
386149	< 5
386150	5400
386185	< 5
386186	< 5
386187	< 5
386188	< 5
386189	< 5
386190	< 5
386191	< 5
386192	< 5
386193	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Klen 0.778 Meas	781
Klen 0.778 Cert	778
Klen 1.76 Meas	1800
Klen 1.76 Cert	1760
386189 Orig	< 5
386189 Dup	< 5
Method Blank	< 5

Appendix F – Moose Zone – 2017 Actlabs Invoices

Appendix G – Moose Zone – 2017 Chibougamau Invoices


WELSH
MATTHEWS
BAYFIELD
BEATON
LIPTON
N
Flat Lake
HWY 631
MAGONE
HAMBLETON
GOURLAY
BRECKENRIDGE
LIZAR
Hambleton
Fox
Wolf
Fisher
Middle
Sugar
Marten
Lynx
JOHNS
ODLUM
Moose
Eagle
STRICKLAND
NAMEIGOS
MOSAMBIK
K7
K7 South
COMMON
TEDDER
Highway
White River
HUNT
HWY 17
ABRAHAM
COOPER
DOUCETT
0
5
kilometers
Scale 1:250,000
HARTE GOLD CORP
Harte Gold Corp.
Date: 2019-09-10
Author: DBS
Office:
Drawing:
Scale: 1:250000
SUGAR ZONE PROPERTY
Showings & Claim Locations
Projection: UTM Zone 16, Northern Hemisphere (WGS 84)