

Report on the Summer-Fall 2014 Geological Mapping and Prospecting on the Sugar Zone property, Dayohessarah Lake area, White River, Ontario

Prepared for Harte Gold Corp.

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J. Laarman, Ph.D, P.Geo

R.S. Middleton, P.Eng

N.R. Forslund, M.Sc, G.I.T.



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1 *Summary*

In the summer and fall of 2014, Harte Gold Corp. performed a geological mapping and prospecting program on their Sugar Zone property (“the Property”) located in the Dayohessarah Lake area, north of White River, Ontario. Geological mapping and prospecting was performed between the dates of June 24 and October 22, 2014. A total of 120km of lines were mapped and prospected with 1813 waypoint stations taken and 571 samples analysed.

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

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

The 2014 exploration program was designed in multiple phases. The first phase included a geophysical survey on the Dayohessarah grid, and this was accompanied by the onset of a detailed geological mapping and sampling program. A 45 hole diamond drill program comprised the second phase of exploration and this targeted several IP trends across the Property. A second geophysical survey extended coverage further north, west and south of the phase 1 geophysical grid. The second phase of drilling concentrated on the Sugar Zone itself.

2 **Introduction**

2.1 *General*

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

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

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

On June 28, 2010, Harte entered into an Option Agreement to acquire three mining claims contiguous to the claims previously held. In November 2010, eighty-three additional unpatented mining claims were staked around the Sugar Zone Property in order to provide a buffer zone around the core mining claims.

This report has been written to summarize the geological mapping program occurring between June 24th and October 22nd 2014 by Harte Gold Corp. on the Sugar Zone Property.

2.2 Data Sources

All works cited in this report are included in section 12.

3 Property Location and Description

3.1 Location and Access

The Sugar Zone Property is situated approximately 25 km northeast of the Town of White River (Trans-Canada Highway No. 17) and 60 km east of the Hemlo gold camp. The Property is approximately equidistant from Sault Ste. Marie to the south-east and Thunder Bay to the west (Figure 1). The overall Property encompasses NTS zones 42C/ 10, 11, 14 and 15 and the gold mineralized occurrences are exposed at Latitude 48°48' north, Longitude 85°10' west. The property covers parts of the Odium, Strickland, Gourlay, Tedder and Hambleton Townships, and falls within the Sault Ste. Marie Mining Division.

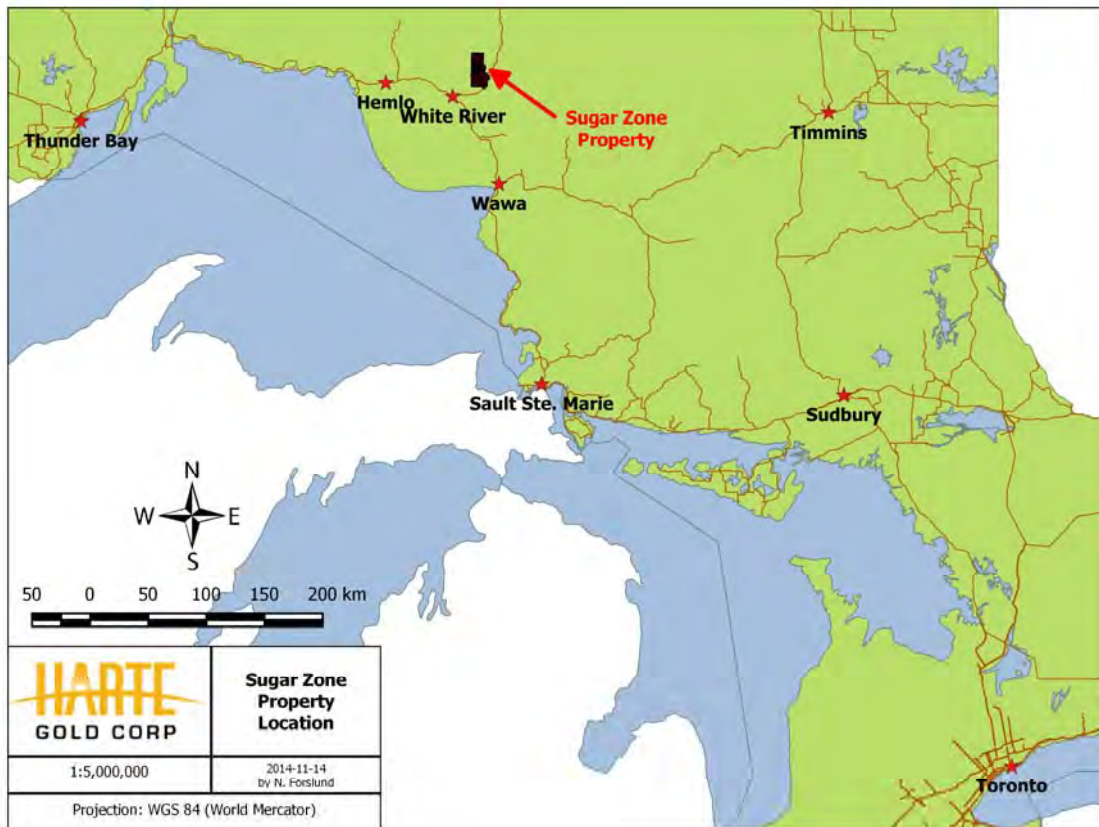


Figure 1 - Property location

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.

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 20 km from Highway 17 and provides access to the western and southern portions of the property. Road No. 300 intersects Road No. 100 36 km from Highway 17 and provides access to the very northern portion of the Property. Road No. 305 intersects Road No. 300 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.

3.2 Description of Mining Claims

The Sugar Zone Property consists of 415 unpatented, unsurveyed, contiguous mining claims comprising 1,839 claim units, and covering approximately 29,700 hectares (Appendix A). All claims are held in the name of Harte Gold Corp., except for SSM 4228496, 4228497 and 4228499, 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.

The Property comprises the following unpatented mining claims: SSM 937765 – 768, SSM 937770 – 772, SSM 1043698, SSM 1043701 – 712, SSM 1043715 – 717, SSM 1043803, SSM 1043806 – 812, SSM 1043814 – 828, SSM 1044094 – 097, SSM 1044100 – 103, SSM 1055500 – 543, SSM 1055576 – 589, SSM 1069100, SSM 1069120 and 121, SSM 1069186 – 194, SSM 1069196 – 199, SSM 1069300 – 350, SSM 1069352 – 376, SSM 1069378 – 391, SSM 1078243 – 259, SSM 1078265 – 277, SSM 1078314 – 319, SSM 1135498 and 499, SSM 1140638 – 649, SSM 1140658 – 660, SSM 1174765 – 766, SSM 1182993 and 994, SSM 1183012 – 021, SSM 1194337, SSM 1194339 and 340, SSM 1232640 and 641, SSM 1235594 and 595, SSM 3012217 – 218, SSM 3018389 – 393, SSM 4201064 – 067, SSM 4201069 – 071, SSM 4201074 – 081, SSM 4201082 – 093, SSM 4228496 and 497, SSM 4228499, 4260601 – 683, and SSM 4267212. All claims are within the Sault Ste. Marie Mining Division of Ontario.

3.3 Physiography and Vegetation

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

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

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 bouldered 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.

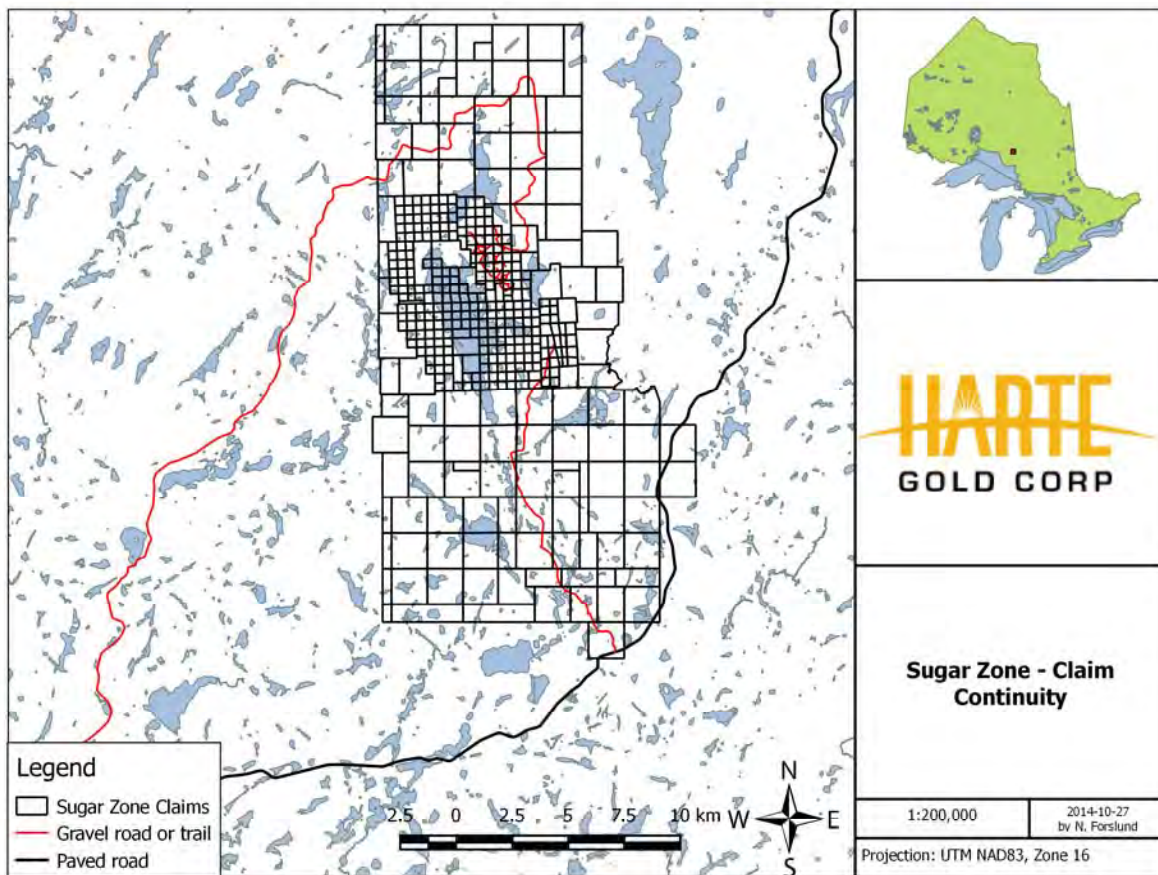


Figure 2 - Claim continuity map. See Appendix E for detailed map.

4 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 1,500m.

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

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

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

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

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

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

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

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

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

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

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

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

2011 Between May and June 2011 two more grids totaling 60,800 meters were completed over the fold nose near the north end of the of the Sugar Zone Property, on the west side of Hambleton Lake. Follow up ground IP was completed on the grids by JVX Geophysical Surveys. A small 5,200 meter grid was also cut and ground IP completed on the west side of Dayohessarah Lake, in an attempt to outline a Gossan Zone.

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

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

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

In an effort to understand the source of the Peacock boulders, thin sections of three Peacock boulder samples were sent to Pleason Geoscience for analysis. The boulders returned assay values of 87.30 g/t Au, 52.80 g/t Au and 37.20 g/t Au. It was noted that the mineralogy and microtextures of the samples were similar to gold-bearing zones at the Hemlo and Musslewhite 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 0.56g/t Au to 162g/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 0.73g/t.

4 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 2.77g/t Au to 28.5g/t Au over widths from 0.35m to 8.27m.

5 Geological Setting (Previous work)

5.1 Regional Geology (Stott, 1996 and Stott, 1999)

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

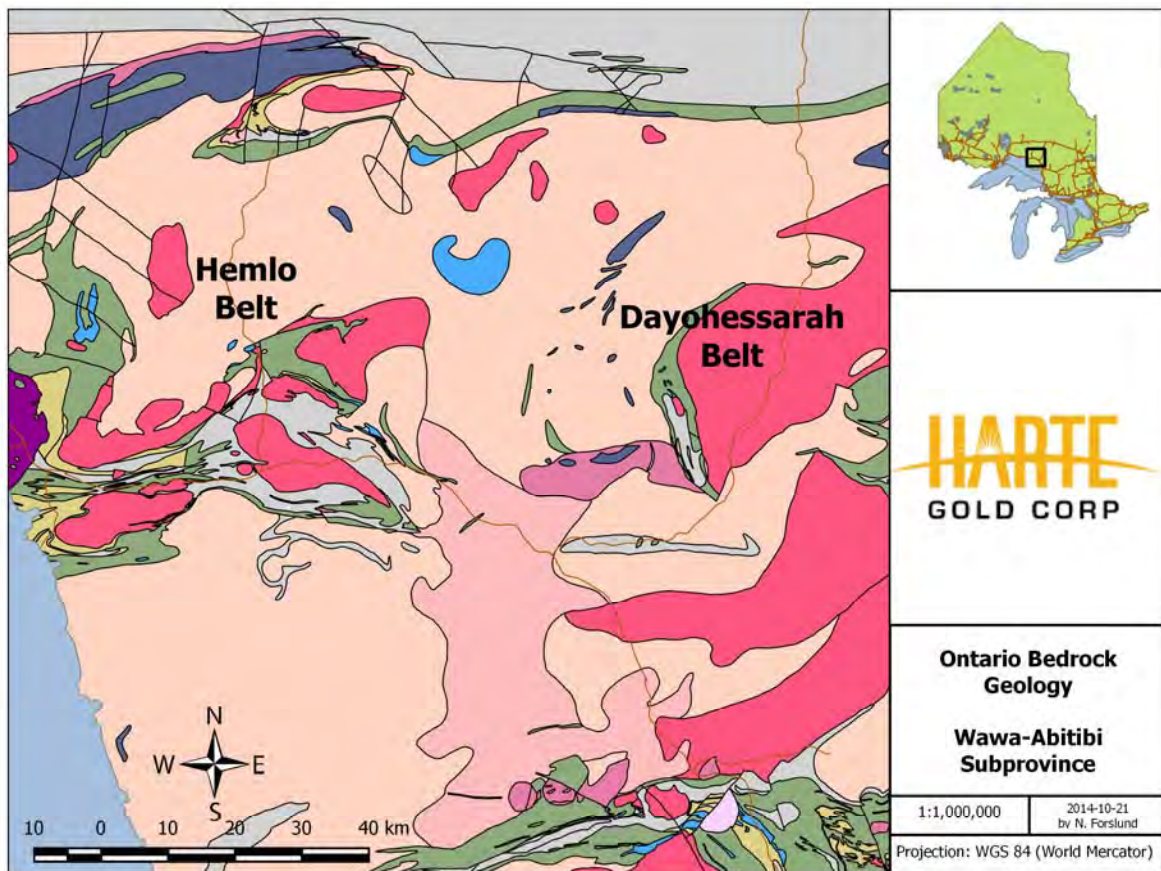


Figure 3 - Regional geology of the area.

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).

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.

5.2 Property Geology (Stott, 1996; Stott, 1999, Hunt, 2009 and Shegelski, 2014)

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.

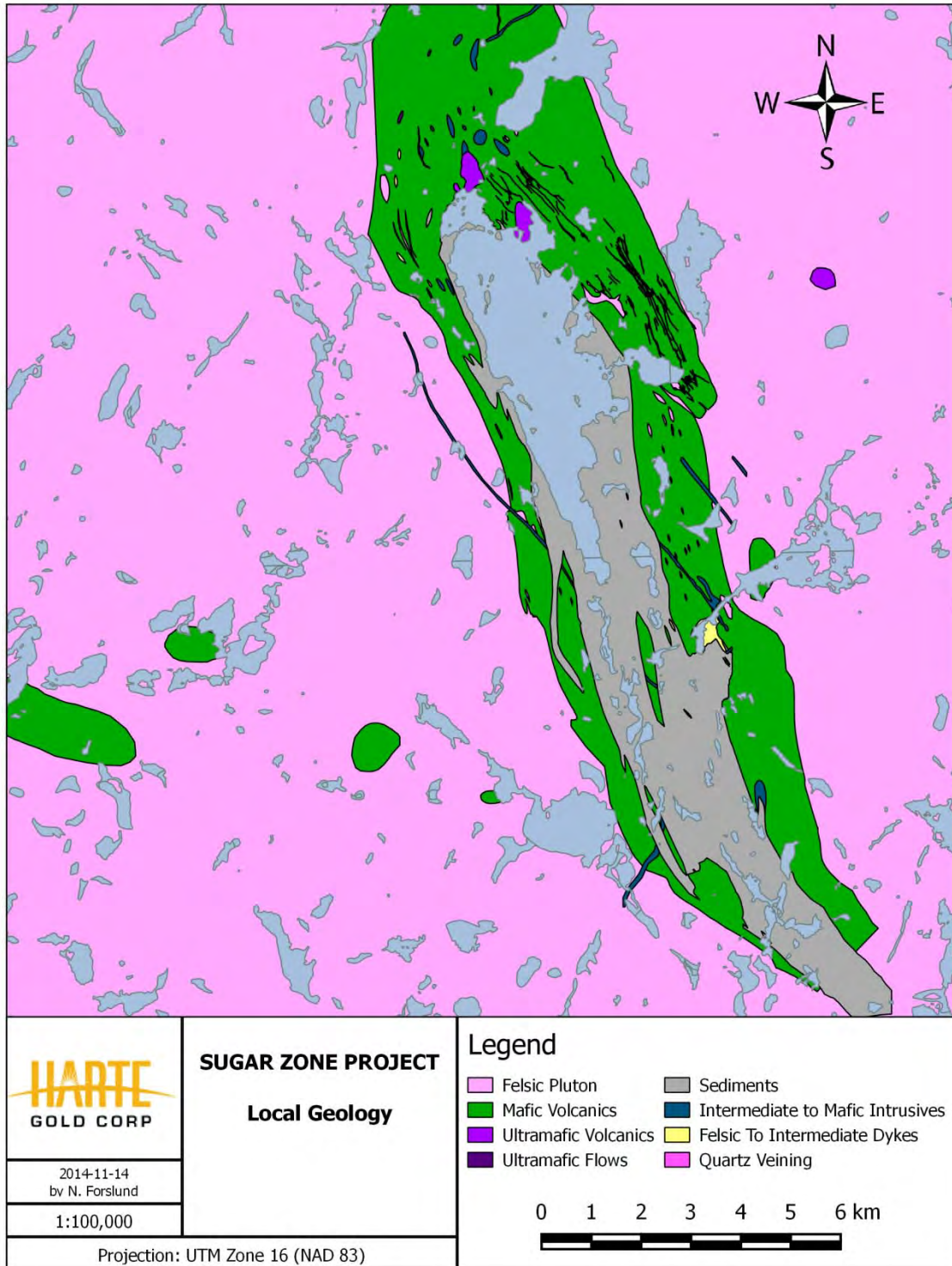


Figure 4 - Property geology map.

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 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.

6 Mineralization (Hunt, 2009, Shegelski, 2014 and Middleton et al., 2015)

6.1 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.

6.2 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 gabbros. 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 gabbros.

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.

7 Geological mapping results for 2014 (this report)

7.1 Geology

Geological mapping and prospecting was performed between the dates of June 24 and October 22, 2014. The area mapped consists of a grid that runs along a strike of 140 degrees for 4.4 km from line 16200N to 11800N and starts along an easting from 1300W at its maximum to 500W at its minimum due to the various inlets of Dayohessarah Lake at the west end of the grid. The lines mapped continue to up 1800E at its maximum to 700E at its minimum. So about 4.4km by 1.7 to as much as 3km an area. A total of 120km of lines were prospected with 1813 waypoint stations taken and 571 samples analysed. Field notes are in Appendix B and assay certificates are in Appendix C. Results of the mapping are in Appendix E. In addition to mapping, detailed structural geological investigation was performed by Roy Shegelski of which there is a report of that work in Appendix D.

From the NE to SW, the stratigraphy consists of granite, mafic volcanic, mafic volcanic with X-cutting feldspar porphyries, Wolf-Sugar Zone feldspar porphyries in mafic volcanic, mafic volcanic with iron formations, synvolcanic gabbro and ultramafic, mafic volcanic (north grid) with minor felsic volcanic and metasediment, gabbro and ultramafic and biotite granite (lines 12100N to 13300N grid west of baseline on shore of Dayohessarah Lake). After the granite, the mafic volcanics are the oldest in the package and successive units top to the west toward Dayohessarah Lake. The map area north of the baseline and to about 400W consists mostly of mafic volcanic with lesser X-cutting feldspar porphyries and felsic dikes. There are more prolific feldspar porphyry dikes in the vicinity of the Wolf and Sugar Zones. Iron formations run along strike near the baseline. There are mafic volcanic further west of the baseline followed by gabbro/ultramafic, then mafic volcanic with sulphide facies iron formation, minor felsic volcanic and metasediment, komatiite/ultramafic and then gabbros and mafic volcanic. This represents a classic magnesium and iron tholeiite mafic volcanic sequence with some sheared, quartz vein-bearing feldspar porphyry mineralized zone like Wolf and Sugar deeper in the mafic volcanic sequence. Toward

the east shore of Dayohessarah Lake, mafic volcanics and gabbros are topped by felsic volcanic before contact with metasediment. Then there are new sequences with komatiite and ultramafic units at the base followed by gabbros and mafic volcanic higher up in sequence. The contact between the upper mafic volcanic with felsics and komatiite in the next cycle are marked by sulphide facies iron formations as observed from lines 13700N to along an inlet to 15300N at about 500W. All units are foliated about 140 to 160 degrees and dip 58 to 75 degrees to W and steepen to vertical to east dipping further past 300W to 1300W in the fold nose area from lines 15400N to 16200N grid west of the baseline. Lineations in the Wolf zone are observed to be 65 to 70degrees W and similar to shallower in the Sugar Zone. The mafic volcanics are metamorphosed to either greenschist to amphibolite grade. Most of the rocks are observed to be chloritic and contain needly dark amphibole in the amphibolitized suites. Sometime later, there was shearing and quartz veining in the zones with mineralization. These are probably related to intrusion of the granite stock to the east end of the property. There are sometimes late felsic dikes observed that are really small and non-foliated/late that X-cut the mafic rocks. Diabase dikes are the latest event. They are Matachewan and X-cut the Sugar Zone and other areas of the sequence. A table of lithologies observed is below (Table 1).

Table 1. Lithologies observed on the Sugar Zone property

Mafic volcanic

This is the dominant lithology on the property. Mafic volcanics are green to green-grey and aphanitic to fine grained in size for pillowed flows and fine to medium grained in size for massive flows. There are often red up to 0.5cm wide garnets in pillow selvages of pillowed flows. The volcanics always present a foliation fabric with a strike of about 140 to 160 degrees and in this area of the property, commonly dip 58 to 70 degrees to the west. Most of the mafic volcanics are chloritic and therefore are in greenschist facies, however, some contain green, acicular actinolite to green-black acicular hornblende at amphibolite facies. Amygdules were not common in outcrop. Commonly, the mafic volcanic contain sheared less common, thin less than 1cm wide to few cm-wide felsic bands which are probably sheared felsic intrusive or feldspar porphyries in the sequence. In some strippings like the Peacock Trench, it is seen that massive flows are overlain by pillowed flows and in turn pillow breccias. There's a sheared interflow sulphide zones with garnets and the next sequence starts again with massive flows at the base.

Gabbro/pyroxenite

This unit is commonly found as lots of outcrop in one area as plugs and as large ridges, synvolcanic within the sequence. Gabbros are dark green to black with medium to coarse grain sizes. There are amphibolitized coarse grained pyroxenes, that when non-foliated are haphazard in orientation, especially in pyroxenite. Feldspar is lesser in abundance in these mafic rocks to about 40% or less.

Ultramafic

Ultramafic rocks occur at the east end of Dayohessarah Lake as synvolcanic plugs. They occur either as fine to medium grained, cumulus olivine intrusions or aphanitic to very fine grained, green-brown komatiite flows. Spinifex textures are present in komatiites on "Spinifex Peninsula" and in some komatiite boulders at the north end of Dayohessarah Lake.

Feldspar porphyry

This is another common lithology in the sequence, second to mafic volcanic, though smaller in size. Feldspar porphyry dikes or sills are usually 5cm to up to a few metres in width and occur up to a few hundred metres along strike. The units are interfoliated with the mafic volcanics. They are fine grained, foliated with biotite along foliation and contain white, porphyritic feldspar. Since they are commonly foliated with basalts, they can probably be called sills rather than dikes. When sheared, there is alteration to diopside-biotite and intrusion of late quartz veins that are crack seal and often contain gold in certain areas like the Sugar Zone, Middle Zone and Wolf Zone. Although gold is found in some sheared feldspar porphyries, often other sheared feldspar porphyries are not gold bearing and there won't be gold in a non-sheared/altered porphyry.

Granite/granodiorite

There is a late stock of foliated granodiorite to granite that is foliated with coarse feldspar and quartz that is usually white in colour. Mafic minerals are biotite or hornblende. Often the feldspar-quartz association is graphic in appearance. This unit is sometimes non-foliated. Boulders of this unit are located throughout the property. On the east shore of Dayohessarah Lake there is a pink coloured, coarse grained, late biotite and feldspar granite.

Metasediment

This is a very minor unit located in a contact zone with mafic volcanic at the north end of the grid between lines 13300N and 15800N grid west of the baseline. The metasediments are greywackes that are commonly bedded or silicified.

Felsic volcanic

Another minor unit and parallel the metasediments on the east side in the contact area. These units have an ash to crystal tuff composition, are white in colour and are foliated. There is common sericite-biotite alteration at the east end of Dayohessarah Lake to coarse muscovite at the west end of Dayohessarah Lake in the vicinity of the Gossan Zone prospect. Rusty weathering due to oxidation or sulphide is common in the unit.

Iron Formation

Sulphide facies iron formation and those with magnetism occur periodically in the packages as formations along a strike length. There is lots of pyrite sulphide with quartz veins in the iron formation along the baseline between lines 14700N and 15600N. The units contain below anomalous ppb Au.

7.2 Whole rock geochemistry

Over the course of the summer/fall/winter geological prospecting and drilling, samples have been taken of various lithologies representative of the Dayohessarah stratigraphy. Samples were taken of ultramafic rocks, pyroxenite, gabbro, mafic volcanic, diabase, intermediate volcanic, metasediment and granite. When plotted on a Jensen (1976) diagram, the rocks plot on all trends of a komatiite trend, a tholeiite trend and a calc-alkaline trend (Figure 5). There are seven komatiite rocks that were sample from serpentinized ultramafic fragment in the diatremes of the Wolf Zone holes, the ultramafic units of the contact zone holes located in the fold nose area at Line 15500N 580W and from komatiite outcrops on surface by "Spinifex Peninsula" on the eastern shore of Dayohessarah Lake. Four of these from the

Jensen (1976)

Symbols & colours by ID_check

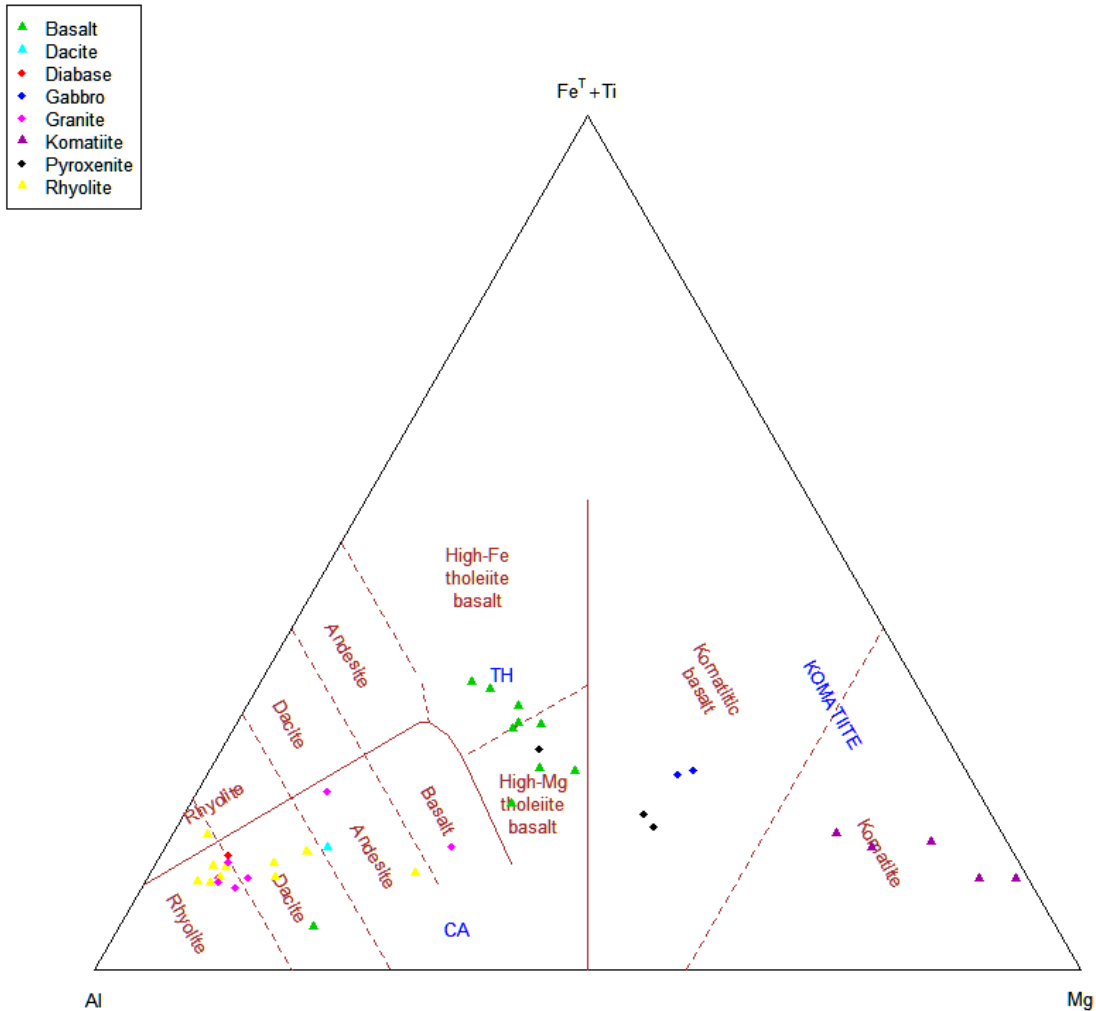


Figure 5. Jensen cation plot of whole rock samples from the Sugar Zone property.

serpentinized fragments and contact zone plot as High Mg komatiites with 33 to 36 wt. % MgO. The other three taken from "Spinifex Peninsula" and one from contact zone core plot as low Mg or basaltic komatiites with 23 to 26 wt. % MgO. These demonstrate evolution from most primitive to evolved komatiite in the sequences. There are also two gabbros and two pyroxenites that plot in the komatiite basalt field with 15 wt. % MgO and higher FeOT.

For the mafic volcanic, the bulk of the units taken from drill core demonstrate a tholeiitic trend from both high Mg basalts to high Fe basalts. Typically, the high Fe basalts plot higher in sequence. There is also a calc-alkaline trend from basalt to andesite/dacite to rhyolite. Many samples were taken of the felsic volcanic or rhyolite at the contact zone or fold nose area. Therefore the sequence changes from lower Mg and Fe basalts to calc-alkaline rhyolites at the top of the stratigraphic sequence. Notably the felsic volcanic and metasediment are in turn overlain by komatiitic and ultramafic flows. This is a typical basalt to felsic volcanic sequence like the Tisdale Group to higher Porcupine sediments that is seen in the

Timmins gold camp (Pyke et al., 1978). Overlying the metasediment would be the next komatiite flow at the base of the sequence.

8 Detailed log of Geological Mapping and Prospecting in 2014 (this report)

Mapping and prospecting - months of June and July (R. S. Middleton)

Geological mapping began June 24 with Jordan Laarman going to the North east sector (14200N to 15300N, north east of BL 1000E) to determine if there was any outcrop and there was many new outcrops present. He was joined by Dan Ferraro and Matt Husslage on July 3rd who went to the south east sector (lines 12700N to 13900N, from BL 0+00 (9800E), to TL 1000E (10800E). Numerous outcrops were documented and samples are in the system being analysed with ICP. Dan Ferraro departed July 10 and Mapping of this south east sector continued with both Matt Husslage and Jordan Laarman. On July 17 Nathan Forslund arrived to work with Matt Husslage to map the south east sector and Jordan went back to the north west area south west of the north east sector so that we could get the maximum coverage of geology (BL 9800E or BL 0+00) to TL 1000E (10800E). The geological mapping in both areas located many new outcrops with sulphides and porphyries, which will get exposed when a backhoe reaches these places. The backhoe was brought in mid July to make trails to drill sites and level drill sites, and initially made trails to the north east part (lines 14500 to 15300), and now has traversed south east across most of the IP trends starting on the access road, near 14200N down to 13800/400E.

North East Sector continued

Trails were put in for drill sites on lines 14500N, 14600N, 14900N and this trail continues north to the 15000N-15100N area. The clearing of overburden which was a boulder till on line 14600N at 1350-1400E exposed 2-3 quartz veins of .5m to 1.5 m and two porphyry zones adjacent to the veins. The porphyry is identical to sheared porphyry in the Wolf zone and Sugar zones. Also large chunks of altered volcanic are sandwiched in the shear system with bright green colouration possibly chrome alteration of micas making a pseudo fuchsite assemblage. A large chlorite schist, now hornblende schist occurs between the two veins and two porphyries, and these two are 30m apart. It is possible given the similarities of all these porphyry related systems that a "Peacock style shear zone" may flank this zone on 14600N or occur somewhere along it as in the case of the Wolf zone. The quartz vein is rusty and has a crack seal chlorite stripe nature which is a favourable style of gold vein. Holes were planned and later drilled for 14600N, 14500N and 14900N with a back up hole on 14600 and 14500N if the units look favourable. The hole on 14900N could be extended to hit the regional shear.

Northwest Sector (Wolf Zone Area)

It has been observed that the Wolf Zone contains a quartz eye porphyry along the west flank of the zone with a sharp contact with the mafic dark green – black volcanics. The zone dips west at -70W and plunges steeply south. Examination of the drill core (hole 3) has found zones of folding and alteration identical to the Peacock boulders. Fine grey silica and fine disseminated pyrite coincide with the best gold values. A large flake of molybdenite was observed in some unsplit core. A total of 36 pulps have been delivered to the lab for ICP analysis. A list is attached with the contained gold values. It is expected that tungsten, molybdenum and arsenic will report as pathfinders since pieces of nearby float have these elements. It has also been observed that some sections should have been split and a complete review of this core will be done in the course of the program to see if additional sampling is required and to bring the previous classifications into today's terminology. The IP anomaly 100m south west from Wolf needs to be drill tested and this and Wolf are two possible sources of the Peacock boulders as well as the new zone in the North east. For other results, a few Peacock trench samples were taken yielding 0.56 g/t Ag

with 1050 g/t Zn and another 2230 g/t Cu with 0.92 g/t Ag. Other samples were taken of below anomalous gold on an iron formation near 14700 to 14800N at the baseline. The Peacock boulders and Wolf trench were also sampled with results in the field notes.

Southeast Sector

This area was being mapped in detail by Matt Husslage, Dan Ferraro, Nathan Forslund and Jordan Laarman and the drill trail crosses most of the IP anomalies at this time and one clearing has been made near Line 13800-400E where dikes and a sulphide zone occurs. Samples were taken at the 13800N 400E sulphide occurrence yielding results of 0.161 g/t Au, 0.115 g/t Au and 0.143 g/t Au with 1.73 g/t Ag. Traverses along the IP trends were done between July 28 and 31st to mark the drill sites and locate areas where the IP zone may be exposed with the backhoe. The Sugar Zone and "Fat Albert" areas between lines 13500N and 12700N grid east of the baseline to the tie line at 1000E were mapped in detail by Matt Husslage and Dan Ferraro. A few samples of the Sugar Zone at 12900N, 240E yielded 0.154 g/t Au with 2.63 g/t Ag and 3210 g/t Zn; 0.413 g/t Au and 0.505 g/t Au.

Conclusions: The Peacock Boulders may have come from as many as 3 sources, Wolf Zone, an anomaly flanking the Wolf Zone, and the IP trend in the northeast. Wolf extends southeast another 1.5 km. Sugar may extend northwest to be adjacent to Wolf Zone.

Addendum: Initial observations, July 8, 2014 for Northeast and northwest sectors

Today (July 8, 2014) I (Jordan Laarman) prospected down line 14600N from 575E to where this line hits the drill trail. Then I went up the trail from where 14600 hits the trail to the entrance to the Wolf trench trail. On the trail going North from line 14600N to where the trail hits the Wolf trench trail, I've seen some large up to 1.5m wide beige-pink sericitized and sulphidized shear zone boulders that contain sulphidized quartz veins and bordering lamprophyre dikes. These boulders contain stringer very fine grained pyrrhotite, pyrite and lesser chalcopyrite in purple muscovite alteration. In these samples muscovite is interbanded with a dark to aqua green mineral alteration. This green alteration is found along with black, probable hornblende. A paper from Pan and Fleet (1989) discusses some Cr-bearing alteration minerals that are associated with amphibolite-hosted gold deposits. A quartz vein sample at the same location as this green and purple-altered sheared rock also contains this green alteration. This area seems to be one large shear zone with a good sericitic alteration halo. In one sample, porphyritic feldspars were observed jutting along the foliation in this sericitized, sulphidized rock. This same zone probably lines up with a boulder of the same rock on line 14600N at 425E. On line 14600N, an old drill collar for WZ-10-14 Az. 50 Dip 65 has been located at 475E. Notably this is north of the observed zone and drills toward the Wolf Zone anomalies. Therefore, it misses the zone at 425E with the sericitic, sulphidized sheared rock. Therefore, it is recommended this zone should be targeted in the upcoming drilling. Notably the Peacock boulder showings are similarly sericitic altered, sulphidized and sheared. The rocks south of these sericitic rocks on found on the trail are gossans in pillow basalts which are not different than the Peacock mineralization. It is noteworthy that the Peacock boulders are also very micaceous, just like the boulders at this zone on the trail. It could be that the Peacock boulders have been derived from this zone since at the Peacock trench, this sericitized, sulphidized shear zone has not been observed. It is noted that the sericitized boulders on the trail are probably within metres of the original outcrop location. Drill collars WZ-10-18 and WZ-10-19 were located in a breccia unit north of some sericitized, mineralized boulders that are between the trail on line 14500N and these collars. This same breccia unit was observed on the trail north of the sericitic-sheared-sulphidized boulders. Therefore, a sericitic shear zone has been missed with holes located and drilling north of the zone. (On a later date,

results from these float samples were returned with the anomalous contents of 0.368 g/t, 0.158 g/t, 0.260 g/t, 0.106 g/t, 0.386 g/t, 0.113 g/t, 1.36 g/t, 0.358 g/t and 2.83 g/t Au.)

Similar close boulders have been found close to source rock at an upper set of anomalies close to the mafic volcanic-granite contact. These similar micaceous and stringer pyrrhotite-pyrite mineralized floats occur close to a gossan found on the trail between lines 14200 and 14300N. Therefore, another mineralized and prospective zone occurs along this set of anomalies. It is noteworthy that the boulders are located close to the source as at the trail between line 14600N and the Wolf trench trail. It is therefore suggested that many of the rusty boulders are closer to their source than originally thought.

Another prospective target has been located at around 775E on line 14500N where some more mineralized, sericitic and sheared boulders have been located again along the trail.

These observations still have to be fine tuned with the IP anomaly information. From a first pass, there is one small IP anomaly trend that is observed on lines 14700 to 14500N at around 425E where the mineralized boulder is located on line 14600N. It is recommended one should plot UTM information from the road and other waypoint samples to match with IP anomalies to verify the location of these prospective targets.

Mapping and prospecting - month of August

In the beginning of the month around August 6, a trail that runs through some of the hole spots from lines 13300N to 13200N from 540E to 425E was prospected with samples taken. Recently results were returned that were below anomalous. From August 11 to 12, the excavator uncovered a new zone discovered by Matthew King and Jordan Laarman with samples of arsenopyrite taken in quartz, sheared feldspar porphyry and mineralized mafic volcanic that were anomalous to up to 2 to 4g/t Au and high arsenic returned. These include floats of 0.783 g/t Au with 2.28 g/t Ag, 1960 g/t As and 2740 g/t Zn; floats of 3.92 g/t Au with over 10000 g/t As, 1.4 g/t Au with over 10000 g/t As; and floats of 0.181 g/t Au with 22.3 g/t As, 0.137 g/t Au with 55.7 g/t As and 0.129 g/t Au with 12.7 g/t As. Nearby feldspar porphyry, sulphide in quartz and micaceous volcanics in outcrop also returned anomalous Au with samples of 0.131 g/t Au, 0.149 g/t Au and 0.653 g/t Au with 28.4 g/t As. The area was followed up some more from August 13 and 15. On August 14, a string of large anomalies in the south part of the grid known as "Fat Albert" was flagged for drill access and holes spotted. A trench on line 12900N between 500 and 600E was made. A sample of sulphide was taken. On August 16, the excavator uncovered micaceous and sulphidized boulders along an IP trend from lines 14600 to 14800N at 275E which look like Peacock. Although results were returned yielding no anomalous Au. Also, drilling on this trend was not successful in identifying a zone on that easting. On August 17, the new zone between lines 13300 and 13500N at 300E was traced out and hit on every line from 13400 to 13200N between 321 and 275E. Bedrock samples from 13400N to 13200N along strike yielded 0.489 g/t Au, 0.655 g/t Au with 134 g/t As, 0.316 g/t Au, 10.9 g/t Au with 472 g/t As, 2.76 g/t Au with 354 g/t As and 0.500 g/t Au with 24.8 g/t As in that order. This is an area of further interest for drilling. Recent drill core results have returned assays of 2g/t samples and 0.5g/t over a few metres in one of the holes. On August 18, new grid lines of 15400N and 15500N were mapped and prospected. One notable sulphide float on 15500N at 270E had pyrite-pyrrhotite sulphide throughout and was very micaceous like Peacock, although it wasn't anomalous for Au. Lines 15600N and 15700N were mapped August 20. On August 24, sulphide floats were located at a hole spot south of 13200N at 250E with samples taken, one sample yielding 0.423 g/t Au. Toward the end of the month, a few lines 11900N and 12200N were started for mapping and prospecting. An old trench at 11900N at baseline was examined for a prospect of arsenopyrite.

Mapping and prospecting - month of September

From September 1 to 2, lines 15600 to 15900N on the north grid were mapped and prospected. There is a main mafic volcanic to the north of the tie line and a large gabbro south of the tie line on these lines. A sulphide float in micaceous unit was noted between 15700 and 15600N near the baseline. The rest of the first week of September there was a little bit of sampling at Fat Albert 13100N, 13000N and 12900N and also the target at 15000N at 375E. The 15000E target was in turn drilled. Grabs were taken of mica alteration and quartz veining with sulphide, although no anomalous results were returned. From September 16 to 21, the Southern grid east of the baseline from lines 12600N to 11900N was mapped and sampled. A large effort was put in tracing out and sampling new sheared feldspar porphyry and sulphide zones in the Sugar Zone and to the northeast toward Gagagenna Lake. 17 samples were submitted for rush. Though results were returned with no anomalous Au and other elements. A Sugar zone sample at 12400N, 220E yielded 0.085 g/t Au, 3.15 g/t Ag, 1140 g/t Zn and 537 g/t Pb. On September 19, while prospecting on line 12600N, samples were taken of a Sugar Zone feldspar porphyry shear zone at 215E and a feldspar porphyry with quartz vein at 225E. The sample at 215E yielded 0.186 g/t Au with 1.32 g/t Ag and the 225E sample yielded 277 g/t Au with 71.3 g/t Ag, 13.8 g/t As, 2460 g/t Pb and 1190 g/t Zn. On September 20, a quartz vein was sampled on line 11900N at 125E yielding 10g/t Au with 2.04 g/t Ag. This was later followed up on strike in October. From September 21 to 30, the south grid west of the baseline was mapped. Some of these lines had new extensions close to Dayohessarah Lake. A large mafic intrusive body covers much of the lines and a number of sulphide floats were sampled. Two floats between 11900N and 12000N near 500W by a pond yielded 5440 g/t Zn with 0.83 g/t Ag for one sample and 2.92 g/t Au for the other sample. A float nearby to the west yields 0.103 g/t Au and 1390 g/t Zn. The granite on the east shore of the lake was mapped and sulphide floats of metasediment were sampled. One float on line 11800N at 1190W yielded 0.381 g/t Au. These may be related to mineralization near the contact of metasediment with mafic volcanic. The metasediments were located on lines 13000N and 13100N. During this time from September 22 to 25, IP and mag trends on the North grid west of the baseline from lines 15400N to 15900N from 500W to 400W were followed up for the near the contact of the metasediment with mafic volcanic. Samples were taken of sulphide gossans in mafic volcanic and also whole rocks for felsic volcanic in the area. Other progress during this month includes line cutting from lines 12600N to 11700N on the South grid to the east of baseline from 000 to 750E and from these same lines west of the baseline with some lines being cut to 1300W.

Mapping and prospecting - month of October

From October 1 to October 22, 2014, lines 13300N to 16200N grid west of the baseline were traversed, mapped and prospected. Jordan Laarman was joined by Ron Joly at this stage in the effort of finishing the rest of the new grid and finding new prospects that would warrant follow up drilling. Early in the month on October 4, float samples were taken along the trail just west of the baseline by line 13700N with samples yielding 0.281 g/t Au, 1.62 g/t Au and 0.502 g/t Au. Another float on the trail by line 13900N yielded 11.3 % Zn. These floats show potential for a zone located between the Wolf and Sugar Zones up ice in the area of two ponds. The Gossan Zone on the west shore of Dayohessarah was prospected, a high grade 277g/t gold showing was followed up on and sampled along strike and a 10g/t gold showing was prospected along strike. Lines 13300N to 14200N grid west of the baseline were relatively scant for outcrop, and floats were noted as much as the bedrock. One float on line 13600N at 225-235W yielded 0.240 g/t Au. A large boulder on line 13800N way down at 1150W on a peninsula yielded 0.435 g/t Au, 1.55 g/t Ag and 169 g/t As. Other samples at the same location also ran high in As.

Line 14300N had a good cross section through the stratigraphy. From west to east from the Dayohessarah lake shore to the baseline, there is mafic volcanic with an FP dike X-cutting the unit moving east, followed by more mafic volcanic. There is one small 30cm wide felsic shear zone that probably matches 250W (9550E) on line 14400N. Further east, the mafic volcanic is followed by gabbro and there are large metre wide felsic intrusions in the unit. On line 14400N, the small sheared felsic unit at 250W (9550E) was sampled and returned with no significant values. 14600N had lots of gabbro and ultramafic. Outcrop of felsic volcanic was noted on line 14700N 205W (9595E) near the shore of a long narrow inlet of Dayhessarah Lake. The same felsic volcanic is found on lines 15100N, 15300N, 15400N and 15900N to 16100N roughly along strike. Much prospecting of the felsic volcanic was done on 15300-15400N and from 15900 to 16100N, although there were no anomalous contents. Recent drilling of CZ-15-01 on line 15500N intercepted a felsic sericite schist down the depth of the hole. Results are pending for this hole. Other than minor sediment and felsic volcanic, the bulk of the rocks from lines 14100N to 16100N west of the baseline contained gabbro and ultramafic rocks and mafic volcanic toward the baseline. There are areas of feldspar porphyries and other small felsic units that were sampled, but weren't anomalous for Au. An interesting area prospected was from lines 15800N to 15900N just west of the baseline at around 115W (9685E) around some historical trenches in the area. There were sulphide samples that yielded anomalous Sb, W and As contents -anomalous Sb which has only been seen there on the whole property. The result include one sample with 0.193 g/t Au, 42.2 g/t As, 1.29 g/t Sb and 27.1 g/t W and another running at 0.131 g/t Au, 81.7 g/t As, 0.7 g/t Sb and 21.6 g/t W. These are favourable pathfinders for a Hemlo-style gold deposit, as would be seen in felsic sericite schist units.

The Gossan area was prospected for 2 days. The Gossan prospect was resubmitted and yielded 6 to 9 g/t Ag in some samples. There was also elevated Mo, As contents. Results of the prospecting returned 9.27 g/t Ag, 0.077 g/t Au and 907 g/t Mo for the Gossan occurrence. Other samples yielded 1.3 g/t Ag with 31 g/t Mo, 1.99 g/t Ag with 7.45 g/t Mo and 0.32 g/t Ag with 27.1 g/t Mo and 8.1 g/t As. A sample of the sericite schist that was uncovered and followed NNW along strike yielded 0.569 g/t Au with 2.21 g/t Ag, 3.45 g/t Mo and 3.6 g/t As. A second area of felsic, sulphide-bearing rocks was prospected 800m NNW of the Gossan showing which yielded no anomalous Au contents.

The last areas prospected were the 277g/t Au occurrence on line 12600N 225E at the Sugar Zone and the 10g/t Au occurrence on line 11900N at 125E at the Footwall Zone. The 277g/t Au showing was prospected along strike between lines 12600N and 12700N at this easting and yielded results of 25.1g/t Au with 5.05g/t Ag, 2.82g/t Au and 0.176g/t Au with 6.76 g/t Ag. The 10g/t Au quartz vein was prospected along strike toward 11800N and a 70cm wide quartz vein was discovered at the northeast end of an old trench which yielded 11.5g/t Au with 3.8 g/t Ag. This was the site of a previous surface sample occurrence that yielded 76 g/t Au. Recent drilling was done on both these areas with results pending for each.

9 Methodology

9.1 Sample Collection, Preparation, Analyses and Security

The following describes the chip sampling process:

- The geologist or technician chips a sample from bedrock or float and puts it in a sample bag with sample number inserted in the bag.

- The geologist processes the sample by putting enough of the rock (usually the size of a fist) in a bag for laboratory analysis and setting the other half of the sample aside as a keeper or record of the sample.
- The individually bagged samples are placed in rice bags and delivered to AGAT Laboratories in Thunder Bay, Ontario. Chain of command forms are made for AGAT and samples are delivered either in person by Harte Gold staff, or by Greyhound Bus.
- Keepers are stored in a locked pulp trailer at the Harte Gold Corp. office in White River, Ontario.

9.2 Laboratory Methods

Prep (AGAT Code: 221-001)

Samples arrive at AGAT Laboratories at 12 Twin City Crossroads, Thunder Bay, Ontario, where they are received and documented. Samples are dried to 60°C. Samples are crushed to 75% passing 10 mesh (2mm) and split to 250 g using a Jones riffler splitter or rotary split. The split is pulverized to 85 per cent passing 200 mesh (75µm). After drying specific samples are shaken on an 80 mesh sieve with the plus fraction stored and the minus fraction sent to the laboratory for analysis.

All equipment are 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 AGAT Laboratories' quality assurance program.

ICP-OES with ICPMS finish (AGAT Code: 201-074)

All samples underwent an inductively coupled plasma optical emission spectroscopy (ICP-OES) with inductively coupled plasma mass spectroscopy (ICPMS) finish analysis with aqua regia digestion. Prepared samples are digested with aqua regia for one hour using temperature controlled hot blocks. Resulting digests are diluted with de-ionized water. Sample splits of 1 g are routinely used. Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program. PerkinElmer 7300DV and 8300DV ICP-OES and Perkin Elmer Elan 9000 and NexION ICP-MS instruments are used in the analysis. Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte. Detection limits for this technique can be seen in Table 2.

Table 2- Analytes and ranges for the ICP analyses (AGAT code: 201-074).

Analyte	(ppm)	Analyte	(ppm)	Analyte	(ppm)
Ag	0.01-100	Ge	0.05-500	S	0.005%- 10%
Al	0.01%-25%	Hf	0.02-500	Sb	0.05-10,000
As	0.1-10,000	Hg	0.01-10,000	Sc	0.1-10,000
Au	0.01-25	In	0.005-1,000	Se	0.2-10,000
B	5-10,000	K	0.01%-10%	Sn	0.2-1,000
Ba	1-10,000	La	0.1-10,000	Sr	0.2-10,000
Be	0.05-1,000	Li	0.1-10,000	Ta	0.01-1,000
Bi	0.01-10,000	Mg	0.01%-25%	Te	0.01-1,000
Ca	0.01%-25%	Mn	1-50,000	Th	0.1-10,000
Cd	0.01-1,000	Mo	0.05-10,000	Ti	0.005%-25%
Ce	0.01-10,000	Na	0.01%-25%	Tl	0.02-10,000
Co	0.1-10,000	Nb	0.05-500	U	0.05-10,000
Cr	0.5-10,000	Ni	0.2-10,000	V	0.5-10,000
Cu	0.5-10,000	P	10-10,000	W	0.05-10,000
Cs	0.05-1,000	Pb	0.1-10,000	Y	0.05-1,000
Fe	0.01%-50%	Rb	0.1-10,000	Zn	0.5-10,000
Ga	0.05-10,000	Re	0.001-50	Zr	0.5-1,000

AAS (AGAT Code: 201-075)

If gold values above the detection limits are detected with the ICP-OES/ICPMS methods, samples undergo an analysis for overlimit Au by atomic absorption spectroscopy (AAS).

Prepared samples are digested with Aqua Regia for one hour using temperature controlled hot blocks. Resulting digests are diluted to 50mL with de-ionized water. Sample splits of 1g are routinely used. Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Blanks, sample replicates, duplicates and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' Quality Assurance Program. PerkinElmer AAnalyst 400 AAS instruments are used in the analysis.

Fire Assay with ICP-OES finish (AGAT Code: 202-052)

Any samples that contained greater than 1ppm Au with the ICP-OES/ICPMS method were reanalyzed using a lead fusion fire assay with inductively coupled plasma optical emission spectroscopy (ICP-OES) finish. Gold is detected within a range of 0.001ppm to 10ppm.

Prepared samples are fused using accepted fire assay techniques, cupelled and parted in nitric acid and hydrochloric acid. Sample splits of 30g are routinely used.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program. PerkinElmer 7300DV and 8300DV ICP-OES instruments are used in the analysis.

Whole Rock Analysis Fused Disk - XRF finish (AGAT Code: 201-676)

Certain rocks representative of various lithologies on the property were submitted for whole rock analysis. These samples are usually homogeneous with little veining, fractures and oxidation so as to determine threshold geochemistry pre- subsequent gold deformation and mineralization.

For technique, a mixture of lithium metaborate and tetraborate is added to the sample. The sample is heated, and the resulting molten bead is digested in a weak nitric acid solution.

The whole rock analysis is routinely performed alongside the ICP 201-074 analysis to obtain both representative major and trace elements of the samples. Detection limits for oxides analysed are in Table 3:

Table 3- Analytes and ranges for the whole rock analysis (AGAT code: 201-676).

Analyte	wt. %	Analyte	wt. %
Al ₂ O ₃	0.01-100	Na ₂ O	0.01-100
BaO	0.01-100	P ₂ O ₅	0.01-100
CaO	0.01-100	SiO ₂	0.01-100
Cr ₂ O ₃	0.01-100	SrO	0.01-100
Fe ₂ O ₃	0.01-100	TiO ₂	0.01-100
K ₂ O	0.01-100	V ₂ O ₅	0.01-100
MgO	0.01-100	LOI	0.01-100
MnO	0.01-100		

10 Conclusions and Recommendations

A large part of 2014 was an effort to systematically map and prospect the units on the Sugar Zone Property which resulted in a large database of field notes and samples with map produced. At the start of the summer in June-July, the objective was to find and search for the source of certain "Peacock" boulders up ice which resulted in mapping and prospecting in the Northeast and Northwest sectors. A grid was cut from lines 15300N to 12700N from the baseline to about 1900 to 2000E. So lines 15300N to 14100N were mapped and prospected to follow up on these boulders which were located to the west of the Wolf Zone at about 12600N 275E. The results of the sampling were that most of rocks in these sectors were below anomalous for Au with the exception of a series of sericitized sheared feldspar porphyry and mafic volcanic boulders on the drill trail just west of the Wolf zone and also anomalous Au near line 13800N 400E. A section of the grid from lines 14000N to 12700N was also mapped and prospected with returned results of below anomalous Au with the exception of a few Sugar Zone samples. In further investigation of the Peacock boulders, drilling was performed on the Wolf zone in August that yield results similar to the Peacock boulders. The Wolf Zone is interpreted to be the source of these boulders.

As drilling proceeded in August 2014, some high arsenopyrite-bearing floats were retrieved along a drill trail from lines 13300N to 13600N at 300E. Further followup of nearby mineralized outcrop resulted in the delineation of a mineralized zone from lines 13500N to 13200N from 300 to 275E, dubbed the "Middle Zone". A few holes were drilled as followup of this showing with anomalous Au over narrow intervals. This remains a target for further followup and drilling along the strike of this zone.

A new grid was started from lines 12700N to 11700N both east and west of the baseline. This was prospected with the delineation of a number of feldspar porphyry and sulphide shear zones. Although traced out, most of these were below anomalous for gold. A few high grade samples were taken, however, of the Sugar zone feldspar porphyry upper zone and lower zone feldspar porphyry/quartz vein shear zone which yielded results of 0.18g/t Au and a sample of 277g/t Au with 71g/t Ag. Later in October, this showing was followed up along strike that yielded samples of 25g/t Au and 2.82g/t Au. This area was later the focus of the drilling of 10 drill holes from December 2014 to January 2015. Another quartz vein with 10g/t Au was taken on line 11900N at 125E. This was also followed up in October with another 11.5g/t Au in a quartz vein taken. This was the focus of drilling in January to February 2015.

The large area of new grid west of the baseline from lines 11700N to 15100N was mapped and prospected with few anomalous float samples retrieved. This area was prospected as this area was surveyed by Induced Polarization at the same time with the effort in investigating anomalous trends evident in those rocks. There are a number of IP trends that when matched up with those in the North grid, warrant further drilling.

The area from 15100N to 16200N from the baseline to 1300W was mapped last. Although most of the area was wallrock with few prospects, a felsic volcanic was delineated from lines 15100 to 16200N from about 500 to 400W that could have potential for Hemlo-style mineralization that would occur at the contact of metasediment and volcanics. Since metasediments and felsic volcanics with elevated As on line 15900N at 400E have been recovered in this area, this has been the site of further drilling in January 2015. Also interested was a prospect of elevated As, Sb, W and Au bearing rocks between 15800N and 15900N at 120W.

Costs

Assays		\$16,588.31
Personel	Jordan Laarman	\$32,000.00
	Nathan Forslund	\$5,200.00
	Matt Husslage	\$7,475.00
	Dan Ferraro	\$2,400.00
	Roy Shegalski	\$7,800.00
	Eddie Sutherland	\$4,200.00
	Luke Roman	\$1,350.00
	Matthew King	\$12,200.00
	Bob Middleton	\$52,853.87
	William Peters	\$1,925.00
Field Supplies	ATV rental	\$1,400.00
	Skidoo rental	\$950.00
	Water pump and hose	\$9,322.50
Transportation	Fuel	\$11,639.16
	Truck rentals	\$3,333.19
Accommodations	Motels	\$3,319.17
	Meals	\$2,231.25
	Apartment rent (7 months)	\$7,700.00
Total		\$183,887.45

Claim#	Combined Lines	Cost %	Actual Cost	Claim#	Combined Lines	Cost %	Actual Cost
1055507	572.79	0.463%	\$852.21	1069346	1588.48	1.285%	\$2,363.36
1055519	575.85	0.466%	\$856.76	1069347	1010.99	0.818%	\$1,504.17
1055520	1887.19	1.527%	\$2,807.79	1069348	1965.81	1.591%	\$2,924.75
1069302	48.69	0.039%	\$72.44	1069349	186.74	0.151%	\$277.84
1069303	1251.85	1.013%	\$1,862.53	1069350	2090.53	1.691%	\$3,110.32
1069304	1676.35	1.356%	\$2,494.09	1069352	2586.94	2.093%	\$3,848.89
1069305	885.93	0.717%	\$1,318.09	1069353	1457.03	1.179%	\$2,167.78
1069307	1514.17	1.225%	\$2,252.80	1069354	64.74	0.052%	\$96.32
1069308	1746.56	1.413%	\$2,598.56	1069355	1223.40	0.990%	\$1,820.19
1069309	1742.83	1.410%	\$2,593.01	1069356	1160.68	0.939%	\$1,726.88
1069310	1664.59	1.347%	\$2,476.61	1069357	1250.28	1.012%	\$1,860.18
1069311	1608.06	1.301%	\$2,392.50	1069358	813.59	0.658%	\$1,210.47
1069312	1599.63	1.294%	\$2,379.95	1069363	374.64	0.303%	\$557.40
1069313	1915.38	1.550%	\$2,849.73	1069364	285.86	0.231%	\$425.31
1069314	1979.56	1.602%	\$2,945.22	1069365	907.58	0.734%	\$1,350.31
1069315	1730.53	1.400%	\$2,574.70	1069373	859.52	0.695%	\$1,278.80
1069316	2596.83	2.101%	\$3,863.60	1069374	164.43	0.133%	\$244.64
1069317	1909.60	1.545%	\$2,841.12	1135498	1989.41	1.610%	\$2,959.87
1069318	1908.79	1.544%	\$2,839.93	1135499	1639.19	1.326%	\$2,438.81
1069319	2004.80	1.622%	\$2,982.77	1182993	241.67	0.196%	\$359.56
1069320	1752.23	1.418%	\$2,606.99	1182994	3919.40	3.171%	\$5,831.34
1069321	1115.62	0.903%	\$1,659.83	1194337	1069.64	0.865%	\$1,591.42
1069322	1687.00	1.365%	\$2,509.94	1232640	138.14	0.112%	\$205.53
1069323	1902.41	1.539%	\$2,830.43	1235594	6036.86	4.884%	\$8,981.73
1069324	1460.61	1.182%	\$2,173.11	1235595	930.51	0.753%	\$1,384.42
1069325	1635.83	1.324%	\$2,433.80	4228497	10780.67	8.723%	\$16,039.63
1069326	1628.78	1.318%	\$2,423.31	4228499	1449.76	1.173%	\$2,156.97
1069327	1121.17	0.907%	\$1,668.10	4260626	4760.71	3.852%	\$7,083.05
1069328	1990.17	1.610%	\$2,961.01	4260627	1588.09	1.285%	\$2,362.78
1069329	1137.71	0.921%	\$1,692.70	4260629	24.45	0.020%	\$36.38
1069330	1667.43	1.349%	\$2,480.82		123595.75	100%	\$183,887.45
1069331	2186.59	1.769%	\$3,253.24				
1069332	1091.43	0.883%	\$1,623.85				
1069333	2086.95	1.689%	\$3,105.00				
1069334	1667.97	1.350%	\$2,481.63				
1069335	1672.87	1.353%	\$2,488.91				
1069336	1343.11	1.087%	\$1,998.29				
1069337	2084.51	1.687%	\$3,101.36				
1069338	406.38	0.329%	\$604.62				
1069339	1271.83	1.029%	\$1,892.24				
1069340	1688.23	1.366%	\$2,511.77				
1069341	1948.48	1.576%	\$2,898.98				
1069342	1782.77	1.442%	\$2,652.43				
1069343	1784.33	1.444%	\$2,654.74				
1069344	390.45	0.316%	\$580.92				
1069345	1711.16	1.384%	\$2,545.89				

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- Stott, G.M. 1996c. Precambrian Geology of Dayohessarah Lake Area (South half), Ontario Geological Survey, Preliminary map no. 3311.

13 Statement of Qualifications

I, Jordan Laarman, of #3 433 Frankwood Avenue, Thunder Bay, Canada, certify that:

1. I am a graduate of the University of Western Ontario, 2014, and hold a PhD Geology degree.
2. I am a graduate of Lakehead University, 2007, and hold a M.Sc. Geology degree.
3. I am a graduate of the University of Western Ontario, 2004, and hold an Hon.BSc. Geology degree.
4. I am a member of the Canadian Institute of Mining, Metallurgy and Petroleum.
5. I am a member of the Prospectors and Developers Association of Canada.
6. I am a member of the Society of Economic Geologists.
7. I am a member of the Ontario Prospectors Association.
8. I have been employed as a geological assistant by Nunavut Tunngavik Incorporated in 2003.
9. I have been employed on contract as a field and project geologist by Rainy Mountain Royalty Corp., Mega Uranium Ltd., Cascadia International Resources Inc., and Trillium North Minerals Ltd. from 2004 to 2009.
10. I have been employed as a project geologist by Cliffs Natural Resource Corporation from 2010 to 2012.
11. I have been employed on contract as a project geologist by KWG Resources Inc. from 2013 to 2014.
12. I have been employed on contract as a geologist by Harte Gold Corp. in 2014.
13. I am and have been a practicing member of APGO (Association of Professional Geoscientists of Ontario) since September, 2012.
14. I have mapped and prospected on the Sugar Zone Property in 2014.
15. I take responsibility for the authorship of this report.
16. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.



Date: February 13, 2015

Jordan Laarman, PhD, PGeo.

Statement of Qualifications

I, Robert S. Middleton, am a graduate of the Provincial Institute of Mining (Haileybury, Ontario) (1965) – Mining Diploma; Michigan Technological University 1968, B.S. Applied Geophysics, 1969 M.S. Applied Geophysics.

Attended University of Toronto 1970 – Ph.D Geological program.

Employed during the summers of:

1964 – Keevil Mining Group – Geophysical Engineering and Surveys Ltd. Gaspé geochemistry.

1965 – Selco Exploration – NW Ontario (Magnetics) and NE Quebec (EM, Mag, Gravity, Mining Regs.)

1966 – Selco Exploration – NE Ontario (Geological Mapping)

1967 – Calumet & Hecla Mining – Keweenaw (IP (drill hole) surface and underground) and Michigan (Mag and drill hole IP)

Employed Ontario Dept. of Mines, 1968-1971, Mag, Geology, Gravity, Mining Regs.

Employed Barringer Research Ltd., 1971-1974, Airborne Geophysics, Consulting, Ground Geophysics

Employed Rosario Resources Corp., 1974-1980, Timmins, Honduras, Nicaragua, Dominican Republic

Employed Newmont Exploration of Canada, 1982-1983, Quebec, Ontario, Newfoundland, NWT.

Manager of Exploration, RC and diamond drill projects, geophysics.

Consulting Based from Timmins, 1983-1990, various Au/ base metal projects in Manitoba, Quebec, Ontario, USA, Scotland. RC drilling and numerous diamond drill programs.

Management Various junior mining companies, 1990-present, VMS, Cu, Zn, Au, diamonds, Cu-Ni-PGE, Cross Lake discovery, Zn/Ag/Cu near Timmins

Member of Ontario Association of Professional Engineers, Canadian Institute of Mining and Metallurgy, and former Member of the Association of Exploration Geochemists, Society of Economic Geologists, Society of Geology Applied to Ore Deposits, and Geological Association of Canada.

Special Assignments:

Uganda – Evaluation of Kilembi Proterozoic Cu, Ni, Co (1992)

Siberia – Diamonds and Kimberlites (1993)

NWT – Valuations of Lac de Gras area projects (1995)

Kyrgystan – Gold deposit evaluation (1996)

South Korea- Moland Molybdenum Mine study (2009)

Exploration Manager East West Resource Corporation, 1992-2010.

KWG technical advisor on chromite development, rail line, aboriginal relations 2008-2010.

Giyani Gold, South Africa 2011-2013.

R. Middleton Date: *February 2, 2015*

R.S. Middleton, P.Eng.

CERTIFICATE OF QUALIFIED PERSON

I, Nathan R. Forslund, do hereby certify that:

1. I am a consulting geologist with an office at 459 Parkwood St., Thunder Bay, Ontario.
2. I graduated from Lakehead University with the degrees of Honours Bachelor of Science (Geology/Physics) in 2009, and with the degree of Master of Science (Geology) in 2012. I worked for Sabina Gold and Silver on their Back River project in Nunavut, Canada from 2012 to 2014 and have been working as a consulting geologist since 2014.
3. "Technical Report" refers to the report titled "2014 Summary of Mapping on the Sugar Zone" completed on February 13th, 2015.
4. I am a registered Geoscientist in Training (G.I.T.) with the Association of Professional Geoscientists of Ontario and a member Ontario Prospectors Association.
5. I have worked as a Geologist for 3 years since my graduation from university.
6. I directed the creation of the illustrations within the Technical Report.
7. I have had no involvement with the mineral Property that forms the subject of this Technical Report.
8. As of the date of this certificate, and to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated this 13th day of February 2015.

SIGNED

“Nathan R. Forslund”

Nathan R. Forslund

APPENDIX A

Claim List

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
COOPER	4267212	2011-Jun-20	2016-Jun-20	A	100%	\$6,400	\$19,200	\$0	\$0
GOURLAY	1232640	1998-Jun-04	2016-Jun-04	A	100%	\$6,000	\$96,000	\$0	\$0
GOURLAY	4260622	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
GOURLAY	4260623	2010-Dec-03	2014-Dec-03	A	100%	\$4,800	\$9,600	\$0	\$0
GOURLAY	4260624	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
GOURLAY	4260625	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260627	2010-Dec-03	2014-Dec-03	A	100%	\$4,400	\$8,800	\$0	\$0
GOURLAY	4260628	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260630	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260631	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260633	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260634	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260636	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
GOURLAY	4260637	2010-Dec-03	2014-Dec-03	A	100%	\$5,016	\$14,184	\$0	\$0
GOURLAY	4260639	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
GOURLAY	4260640	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$1,095	\$0
GOURLAY	4260641	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
HAMBLETON	1055500	1988-Mar-11	2015-Dec-31	A	100%	\$400	\$9,200	\$174	\$0
HAMBLETON	1055501	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055502	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055503	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055504	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055505	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055506	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055507	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055508	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055509	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055510	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055511	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055512	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,200	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
HAMBLETON	1055513	1988-Mar-11	2015-Dec-31	A	100%	\$400	\$8,800	\$174	\$0
HAMBLETON	1055514	1988-Mar-11	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
HAMBLETON	1055515	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055516	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055517	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055518	1988-Mar-11	2017-Dec-31	A	100%	\$400	\$10,400	\$2,669	\$0
HAMBLETON	1055519	1988-Mar-11	2017-Dec-31	A	100%	\$400	\$10,400	\$38,733	\$0
HAMBLETON	1055520	1988-Mar-11	2017-Dec-31	A	100%	\$400	\$10,800	\$2,915	\$0
HAMBLETON	1055521	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
HAMBLETON	1055522	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055523	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055524	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055525	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055526	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
HAMBLETON	1055527	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
HAMBLETON	1055528	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055529	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055530	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055531	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055532	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
HAMBLETON	1055533	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
HAMBLETON	1055534	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055535	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055536	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055537	1988-Mar-11	2017-Dec-31	A	100%	\$400	\$10,000	\$623	\$0
HAMBLETON	1055538	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055539	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055540	1988-Mar-11	2014-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055541	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055542	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055543	1988-Mar-11	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
HAMBLETON	1055576	1988-Mar-02	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055577	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055578	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055579	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055580	1988-Mar-02	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055581	1988-Mar-02	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055582	1988-Mar-02	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055583	1988-Mar-02	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1055584	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055585	1988-Mar-02	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055586	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055587	1988-Mar-02	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1055588	1988-Mar-02	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1055589	1988-Mar-02	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069100	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069120	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069121	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069186	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$200	\$0
HAMBLETON	1069187	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069188	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069189	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069190	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069191	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069192	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069193	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069194	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069196	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069197	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069198	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069199	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069300	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
HAMBLETON	1069301	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069302	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069303	1988-Jun-16	2014-Dec-31	A	100%	\$400	\$8,800	\$0	\$0
HAMBLETON	1069304	1988-Jun-16	2014-Dec-31	A	100%	\$400	\$8,800	\$0	\$0
HAMBLETON	1069305	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069306	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069307	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069308	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
HAMBLETON	1069309	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$668	\$0
HAMBLETON	1069310	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069311	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069312	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069313	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069314	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$71,962	\$0
HAMBLETON	1069315	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$200	\$0
HAMBLETON	1069316	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$1,228	\$0
HAMBLETON	1069317	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069318	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$200	\$0
HAMBLETON	1069319	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069320	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069321	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069322	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069323	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
HAMBLETON	1069324	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$142,978	\$0
HAMBLETON	1069325	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$650,523	\$0
HAMBLETON	1069326	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$215	\$0
HAMBLETON	1069327	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$1,499	\$0
HAMBLETON	1069328	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$1,499	\$0
HAMBLETON	1069329	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$23,080	\$0
HAMBLETON	1069330	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$524	\$0
HAMBLETON	1069331	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$324	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
HAMBLETON	1069332	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$174	\$0
HAMBLETON	1069333	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$174	\$0
HAMBLETON	1069334	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$87	\$0
HAMBLETON	1069335	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$133	\$0
HAMBLETON	1069336	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$27,740	\$0
HAMBLETON	1069337	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069338	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069339	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
HAMBLETON	1069340	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,800	\$732	\$0
HAMBLETON	1069341	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$28,997	\$0
HAMBLETON	1069342	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$9,332	\$0
HAMBLETON	1069343	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$100	\$0
HAMBLETON	1069344	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
HAMBLETON	1069345	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$0	\$0
HAMBLETON	1069346	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$195	\$0
HAMBLETON	1069347	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$318,259	\$0
HAMBLETON	1069348	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$8,604	\$0
HAMBLETON	1069349	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$2,914	\$0
HAMBLETON	1069350	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$4,441	\$0
HAMBLETON	1069352	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,800	\$89,438	\$0
HAMBLETON	1069353	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$1,000	\$0
HAMBLETON	1135498	1990-Nov-15	2018-Nov-15	A	100%	\$400	\$10,400	\$454,723	\$0
HAMBLETON	1135499	1990-Nov-15	2018-Nov-15	A	100%	\$400	\$10,400	\$741,876	\$0
HAMBLETON	1182993	1992-Jul-20	2018-Jul-20	A	100%	\$400	\$9,600	\$2,670	\$0
HAMBLETON	1182994	1992-Jul-20	2019-Jul-20	A	100%	\$800	\$20,000	\$1,493,079	\$0
HAMBLETON	1194337	1992-Jul-20	2016-Jul-20	A	100%	\$400	\$8,800	\$1,719	\$0
HAMBLETON	1194339	1993-Apr-26	2016-Apr-26	A	100%	\$400	\$8,400	\$306	\$0
HAMBLETON	1235594	2003-Nov-20	2015-Nov-20	A	100%	\$3,600	\$36,000	\$0	\$0
HAMBLETON	1235595	2003-Nov-20	2015-Nov-20	A	100%	\$1,600	\$16,000	\$0	\$0
HAMBLETON	4201064	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
HAMBLETON	4201065	2006-Apr-21	2017-Apr-21	A	100%	\$1,600	\$14,400	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
HAMBLETON	4201066	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
HAMBLETON	4201067	2006-Apr-21	2017-Apr-21	A	100%	\$1,600	\$14,400	\$0	\$0
HAMBLETON	4201069	2006-Apr-21	2016-Apr-21	A	100%	\$4,800	\$38,400	\$0	\$0
HAMBLETON	4201070	2006-Apr-21	2016-Apr-21	A	100%	\$2,400	\$19,200	\$0	\$0
HAMBLETON	4201071	2006-Apr-21	2017-Apr-21	A	100%	\$6,400	\$57,600	\$179,747	\$0
HAMBLETON	4201074	2006-Apr-21	2017-Apr-21	A	100%	\$4,800	\$43,200	\$0	\$0
HAMBLETON	4201075	2006-Apr-21	2015-Apr-21	A	100%	\$6,400	\$44,800	\$0	\$0
HAMBLETON	4201076	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
HAMBLETON	4228496	2009-Jul-20	2016-Jul-20	A	100%	\$3,600	\$18,000	\$4,604	\$0
HAMBLETON	4228497	2009-Jul-20	2016-Jul-20	A	100%	\$4,000	\$20,000	\$36,822	\$0
HAMBLETON	4228499	2009-Jul-20	2015-Jul-20	A	100%	\$2,400	\$9,600	\$0	\$0
HAMBLETON	4260626	2010-Dec-03	2014-Dec-03	A	100%	\$2,400	\$4,800	\$0	\$0
HAMBLETON	4260629	2010-Dec-03	2014-Dec-03	A	100%	\$5,600	\$12,400	\$0	\$0
HAMBLETON	4260632	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$706	\$0
HAMBLETON	4260635	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$900	\$0
HAMBLETON	4260638	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$2,579	\$0
HAMBLETON	4260670	2010-Dec-23	2014-Dec-23	A	100%	\$1,602	\$5,598	\$0	\$0
HAMBLETON	4260671	2010-Dec-23	2016-Dec-23	A	100%	\$1,600	\$6,400	\$0	\$0
HAMBLETON	4260672	2010-Dec-23	2016-Dec-23	A	100%	\$4,000	\$16,000	\$0	\$0
HAMBLETON	4260673	2010-Dec-23	2014-Dec-23	A	100%	\$4,800	\$9,600	\$1,095	\$0
HAMBLETON	4260674	2010-Dec-23	2014-Dec-23	A	100%	\$6,400	\$12,800	\$1,289	\$0
HAMBLETON	4260675	2010-Dec-23	2015-Dec-23	A	100%	\$1,200	\$3,600	\$0	\$0
HAMBLETON	4260676	2010-Dec-23	2015-Dec-23	A	100%	\$4,800	\$14,400	\$0	\$0
HAMBLETON	4260677	2010-Dec-23	2015-Dec-23	A	100%	\$1,600	\$4,800	\$0	\$0
HAMBLETON	4260678	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
HAMBLETON	4260679	2010-Dec-23	2014-Dec-23	A	100%	\$4,800	\$9,600	\$1,289	\$0
HAMBLETON	4260680	2010-Dec-23	2015-Dec-23	A	100%	\$1,600	\$4,800	\$0	\$0
HAMBLETON	4260681	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
HAMBLETON	4260682	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
HAMBLETON	4260683	2010-Dec-23	2014-Dec-23	A	100%	\$4,800	\$9,600	\$2,774	\$0
HAMBLETON	4270162	2013-Nov-04	2015-Nov-04	A	100%	\$400	\$0	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ODLUM	1043698	1987-Dec-07	2017-Jul-02	A	100%	\$400	\$10,400	\$87	\$0
ODLUM	1043701	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043702	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043703	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043704	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043705	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043706	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043707	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043708	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043709	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043710	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043711	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043712	1987-Dec-07	2017-Jul-02	A	100%	\$400	\$10,400	\$87	\$0
ODLUM	1043715	1987-Dec-07	2017-Jul-02	A	100%	\$400	\$10,400	\$174	\$0
ODLUM	1043716	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$298	\$0
ODLUM	1043717	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$174	\$0
ODLUM	1043803	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043806	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043807	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1043808	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$374	\$0
ODLUM	1043809	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,200	\$175	\$0
ODLUM	1043810	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043811	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043812	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	1043814	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$174	\$0
ODLUM	1043815	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$174	\$0
ODLUM	1043816	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$174	\$0
ODLUM	1043817	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$174	\$0
ODLUM	1043818	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$87	\$0
ODLUM	1043819	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$87	\$0
ODLUM	1043820	1987-Dec-07	2017-Jul-02	A	100%	\$400	\$10,400	\$174	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ODLUM	1043821	1987-Dec-07	2018-Jul-02	A	100%	\$400	\$10,800	\$0	\$0
ODLUM	1043822	1987-Dec-07	2018-Jul-02	A	100%	\$400	\$10,800	\$0	\$0
ODLUM	1043823	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$87	\$0
ODLUM	1043824	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$2,941	\$0
ODLUM	1043825	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$464	\$0
ODLUM	1043826	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$0	\$0
ODLUM	1043827	1987-Dec-07	2016-Jul-02	A	100%	\$400	\$10,000	\$174	\$0
ODLUM	1043828	1987-Dec-07	2019-Jul-02	A	100%	\$400	\$11,200	\$87	\$0
ODLUM	1044094	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1044095	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1044096	1987-Dec-07	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
ODLUM	1044097	1987-Dec-07	2016-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
ODLUM	1044100	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1044101	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	1044102	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1044103	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1069354	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,800	\$10,426	\$0
ODLUM	1069355	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$11,200	\$30,262	\$0
ODLUM	1069356	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$600	\$0
ODLUM	1069357	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$600	\$0
ODLUM	1069358	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$600	\$0
ODLUM	1069359	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1069360	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
ODLUM	1069361	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1069362	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$306	\$0
ODLUM	1069363	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$382	\$0
ODLUM	1069364	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$306	\$0
ODLUM	1069365	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$10,000	\$200	\$0
ODLUM	1069366	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$11,200	\$9,613	\$0
ODLUM	1069367	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$11,200	\$66,094	\$0
ODLUM	1069368	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$10,000	\$506	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ODLUM	1069369	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$10,000	\$200	\$0
ODLUM	1069370	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$460	\$0
ODLUM	1069371	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$10,000	\$0	\$0
ODLUM	1069372	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1069373	1988-Jun-16	2019-Dec-31	A	100%	\$400	\$10,800	\$0	\$0
ODLUM	1069374	1988-Jun-16	2018-Dec-31	A	100%	\$400	\$10,400	\$102	\$0
ODLUM	1069375	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1069376	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1069378	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1069379	1988-Jun-16	2016-Dec-31	A	100%	\$400	\$8,800	\$0	\$0
ODLUM	1069380	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,000	\$2,398	\$0
ODLUM	1069381	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1069382	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
ODLUM	1069383	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,400	\$306	\$0
ODLUM	1069384	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
ODLUM	1069385	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,400	\$0	\$0
ODLUM	1069386	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1069387	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	1069388	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,800	\$0	\$0
ODLUM	1069389	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$8,800	\$0	\$0
ODLUM	1069390	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1069391	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078243	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078244	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	1078245	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	1078246	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078247	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078248	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078249	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078250	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078251	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$923	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ODLUM	1078252	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$10,400	\$1,694	\$0
ODLUM	1078253	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078254	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078255	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078256	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	1078257	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078258	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078259	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$154	\$0
ODLUM	1078265	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
ODLUM	1078266	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
ODLUM	1078267	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
ODLUM	1078268	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078269	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078270	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	1078271	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078272	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078273	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078274	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$6,077	\$0
ODLUM	1078275	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078276	1988-Jun-16	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078277	1988-Jun-16	2017-Dec-31	A	100%	\$400	\$10,400	\$0	\$0
ODLUM	1078314	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,600	\$0	\$0
ODLUM	1078319	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
ODLUM	1174765	1991-Oct-29	2015-Oct-29	A	100%	\$1,200	\$26,400	\$100	\$0
ODLUM	1174766	1991-Oct-29	2015-Oct-29	A	100%	\$800	\$17,600	\$100	\$0
ODLUM	1194340	1993-Apr-26	2016-Apr-26	A	100%	\$400	\$8,400	\$306	\$0
ODLUM	3012217	2008-Mar-27	2017-Mar-27	A	100%	\$800	\$5,600	\$12,738	\$0
ODLUM	3012218	2008-Mar-27	2016-Mar-27	A	100%	\$2,400	\$14,400	\$0	\$0
ODLUM	4201077	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$4,126	\$0
ODLUM	4201078	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
ODLUM	4201080	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$147	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ODLUM	4201081	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$1,626	\$0
ODLUM	4201083	2006-Apr-21	2017-Apr-21	A	100%	\$1,200	\$10,800	\$0	\$0
ODLUM	4201084	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
ODLUM	4201087	2006-Apr-21	2017-Apr-21	A	100%	\$3,200	\$28,800	\$0	\$0
ODLUM	4260657	2010-Dec-23	2015-Dec-23	A	100%	\$1,600	\$4,800	\$0	\$0
ODLUM	4260658	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260659	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260660	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260661	2010-Dec-23	2015-Dec-23	A	100%	\$6,000	\$18,000	\$0	\$0
ODLUM	4260662	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260663	2010-Dec-23	2015-Dec-23	A	100%	\$5,200	\$15,600	\$0	\$0
ODLUM	4260664	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260665	2010-Dec-23	2015-Dec-23	A	100%	\$3,600	\$10,800	\$0	\$0
ODLUM	4260666	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
ODLUM	4260667	2010-Dec-23	2015-Dec-23	A	100%	\$3,200	\$9,600	\$0	\$0
ODLUM	4260668	2010-Dec-23	2015-Dec-23	A	100%	\$5,600	\$16,800	\$0	\$0
ODLUM	4260669	2010-Dec-23	2015-Dec-23	A	100%	\$5,200	\$15,600	\$0	\$0
ODLUM	4270161	2013-Jan-28	2015-Jan-28	A	100%	\$1,600	\$0	\$0	\$0
ODLUM	937765	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	937766	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$87	\$0
ODLUM	937767	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	937768	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$306	\$0
ODLUM	937770	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
ODLUM	937771	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$287	\$0
ODLUM	937772	1987-Dec-07	2015-Dec-31	A	100%	\$400	\$9,600	\$174	\$0
STRICKLAND	1078315	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1078316	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1078317	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1078318	1988-May-24	2015-Dec-31	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140638	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$174	\$0
STRICKLAND	1140639	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$174	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
STRICKLAND	1140640	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$350	\$0
STRICKLAND	1140641	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140642	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140643	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140644	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140645	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140646	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$0	\$0
STRICKLAND	1140647	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140648	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140649	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140658	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140659	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1140660	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183012	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183013	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$437	\$0
STRICKLAND	1183014	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183015	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183016	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183017	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183018	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183019	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183020	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1183021	1991-Apr-24	2016-Apr-24	A	100%	\$400	\$9,200	\$306	\$0
STRICKLAND	1232641	1998-Jun-04	2016-Jun-04	A	100%	\$2,400	\$38,400	\$0	\$0
STRICKLAND	3018389	2006-Apr-21	2017-Apr-21	A	100%	\$3,200	\$28,800	\$0	\$0
STRICKLAND	3018390	2006-Apr-21	2017-Apr-21	A	100%	\$3,200	\$28,800	\$0	\$0
STRICKLAND	3018391	2006-Apr-21	2017-Apr-21	A	100%	\$1,600	\$14,400	\$0	\$0
STRICKLAND	3018392	2006-Apr-21	2016-Apr-21	A	100%	\$4,800	\$38,400	\$0	\$0
STRICKLAND	3018393	2006-Apr-21	2016-Apr-21	A	100%	\$4,800	\$38,400	\$0	\$0
STRICKLAND	4201079	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$748	\$0
STRICKLAND	4201082	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
STRICKLAND	4201085	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
STRICKLAND	4201086	2006-Apr-21	2016-Apr-21	A	100%	\$3,600	\$28,800	\$0	\$0
STRICKLAND	4201088	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$2,091	\$0
STRICKLAND	4201089	2006-Apr-21	2016-Apr-21	A	100%	\$4,800	\$38,400	\$2,492	\$0
STRICKLAND	4201091	2006-Apr-21	2016-Apr-21	A	100%	\$6,400	\$51,200	\$0	\$0
STRICKLAND	4201092	2006-Apr-21	2017-Apr-21	A	100%	\$4,800	\$43,200	\$847	\$0
STRICKLAND	4201093	2006-Apr-21	2017-Apr-21	A	100%	\$3,200	\$28,800	\$0	\$0
STRICKLAND	4260601	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260602	2010-Dec-03	2014-Dec-03	A	100%	\$4,000	\$8,000	\$0	\$0
STRICKLAND	4260603	2010-Dec-03	2014-Dec-03	A	100%	\$4,800	\$9,600	\$0	\$0
STRICKLAND	4260604	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260605	2010-Dec-03	2015-Dec-03	A	100%	\$1,600	\$4,800	\$0	\$0
STRICKLAND	4260606	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260607	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260608	2010-Dec-03	2014-Dec-03	A	100%	\$1,200	\$2,400	\$0	\$0
STRICKLAND	4260609	2010-Dec-03	2015-Dec-03	A	100%	\$1,600	\$4,800	\$0	\$0
STRICKLAND	4260610	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260611	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260612	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260613	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260614	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260615	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260616	2010-Dec-03	2014-Dec-03	A	100%	\$6,400	\$12,800	\$0	\$0
STRICKLAND	4260617	2010-Dec-03	2014-Dec-03	A	100%	\$6,000	\$12,000	\$0	\$0
STRICKLAND	4260618	2010-Dec-03	2014-Dec-03	A	100%	\$2,400	\$4,800	\$0	\$0
STRICKLAND	4260619	2010-Dec-03	2014-Dec-03	A	100%	\$4,000	\$8,000	\$0	\$0
STRICKLAND	4260620	2010-Dec-03	2014-Dec-03	A	100%	\$5,200	\$10,400	\$0	\$0
STRICKLAND	4260621	2010-Dec-03	2014-Dec-03	A	100%	\$6,000	\$12,000	\$0	\$0
STRICKLAND	4260642	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
STRICKLAND	4260643	2010-Dec-03	2015-Dec-03	A	100%	\$6,400	\$19,200	\$0	\$0
STRICKLAND	4260644	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0

Township/ Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
TEDDER	4201090	2006-Apr-21	2018-Apr-21	A	100%	\$3,200	\$32,000	\$0	\$0
TEDDER	4260645	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260646	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260647	2010-Dec-23	2015-Dec-23	A	100%	\$800	\$2,400	\$0	\$0
TEDDER	4260648	2010-Dec-23	2015-Dec-23	A	100%	\$1,600	\$4,800	\$0	\$0
TEDDER	4260649	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260650	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260651	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260652	2010-Dec-23	2015-Dec-23	A	100%	\$5,600	\$16,800	\$0	\$0
TEDDER	4260653	2010-Dec-23	2015-Dec-23	A	100%	\$1,600	\$4,800	\$0	\$0
TEDDER	4260654	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260655	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0
TEDDER	4260656	2010-Dec-23	2015-Dec-23	A	100%	\$6,400	\$19,200	\$0	\$0

APPENDIX B

Field notes

Date	O/C#	Easting	Northing	Line	Station	Dip	Lithology	Description	Photo #	Assay #
2014-06-24	D1	645476.5	5409216.1	14600N			Mafic volcanic	Exposure of mafic volcanic with quartz veinlets		
2014-06-24	G2	645535.5	5409276.6	14600N			Mafic volcanic	Rusty sheared mafic volcanic angular boulder - slight magnetism; very fine pyrite sulphide along foliation of hornblendes - sample		E5390910
2014-06-24	G03	645527.1	5409280	14600N	1075	140° S	Mafic volcanic	Foliated hornblende mafic volcanic is purple-red rusty on weathered surface - near G2, at Line 14600N, 1075E; nearby granite and FP floats	1	
2014-06-24	G04	645640.2	5409363.9			140° W	Mafic volcanic	Ridge of hornblende mafic volcanic with irregular - no orientation of buff granitic/quartz veinlets - near drill target #3 at 1212E; just east of line on same ridge are some white foliated feldspar within hornblende mafic volcanic is possible granitization	2	
2014-06-24	G05	645655.2	5409380.4	14600N	1212		Mafic volcanic	Sample of cream-pink granitic streaks in mafic volcanic with very fine grained pyrite		E5390911
2014-06-24	G06	645686.5	5409414.7	14600N		165°	Mafic volcanic	Folded 3cm wide quartz vein in hornblende volcanics; lots of acicular hornblende	3	
2014-06-24	G07	645950.7	5409616.7	14600N		66°	Granite boulders	Bottom of large ridge of granite boulders to the South - lots of granite boulders occur between G6 and G7		
2014-06-24	G08	645479.4	5409192.4	Tie line			Mafic volcanic	Orange-red sulphidized quartz vein-bearing mafic volcanics - sample		E5390912
2014-06-24	G09	645500.3	5409174.6	Tie line			Mafic volcanic	Gossan in mafic volcanic - very fine grained pyrite along foliation - angular float sample		E5390913
2014-06-24	G10	645519.3	5409152.4	Tie line			Feldspar porphyry	Felsic, siliceous quartz eye-porphyrific unit with quartz vein - very fine grained disseminated pyrite		E5390914
2014-06-24	G11	645504.6	5409151.8	Tie line			Feldspar porphyry	Sugary-textured white porphyry float with blebs of red garnet and very fine grained pyrite - sample		E5390915
2014-06-24	G12	645520.8	5409168.9	Tie line			Feldspar porphyry	Another sample of sugary quartz-bearing cherty unit		E5390916
2014-06-25	G13	646237.5	5408882	trail		112° S	Granite	White granite-type felsic intrusive - alignment of quartz minerals shows a graphic texture - lots of quartz, X-cutting apite dikes; strike of foliation	4	
2014-06-25	G14	645863.3	5409022.4	14300N			Granite / mafic volcanic	Outcrop just by contact of granite with volcanic - creamy-pink with rusty spots with very fine grained pyrite - graphic; nearby on line 14300N, there is a steep ridge of contact zone of granite with mafic volcanic - the granite is younger, pink and white and quartz-rich and envelops clasts of mafic volcanic		E5390917
2014-06-25	G15	645759.1	5408919.3	14300N	987E		Mafic volcanic	Large exposure of foliated hornblende mafic volcanic with granite-quartz veins along foliation near target Line 14300N, 987E	5	
2014-06-25	G16	645523.1	5409115.6	Tie line		156°	Feldspar porphyry / mafic volcanic	Feldspar porphyry dike X-cutting mafic volcanic; photo 6 - closeup of FP; Strike 160 of dike; strike 140 orientation of fault offset; strike 156 schistosity of basalt	6	
2014-06-25	G17	644976.4	5408757.7	Peacock trench			Mafic volcanic	Large trench with pillowed flows - sample of sulphide quartz in flow - metal tag 659309		E5390918

2014-06-25	G18	644965.8	5408758.8	Peacock trench					Sulphide	Another sample in quartz-sulphide gossan in pillowed flow		E5390919
2014-06-25	G19	644955.9	5408738.8	Peacock trench					Sulphide	Sample in trench gossan with quartz and sulphide		E5390920
2014-06-26	G20	645534.3	5409150.4	14500N					56 Mafic volcanic	Line 14500N at tie line going NE - foliated mafic volcanic		
2014-06-26	G21	645578.3	5409194.7	14500N		159			57 Mafic volcanic	Foliated hornblende volcanics; some 2-3cm wide quartz veins along foliation		
2014-06-26	G22	645723.2	5409323.9							Hornblende-plagioclase mafic volcanic exposure at 1250E; unit is massive with some foliation - non-magnetic; ridge has slope to the east; dominantly mafic volcanic with lesser white streaky bands; the ridge ends down slope at 1300E; occasional rust along foliation		
	Post	645923	5409504	14500N			179	1250E	51 Mafic volcanic	Post Location 400MW of #2, Claim No. 4260626		
2014-06-26	G23	645752.1	5409283.3	14400N				1050E	55 Mafic volcanic	Line 14400N going South at 1050E; exposure of hornblende-plagioclase streaky mafic volcanics		
2014-06-26	G24	645715.9	5409235.9	14400N			160		Mafic volcanic	Massive foliated hornblende-plagioclase mafic volcanics		
2014-06-26	G25	645595.8	5409124.3	trail - east of 14400N					Rusty volcanic float sample	Small rusty float of hornblende volcanics		
2014-06-26	G26	645600.2	5409120.7	trail - east of 14400N					Rusty quartz float sample	Rusty dark quartz float - sample		E5390921
2014-06-26	G27	645613.7	5409120.5	trail - east of 14400N					Rusty volcanic float sample	3cm wide quartz vein along foliation in mafic volcanic - float sample - somewhat rusty on weathered surface		E5390922
	G28			trail - east of 14400N					Rusty volcanic float sample	Large float rusty boulder of hornblende volcanics - photo 7 - sample - small orange quartz veins along foliation	7	E5390923
2014-06-26	G29	645613.3	5409114.2	trail - east of 14400N					Rusty volcanic float sample	Same as G28 - sample of rusty silica and quartz in foliated mafic volcanic - very fine grained hornblende needles or biotite occur in a mass and glisten in the sun		E5390924
2014-06-26	G30	645618.5	5409111.8	trail - east of 14400N					Mafic volcanic / quartz vein	Outcrop location near float samples - dark foliated hornblende volcanics with few streaks of feldspar along foliation. There's a 15cm wide quartz vein with few rusty spots striking 166 - photo 8; strike of foliation in mafic volcanic is 160	8	
2014-06-26	G31	645645.8	5409109.5	trail - east of 14400N					Rusty volcanic float sample	Sample of float of tan-orange rusty hornblende schist mafic volcanic with quartz along foliation		E5390925
	G32			14400N			170		Mafic volcanic	Outcrop location of mafic volcanics with rusty quartz knots along foliation	9	
2014-06-26	G33	645782.4	5409071.2	trail - east of 14400N					Rusty volcanic / porphyry float sample	Float sample - pyrrhotite with lesser chalcopyrite mineralization in fine grained biotite/hornblende mafic volcanics. There is a X-cutting thin porphyry along foliation that is highly mineralized.	10, 11, 12	
2014-06-26	G34	645797	5409073.8	trail - east of 14400N					Rusty granite boulder	Large rusty cream-pink-pastel green granite boulder - sample of rusty spot	13	E5390927

2014-06-26	G35	645792.2	5409071.8	trail - east of 14400N					Rusty volcanic / porphyry float sample	Large foliated boulder with sheared mineralized leucocratic unit with light purple hue is probably a sheared mineralized porphyry in the basalt - same as G33	14	
2014-06-26	G36	645784.7	5409070.7	trail - east of 14400N					Quartz vein float sample	Large coarse quartz vein float sample contains fine blebs of pyrite in surrounding matrix		E5390928
2014-06-26	G37	645790.6	5409068.5	trail - east of 14400N					Rusty volcanic float sample	Another base metal mineralized gossanous fine grained shiny biotite-rich mafic volcanic - sample		E5390929
2014-06-26	G38	645812.5	5409030.8	trail - east of 14400N					Rusty volcanic float sample	Another gossan float sample of mafic volcanic		E5390930
2014-06-26	G39	645835.5	5409028	trail - east of 14400N		142			Mafic volcanic pyroxenite	Knobby coarse grained dark green pyroxenitic unit outcrop - near contact with granite; across trail, unit strikes 142		
2014-06-26	G40	645927.3	5409018.3	trail - east of 14400N					Granite boulder	Large boulders of potassic cream-pink altered granite with some rust		
2014-06-26	G41	645801.8	5409044.2	trail - east of 14400N					Rusty volcanic float sample	Gossan-mineralized hornblende-rich mafic volcanic - sample		E5390931
				Wolf trench						Wolf zone - Matt K sample		E5390932
2014-06-26	G42	645047.8	5409020.4							Wolf zone trench contains sheared pillows in hornblende-mafic volcanics to the west of contact with leucocratic feldspar porphyry unit to the east. There's a large gossan mineralization in the felsite and sulphidization in the bordering volcanics; felsite is fine grained disseminated pyrite mineralized - unit strikes 170 dip 77; lineation plunge 83 South; pillowed flow is truncated to NE against felsite; felsite dike X-cuts pillowed unit to west in South part of the trench - suggestive of right-lateral sense of displacement of dike against the pillowed volcanics; felsite dike is white on weathered surface and is fine to medium grained, uniform textured		
2014-06-26	G43	645079.4	5408804.8	trail - north of Peacock trench		170	77		Wolf trench	Large rusty boulder on South side of trail to North of Peacock trench contains gossan in pillowed mafic volcanic and is similar to Peacock trench samples	16	
2014-06-27	G44	644943.5	5408766.9	Peacock boulders						Two Peacock boulders by trench are to the side of original location in trench are very mica (muscovite and hornblende/biotite)-rich - sample; no magnetism; strong foliation; sample tags PC-3 and PC-4; hornblende-plagioclase striped schist with gossan	17, 18	
2014-06-27	G45	644614.2	5408721.8	Trench					Peacock boulders	Trench: striations on surface are strike 201; coarse grained hornblende-bearing mafic flow; massive and pillowed unit with X-cutting porphyry dike, no mineral		E5390933
2014-06-27	G46	644695.3	5408901.1						Trench	Large round trench of main mafic flow unit; photo 19 of stretched pillows along foliation strike 132; photo 20 of stretched pillow breccia within flow; stretched porphyry-quartz rusty selvages give right-lateral movement; some rusty quartz creeps in; photos 21 and 22 of sugary-textured cream-coloured porphyry dike with quartz; some coarse-grained hornblende areas in the flow. I'm not sure why trrenched probably for EM conductor.	19, 20, 21, 22	
2014-06-27	G47	644812.6	5409009.8	Trench					Trench	Another trench - waypoint is located at oriented rusty gossan zone within the mafic flow which strikes 145 and dips 62; foliated pillow basalt with garnets occasionally along foliation		
2014-06-27	G48	644811.2	5409006.4	Trench		145	62		Trench	G48 in same trench - continuous 1.5ft wide porphyry dike		
				Trench		125			Feldspar porphyry			

2014-06-27	G49	645055.5	5408995.1	Wolf trench						North end of Wolf trench; alteration of mineralized zone looks the same as Peacock with muscovite flakes on surface; host rock is striped feldspar-hornblende schist of wallrock to gossan	23	
2014-06-28	G50	645456.2	5409000.6	14400N	1000E	Wolf trench				Line 14400N going south at 1000E - large angular boulder of foliated mafic volcanic - near source with some rust along foliation - sample of gossanous silica-granite vein with red mica alteration in surrounding rock		E5390934
2014-06-28	G51	645447.9	5408973.5	14400N		Mafic volcanic boulder				Another large angular mafic volcanic boulder with gossanous spots along foliation		
2014-06-28	G52	645397.3	5408923.4	14400N	700E	Mafic volcanic boulder				Large boulder of coarse grained hornblende volcanics with small quartz veins in it; ridge of boulders ends going west at 700E		
2014-06-28	G53	645259.3	5408807.8	14400N		Mafic volcanic boulder				Massive coarse hornblende-rich knobby mafic volcanic boulder		
2014-06-28	G54	645165.8	5408692.2	14400N	400E	Breccia float				At 400E, float by bush trail consists of up to 15cm wide angular fragments of hornblende mafic volcanic in a fine grained light coloured cream-pink feldspar-quartz felsic intrusion similar to felsic intrusion in Wolf trench.		
2014-06-28	G55	645143.6	5408696.1	14400N		Rusty volcanic float sample				Nearby on drill trail are large foliated mafic volcanic boulders with rust on weathered surface with trace very fine grained pyrite blebs - sample		E5390935
2014-06-28	G56	645033.9	5408552.7	14400N		Mafic volcanic boulder				Large mafic volcanic boulder with 20cm wide quartz vein X-cutting acute to foliation fabric - by trail		
2014-06-28	G57	644815.9	5408515.2	14500N	025E	Granite boulders				Esker of granite cobbles Strike 210 of esker - Line 14500N 025E going north		
2014-06-28	G58	644940.8	5408613.3	14500N		Drill collar				Drill collar DDH SZ 09 94 Az. 60 at 175E		
2014-06-28	G59	645021.1	5408668.2	14500N		Mafic volcanic				Massive coarse grained hornblende volcanic exposure sticking out of ground in open cleared area - contains green hornblende with lesser pink feldspar		
2014-06-28	G60	645039.3	5408721.1	trail - east of Peacock Trench		Rusty volcanic float sample				Rusty glistening very fine grained micaceous sulphidized mafic volcanic boulder sample - near Peacock showing. The boulder is on east side of the trail. There's an 8cm wide sheared porphyry dike X-cutting foliation similar to float at G35.		E5390936
2014-06-28	G61	645037.8	5408722.5	trail - east of Peacock Trench		Rusty volcanic float sample				Rusty mineralized float sample by trail with silica along with biotite in the foliation - brown mica alteration similar to Peacock boulders, no magnetism		E5390937
2014-06-28	G62	645073.4	5408726.5	14500N		Rusty volcanic float sample				Rusty micaceous volcanic float sample		E5390938
2014-06-28	G63	645105.4	5408751.1	14500N		Breccia				Outcrop of large breccia zone of feldspar porphyry dike brecciating up to 25cm long subangular clasts of mafic volcanic		
2014-06-28	G64	645103.5	5408741.3	14500N		Rusty volcanic float sample				Large rusty micaceous float sample with brown mica and silica alteration - near drill collars for WZ-10-18 and WZ-10-19.		E5390939
2014-06-28	G65	645128.3	5408758.4	14500N		Feldspar porphyry / mafic volcanic				Feldspar porphyry dike X-cuts mafic volcanic strike 160 - rust on spot in bordering volcanics - nearby to the north is a large orange quartz-porphyry veined mafic volcanic boulder		

2014-06-28	G66	645267.9	5408918.5	14500N	620E				Rusty pink veinlet-altered medium grained hornblende-plagioclase schist volcanics; there are vugs in association with veinlets that are filled in with epidote - sample is at 620E		E5390940
2014-06-28	G67	645313.9	5408974.2	14500N	750E				Rusty quartz 0.5cm wide veinlet-bearing float mafic volcanic sample		E5390941
2014-06-28	G68	645291.9	5408979.3	trail - west of 14500N					Large boulder on trail close to source - looks like outcrop of medium to coarse grained hornblende volcanics with gossan in sheared feldspar porphyry selvages - not the foliated micaceous mineralization of Peacock boulders		
2014-06-28	G69	645368.4	5409010.5	trail - west of 14500N					Large float of foliated mafic volcanic with rust spots and felsic veinletting		
2014-06-28	G70	645381.5	5409025						Large foliated quartz veined and silica-banded volcanic hornblende schist float sample - there is fine grained pyrite mineralization in the hornblende groundmass surrounding the quartz veins; quartz occurs as up to 20cm by 2.5cm wide lenticular knots along foliation; nearby is a large similar-sized float sample with an 8cm wide quartz vein along foliation - sulphidized		E5390942
2014-06-28	G71	645378.9	5409029.4	trail - west of 14500N	775E				At 775E, large rusty dark micaceous foliated boulder of mafic volcanic possibly similar to Peacock - too hard to get a sample		
2014-06-29	G72	645913	5409057.8	14300N	12025E (old picket)				Line 14300N 12025E - top of ridge of contact area - see G14		
2014-06-29	G73	645940.2	5409065.5	14300N		145			Granite outcrop strike 145 foliation in granite		
2014-06-29	G74	645777.4	5408792.8	14100N		160	61		Line 14100N going west of tie line - outcrop of foliated mafic volcanic		
2014-06-29	G75	645759.2	5408773.8	14100N					West slope of mafic volcanic ridge - unit contains 1-2cm wide quartz veins and thin feldspar porphyries along foliation		
2014-06-29	G76	645748.3	5408762.1	14100N					Another ridge exposure of foliated mafic volcanic		
2014-06-29	G77	645635.2	5408676.7	14100N		170			Mafic volcanic outcrop with quartz veining		
2014-06-29	G78	645573.1	5408603.2	14100N	675E				Mafic volcanic - dark green unit at 675E		
2014-06-29	G79	645495	5408523.5	14100N					Large boulders of green mafic volcanic from nearby outcrop source - in peatland		
2014-06-29	G80	645401.4	5408438.1	14100N					Ridge of angular boulders of mafic volcanic - near lake		
2014-06-29	G81	645306.2	5408413.4	14100N					Floats of sheared buff-coloured felsic intrusives along North shore of lake		
2014-06-29	G82	645369.9	5408542.2	14100N					Large boulder of foliated mafic volcanic with streaks of feldspar-quartz along foliation		

2014-06-29	G83	645493.9	5408670.9	14200N					Line 14200N - Fine to medium grained mafic volcanic with felsic veining		
2014-06-29	G84	645571.7	5408744.1	14200N	725E	205			Ridge of foliated mafic volcanic with quartz veining along foliation - some red sulphide spots in quartz veins; strike 205 foliation; may be a boulder - sample; at 725E	24	E5390943
2014-06-29	G85	645631.2	5408801.8	14200N			140		Foliated mafic volcanic with quartz veining		
2014-06-29	G86	645674.8	5408839.9	14200N	875E	150	61		Sheared quartz vein-bearing mafic volcanic - sample of sulphide/quartz vein - west of 875E		E5390944
2014-06-29	G87	645691.7	5408844.5	14200N				56	Large rock face exposure of sheared hornblende-feldspar schist mafic volcanic with some sulphide spots		
2014-06-29	G88	645696.7	5408851.5	14200N	900E				Sulphide zone in silica-banded mafic volcanic shear zone - rock face exposure - fine grained pyrite occurs in quartz/silica bands - sulphidized; sample; at 900E		E5390945
2014-06-29	G89	645749.6	5408894.3	14200N					Large exposure of foliated mafic volcanic north of tie line		
2014-06-29	G90	645811.9	5409036.3	trail - b/w 14200N and 14300N			165		Sulphide zone on trail - sample of gossan with fine grained blebs of pyrite		E5390946
2014-06-29	G91	645732.9	5409012.8	14300N	1050E				Contact of mafic volcanic to east with shreaded feldspar porphyry to west - striped felsic-mafic schist with quartz vein at contact; strike 150 foliation in schist; sample of striped rusty schist with very fine blebs of pyrite; G91a sample - sample of schist; G91b - sample of quartz vein; near target line 14300N 1050E collar	24b	E5390947. E5390948
2014-06-29	G92	645672	5408959.5	14300N		150			Foliated mafic volcanic with some thin felsic layers along foliation		
2014-06-29	G93	645712.6	5408918.3	14300N					Large ridge exposure of mafic volcanic		
2014-06-29	G94	645726.6	5408897.1	14300N				60	Exposure of foliated mafic volcanics on ridge		
2014-06-29	G95	645779.3	5408843.3	14300N		148	69		Ridge of sheared mafic volcanics		
2014-06-29	G96	645703.5	5408856.2	Tie line		145	55		Tie line - foliated mafic volcanics		
2014-06-30	G97	645446.7	5409223	Tie line		150	58		Tie line north of 14600N - outcrop of mafic volcanic - striped felsic/quartz interbands in hornblende schist; few fine grained pyrite blebs		
2014-06-30	G98	645432.7	5409253.2	Tie line					Micaceous hornblende schist mafic volcanic with granitic bands along foliation - sample - some rust, minor sulphide; at Line 1080E 14625N		E5390949
2014-06-30	G99	645425.6	5409302.3	14700N	1000E				Line 14700N at 1000E - two drill hole casings azimuth down the line to the east - dips are 41 and 51		

2014-06-30	G100	645454	5409324.4	14700N							Angular float sample of foliated homblende mafic volcanic with granitic bands bearing fine grained pyrite blebs along foliation - sample	E5390950
2014-06-30	G101	645463.8	5409330.4	14700N	1050E	158					At 1050E - outcrop of foliated mafic volcanic with granitic bands	
2014-06-30	G102	645508.9	5409371.1	14700N		162	60				Foliated mafic volcanic	
2014-06-30	G103	645514.1	5409378.8	14700N	1125E	158	58				Quartz vein float sample of quartz - sample; nearby foliated mafic volcanic exposure has strike 158 dip 58; a couple metres west of 1125E	E5390951
2014-06-30	G104	645601.1	5409458.4	14700N	1245E	151	67				Foliated mafic volcanic - there are a few felsic interlayers and rust along weathered fractures at 1245E	
2014-06-30	G105	645674.6	5409510.8	14700N	1325E	154					Exposure of foliated, felsic and quartz veinlet-banded mafic volcanic; at 1325E	25
2014-06-30	G106	645690.3	5409511.1	14700N	1350E	141	76				Base of hill at 1350E; foliation is 141 in mafic volcanic	
2014-06-30	G107	645701	5409594.9	14700N							Foliated mafic volcanic	
2014-06-30	G108	645655.3	5409574.3	14700N		175	53				Foliated mafic volcanic	
2014-06-30	G109	645564.6	5409611.3	14700N		164					Found Line 14800N - high ridge of mafic volcanic	
2014-06-30	G110	645383.8	5409436.1	14800N							West side of large mafic volcanic ridge at 1050E	
2014-06-30	G111	645334.4	5409392.2	14800N	1050E	159					Foliated mafic volcanic at 1000E	
2014-06-30	G112	645311.9	5409374.1	14800N	1000E	146					Float of quartz from big vein somewhere - photo Z6, west of tie line, outcrop at this location is green mafic volcanic	26
2014-06-30	G113	645291.4	5409355.7	14800N							Foliated mafic volcanic	
2014-06-30	G114	645223.3	5409287.9	14800N	850E						At 850E, float of orange sulphidic quartz vein in green mafic volcanic - sample	27
2014-06-30	G115	645216.4	5409267.9	14800N							Green mafic volcanic exposure	
2014-06-30	G116	645176.5	5409246.8	14800N	775E	161					Foliated mafic volcanic at 775E	
2014-06-30	G117	645165.7	5409230.4	14800N							Small piece of quartz under tree root	
2014-06-30	G118	645135.5	5409210.5	14800N	725E						At 725E, old drill casing with azimuth on line to the east, dip 50	

2014-06-30	G119	645119.8	5409194.1	14800N	700E	155	67	Mafic volcanic		At 700E, mafic volcanic; striped felsic-mafic banded volcanic schist with a quartz knot on foliation; sample of brown micaceous striped rock - photo 28	28	E5390953
2014-06-30	G120	645081.4	5409153.6	14800N	650E			Rusty volcanic float sample		Float sample probably from side of nearby outcrop - rusty striped micaceous volcanic - sample; at 650E		E5390954
2014-07-01	G121	645444.7	5409202.7	14600N	950E			Rusty volcanic float sample		Line 14600N 950E - sheared mafic volcanic boulder with gossan on side of quartz vein - micaceous with pyrite - sample		E5390955
2014-07-01	G122	645352.9	5409120.7	14600N	825E			Mafic volcanic boulder		Large boulder of foliated mafic volcanic with a few granite-quartz bands along foliation - at 825E		
2014-07-01	G123	645319.9	5409086.8	14600N	770E			Rusty volcanic boulder		Large boulder of foliated mafic volcanic with sulphidized 2-3cm wide quartz vein along foliation - sample; at 770E		E5390956
2014-07-01	G124	645317.6	5409071.2	14600N				Mafic volcanic boulder		Boulder of medium grained green hornblende mafic volcanic		
2014-07-01	G125	645287.8	5409051.6	14600N	725E	142		Sulphide		Outcrop of foliated mafic volcanic gossan - sample; at 725E		E5390957
2014-07-01	G126	645260.2	5409048.4	14600N	690E	140	65	Mafic volcanic		At 690E, outcrop of rusty banded, foliated mafic volcanic - sample; float of feldspar porphyry nearby		E5390958
2014-07-01	G127	645229.5	5409008.6	14600N	650E	130	55	Mafic volcanic / feldspar porphyry		At 650E, large gossanous mafic volcanic sticking out of the ground which has been previously sampled; there are small orange-white porphyry and quartz veins - new sample	29	
2014-07-01	G128	645201.2	5408993.1	14600N	612E	150		Mafic volcanic		Foliated felsic-mafic banded volcanic schist with fine grained pyrite along foliation - sample; at 612E		E5390959
2014-07-01	G129	645190	5408962.9	14600N	575E			Mafic volcanic / feldspar porphyry boulders		Large boulders on the side of drill trail of volcanic with stretched porphyry pods and veins - sample looks like very fine grained arsenopyrite in association with small orange sulphidized quartz veins; at 575E	30, 31	E5390960
2014-07-01	G130	645152.2	5408937.3	14600N	530E			Rusty mafic volcanic		Mafic volcanic schist with quartz interbands along foliation - sulphidized; sample; at 530E	32	E5390962
2014-07-01	G131	645135.8	5408979.5	Wolf trench trail				Sulphide		Quartz-felsic veined gossan in mafic volcanic on drill trail - sample		E5390963
2014-07-01	G132	645052.5	5409020.3	Wolf trench				Sulphide		Wolf trench sample of sulphide - 12 % pyrite sample in gossan schist		E5390964
2014-07-01	G133	645052.7	5409020.2	Wolf trench				Sulphide		Another gossan sulphide sample		E5390965
2014-07-01	G134	645054.8	5409027.1	Wolf trench				Feldspar porphyry		Altered sulphidized feldspar porphyry on east side of gossan		E5390966
2014-07-01	G135	645046.9	5409029.5	Wolf trench				Mafic volcanic		Sheared felsic banded altered mafic volcanic at west contact - sample		E5390967

2014-07-08	G150	645095.2	5408829.4	trail - b/w 14600N and Wolf trench trail					Rusty volcanic float sample	Rusty, purple-green banded, micaceous, sulphidized mafic volcanic float - sheared with very fine grained pyrrhotite in the purple mica alteration - sample; slight magnetism in sulphide	37	E5391016
2014-07-08	G151	645092.8	5408820.2	trail - b/w 14600N and Wolf trench trail					Rusty quartz float sample	Rusty float of quartz vein in mafic volcanic - sample	38	E5391017
2014-07-08	G152	645103.3	5408832.9	trail - b/w 14600N and Wolf trench trail					Sericite schist/Feldspar porphyry float	Sulphidized, orange, sheared sericitic-altered probably porphyry - sample with very fine pyrite along foliation	39, 40	E5391018
2014-07-08	G153	645108.5	5408828	trail - b/w 14600N and Wolf trench trail					Rusty volcanic float sample	Sulphidized, purple-green-altered mafic volcanic, sheared with fine grained pyrite - float sample on trail; sulphidized quartz veining		E5391019
2014-07-08	G154	645106.5	5408839.4	trail - b/w 14600N and Wolf trench trail					Rusty volcanic float sample	Small rusty float gossan, highly sheared up to 0.5cm wide purple and green - muscovite and green mineral and quartz bands; 10% very fine to medium grained pyrite along foliation of alteration - sample		E5391020
2014-07-08	G155	645105.3	5408849.8	trail - b/w 14600N and Wolf trench trail					Rusty volcanic float sample	Rusty gossan float mafic volcanic-hosted mineralized sample with very fine grained pyrite in cherty silica		E5391021
2014-07-08	G156	645111.2	5408857.9	trail - b/w 14600N and Wolf trench trail					Sericite schist/Feldspar porphyry float	Large sheared orange-gray sulphidized siliceous boulder from sheared porphyry alteration; sample of very fine grained pyrrhotite-pyrite in muscovite - photo 39; some very fine grained chalcopyrite; East plunging lineation fabric - photo 40 showing sheared fabric	41, 42	E5391022
2014-07-08	G157	645116.3	5408850.7	trail - b/w 14600N and Wolf trench trail					Lamprophyre	Outcrop just North of sericitic mineralized shear zone - lamprophyry-porphyry dike X-cutting at St. 175 - 3cm wide dike in mafic volcanic host rock - photos 41, 42; larger lamprophyre unit to South toward shear - photo 43	43, 44, 45	
2014-07-08	G158	645112.2	5408847.3	trail - b/w 14600N and Wolf trench trail					Rusty mafic volcanic	Sulphide shear zone with green to black to purple alteration of possible diopside (looks like jade) or green mica with purple sericite - green mineral is possible Cr-bearing; fine grained pyrite sulphide - sample 158A - photo 44; quartz vein with fuchsite at same location - sulphidized - sample 158B - photo 45	46, 47	E5391023, E5391024
2014-07-08	G159	645118.5	5408842.1	trail - b/w 14600N and Wolf trench trail					Sericite schist/Feldspar porphyry float	Mineralized shear zone float sample on trail - quartz - sulphidized along foliation		E5391025
2014-07-08	G160	645128.8	5408848.6	trail - b/w 14600N and Wolf trench trail					Sulphide float	Sulphide gossan float sample on trail, black micaceous - sample		E5391026

2014-07-08	G161	645135	5408851.8	trail - b/w 14600N and Wolf trench trail					Gossan mineralized float sample on trail - very fine grained pyrrhotite sulphide		E5391027
2014-07-08	G162	645142.6	5408854	trail - b/w 14600N and Wolf trench trail					Sheared purple and green banded float of mafic volcanic - purple sericitic bands - sample - rusty sulphidized		E5391028
2014-07-08	G163	645148.1	5408843.9	trail - north of Wolf trench trail					Rusty quartz-rich sulphidized float sample - photo 46; nearby floats of thin quartz-interbanded 48 sheared mafic volcanic with rusty spots and bounding feldspar porphyry		E5391029
2014-07-08	G164	645157.3	5408863.4	trail - north of Wolf trench trail					Rusty sulphidized mafic volcanic float sample contains very fine pyrrhotite sulphide in dark green-black groundmass - sample		E5391030
2014-07-08	G165	645160.5	5408870.4	trail - north of Wolf trench trail					Gossan of thin quartz vein-sulphidized float sample		
2014-07-08	G166	645170.5	5408865.7	trail - north of Wolf trench trail					Large boulder of sheared felsic intrusive-banded sulphidized volcanics - photo 47; photo 48 of 49, 50 green and purple banded, sericitized shear zone volcanics float - sample with 5% very fine pyrite mineralization - sulphidized quartz vein in same float		E5391031
2014-07-08	G167	645201.6	5408875.3	trail - north of Wolf trench trail					Sample of sulphidized quartz vein-bearing mafic volcanic - looks like brecciated feldspar porphyry frags or lenses in mafic volcanic - less shear		E5391033
2014-07-09	G168	645122.1	5408803.5	trail - b/w 14600N and Wolf trench trail					Sericite schist - highly sheared with fine grained pyrite sulphide - sample		E5391034
2014-07-09	G169	645114.3	5408779.7	14500N					Feldspar porphyry breccia unit with dark angular mafic volcanic clasts		
2014-07-09	G170	644979.1	5408782.6	14600N					DDH WZ-10-25 and WZ-10-26 Az 50 Dip 45 and 65		
2014-07-09	G171	644937.8	5408880.9	14700N	350E				Line 14700N at 350E - site of drill collar area		
2014-07-09	G172	645790.3	5409072.4	trail - at 14300N					Three samples: G172A - sericite banded schist with quartz vein and very fine pyrrhotite sulphides; G172B - feldspar porphyry with medium to coarse grained clotty pyrrhotite sulphides in a cherty groundmass, fine grained pyrite; G172C - cherty porphyry with fine grained pyrite sulphides		E5391035, E5391036, E5391037
2014-07-09	G173	645289.5	5409421.7	Tie line					Tie line going west - Mafic volcanic, massively textured		
2014-07-09	G174	645280	5409428.4	14900N	975E	157			Line 14900N at 975E going north - outcrop of green mottled hornblende mafic volcanic		

2014-07-09	G175	645292.4	5409446.2	14900N	952E	175		Mafic volcanics / quartz	Outcrop of quartz vein foliated mafic volcanics - sample; vein is sulphidized; Photo 51 - at 952E; at 1000E; there's a small feldspar porphyry dike X-cutting the volcanics	51	E5391038
2014-07-09	G176	645306	5409451.5	14900N	1008E	180	65	Mafic volcanic / quartz vein	8cm wide quartz vein X-cutting mafic volcanic - sample of sheared silica-banded mafic volcanic with <1% fine grained pyrite sulphide - at 1008E		E5391039
2014-07-09	G177	645324.4	5409475.7	14900N				Granite boulder	Large granite boulder - coarse grained quartz-rich graphic young granite; feldspar-quartz-biotite composition; has a foliation and some rust		
2014-07-09	G178	645394	5409517.6	14900N				Mafic volcanic / felsic dike	Foliated silica selvage-banded greenstone volcanics with few quartz knots along foliation - photos 53, 54; Very coarse grained K-spar-rich felsic dike. X-cuts foliated volcanics contains K-spar with 3% 1.5cm wide quartz crystals - at 1120E; photo 55 of K-spar intrusion	53, 54, 55	
2014-07-09	G179	645415.6	5409543.1	14900N	1120E			Mafic volcanic	Green foliated mafic volcanic at 1150E		
2014-07-09	G180	645423.9	5409552.5	14900N	1150E	139		Mafic volcanic	Sheared mafic volcanics with potassic veinlets - light orange soil on surface photo 56; to north is south boundary of mafic volcanic ridge	56	
2014-07-09	G181	645431	5409557.8	14900N	1175E		69	Mafic volcanic	2.5m wide cream-pink potassic felsic intrusive north of potassic veinlet-rich mafic volcanic - intrusion strikes 115 - the granite is a bit rusty on surface - at 1175E		
2014-07-09	G182	645438.4	5409570.6	14900N				Felsic intrusion	Foliated silica-streaked mafic volcanic		
2014-07-09	G183	645465.3	5409583.1	14900N		170		Mafic volcanic	Silica selvage-veined foliated green mafic volcanics		
2014-07-09	G184	645626.6	5409725.9	14900N	1440E	150		Mafic volcanic shear zone	Outcrop of sheared mafic volcanics with some felsic interbands along foliation - sulphidized with 3% fine grained disseminated pyrite - sample; at 1440E	57, 58	E5391040
2014-07-09	G185	645673.1	5409760.8	14900N	1508E	153		Mafic volcanic shear zone	At 1508E, strongly sheared mafic volcanic with thin felsic bands along foliation	59	
2014-07-09	G186	645747.1	5409870.7	B/w 14900N and 15000N				Granite	Granite outcrop under tree - lots of overburden, looks foliated		
2014-07-09	G187	645661.8	5409887.8	15000N	1585E	145		Mafic volcanic shear zone	Line 15000N at 1585E - Outcrop of sheared mafic volcanic similar to G185 is felsic streaked - looks like could be sulphide		
2014-07-09	G188	645644.6	5409881.1	15000N	1562E	160	51	Mafic volcanic shear zone	Sheared, banded mafic volcanic - sample, some pyrite along a felsic band; at 1562E	60, 61	E5391041
2014-07-09	G189	645633.6	5409875.4	15000N	1550E	150	59	Mafic volcanic shear zone / quartz veins	Sulphidized quartz vein-bearing highly strained shear zone in mafic volcanic - sample of quartz vein - at least 1m width of sulphidized quartz veining; at 1550E	62, 63	E5391042

2014-07-10	G207	645438.5	5409088.2	trail - b/w Wolf trench and tie line				Quartz float	Large quartz float on East side of trail with other quartz and FP floats around		
2014-07-10	G208	645458.4	5409095.8	trail - b/w Wolf trench and tie line				Muscovite-garnet schist float	Coarse grained purple muscovite-rich float sample with 5% fine grained pyrite sulphides along foliation - lots of fine grained garnets		E5391057
2014-07-11	G209	645655.1	5409700.1	14800N	1448E	130	52	Mafic volcanic	Line 14800N; Sheared mafic schist volcanic with thin felsic interbands along foliation - sample of fine grained pyrite; at 1448E	64	
2014-07-11	G210	645683.4	5409729.1	14800N	1497E	160		Sheared granite / mafic volcanic	Sheared leucocratic felsic-dominant schist with sheared green chloritic bands at 1497E; at 1500E, there's sheared mafic volcanic again with felsic interbands	65	
2014-07-11	G211	645684.9	5409735.4	14800N		160		Sheared mafic volcanic / feldspar porphyry	Sheared mafic volcanic with 10cm wide sheared feldspar porphyry or granite along foliation - sulphidized; sample of sulphidized schist with quartz veinlets - fine grained pyrite	66, 67	
2014-07-11	G212	645700.3	5409740.5	14800N	1525E	154		Mafic volcanic / granite	Contact zone with up to 20cm wide beige sheared felsic dikes along foliation, quartz veinlets in mafic schist; at 1525E	68	E5390974
2014-07-11	G213	645768.1	5409846.2	East of 15100N				Granite	Large exposure of granite probable outcrop, lots of granite boulders in area		
2014-07-11	G214	645652.8	5410042.6	West of 15100N	1625E	160		Granite	To west of Line 15100N at 1625E - granite outcrop - beige colour, foliated with quartz crystals along foliation		
2014-07-11	G215	645577.8	5410054.6	15200N	1677E	160	59	Mafic volcanic	Line 15200N going South at 1677E - Sheared mafic volcanic with thin felsic interbands along foliation	69	
2014-07-11	G216	645346.7	5409889.9	15200N	1390E	160		Mafic volcanic	Outcrop of foliated mafic volcanic; at 1390E		
2014-07-11	G217	645342.7	5409886.5	15200N	1380E			Mafic volcanic	Felsic-mafic banded volcanic schist zone; unit is sulphidized; sample contains lots of fine glistening masses of mica; at 1380E	70	E5390975
2014-07-11	G218	645072.7	5409646.7	15200N	990E			Mafic volcanic	Foliated mafic volcanic at 990E, south of tie line		
2014-07-11	G219	645136.9	5409592.1	Tie line		150		Mafic volcanic	On tie line at 15097N - sheared mafic volcanic schist with felsic interbands along foliation		
2014-07-11	G220	645108.7	5409450.1	15000N	10670E	old pl	54	Gabbro	Line 15000N south of tie line - fine grained gabbro outcrop; there's a pond to the south; at 10670E on old picket		
2014-07-11	G221	645206.3	5409647	15100N	1004E		59	Mafic volcanic	Line 15100N going north of tie line - sheared mafic volcanic; at 1004E		

2014-07-12	G222	645027.3	5409105.9	14800N	575E	160		Mafic volcanic	Line 14800N going south of tie line at 575E - green mafic volcanic, massively textured	
2014-07-12	G223	644933.7	5409019.5	14800N	450E			Mafic volcanic	On drill trail at 450E - green massive mafic volcanic with some rusty spots	
2014-07-12	G224	644773.7	5408870.7	14800N	233E	163	67	Mafic volcanic	Sheared tuffaceous mafic volcanic with fine to medium grained blebs of pyrite - sample; looks beige altered and sulphidized on weathered surface; at 233E	71, 72
2014-07-12	G225	644762.6	5408855.2	14800N	215E	142	75	Mafic volcanic	Dark green foliated mafic volcanic at 215E	
2014-07-12	G226	644660	5408756.9	14800N		135	75	Mafic volcanic / feldspar porphyry	Cream-pink sericitic-altered probable sheared feldspar porphyries in green mafic schist volcanics - sample - sulphidized zone; very fine pyrite in cherty bands	73
2014-07-12	G227	644642.2	5408764.4	14800N				Quartz vein / sulphide	On drill trail, carbonate-altered quartz veined sulphidized shear zone in mafic volcanic	74
2014-07-12	G228	644640.7	5408769.9	14800N	020E	129		Quartz vein / sulphide	Sample location, already been sampled, 10-15% fine grained pyrite in silica bands; green massive mafic volcanic on north side; long trench at 020E to south with striations at 195	75
2014-07-12	G229	644546.9	5408929.6	15000N	106E			Mafic volcanic boulder	Line 15000N going north of baseline - at 106E, large boulder of massive green mafic volcanic	
2014-07-12	G230	644579.4	5408957.5	15000N	150E			Sericite float sample	Float samples under tree root of sheared, sulphidized, purple muscovite banded mafic volcanic - sample at 150E - fine grained pyrite blebs along foliation - photo 76; photo 77 of nearby boulder of mafic volcanic shear with sulphidized felsic bands	76, 77
2014-07-12	G231	644653.9	5409017.1	15000N	240E	314	80	Mafic volcanic float	Large outcrop-float of foliated mafic volcanic with rust on weathered surface; at 240E	
2014-07-12	G232	644727.5	5409089.7	15000N	342E			Mafic volcanic	Outcrop of massive green mafic volcanic that is mottled on the surface; at 342E	
2014-07-12	G233	644788.6	5409154.1	15000N	431E	170	64	Mafic volcanic	Ridge exposure of sheared mafic volcanic - few felsic thin bands with rust on fractures - sample of sulphidized felsic veining; photo 78 of sample; at 431E	78
2014-07-12	G234	644823.8	5409206.5	15000N				Mafic volcanic	Mafic volcanic outcrop contains X-cutting 1cm wide felsic veinlets	
2014-07-12	G235	644829.9	5409204.8	15000N	500E			Quartz vein / sulphide	Sulphidized quartz vein sample location - to west of line at 500E	79
2014-07-12	G236	644862.3	5409227.1	15000N				Gabbro	Green massive coarse grained gabbro outcrop at 538E	
2014-07-12	G237	644898.8	5409262.6	15000N	590E	169		Mafic volcanic	Gossan in foliated mafic volcanic - very fine black shiny mica and amphibole-rich - sample; at 590E	80
2014-07-12	G238	644939.7	5409303	15000N	640E			Quartz vein / sulphide	Float of sulphidized quartz veins foliated in mafic volcanic - sample of fine grained pyrite sulphides; at 640E	81
2014-07-12	G239	644981.6	5409313.3	15000N	687E	175		Mafic volcanic	Large exposure on edge of wetland area of massive green foliated mafic volcanics with irregular coarse quartz veins in spots; at 687E	82, 83
2014-07-12	G240	644960.7	5409255	B/w 14900N and 15000N		151		Mafic volcanic	Green foliated mafic volcanic has non-uniform texture in this exposure	
2014-07-12	G241	644961.3	5409247.1	B/w 14900N and 15000N			55	Mafic volcanic / sulphide	Sheared felsic-mafic banded schist zone with quartz veining and sulphidization; sample contains very fine pyrite blebs; sample 32909 is nearby to the east	E5390998
2014-07-12	G242	644932.3	5409147.4	14900N	500E			Quartz vein / sulphide	Angular float of sulphidized quartz vein shear zone volcanics, very micaceous - sample; near Line 14900N 500E	85

2014-07-12	G243	645077.2	5409258.3	14900N	705E				Massive green mafic volcanic at 705E			
2014-07-12	G244	645120.9	5409300.7	14900N	767E				Outcrop of green, foliated mafic volcanic at 767E			
2014-07-12	G245	645245	5409398.8	14900N	923E				South slope of ridge of foliated mafic volcanics - sample of sericitic alteration that is sulphidized; at 923E			E5390980
2014-07-13	G246	644651.7	5408884.1	14900N	152E	125			Line 14900N going north of baseline at 152E - foliated mafic volcanic with felsic veinlets			
2014-07-13	G247	644686	5408914.5	14900N	200E	135			Large trench of dominant green foliated mafic volcanic at 200E		86	
2014-07-13	G248	644735.1	5408953.2	14900N	265E				At 252E, green tuffaceous mafic volcanic. At 265E, there is a float of coarse gabbro like at G236			
2014-07-13	G249	644812	5409018.6	14900N	360E				Large trench of mafic volcanic with X-cutting 0.5 to 1.5ft wide feldspar porphyry dikes - at 350E; sample at 360E of sulphidized quartz veining in a shear with coarse garnets in the selvages		87	E5391000
2014-07-13	G250	644886.4	5409087.8	14900N	454E				Massive green pillow mafic volcanic with irregular felsic selvaging between pillows; at 454E			
2014-07-13	G251	644819	5409124.1	Drill trail - b/w 14900N and 15000N					Drill hole casing Az N65 Dip 40			
2014-07-13	G252	644747.4	5409227.3	15100N	433E				Drill collar going north on Line 15100N drilling Az 50 Dip 40 at 433E; large 2m wide feldspar porphyry intrusion just to North of collar X-cutting mafic volcanic			
2014-07-13	G253	644781.6	5409248.1	15100N	469E	140	90		At 469E, foliated dark green mottled mafic volcanic			
2014-07-13	G254	644858.7	5409320.7	15100N	574E				At 574E, dark green coarse grained gabbroic textured unit - contains porphyritic 0.5cm wide dark olive green biotites in a groundmass of black hornblende-white feldspar; feldspar rims the porphyritic biotite; another exposure shows coarse 0.5cm subophitic feldspar in a hornblende groundmass		88	
2014-07-13	G255	644932.3	5409383.5	15100N	694E				Non-uniform textured exposure of gabbro with granophyric K-spar with amphibole veins at 694E			
2014-07-13	G256	644950	5409442.6	B/w 15100N and 15200N					Finer grained more foliated mafic with 1ft wide equidimensional light pink granitic clast			
2014-07-13	G257	644822.7	5409425.6	15200N	650E		195		Line 15200N at 650E going South - gabbro with lots of 1cm wide X-cutting cream-pink feldspar veins			
2014-07-13	G258	644731	5409318.2	15200N	500E				Massive green mafic volcanic with irregular thin feldspar veinlets - looks like G250; on drill trail to east of line at 500E			
2014-07-13	G259	644527.9	5409174.4	15200N	253E				Mafic volcanic sulphidized shear zone with very fine pyrite blebs; contains thin up to 2cm wide sulphidized quartz veins sheared along foliation; sample at 253E		89	E5390981
2014-07-13	G260	644427.1	5409081.3	15200N	125E				Sheared gossan boulder of sulphidized mafic volcanics at 125E; sample with few very fine pyrite blebs, micaceous; there's a FP dike bordering the mafic			E5391001
2014-07-13	G261	644351.8	5409149.4	15300N	077E				Large angular float of rusty sulphidized mafic volcanic zone on line 15300N at 077E			
2014-07-13	G262	644523.2	5409306.8	15300N	321E				Sheared felsic-mafic banded quartz vein-bearing mafic volcanic - large boulder; sample with few fine pyrite blebs on side of vein; at 321E			E5391002

2014-07-17	G299	646431.4	5407492.8	12700N	500E					Large outcrop ridge of green mafic volcanic		
2014-07-17	G300	646202.6	5407314.8	12700N	220E	137				On top of anomaly - large trench south of Sugar Zone with metre-wide white feldspar porphyry intrusions; highly sheared pillows in basalt - garnets in pillow selvages; FP strikes 141		
2014-07-17	G301	646299.7	5407192.6			130	60	Trench		Sugar Zone - large white felsic intrusion is really silicified and micaceous purple; strike 130 of dike; host rock is green sheared pillow basalt; plunging N? on quartz vein	113, 114, 115	E5554160
2014-07-17	G302	646377.2	5407138.4					Trench		Large felsic intrusion 3-4m wide	116, 117, 118	
2014-07-18	G303	645712.5	5409782.5	14900	1550E	143		Trench		Sharp contact between mafic volcanic to South and pink granitic foliated intrusion to North - Matt K samples		
2014-07-18	G304	645284	5410284.1	North of 15300N			60	Mafic volcanic		Rock face of mafic volcanic is foliated with thin white veinlets along foliation - sample MK-022		
2014-07-18	G305	645224.9	5410522.2	North of 15300N				Mafic volcanic / quartz vein shear zone		Sample of quartz vein sheared volcanic - very fine to fine grained pyrite		E5554161
2014-07-18	G306	645228.8	5410548	North of 15300N				Mafic volcanic / quartz vein shear zone		Quartz vein sulphide deformation zone		
2014-07-18	G307			North of 15300N				Mafic volcanic / quartz vein shear zone		Photo 119 - photo of large quartz vein-rich zone - large dark brown biotite and actinolite minerals indicate K-enrichment and calc-silicate enrichment - sample with fine sulphide	119	E5554162
2014-07-18	G308	645214.6	5410564.8	North of 15300N				Mafic volcanic / quartz vein shear zone		Another sample location - dark green actinolite with quartz veining - rock is hard, sulphidized		E5554163
2014-07-18	G309	645221.6	5410567.9	North of 15300N				Mafic volcanic / quartz vein shear zone		Streaked stockwork fluid-veined sheared mafic volcanic; lots of biotite-actinolite with stringer pyrite-pyrrhotite mineralization - magnetism indicative of pyrrhotite	120	E5554164
2014-07-18	G310	645200.7	5410591.1	North of 15300N		165		Mafic volcanic / quartz vein shear zone		Quartz vein shear zone in mafic volcanics		
2014-07-18	G311	645200.1	5410585.5	North of 15300N		161	63	Mafic volcanic / quartz vein shear zone		Quartz veined zone in volcanics		
2014-07-18	G312	645210.2	5410524.2	North of 15300N				Mafic volcanic / quartz vein shear zone		Sample location in sulphide-spotted, sheared, veined zone		
2014-07-19	G312b			13700N		148	70	Mafic volcanic		North shore of small lake - massive foliated mafic volcanics		E5554165
2014-07-19	G313	645523.1	5408005.3	13700N	273E			Mafic volcanic		Foliated green fine grained hornblende-plagioclase mafic volcanics		

2014-07-19	G314	645578.4	5408037.1	13700N	275E				Feldspar porphyry float	Large float of white-pink, blocky, slightly foliated, pink potassic feldspar porphyry - sample - rusty - off line to the east	121	E5554171
2014-07-19	G315	645574.4	5408032.9	13700N	285E				Feldspar porphyry float	Buried, at source float of beige, very biotite micaceous, foliated, feldspathic, fine grained, gritty textured - sample, rusty		E5554172
2014-07-19	G316	645621.7	5408074.1	13700N	330E	133			Feldspar porphyry	Fine grained, white foliated feldspar porphyry - large unit		
2014-07-19	G317	645687.4	5408153.4	13700N	465E	163	59		Mafic volcanic	Fine grained, massive hornblende-feldspar volcanics outcrop		
2014-07-19	G318	645762.3	5408204.9	13700N	10370E	178	66		Mafic volcanic	Off line to east; photo 122 - foliated, dark green-black mafic volcanics with up to 1cm wide orange, sulphidized felsic veins along foliation - sample	122	E5554166
2014-07-19	G319	645774.5	5408202.3	13700N	10375E or 575E	52			Mafic volcanic / sulphide	Rockface exposure of sheared, felsic veined mafic volcanics; feldspar porphyry vein contains lots of green diopside and purple muscovite alteration - sample	123	E5554167
2014-07-19	G320	645783	5408207.6	13700N	10375E or 575E				Mafic volcanic / sulphide	Another sample location - sulphidized, felsic veined volcanics - sample has a glistening specular hematite and is rusty		
2014-07-19	G321	645819	5408274.6	13700N	642E	170			Mafic volcanic / granite	Contact between foliated mafic volcanic to South and white, foliated coarse grained probable granite to North - foliated granite contains large red spots	124	E5554168
2014-07-19	G322	645883.5	5408356.3	13700N	740E	185	53		Mafic volcanic	Foliated dark green with few thin feldspar bands mafic volcanic		
2014-07-19	G323	645900.5	5408362.7	13700N	750E				Mafic volcanic	Sulphidized, sheared black volcanics, felsic veinlets, very fine grained sulphides along foliation - sample; slight magnetism; quartz veins and lenses along shear	125	E5554169
2014-07-19	G324	645939	5408404.2	13700N					Post location	Claim Post #4 1069334, #1 1069335, #2 1069330, #3 1069331		
2014-07-19	G325	646064.1	5408540.6	Tie line	13715N				Mafic volcanic float	Angular float on tie line of mafic volcanics, foliated with thin felsic veinlets X-cutting the unit		
2014-07-19	G326	646056.6	5408385.3	13600N	812E				Mafic volcanic	Edge of mafic volcanic ridge outcrop on North side - medium grained unit		
2014-07-19	G327	646044.3	5408368.3	13600N	785E	137			Sulphide	Sulphidized foliated mafic volcanic zone on North slope of large hill - fine grained pyrrhotite stringer sulphide - magnetic - sample		E5554170
2014-07-19	G328	645975	5408303.6	13600N	698E				Mafic volcanic	Green mafic volcanic on top of hill		
2014-07-19	G329	645961	5408297	13600N	675E				Mafic volcanic	Green mafic volcanic		
2014-07-19	G330	645953	5408284.5	13600N	660E				Mafic volcanic	Exposure of foliated mafic volcanic - very fine grained, crumbles, rusty mud		
2014-07-19	G331	645923	5408257.4	13600N	625E	159	56		Mafic volcanic	Green foliated mafic volcanic		
2014-07-19	G332	645895.7	5408241.9	13600N	592E				Mafic volcanic	Small rock face of foliated mafic volcanics		
2014-07-19	G333	645862.1	5408222.3	13600N		160			Mafic volcanic	Steep ridge of foliated mafic volcanic		
2014-07-19	G334	645862.6	5408203.3	13600N	535E	146	64		Granite	Sheared, buff coloured granite, foliated on margin of mafic volcanics		
2014-07-19	G335	645795.8	5408151.3	13600N	453E				Mafic volcanic	Light green, felsic vein/banded mafic volcanic with sulphidized spots - top exposure		

2014-07-19	G336	645772	5408130.8	13600N	423E				60	Mafic volcanic	Mafic volcanic, foliated with felsic veinlets along foliation		
2014-07-19	G337	645583.9	5407886	B/w 13600N and 13500N						Mafic volcanic	Foliated mafic volcanics		
2014-07-20	G338	645769.7	5409477.4	14600N	1387N					Mafic volcanic / quartz vein	G338A - Sample of siliceous wallrock to quartz vein in mafic volcanics; G338B - sample of smokey grey quartz vein	E5554173, E5554174	
2014-07-20	G339	645775.9	5409472.2	14600N	1387N	132				Siliceous mafic volcanic	NF-042 D and E samples - silicified wallrock, trace pyrite		
2014-07-20	G340	645778.8	5409476.2	14600N	1387N					Mafic volcanic / sulphide	Foliated dark green, sulphidized wallrock - schist - very fine grained	E5554175	
											Gossan Zone		E5554176
	MK 010	645106	5410178	North of 15300N									E5554177
	MK 011	645119	5410215	North of 15300N									E5554178
	MK 012	645211	5410489	North of 15300N									E5554179
	MK 013	645210	5410495	North of 15300N									E5554180
	MK 014	645222	5410523	North of 15300N									E5554181
	MK 015	645705	5409792	15900N						Trench			E5554182
	MK 016	645708	5409795	15900N						Trench			E5554183
	MK 017	645711	5409789	15900N						Trench			E5554184
	MK 018	645711	5409789	15900N						Trench			E5554185
	MK 019	645711	5409788	15900N						Trench			E5554186
	MK 020	645711	5409786	15900N						Trench			E5554187
	MK 021	645710	5409734	15900N						Trench			E5554188
	MK 022	645715	5409790	15900N						Trench			E5554189
	MK 023	645278	5410283	North of 15300N						Mafic volcanic			
2014-07-21	G341	645510.4	5408231.5	Off line 13800N to west.						Mafic volcanic float	Float of sheared mafic volcanic with some purple muscovite felsic bands		E5554190
2014-07-21	G342	645558	5408263.6	Off line 13800N to west.						Mafic volcanic, sulphide	MH-103 sample location - sheared, sulphidized mafic volcanic with pyrrhotite sulphides		

2014-07-21	G343	645588.1	5408252.1	Off line 13800N to west					Dark green massive mafic volcanics			
2014-07-21	G344	645603	5408234.5	13800N	402E				Sulphide zone in mafic volcanics - foliated, rusty and micaceous - sample - same zone as G342/MH-103			E5554191
2014-07-21	G345	645599.3	5408208.6	East of 13800N	350-400E				Rockface exposure of massive medium grained knobby mafic volcanic - older orange flag at this location			
2014-07-21	G346	645583.1	5408192.1	East of 13800N	350-400E				Floot of foliated quartz eye pink-light green sericitic feldspar porphyry - fine grained sample; outcrop consists of massive fine to medium grained mafic volcanic		126	
2014-07-21	G347	645671.9	5408109.5	East of 13700N					Large, angular dark mafic volcanic float, sulphidized, within source area - sample; float is foliated, rusty with lots of specular hematite			E5554192
2014-07-21	G348	645722.2	5408121.3	13600N	375				Outcrop of green foliated mafic volcanic			
2014-07-21	G349	645829.8	5408249.5	East of 13700N					Buff coloured foliated felsic intrusion			
2014-07-23	G350	645612.9	5407848.4	13500N	152E				Foliated gossan sulphide zone in mafic volcanics - very fine grained pyrite sulphides - sample			E5554193
2014-07-23	G351	645678	5407910.3	13500N	250E				Feldspar porphyry intrusion			
2014-07-23	G352	645761.2	5407975.8	13500N	354E	160			Foliated mafic volcanics			
2014-07-23	G353	645822.2	5407996.3	East of 13500N	400E				2ft wide feldspar porphyry dike; strike 160 foliation in mafic volcanic; strike 148 in FP dike; there are light green more leucocratic lenses up to 4cm in size in foliation of mafic volcanic on N side of dike			
2014-07-23	G354	645798.6	5407970.3	East of 13500N					Another 2.5ft wide foliated FP dike to South of G353 - rockface exposure of foliated mafic volcanic; sulphidized quartz vein in mafic schist on South side of dike; G353A sample - fine grained pyrite; G53B sample - sericitized sheared FP, sulphide		127	E5554194, E5554195
2014-07-23	G355	645799.2	5407977.2	East of 13500N	146				North side of FP dike that is sulphidized; sample of FP and wallrock; FP is orange and silicified, fine pyrite in rusty mafic volcanic wallrock; coarse grained hornblende in wallrock south of FP zone		128	E5554196
2014-07-23	G356	645799.6	5407942.6	East of 13500N					South end of another rockface of outcrop - mafic volcanic			
2014-07-23	G357	645814.9	5407937.4	East of 13500N					Sulphidized zone in thin felsic banded, foliated mafic volcanic schist; sample of sulphide - lots of very fine pyrrhotite disseminated throughout at 10%; photos 130 and 131 of sample		129, 130, 131	E5554197
2014-07-23	G358	645804	5407947.7	East of 13500N					Exposure of FP dike from G354-G355 on rock face			
2014-07-23	G359	645812.5	5407946.1	East of 13500N					6cm wide white quartz vein along foliation in mafic volcanic on rockface			
2014-07-23	G360	645820.7	5407965.4	East of 13500N	180	50			Mafic volcanic schist with 1.5cm wide feldspar-quartz bands spaced 2 to 5cm apart		132	
2014-07-23	G361	645820.9	5407964.6	East of 13500N					Felsic-banded schist further on rock face to south; some areas of rust on bands		133	

2014-07-23	G362	645824.8	5407965.2	East of 13500N					Feldspar porphyry	Another 2ft wide feldspar porphyry dike in mafic volcanics		
2014-07-23	G363	645844.2	5407962.2	East of 13500N					Feldspar porphyry / mafic volcanic	FP dike X-cutting mafic volcanics		
2014-07-23	G364	645846.5	5407975.9	East of 13500N				52	Mafic volcanic	Foliated mafic volcanic schist		
2014-07-23	G365	645871.3	5407982.6	East of 13500N				56	Sulphide / mafic volcanic	Sulphide in foliated mafic volcanics, banded unit - hematized with medium grained pyrrhotite blebs, very fine pyrrhotite - sample	E5554198	
2014-07-23	G366	645866	5407987.4	East of 13500N				58	Mafic volcanic	Big rockface of foliated mafic volcanics		
2014-07-23	G367	645884.2	5408001.6	East of 13500N					Mafic volcanic / sulphide	Sample on rockface of foliated mafic volcanic with rusty felsic bands; sample G367A - very fine acicular probably actinolite and garnets; sample G367B - orange-white thin quartz veinlets in masses of glistening actinolite or hematite? - little needles	E5554199, E5554200	
2014-07-23	G368	645889.4	5408005.4	East of 13500N					Mafic volcanic / sulphide	Sulphide, quartz-felsic veins and pods in shear zone in mafic volcanic - sample; garnet-actinolite-calcite and sulphide, quartz veinlets	134, 135	
2014-07-23	G369	645908.6	5408019.8	East of 13500N				58	Mafic volcanic / sulphide	Sulphidized felsic veins in stripe-banded mafic schist - sample	136	E5554202
2014-07-23	G370	645911	5408016.6	East of 13500N					Sericitic feldspar porphyry	Sericitic schist feldspar porphyry dike in mafic volcanic - cream coloured, drusy textured - sulphidized on margin - sample		E5554203
2014-07-23	G371	645914.7	5408021.4	East of 13500N					Felsic intrusion	Sheared, white felsic intrusion - could have been previously blasted a hole? - sample		E5554204
2014-07-23	G372	645918.6	5408026.5	East of 13500N					Felsic intrusion	Small, rusty 1ft wide felsic dike, looks previously sampled - sample; large, couple metre-wide felsic intrusion to North	137, 138	E5554205
2014-07-23	G373	645952	5408060.4	East of 13500N					Quartz veins / mafic volcanic	Looks like blasted rock face containing rusty quartz veins	139, 140	
2014-07-23	G374	645974.8	5408083.1	East of 13500N					Mafic volcanic	End of rockface exposure to North - foliated mafic volcanic		
2014-07-24	G375	645635.1	5409879.3	East of 15100N		168			Mafic volcanic	Foliated, felsic banded mafic volcanics	143	E5554206
2014-07-24	G376	645583.2	5409993.5	15200N	1530E	168			Mafic volcanics	Felsic sulphidized bands in mafic schist volcanics	144	
2014-07-24	G377	645773.9	5409473.6	14600N	1385E	143	73		Trench	Sheared feldspar porphyry - all sericitized with porphyritic feldspars; there is up to 20cm sulphidized quartz vein bounding and within the dike - Photos 145 to 149; Strike 130 on FP large dike; crack seal quartz vein; dip 71 on FP dike - non-uniform dip; strike 16 on glacial striae; strike 143, dip 73 of mafic volcanic hanging wall; photo 150 of FP and quartz	145, 146, 147, 148, 149, 150	
2014-07-24	G378	645777.2	5409472.2	14600N	1390-1400E				Quartz vein	Sample of quartz vein - G378A		E5554207
2014-07-24	G379	645781.3	5409480	14600N	1390-1400E				Quartz vein	G379A - sample of quartz vein; G379B - sample of quartz vein; Quartz vein is at north part of trench		E5554208, E5554209
2014-07-24	G380	645975.7	5408307.7	13600N	700E				Mafic volcanics	Foliated mafic volcanics		

2014-07-25	G381	645974.4	5407569.8							Trench 4	FP is 2m wide in shear zone, sulphide		
2014-07-25	G382	646170.1	5407799.6	13100N	480E				58	Mafic schist	Nice felsic-mafic banded sheared volcanics - rust on bands	151	
2014-07-25	G383	646322.8	5407659	East of 12900N	550E	130				Mafic volcanic	Sheared, lensy FP fragments along foliation in mafic volcanics	152	
2014-07-25	G384	646345.2	5407647	West of 12800N	550E	147			55	Sulphide / mafic volcanic / QFP	Sulphide zone with quartz bands, siliceous, pyrite - sample, small QFP on north side		E5554310
2014-07-25	G385	645689.2	5408604.9	12800N						Feldspar porphyry	Feldspar porphyry dike		
2014-07-25	G386	645561.2	5408258.1	West of 13800N	400E	142				Trench	Trench with sulphide zone	153, 154	
2014-07-25	G387	645560.7	5408263	West of 13800N	400E					Sulphide	Sample of sulphide-sheared with very fine pyrite		E5554311, E5554312
2014-07-25	G388	645563.5	5408252.9	West of 13800N	400E					Feldspar porphyry	Sample of sulphidic, bleached FP dike on North margin of sulphide shear zone - 1ft wide dike		E5554313
2014-07-25	G389	645560.6	5408259.6	West of 13800N	400E					Sulphide	Sample of foliated sulphide mafic schist with very fine pyrite throughout		E5554314
2014-07-25	G390	645567	5408255	West of 13800N	400E					Sulphide	Sample of sheared mm-silica banded schist with 10% very fine pyrite		E5554315
	MK 024	645542	5408673										E5554316
	MK 025	645334	5408174										E5554317
	MK 026	645397	5408121										E5554318
2014-07-28	G391	645968.2	5407857.6	East of 13300N		160					1 metre wide feldspar porphyry dike in sheared mafic volcanics at top of cliff exposure	155	
2014-07-28	G392	645968.9	5407853.6	East of 13300N						Feldspar porphyry / quartz / mafic volcanic	Quartz, feldspar porphyry rusty sample in foliated mafic volcanics - large 2 to 2.5m wide FP with coarse quartz vein, sulphidized - sample		E5554319
2014-07-28	G393	645938.2	5407880.2	13300N	435E				55	Sulphide	Sulphidized zone in mafic volcanic - sample	156	E5554320
2014-07-28	G394	645589.8	5408214.3	13800N	375E					Trench	Trench on line 13800N - mafic dike (gabbro) with many big pits in it contains up to 25cm long fragments of feldspar porphyry and smaller clasts in a fine to medium grained gabbroic matrix; foliated mafic volcanics to the side	157, 158, 159, 160	
29-JUL-14 10:20:45AM	G395	645635.5	5408529.5	14000N	675E					Drill collar	Az. 50 Dip -55		
29-JUL-14 10:40:16AM	G396	645630.2	5408412.8	13900N	550E					Drill collar	Az. 50 Dip -55		
29-JUL-14 11:04:34AM	G397	645559.3	5408245.4	13800N	375E					Drill collar	off to west of line; Az. 50 Dip -55 - hole 8		
29-JUL-14 11:26:16AM	G398	645988	5408320.3	13600N	712E					Drill collar	hole 9		
29-JUL-14 12:18:49PM	G399	645934.9	5407886.3	13300N	435E					Sulphide	Very fine pyrrhotite sulphides, really silicified - sample		E5554335
										Trench	Trench 1 on line 14600N; photos 161, 16 - green fuchsite in volcanics between quartz veins	161, 162, 163	

29-JUL-14 1:58:23PM	G400	645704.5	5409522	14700N	IP	154	72	Trench	Trench on line 14700N; mafic volcanics		
06-AUG-14 9:32:02AM	G401	646006.2	5407953.6	13300N	540E	175	54	Mafic volcanic	Foliated mica schist with felsic bands, rusty mafic volcanic - very fine grained pyrite sulphides sample; lineation plunge 60E; bleb of chalcopyrite, magnetite		E5554321
06-AUG-14 10:00:30AM	G402	646002.6	5407905.9	B/w 13300N and 13250N				Quartz vein, sulphide	Rusty quartz vein in foliated micaceous volcanics - dug up sample from trail - sample		E5554322
06-AUG-14 10:10:36AM	G403	646015.9	5407899.4	B/w 13300N and 13250N				Sulphide / mafic volcanics	Sulphidized rockface - big gossan - sample; micaceous, needly volcanics; very fine grained stringer pyrrhotite	164	E5554323
06-AUG-14 10:21:28AM	G404	646008.4	5407865	off 13250N	480E	68		Quartz vein / sulphide	Quartz veins in sulphide zone - very fine grained pyrite, pyrrhotite sulphide in wallrock bounding quartz veins - chalcopyrite	165	E5554324
06-AUG-14 10:47:24AM	G405	645997.4	5407850	East of 13250N				Mafic schist / sulphide	Rusty mafic schist with felsic bands, very micaceous - hematized - sample		E5554325
06-AUG-14 11:00:58AM	G406	646007.9	5407852.5	East of 13250N				Mafic volcanic	Foliated mafic volcanics with felsic bands - very fine pyrite		E5554326
06-AUG-14 11:19:40AM	G407	645979.8	5407851.2	13250N	450E			Quartz vein / Feldspar porphyry	Quartz vein - large foliated vein in mafic volcanics; feldspar porphyry on South side of vein - sample of quartz and FP		E5554327, E5554328
06-AUG-14 11:55:28AM	G408	645984.2	5407833.5	B/w 13250N and 13200N				Feldspar porphyry	Feldspar porphyry intrusion in foliated mafic volcanic - set of dikes		
06-AUG-14 12:15:31PM	G409	646040.9	5407788.3	13200N	425E			Mafic volcanic / sulphide	Down rockface near Line 13200N at 425E - IP anomaly - exposed area - sulphidized mafic volcanic wallrock with feldspar porphyry dike set; muscovite-altered mafic volcanic with sulphides - sample		E5554329
06-AUG-14 12:28:52PM	G410	646037.2	5407789.7	13200N				Feldspar porphyry	Sample of feldspar porphyry dike is really muscovite-altered with some diopside - very fine pyrite		E5554330
06-AUG-14 12:33:44PM	G411	646036	5407797.3	13200N		176	62	Mafic volcanic / sulphide	Sample of mafic schist wallrock to FP - fine grained pyrite, chalcopyrite in felsic band		E5554331
06-AUG-14 12:47:53PM	G412	646036.4	5407799.3	13200N				Mafic volcanic	Sample of sulphidized , muscovite-altered mafic volcanic; strike 170 on FP dike	167, 168	E5554332
06-AUG-14 1:03:00PM	G413	646027	5407777.9	13200N				Feldspar porphyry / sulphides	Sample of another FP with very fine pyrite blebs		E5554333
06-AUG-14 1:08:37PM	G414	646028.4	5407768.9	13200N				Sulphide	Sample of sulphide mafic volcanic scraped off outcrop		E5554334
07-AUG-14 8:27:21AM	G415	645626.4	5409865.8	15000N	1540			Drill collar	resampled hole DZ-14-05 on line 15000N at 1540E		
07-AUG-14 8:58:54AM	G416	645620.9	5409716.6	14900N	1425			Drill collar	spotted target on line 14900N at 1425E		
11-AUG-14 9:41:30AM	G417	645828.5	5407798.2	off 13300N	275E			Rusty mafic volcanic float	Sulphidized float sample near source		E5554337
12-AUG-14 8:11:18AM	MK 027	645766.9	5407884.5	West of 13400N	300E			Sericitized rusty feldspar porphyry	Float of feldspar porphyry with quartz and sulphide		E5554336
12-AUG-14 8:22:39AM	G418	645749.3	5407938.3	off 13500N	325E			Sericitized rusty feldspar porphyry	Float - flat slabs of sheared rusty feldspar porphyries - sample		E5554338
12-AUG-14 8:38:07AM	G419	645760.9	5407885.2	West of 13400N	300E			Sericitized rusty feldspar porphyry	Sericite schist - sheared FP with very fine pyrite stringers along fractures; very cherty - sample; rockface of mafic volcanics nearby		E5554339
12-AUG-14 8:46:55AM	G420	645762.1	5407892.7	West of 13400N	300E			Rusty mafic volcanic float	Rusty mafic schist with pyrite sulphides - small quartz veinlets within		E5554340

12-AUG-14 8:57:12AM	G421	645763	5407888.2	West of 13400N	300E		Sericitized rusty feldspar porphyry	Rusty, sulphidized sericite-quartz schist feldspar porphyry with 10% arsenopyrite very fine sulphide in the quartz - photos 169, 170; pinch and swell quartz vein; photo 171 of pit where floats were dug from	169, 170, 171	E5554341
12-AUG-14 10:38:09AM	G422	645803.1	5407846.9	Between 13300N and 13400N	300E		Rusty mafic volcanic float	Rusty mafic schist volcanic float with very fine pyrite stringers - sample		E5554342
12-AUG-14 10:45:06AM	G423	645796.1	5407870.4	13400N	309E	153	Sericitized rusty feldspar porphyry	Sheared rusty, sulphidized feldspar porphyry schist float sample - fine grained disseminated pyrite throughout - sample; lots of mica alteration; strike of foliation in nearby mafic volcanics outcrop is 153 degrees, dip 60		E5554343
12-AUG-14 11:08:39AM	G424	645790.4	5407881.4	Off 13400N to west	309E	151	Sulphide / feldspar porphyry shear zone	Thin sheared feldspar porphyry sulphide zone in outcrop near mineralized floats	172	
12-AUG-14 11:38:56AM	G425	645749.8	5407946.3	Off 13500N to east	325		Sericitized rusty feldspar porphyry	Floater of sheared, sulphidized feldspar porphyry schist contains very fine pyrite in muscovite alteration		E5554344
12-AUG-14 12:09:40PM	G426	645803.4	5407861.8	Between 13400N and 13300N			Feldspar porphyry	Feldspar porphyry on South side of rockface - cherty, pointed, sheared rusty unit - sample		E5554345
13-AUG-14 10:36:04AM	G427	645782.1	5407858	13400N	275		Quartz vein	Sulphidized quartz vein in acicular hornblende-bearing foliated mafic volcanics - sample; strike of vein is 180 degrees		E5554346
13-AUG-14 11:31:42AM	G428	645766.4	5407877	Between 13400N and 13500N	275-300E		Quartz vein	Sulphidized quartz vein in volcanics - sample		E5554347, E5554348
13-AUG-14 11:44:31AM	G429	645764.4	5407885.9	On trail between 13400N and 13500n			Quartz vein / sulphide float	Sulphidized quartz vein float with arsenopyrite along fractures - sample		E5554349
13-AUG-14 11:52:59AM	G430	645753.1	5407881.7	On trail between 13400N and 13500n			Sulphidized feldspar porphyry float	Floater in another pit - muscovite and diopside and diopside banded sheared feldspar porphyry with pyrite blebs		E5554350
13-AUG-14 12:14:30PM	G431	645779.4	5407900	Between 13400 and 13500N	300	56	Feldspar porphyry	Foliated feldspar porphyry dike on north side of drill trail is 1.5ft wide		
13-AUG-14 12:46:43PM	G432	645793.6	5407921	Between 13400 and 13500N	325E	65	Mafic volcanic	Felsic-banded mafic volcanic schist zone with lots of muscovite alteration - sample; white bull quartz vein occurs 3m to the North		E5554351
13-AUG-14 12:56:56PM	G433	645785.7	5407915.1	Between 13400 and 13500N	300 -325E		Quartz vein / sulphide	Large quartz vein on border of sulphidized mafic-felsic stripe banded schist - 25m North of trail - sample; lineation plunges 68 degrees SE	173, 174	E5554352
13-AUG-14 1:15:08PM	G434	645783.3	5407907.8	Between 13400 and 13500N	300 -325	134	Feldspar Porphyry / sulphide	Large 2-2.5m wide feldspar porphyry with rust-sulphidization within it - sample	175, 176	E5554353
14-AUG-14 10:43:34AM	E53873 68			12700N	573E	155	Mafic volcanic / quartz vein / sulphide	Dan's sample location - small quartz vein, sulphide zone in foliated mafic volcanics; Strike 155 degrees on foliation; strike 152 degrees in 8cm wide boudinaged quartz vein		

14-AUG-14 10:43:34AM	G435	646397.4	5407533.3	Between 12700N and 12800N	143			Mafic volcanic	Foliated mafic volcanics with small mm quartz veinlets along foliation		
14-AUG-14 10:49:32AM	G436	646368	5407544.3	Between 12700N and 12800N		500E		Mafic volcanic	Large rockface exposure of foliated pillow basalts	177	
14-AUG-14 10:54:51AM	G437	646372.8	5407548	Between 12700N and 12800N		500E		Mafic volcanic / sulphide	Thin cherty sulphide horizon in foliated mafic volcanics	178	E5554360
14-AUG-14 11:18:15AM	E53873 7			12800N		500E		Mafic volcanic	Dan's sample E538737 in mafic volcanic		
14-AUG-14 11:18:15AM	G438	646365.5	5407584.6	12800N		521E		Mafic volcanic	Outcrop of massive mafic tuff volcanics contains red oxidation on surface - fine grained disseminated pyrite sulphides		
14-AUG-14 11:51:41AM	G439	646266.4	5407587.1	Between 12800N and 12900N		450E-500E		Quartz vein	Sheared boudinaged quartz vein and feldspar porphyry zone on side of large hill exposure	179	
14-AUG-14 12:22:48PM	G440	646284.5	5407657.2	12900N		520E		Sulphide	Sulphide horizon in trench - sample -very rusty, hematized; DDH collar spotted at 515E		E5554361
15-AUG-14 9:41:14AM	G441	645807.9	5407915.3	13400N		350E		Sulphide	Siliceous volcanics with pyrrhotite sulphide - magnetic		E5554354
15-AUG-14 10:36:39AM	G442	645754.6	5407884.5	On trail between 13400N and 13500n				Sericitized rusty feldspar porphyry float	Sample of float with sulphide; DDH collar at 275E on line 13400N		
15-AUG-14 1:05:55PM	G443	645845.5	5407953.1	13400N				Feldspar porphyry	Sample on trench west of 13400N - sulphidized feldspar porphyry sample		E5554356
15-AUG-14 1:11:57PM	G444	645846.1	5407968.2	13400N				Sulphide	Sheared rusty, very fine grained volcanics with silica bands - sample		E5554357
15-AUG-14 1:18:41PM	G445	645849.3	5407964.1	13400N				Mafic volcanic	Altered volcanic schist on North contact of feldspar porphyry - sample		E5554358
15-AUG-14 1:23:44PM	G446	645848.5	5407960.1	13400N				Sulphide	Sulphidized, hematized dark green volcanic schist - sample		E5554359
16-AUG-14 12:39:24PM	G447	644901.7	5408803.6	On trail between 14600N and 14700N		275E		Float	Peacock-type boulder on drill trail - lots of fine grained pyrrhotite sulphide in purple-green muscovite-dioptase alteration - sample, micaceous; G447B - another boulder at same location -sample	180	E5554374, E5554375
16-AUG-14 1:05:29PM	G448	644900.6	5408796.7	On trail between 14600N and 14700N		275E		Mafic schist	Exposure of banded Peacock rock with lots of mica - sample	181	E5554376
16-AUG-14 1:41:42PM	G449	644908	5408795.8	On trail between 14600N and 14700N		275E		Float	Mineralized boulders of micaceous diopside-altered volcanics with fine grained stringer pyrrhotite and chalcopyrite sulphides in the muscovite-silica alteration - sample	182	E5554377

16-AUG-14 2:06:40PM	G450	644898.8	5408784.8	14700N and 14700N	275E				183	Outcrop at South side by G448 is 1-2mm garnet-rich rock similar to garnets present in Peacock boulders	
16-AUG-14 3:09:09PM	G451	644897.8	5408817.5	On trail between 14600N and 14700N	275E	153				Diopside and silica-altered foliated mafic volcanics in contact with a feldspar porphyry; there is a quartz vein; sample: strike 153 on FP foliation; flaky, rusty mica schist at same exposure; there are garnets in association with the dark green hornblende-mica schist	E5554378
17-AUG-14 8:03:39AM	G452	645792	5407970.9	Between 13400N and 13500N	350E-37	153	55			Quartz veins - thin veins that are on strike from the veins at G357 showing; quartz veins should come out at 377E on line 13500N; at 354E on line 13400N	
17-AUG-14 8:38:27AM	G453	645756.3	5407928.2	Between 13400N and 13500N						Large float of quartz on North side of drill trail	
17-AUG-14 9:09:12AM	G454	645793.2	5407904.4	West of 13400N	322E		67			Outcrop in trench of sulphidized quartz vein and mineralized feldspar porphyry; sample A - red orange quartz vein with fine grained pyrite on the side; sample B - sulphidized FP with very fine grained pyrite sulphides - contains sulphide in banded diopside-mica alteration - zone projects to 322E on line 13400E	E5554379, E5554380
17-AUG-14 10:11:15AM	G455	645839.7	5407952.3	West of 13400N						Thin quartz vein in sheared mafic volcanics has a Z fold displacement along vein indicative of right lateral displacement	
17-AUG-14 10:37:10AM	G456	645810.3	5407880.8	East of 13400N						Feldspar porphyry on strike with mineralized porphyry in trench ~ 322E East of line 13400N	
17-AUG-14 11:01:11AM	G457	645842.9	5407830.3	Between 13400N and 13300N						Float of sulphidized feldspar porphyry unit on strike with mineralization - sample	
17-AUG-14 11:14:56AM	G458	645841.3	5407832	Between 13400N and 13300N		151				Outcrop of large sulphidized feldspar porphyry mineralized zone by G457 float	E5554381
17-AUG-14 11:27:30AM	G459	645845.3	5407830.2	West of 13300N	317E					Outcrop of sulphidized feldspar porphyry - sample; mineralization hits 317E on 13300N	
17-AUG-14 11:45:31AM	G460	645855.9	5407806.9	East of 13300N						Mineralized float sample going East of 13300N - sample - micaceous, rusty with fine grained pyrite sulphides	E5554382
17-AUG-14 11:59:17AM	G461	645881.6	5407783.2	Between 13300N and 13250N		162	68			Exposure of foliated beige feldspar porphyry is not sulphidized	E5554383
17-AUG-14 12:12:50PM	G462	645891.6	5407766.2	13250N	300E					Sulphidized quartz veins in feldspar porphyry - sample	
17-AUG-14 12:28:30PM	G463	645890.8	5407769.9	13250N	301E	147	65			Sulphidized banded mafic schist with thin felsic interbands just North of G462; rusty feldspar porphyry with quartz on North side	E5554384
17-AUG-14 12:55:27PM	G464	645890.7	5407769.9	13250N	301E	165				Small sulphide zone in foliated mafic volcanics contains fine grained pyrite-pyrrhotite sulphides in silica bands - sample; micaceous; large feldspar porphyry with X-cutting small white rusty albite dikes on North side of sulphide	E5554385

17-AUG-14 1:21:28PM	G465	645897.8	5407751.3	Between 13250N and 13200N	140	Sulphide / feldspar porphyry shear zone	Banded sheared mafic-felsic porphyry schist sulphide mineralized zone exposure near cliff that drops off to the east		
17-AUG-14 1:31:08PM	G466	645896.6	5407755.7	Between 13250N and 13200N		Sulphide / feldspar porphyry shear zone	Sample site of sheared sulphide zone contains sulphidized quartz and very fine pyrite and pyrrhotite sulphide throughout - nearby bull quartz in mafic volcanic	191	E5554386
17-AUG-14 1:42:46PM	G467	645900.7	5407732.3	Between 13250N and 13200N		Sulphide / feldspar porphyry shear zone	Sheared feldspar porphyry mineralization zone on edge of cliff face on descent; contains fine grained pyrite sulphides - sample		E5554387
17-AUG-14 1:59:09PM	G468	645908.9	5407716.7	Between 13250N and 13200N		Sulphide / feldspar porphyry shear zone	Sample on cliff face	192	E5554389
17-AUG-14 2:08:01PM	G469	645912.5	5407710.7	13200N	275E	Sulphide / feldspar porphyry shear zone	Sample of mineralized zone at base of cliff	193	E5554388
18-AUG-14 9:23:21AM	G470	644372.8	5409442.4	15500N	327E	Mafic volcanic float	Large boulder of foliated mafic volcanic with rust; site of old hole spot		
18-AUG-14 9:36:03AM	G471	644329.1	5409409.2	15500N	270E	Sulphide float	Float sample of sheared banded micaceous mafic schist with felsic bands; contains very fine pyrite-pyrrhotite throughout - sample		E5554390
18-AUG-14 9:51:22AM	G472	644162	5409250.3	15500N	044E	Mafic volcanic	Exposure of foliated mafic volcanic schist with small felsic bands, could be boulder; minor pyrite		
18-AUG-14 10:17:09AM	G473	644325.8	5409289.1	15400N		Mafic volcanic float	Boulder of medium to coarse grained foliated rusty mafic volcanic schist - by pond		
18-AUG-14 10:25:50AM	G474	644389.3	5409351.7	Between 15500N and 15400N	275E	Feldspar porphyry float	Boulder of buff coloured foliated feldspar porphyry with rusty-spotted quartz vein		
18-AUG-14 10:32:03AM	G475	644453.5	5409359.6	15400N	310E	Mafic volcanic boulder	Large boulders of foliated volcanic banded with feldspar porphyry		
18-AUG-14 10:40:59AM	G476	644492.1	5409398.1	15400N		Feldspar porphyry float	Boulder of rusty-weathered foliated feldspar porphyry - sample		E5554391
18-AUG-14 10:40:59AM	G477				365E	Mafic volcanic	Outcrop of foliated mafic-felsic banded schist with sulphidization - minor sulphide		
18-AUG-14 11:53:46AM	G478	644888.7	5409755.7	15400N	900E	Mafic volcanic / feldspar porphyry	Small outcrop of foliated mafic volcanic with feldspar porphyry dike		
18-AUG-14 12:09:46PM	G479	645102.3	5409952.4	15400N	1185E	Mafic volcanic	Outcrop of mafic-felsic banded volcanic schist - small ridge at 1185E		
18-AUG-14 12:16:11PM	G480	645114	5409958.8	15400N	1206E	Mafic volcanic	Green foliated mafic volcanic		
18-AUG-14 12:26:05PM	G481	645225.3	5410044	15400N	1350E	Mafic volcanic	Green foliated mafic volcanic		
18-AUG-14 12:48:30PM	G482	645536.9	5410394.6	Between 15400N and 15500N	1800E	Granite	Granite		
18-AUG-14 1:01:56PM	G483	645305.3	5410241.1	15500N		Mafic volcanic	On top of hill - boulder of foliated mafic volcanic schist		

18-AUG-14 1:08:02PM	G484	645254.1	5410176.6	15500N	1425E	160		Mafic volcanic	Outcrop of foliated mafic volcanic		
18-AUG-14 1:16:48PM	G485	645155.6	5410097.7	15500N	1300E			Mafic volcanic	Going over large braill hill - outcrop looks like massive mafic volcanic with granitic veining		
18-AUG-14 1:23:03PM	G486	645139.6	5410090.7	15500N	1275E			Mafic volcanic / quartz veins	South edge of ridge - foliated mafic volcanic with 3-4cm wide X-cutting sometimes rusty quartz veining - some sulphidization; ridge ends to South at 1250E		
18-AUG-14 1:40:27PM	G487	645097.6	5410033.3	15500N	1212E	162	55	Mafic volcanic	Large outcropping of foliated mafic volcanic unit		
18-AUG-14 1:50:31PM	G488	644958.2	5409914.8	15500N	1026E			Mafic volcanic	Outcrop of mafic volcanic with granitic veining - massive textured		
18-AUG-14 1:57:55PM	G489	644869.5	5409837	15500N	918E		59	Mafic volcanic	Outcrop of foliated green mafic volcanic		
18-AUG-14 2:10:48PM	G490	644566.4	5409602.9	15500N	475E?	132		Mafic volcanic	Exposure on drill trail of pillow basalt with X-cutting white small FP dike		
18-AUG-14 2:35:07PM	G491	644887.3	5410022.5	15600N	975E		43	Mafic volcanic	Foliated mafic volcanic with rusty granitic veining and brecciation		
18-AUG-14 2:40:43PM	G492	644899.9	5410027.6	15600N	987E		40	Mafic volcanic	Striped mafic-felsic banded volcanic schist		193
18-AUG-14 2:51:21PM	G493	644954.1	5410063.3	15600N	1050E			Quartz veins / sulphide	Quartz vein sulphidized mafic tuff volcanic zone at 1050E - sample contains coarse grained pyrite blebs in spindly amphibole groundmass; fine grained pyrrhotite throughout - magnetic		E5554392
19-AUG-14 8:08:01AM	G494	644764.5	5408756.2	14800N	150E	140		Feldspar porphyry	Large feldspar porphyry intrusion - few metres wide exposed on drill trail for 150E IP anomaly trend; strike 140 in bordering mafic volcanic to North		
19-AUG-14 12:08:43PM	G495	645967.8	5407639.3	13100N	275E		64	Mafic volcanic	Banded felsic-mafic schist zone that is rusty weathered		E5554393
19-AUG-14 12:29:55PM	G496	646004.8	5407600.3	13000N				Rock cuts	Bunch of mineralized floats that have been cut with rock saw near trench		
20-AUG-14 7:48:21AM	G497	645788.7	5407907	13400N	321E			Feldspar porphyry sulphide zone	Feldspar porphyry mineralized zone at trench on line 13400N		194, 195, 196, 197
20-AUG-14 7:53:17AM	G498	645784.4	5407918	13400N				Quartz vein / sulphide	Deformed zone with porphyry and quartz veins in trench		198
20-AUG-14 8:05:17AM	G499	645815.6	5407931.5	13400N				Mafic fragmental	Volcanic sheared fragmental unit in trench		
20-AUG-14 9:51:00AM	G500	645872.6	5407813.8	13300N	325E	150	80	Quartz vein / sulphide	Sulphidized quartz vein sample - exposure of small zone; vein strikes 150 degrees, dip 80 degrees		E5554394
20-AUG-14 1:46:21PM	G501	644379.8	5409702	15700N	490E			Mafic volcanic boulders	Large boulders of mafic volcanic with some gossan, sulphides		
20-AUG-14 1:59:56PM	G502	644571.8	5409878.7	15700N	762E			Gabbro	Ridge of medium grained green mafic intrusive - varies to coarse grained with up to 1.5cm mafic phenocrysts		
20-AUG-14 2:12:16PM	G503	644736.9	5410028.7	15700N		150		Mafic volcanics	Outcrop of green mafic volcanics		
20-AUG-14 2:20:23PM	G504	644685.4	5410102.5	15800N	1025E		60	Mafic volcanic	Foliated mafic volcanic with few granitic veins		

24-AUG-14 9:31:59AM	G505	645888.6	5407690.4	13200N	245E		Siliceous sulphide float	Float on old drill trail beside Line 13200N 250E collar - flat, rusty sulphidized, siliceous quartz rich mineralization - sample; very fine pyrite disseminated throughout	E5554395
24-AUG-14 9:39:12AM	G506	645885.1	5407693.8	13200N	245E		Sulphide float	Another float on trail with mica-dioptase banded alteration and very fine pyrite disseminated throughout - sample looks like Peacock	E5554396
24-AUG-14 9:51:52AM	G507	645888	5407693.2	13200N	245E		Feldspar porphyry sulphide float	Another float - looks like Sugar Zone - very fine pyrite disseminated in siliceous groundmass	E5554397
25-AUG-14 11:34:31AM	G508	644675.7	5408912.9	14900N	175-200E		Mafic volcanic / sulphide	Sample of garnet-mica schist in trench	E5554398
25-AUG-14 11:37:40AM	G509	644677.8	5408912.7	14900N	175-200E		Sulphide	Sample of sulphidized shear zone in trench	E5554399
8:45:05AM	G510	646394.2	5407745.6	12900N	662E		Mafic volcanic	Knobby outcrop of coarse grained green gabbro unit	
28-AUG-14 1:08:06PM	G511	646514	5406555.6	11900N	000E		Mafic volcanic	Old trench: Foliated green mafic volcanics with feldspar porphyry bands with very fine grained sulphide - hematized volcanics - sample	E5554409
28-AUG-14 1:38:49PM	G512	646556.2	5406582.6	11900N			Feldspar porphyry / mafic volcanic	Small white coarse grained feldspar porphyry dike X-cuts the foliated mafic volcanics; dike is sulphide-spotted with blebs of chalcopyrite and pyrrhotite	E5554400
28-AUG-14 2:05:28PM	G513	646535.3	5406581	11900N			Feldspar porphyry	White foliated feldspar porphyry intrusion in old trench	
28-AUG-14 2:26:06PM	G514	646345.3	5406804.6	12200N	008E or 9832E (old)		Mafic volcanic	Green mafic volcanic - rubbly textured	
28-AUG-14 2:33:55PM	G515	646370	5406823.5	12200N	9870E (old)	141	Mafic volcanic	Rusty quartz veinlet-banded mafic schist zone	
28-AUG-14 2:39:18PM	G516	646378.6	5406839.9	12200N		155 58	Mafic volcanic	South end of large ridge exposure of foliated mafic volcanics with non-foliated X-cutting 5 to 8cm wide granite dikes; some dikes are 10 to 15cm in width	
2014-09-01	G517	644999.2	5410105	15600N	1112E		Mafic volcanic	Outcrop of massive green mafic tuff volcanic	
2014-09-01	G518	645005.1	5410120.6	15600N	1127E		Mafic volcanic	Green fine grained mafic tuff volcanic with small pink felsic veinlets	
2014-09-01	G519	645047.3	5410151.9	15600N	1157E		Mafic volcanic	Green foliated mafic volcanic	
2014-09-01	G520	645087.9	5410173.1	15600N	1225E	158 60	Mafic volcanic	Lots of outcrop - massive green mafic volcanic with some rusty felsic veins along foliation; previous waypoint G286-288 at 1275E;	
2014-09-01	G521	645318.8	5410369	15600N	1543E		Mafic volcanic	Outcrop of mafic volcanic with foliated banding - not easy to see; on trend of ridge running to north	
2014-09-01	G522	645339	5410414	15600N	1565E		Mafic volcanic / feldspar porphyry	Good exposure of foliated mafic volcanic with lots of thin felsic banding - striped along foliation; feldspar porphyry - 70-80cm wide dike; rusty banded schist on N margin of dike	200

2014-09-01	G523	645354.5	5410426.4	15600N	1575E	166	51	Mafic volcanic	Large rockface exposure of sheared mafic volcanic schist with thin rusty felsic bands and knots along foliation - off line to west		
2014-09-01	G524	645359.6	5410431.4	15600N			52	Mafic volcanic	Continuation of large rockface exposure - dominant green mafic volcanics with minor thin quartz veinlets along foliation		
2014-09-01	G525	645530.1	5410552.6	15600N		150		Granite	Granite outcrop on N face of slope		
2014-09-01	G526	645409.4	5410580.6	B/w 15700N and 15800N		153	55	Mafic volcanic	Outcrop of ridge of foliated mafic volcanics; contains 10m wide white feldspar porphyries along foliation		
2014-09-01	G527	645398.5	5410604.8	B/w 15700N and 15800N				Mafic volcanic	Continuation of ridge exposure to North of foliated mafic volcanics - some X-cutting 10-15cm wide pink feldspar veins		
2014-09-01	G528	645395.7	5410626.5	B/w 15700N and 15800N		146		Mafic volcanic	Outcrop on ridge of foliated mafic volcanic with up to 8cm wide beige feldspar porphyry veins along foliation		201
2014-09-01	G529	645389.3	5410632.9	B/w 15700N and 15800N				Mafic volcanic / sulphide	Sample of sulphidized, rusty pink granite veinlet-rich mafic volcanic schist - contains very fine to fine grained pyrite stringers in amphibole alteration		E5554401
2014-09-01	G530	645304.1	5410618.8	15800N	1832E		60	Mafic volcanic	Exposure of foliated mafic volcanic - thin felsic banded		
2014-09-01	G531	645298.4	5410603.1	15800N				Claim Post	#1 1069303 #2 1216114 Post Location 400m South of Post #4 Claim No. 1216113		
2014-09-01	G532	645238.1	5410558.9	15800N	1745E	170		Mafic volcanic	Outcrop of foliated mafic tuff volcanics - previous waypoint G307 at 1725E		
2014-09-01	G533	645163.6	5410494.6	15800N	1645E			Mafic volcanic	Green mafic volcanic small ridge exposure with irregular quartz veinlets		
2014-09-01	G534	645098.7	5410449.7	15800N	1569E		50	Mafic volcanic	Dark mafic volcanic with thin felsic and quartz veinlets along foliation - continues to 1550E		
2014-09-01	G535	644858	5410253.9	15800N	1256E	150		Mafic volcanic	Green mafic volcanic		
2014-09-01	G536	644848.3	5410237.5	15800N	1240E	165		Mafic volcanic	Foliated mafic volcanic		
2014-09-01	G537	644824.1	5410221.6	15800N	1213E	160		Quartz / sulphide	Quartz vein, sulphide zone in volcanics - previously sampled 1370034; magnetism		202

2014-09-01	G538	644719.6	5410134.9	15800N	1074E					Green mafic volcanic		
2014-09-01	G539	644708.6	5410117.8	15800N	1051E					Buff coloured finer grained felsic intrusion		
2014-09-01	G540	644681.1	5410091	15800N						Green fine grained massive mafic volcanic		
2014-09-01	G541	644667.2	5410089.8	15800N	1000E					Outcrop of green mafic volcanic		
2014-09-01	G542	644649.9	5410069.8	15800N	982E			56		Outcrop of granite-veined foliated mafic volcanic with rust on felsic veinlets		
2014-09-01	G543	644602.5	5410032.9	15800N	915E					Massive textured medium grained green mafic tuff volcanics		
2014-09-01	G544	644546.1	5409999	15800N	850E					Rubby textured green mafic tuff volcanics		
2014-09-01	G545	644540.7	5409976.4	15800N	828E					Massive green mafic volcanics		
2014-09-01	G546	644507.5	5409948.9	15800N	787E					Massive green mafic volcanics		
2014-09-01	G547	644472.1	5409927.6	15800N	755E					Knobby exposures of massive dark medium grained unit - probably gabbro, large plug in this area - same as G543 to G546		
2014-09-01	G548	644443.6	5409898.5	15800N	700E					Gabbro		
2014-09-01	G549	644408.6	5409859.4	15800N	655E					End ridge of massive gabbro		
2014-09-01	G550	644348.8	5409802.8	15800N						Exposure of dark massive mafic - gabbro rock		
2014-09-01	G551	644314.7	5409784.6	15800N	532E					End of gabbro upland exposures		
2014-09-02	G552	644254.9	5409727.4	15800N						Floats of foliated green mafic volcanic going downhill - probably from nearby outcrop		

2014-09-02	G553	643949.1	5409438.2	Baseline	15785N					Large boulder or outcrop buried in hillside of dark mafic with lots of stringy carbonate veining		
2014-09-02	G554	643993	5409387.2	Baseline	15725N				Mafic float	Large boulder of unusual rock with thin beds of black and white/buff-coloured layers that are mm-thickness - looks like metasediment - oxidation/rust in layers; some quartz knots along foliation	203, 204	
2014-09-02	G555	644007.9	5409370.3	15700N	Baseline				78 Ultramafic	Outcrop of knobby massive mafic unit with stringy carbonate veining; contains a 7cm wide feldspar layer with tuffaceous 1mm feldspars within; this unit looks like an intrusion; Photo 206 of horizontal joints; hornblende-rich with alignment of hornblendes	205, 206	
2014-09-02	G556	644132.7	5409438.5	B/w 15700N and 15600N		154			74 Mafic volcanic	Outcrop of foliated mafic volcanic		
2014-09-02	G557	644129.5	5409401.5	B/w 15700N and 15600N					Float of rusty foliated volcanic	Float of rusty thinly banded unit with sulphide - sample - very biotite-rich; fine grained pyrite and pyrrhotite sulphides in alteration	207	E5554402
2014-09-02	G558	644133.9	5409344	15600N	075E				Ultramafic	Outcrop of foliated amphibole-rich mafic unit		
2014-09-02	G559	644083.3	5409301.6	15600N	015E				Ultramafic	Outcrop of massive mafic unit from G555		
2014-09-02	G560	644057.3	5409326.8	Baseline	15630N				Ultramafic	Near vertical edge tapers off to North of massive mafic unit - coarse green pyroxene-rich		
2014-09-02	G561	643935.4	5409578.2	15900N	090E				Ultramafic float	There are common large granite veining and brecciating mafic unit boulders at this end		
2014-09-02	G562	643952.5	5409594.7	15900N	118E				Ultramafic float	Very large boulders of mafic-ultramafic intrusive unit - one has a large medium grained white plagioclase-rich felsic intrusion in contact with ultramafic	208	
2014-09-02	G563	644187.3	5409793.3	15900N	417E				Gabbro	On side of hill of mafic intrusion bedrock - off line to east at 417E; lumber in open cleared site probably a drill platform		
2014-09-02	G564	644194.9	5409833.6	15900N	450E				Gabbro	Outcrop begins for ridge to north of mafic unit - massive unit; probably intrusion		
2014-09-03	G565	644379.9	5409991.4	15900N	687E				Gabbro	Outcrop of mafic unit in large upland area - medium to coarse grained gabbro		
2014-09-03	G566	644423.6	5410032.2	15900N	752E				Gabbro	Mafic foliated massive unit - volcanic or gabbro		
2014-09-03	G567	644474.4	5410072.4	15900N	812E				Gabbro	Rockface exposure of knobby massive medium grained gabbro		

2014-09-03	G568	645750.3	5407747.1	13300N	150-200E	Mafic volcanic	Trench - sample of sheared, micaceous volcanic alteration	E5554403
2014-09-03	G569	645727.9	5407717.2	13300N	148E	Mafic volcanic	Trench sample - quartz veining and amphibole alteration, mica and some fine pyrite	E5554404
2014-09-03	G570	645568	5408139.4	13800N	312E	Float	On drill trail to 13800N 312E anomaly - really green tremolite rock	
2014-09-06	G571	646289.1	5407649.5	12900N	520E	Sulphide	Small rusty shear on line 12900 trench	E5554405
2014-09-06	G572	644770.3	5409147.3	15000N	375E	Sulphide	Trench - sample of muscovite-altered schist on South side of large granite	E5554406
2014-09-07	G573	644769.3	5409137.3	15000N	375E	Sulphide	Sample of quartz-dioptside-mica with sulphide	E5554407
2014-09-07	G574	644766.5	5409127.9	15000N	375E	Quartz vein / sulphide	Sample of pyrite sulphidized quartz vein - pyrrhotite, chalcopyrite	E5554408
2014-09-16	G575	646352.1	5407184.5	12500N	250E 130	Mafic volcanic	Foliated green pillow basalt - west of Sugar Zone trench	
2014-09-16	G576	646383.4	5407212	12500N	290E	Mafic volcanic	Massive green fine grained mafic flow	
2014-09-16	G577	646614.9	5407380.8	12500N	587E 160 62	Sulphide	Rusty, sulphidized zone in mafic volcanic schist - MK sample	209, 210
2014-09-16	G578	646617.8	5407387.7	12500N	587E	Sulphide	Sample of slab off N slope from outcrop - fine grained disseminated pyrrhotite-pyrite sulphides	E5554460
2014-09-16	G579	646626.6	5407320.5	B/w 12500N and 12400N		Mafic volcanic / feldspar porphyry	Large rockface exposure facing North of massive mafic volcanic - some rust on surface planes; foliated 0.5 to 1m wide feldspar porphyry dike; volcanics are rusty on N side of FP; sample of FP; foliated mafic volcanic contains fine grained to medium grained feldspars along foliation	
2014-09-16	G580	646600.9	5407248.1	12400N	485E 162 53	Feldspar porphyry / sulphide	Sulphidized rusty feldspar porphyry shear zone with fine pyrite sulphide - sugary, cherty groundmass; sample G580B - stringers of fine grained pyrite and very fine pyrite - diopside-chert alteration; unit is sheared and banded; sample G580C - diopside-chert with very fine grained pyrite; lineation Strike 186 plunge 66 SW	E5554461, E5554462, E5554463
2014-09-16	G581	646599.9	5407240.9	12400N	485E	Feldspar porphyry / sulphide	Cherty, sulphidized FP - mica alteration	E5554464

2014-09-16	G582	646589.4	5407274.6	B/w 12400N and 12500N				Feldspar porphyry / sulphide	Sulphidized FP shear zone along strike - old flag 659464; new sample contains very fine pyrite sulphides. bleb of arsenopyrite	215, 216	E5554465
2014-09-16	G583	646580.8	5407292	B/w 12400N and 12500N	153			Mafic volcanic	Foliated white-buff 1cm-wide felsic bands in mafic volcanic		
2014-09-16	G584	646562.3	5407362.4	12500N	140			Mafic volcanic	Just west of 12500N - mafic volcanic outcrop with felsic bands		
2014-09-16	G585	646611.5	5407320.5	B/w 12500N and 12400N				Diabase	Massive ophitic textured dike on top of hill		
2014-09-16	G586	646620.3	5407310	B/w 12500N and 12400N				Mafic volcanic / diabase	Contact of foliated mafic unit with massive diabase intrusion to South		
2014-09-16	G587	646630.7	5407309.3	B/w 12500N and 12400N				Sulphide	Pyrite gossan shear zone in mafic volcanic on side of vertical rockface - sample of very fine pyrrhotite stringers along foliation - small rusty 1cm-wide quartz vein; fine pyrite blebs		E5554466
2014-09-16	G588	646640.6	5407298.4	B/w 12500N and 12400N				Sulphide	Another sample of gossan zone - pyrite in foliated volcanics		E5554467
2014-09-16	G589	646624.4	5407264.8	12400N				Quartz vein	Rusty quartz vein - sample with very fine pyrite		E5554468
2014-09-17	G590	646262.6	5406988.2	12400N	065E			Mafic volcanic	Outcrop of massive rubby textured mafic volcanic		
2014-09-17	G591	646305.4	5407026.4	12400N	115E	120		Mafic volcanic	Foliated mafic volcanics with mm-thin felsic bands along foliation		
2014-09-17	G592	646312.3	5407034.7	12400N	126E	161	66	Mafic volcanic / quartz / sulphide	Foliated mafic volcanics - sample of 2cm wide sulphidized quartz vein and rusty wallrock		E5554477
2014-09-17	G593	646366.8	5407071.2	12400N	194E	136		Mafic volcanic	Foliated mafic volcanic with a 3cm-wide feldspar porphyry band along foliation		
2014-09-17	G594	646390.3	5407085.3	12400N	218E	150		Feldspar porphyry	Foliated 30cm wide feldspar porphyry dike in foliated thin felsic-banded mafic volcanics		
2014-09-17	G595	646388.6	5407088.8	12400N	220E	145		Feldspar porphyry	Large 2m wide orange sulphidized feldspar porphyry with a 5cm wide sulphidized quartz vein within it - this is the extension of Sugar Zone on line 12400N - sample	217, 218	E5554478
2014-09-17	G596	646454.8	5407127.8	12400N	300E			Mafic volcanic	Foliated mafic volcanics		

2014-09-17	G597	646500.9	5407163.2	12400N	353E	130	60	Mafic volcanic	Massive green fine grained mafic volcanic; thin prolific up to 4cm wide felsic banded shear zone just to North at same location	219	
2014-09-17	G598	646500.3	5407186.4	12400N	370E	124		Feldspar porphyry	Thin 20cm wide feldspar porphyry X-cutting mafic volcanics		
2014-09-17	G599	646507.9	5407185.1	12400N	375E			Mafic volcanic	Massive green mafic volcanics		
2014-09-17	G600	646513.3	5407176.6	12400N	379E	150		Shear zone / Feldspar porphyry	Mini shear of felsic thin bands and sulphidized quartz; there's a 25cm wide feldspar porphyry dike parallel the quartz vein shear zone to the North; strike 150 on foliated FP; there's another 30cm wide FP to the North of that one	220, 221	
2014-09-17	G601	646849.5	5406942.5	12000N	490E	170		Mafic volcanic	Foliated mafic volcanic with 1.5cm wide buff felsic bands along foliation		
2014-09-17	G602	646855	5406951	12000N	504E			Mafic volcanic	Massive green mafic volcanic with granitic lenses along foliation		
2014-09-18	G603	646166.9	5407041.6	12500N	017E			Sulphide	Bunch of large flat rusty gossan floats on side of hill - probably nearcrop; sample A - contains thin chert and quartz bands and very fine sulphide - can't see; green fine grained volcanic - could be iron formation; sample B of quartz-carbonate veining in another float	E5554479, E5554480	
2014-09-18	G604	646196.7	5407060.1	12500N	057E	135		Mafic volcanic	Foliated thin felsic streaked mafic volcanic - inconsistent foliation; on drill trail, drill collar to North		
2014-09-18	G605	646215.2	5407077.1	12500N	080E	134	65	Mafic volcanic	Foliated mafic volcanic		
2014-09-18	G606	646540.8	5407190.4	East of 12400N on drill trail	400E	146		Mafic volcanic	Foliated mafic volcanic with silica lenses along foliation		
2014-09-18	G607	646575.7	5407225.8	12400N	452E	121		Mafic volcanic	Foliated mafic volcanic is dark and contains leucocratic green possible pillow interiors along foliation		
2014-09-18	G608	646622	5407263.8	12400N	513E		50	Felsic intrusion	Large 2.5m wide orange weathered, massive, blocky, cherty felsic intrusion		
2014-09-18	G609	646627.2	5407271.2	12400N	516E	160		Quartz vein	Prolific coarse quartz veining in foliated mafic volcanic		
2014-09-18	G610	646619.4	5407268.9	12400N				Quartz vein	More exposure of large rusty quartz vein-rich deformation zone		
2014-09-18	G611	646618.2	5407248.1	East of 12400N				Feldspar porphyry / sulphide shear zone	Exposure of sheared, orange sulphide-stained felsic dike shear zone; sample is a biotite-bearing feldspar porphyry with fine pyrite and pyrrhotite disseminated throughout - very siliceous	222, 223	E5554469

2014-09-18	G627	646525.8	5406943.5	12200N	237E	156		Mafic volcanic	Foliated mafic volcanics contains thin felsic bands along foliation	
2014-09-18	G628	646481	5406782.8	12100N	111E	155		Mafic volcanic	Foliated thin felsic banded mafic volcanics	
2014-09-18	G629	646442.3	5406768.1	12100N	065E			Mafic volcanic	Good exposure of massive green mafic volcanics - off line to west	
2014-09-18	G630	646362.3	5406565	12000N	9696E	149		Mafic volcanic	Foliated mafic volcanics	
2014-09-18	G631	646187.8	5406438.2	12000N	9468E	(old picket)		Quartz / felsic dikes / mafic volcanic	Outcrop of white, medium grained feldspar-bearing felsic dikes and quartz X-cutting massive dark mafic volcanic	
2014-09-19	G632	646138.8	5407135.4	12600N	050E	139	68	Mafic volcanic	Foliated pillow selvaged mafic volcanic with one 3cm wide late felsite vein - to east of line	
2014-09-19	G633	646151.6	5407139.9	12600N	065E			Mafic volcanic	Foliated pillowed mafic volcanic, a few rusty small quartz veins	
2014-09-19	G634	646195.4	5407194.1	12600N	137E			Mafic volcanic	Massive green rubbly textured mafic volcanic	
2014-09-19	G635	646210.3	5407206.6	12600N	155E	145	63	Mafic volcanic	Small ridge of foliated green mafic volcanic	
2014-09-19	G636	646223.9	5407221.4	12600N	175E		61	Mafic volcanic	Rockface of foliated mafic volcanics	
2014-09-19	G637	646243.4	5407242	12600N	210E	154	62	Feldspar porphyry	2-2.5m wide feldspar porphyry intrusion in contact with foliated mafic volcanic; St 154 foliation in FP	
2014-09-19	G638	646247.7	5407244.7	12600N	215E	141	58	Feldspar porphyry / sulphide shear zone	Another 2-2.5m wide feldspar porphyry intrusion 5m to the North - sulphidized - sample of fine grained pyrite; lineation plunge 67 degrees	E5554482
2014-09-19	G639	646258.3	5407263.9	12600N	225E	148		Felspar porphyry / quartz	Another felsic intrusion on hill outcrop to North with sulphidized quartz vein with pyrite - previously broken pieces - sample; previous nearby old samples	E5554483
2014-09-19	G640	646270.4	5407246.8	12600N				Post location	Claim Post #1 1135499 #2 1135498; CLM 514, 515, 516, 517	
2014-09-19	G641	646312.5	5407296.3	12600N	295E	163		Mafic volcanic	Green mafic volcanic	

2014-09-19	G642	646322.6	5407300.4	12600N	304E				Mafic volcanic	Green massive mafic volcanic		
2014-09-19	G643	646320.6	5407309	12600N		156			Mafic volcanic	Small 4cm wide quartz veins in foliated mafic volcanic - off line to west		
2014-09-19	G644	646320.4	5407305.7	12600N	307E				Feldspar porphyry	1 metre wide feldspar porphyry intrusion		
2014-09-19	G645	646334.9	5407319.2	12600N					Mafic volcanic	Massive green mafic volcanic		
2014-09-19	G646	646417.4	5407367	12600N	417E				Feldspar porphyry	1 metre wide feldspar porphyry intrusion		
2014-09-19	G647	646400.7	5407377.8	12600N					Feldspar porphyry	Feldspar porphyry off line to west		
2014-09-19	G648	646401.9	5407373.8	12600N					Quartz vein	12cm wide white quartz vein in mafic volcanic		
2014-09-19	G649	646452.1	5407396.8	12600N	468E	145			Mafic volcanic	Green mafic volcanic		
2014-09-19	G650	646465.6	5407404.8	12600N	483E				Mafic volcanic	Massive green mafic volcanic		
2014-09-19	G651	646517.6	5407436.6	12600N	537E				Mafic volcanic	Mafic volcanic		
2014-09-19	G652	646612	5407527	12600N		157			Mafic volcanic	Mafic volcanic		
2014-09-19	G653	646611.5	5407530.8	12600N	682E	150			Feldspar porphyry / sulphide shear zone	Orange sulphidized, quartz vein-bearing feldspar porphyry shear zone - there's magnetism; 45cm wide zone; two samples A and B with very fine disseminated pyrite throughout	E5554474; E5554475	227, 228
2014-09-19	G654	646645.9	5407560.9	12600N	724E	161			Granite	Foliated granite		
2014-09-19	G655	646655.4	5407578.1	12600N	740E				Granite	Lots of granite outcrop		
2014-09-19	G656	646609.4	5407527.7	B/w 12600N and 12500N	682E				Feldspar porphyry / sulphide shear zone	Another exposure along strike to east of sulphidized FP-quartz shear zone		229

2014-09-19	G657	646632.5	5407501.3	B/w 12600N and 12500N				Feldspar porphyry	Cream-coloured feldspar porphyry dike is about 0.5m in width and contains a rusty spot - to the south rusty shears in mafic volcanic	
2014-09-19	G658	646629.2	5407498.2	B/w 12600N and 12500N	150			Sulphide shear zone	Up to 80cm-wide rusty, sulphidized shear zone in mafic volcanics contains augen-shaped quartz knots along foliation	230
2014-09-19	G659	646659.2	5407451	B/w 12600N and 12500N	150	663E		Feldspar porphyry	Orange-weathered, cream-coloured foliated felsic intrusion	231
2014-09-19	G660	646686	5407429.8	12500N		670E		Granite	Foliated granite outcrop	
2014-09-19	G661	646635.2	5407168.3	12300N		465E		Mafic volcanic	Massive green mafic volcanic	
2014-09-19	G662	646791.1	5407275.9	12300N	155	658E		Granite	Outcrop of foliated biotite granite - old sample flag	
2014-09-19	G663	646601.6	5407130.6	12300N		406E		Mafic volcanic	Massive green mafic volcanic	
2014-09-19	G664	646570.3	5407108	12300N		376E		Mafic volcanic	Mafic volcanic	
2014-09-19	G665	646563.9	5407101.8	12300N	160			Mafic volcanic	Massive mafic volcanic	
2014-09-19	G666	646545.6	5407086.2	12300N		350E		Mafic volcanic	Foliated mafic volcanics	
2014-09-19	G667	646537.9	5407080.1	12300N		337E		Mafic volcanic	Mafic volcanic	
2014-09-19	G668	646503.5	5407050.1	12300N		287E		Mafic volcanic	Massive mafic volcanic	
2014-09-19	G669	646497.6	5407044.6	12300N	155	276E		Mafic volcanic	Foliated mafic volcanic	
2014-09-19	G670	646468.1	5407041.6	West of 12300N				Mafic volcanic	Off line to west - foliated mafic volcanics	

2014-09-19	G671	646452	5407062.1	West of 12300N					Diorite	Large massive 8m wide diorite intrusion in trench contains fine grained amphibole-plagioclase 60:40 feldspar to mafic and contains up to 1.5cm rounded white feldspar phenocrysts in predominant fine grained diorite groundmass; unit is chilled against mafic volcanic		
2014-09-19	G672	646430.4	5407039.1	West of 12300N	210E	153			Feldspar porphyry / sulphide shear zone	One of Sugar Zone trenches with large siliceous banded feldspar porphyry - projects to 210E on 12300N	232	E5554492, E5554493
2014-09-19	G673	646432	5406996.6	12300N	198E	145			Mafic volcanic	Foliated thin felsic-banded mafic volcanic		
2014-09-19	G674	646431.6	5406994.6	12300N	193E				Mafic volcanic	Foliated mafic volcanics		
2014-09-19	G675	646399.9	5406965.3	12300N	148E	140			Mafic volcanic	Massive mafic volcanics with thin foliated feldspar veining to South - prolific 3cm wide feldspar veining		
2014-09-19	G676	646379.3	5406959	12300N	135E		61		Mafic volcanic	Thin felsic banded mafic volcanic schist		
2014-09-19	G677	646351.2	5406933.7	12300N	095E	154			Mafic volcanic	Foliated rusty thin felsic banded mafic volcanic		
2014-09-19	G678	646301.5	5406893.1	12300N					Mafic volcanic	Foliated mafic volcanic		
2014-09-20	G679	646547.2	5406834.9	12100N	195E				Mafic volcanic	Foliated mafic volcanic; contains thin rusty felsic bands		
2014-09-20	G680	646556.7	5406852	12100N	208E				Mafic volcanic	Foliated green mafic volcanic		
2014-09-20	G681	646806.1	5407029.8	12100N	518E				Mafic volcanic	Large rockface on hill facing North - massive foliated mafic volcanic		
2014-09-20	G682	646809.5	5407035.5	12100N					Late felsic intrusion	Large vertical rockface - 40cm wide pink K-spar granitic vein X-cutting mafic volcanic - another 10m feldspar vein further to west		
2014-09-20	G683	646807.2	5407020.4	B/w 12100N and 12000N		360	38		Late felsic intrusion	Another 50cm wide pink-white feldspar coarse grained felsic dike X-cutting mafic volcanic on rockface;		
2014-09-20	G684	646817	5407006	B/w 12100N and 12000N		154			Mafic volcanic	Strongly foliated mafic volcanic along strike on rockface		

2014-09-20	G685	646805.6	5406998	B/w 12100N and 12000N			160	Mafic volcanic	Large hillside, lots of outcrop - foliated mafic volcanic	
2014-09-20	G686	646802.9	5406982.5	B/w 12100N and 12000N			14	Late felsic intrusion	30cm wide pink-white coarse grained K-spar dike	233
2014-09-20	G687	646726.5	5406842.9	12000N	330E			Porphyry	2mm porphyritic white feldspars in a dark mafic groundmass - foliated unit	
2014-09-20	G688	646709.5	5406833.8	12000N	315E		158	Mafic volcanic	Foliated green pillow selvaged mafic volcanic	
2014-09-20	G689	646702.3	5406822.5	12000N	305E		160	Mafic volcanic	Foliated pillow selvaged mafic volcanic	
2014-09-20	G690	646514.1	5406580.1	Baseline	11920N		160	Mafic volcanic	Green foliated mafic volcanic	
2014-09-20	G691	646544.1	5406584.9	11900N	027E		166	Mafic volcanic	Long old trench along line 11900N; foliated mafic volcanic	
2014-09-20	G692	646562.2	5406592.8	East of 11900N				Feldspar porphyry	Felsic intrusion is cream white with orange weathering - 70cm wide and 1.5m wide FP South of it - contain coarse grained white feldspars, small quartz veins	
2014-09-20	G693	646580.1	5406593.4	East of 11900N			164	Feldspar porphyry	Another white foliated 1.5m wide feldspar porphyry intrusion in trench; mafic volcanic between G692 and G693	
2014-09-20	G694	646589.2	5406607.6	East of 11900N				Mafic volcanic	Mafic volcanic in trench	
2014-09-20	G695	646603.6	5406613.6	East of 11900N			154	Mafic volcanic	Foliated mafic volcanic in trench	
2014-09-20	G696	646605.4	5406622.7	East of 11900N	103E		160	Mafic volcanic	Foliated mafic volcanic in trench	
2014-09-20	G697	646614.7	5406633.1	Drill trail east of 11900N					Large outcrop exposure on trail of massive green foliated mafic volcanics with long stretched up to 40cm long, light green pillow interiors along foliation	
2014-09-20	G698	646546.3	5406614.3	Drill trail east of 11900N			153	Mafic volcanic	Outcrop on trail of pillow selvaged foliated mafic volcanics	
2014-09-20	G699	646525.4	5406594.6	Drill trail east of 11900N			161	Feldspar porphyry / late felsic intrusion	White medium grained feldspar porphyry intrusion is foliated; there's a late crystalline albite dike X-cutting the FP and surrounding mafic volcanic; there's another FP to South with mafic volcanic between the two porphyries	

2014-09-20	G700	646631.3	5406640.6	Drill trail east of 11900N	159	Mafic volcanic	Outcrop on trail of massive foliated mafic volcanic with few thin felsic bands along foliation; glacial striations at strike 28 degrees		
2014-09-20	G701	646635.6	5406641.6	Drill trail east of 11900N	150	Quartz vein	Orange sulphidized, sheared quartz vein on drill trail - sample		E5554484
2014-09-20	G702	646650.8	5406641.5	Drill trail east of 11900N		Mafic volcanic / feldspar porphyry	Lots of exposure on drill trail - common thin sheared feldspar porphyry dikes in mafic volcanics; 40cm wide FP at GPS location; strike 155 foliation in FP	234	
2014-09-20	G703	646668.1	5406648	Drill trail east of 11900N	160	Mafic volcanic	Massive green mafic volcanic flow		
2014-09-20	G704	646669.5	5406649.1	Drill trail east of 11900N	155	Mafic volcanic	Green selvaged foliated mafic volcanic		
2014-09-20	G705	646721.8	5406617.3	Drill trail east of 11900N	164	Mafic volcanic	Lots of outcrop in field - monotonous green mafic volcanic - pillowed flows		
2014-09-20	G706	646745.2	5406623.8			Mafic volcanic	Foliated green mafic volcanics along transect of exposures		
2014-09-20	G707	646772.8	5406606.9		155	Feldspar porphyry	Large 5m wide white feldspar porphyry intrusion with up to 2m wide diabase dikes X-cutting the unit	235	
2014-09-20	G708	646791.9	5406579.5			Late felsic intrusion	Pink-white felsic intrusion X-cuts fabric of foliated mafic volcanic; strike 68 degrees on felsic dike	236	
2014-09-20	G709	646765.8	5406573.9		161	Mafic volcanic	Outcrop of foliated pillowed mafic volcanic flow		
2014-09-20	G710	646696.9	5406723	11900N	226E	Mafic volcanic / feldspar porphyry	Foliated mafic volcanic - rockface exposure - 1 metre wide felsic dike to North X-cuts foliation		
2014-09-20	G711	646704.3	5406741.8	11900N	250E	Mafic volcanic	Continue rockface of massive mafic volcanic		
2014-09-21	G712	646714	5406746.4	West of 11900N	257E	Feldspar porphyry	Large 1.5-2m wide feldspar porphyry intrusion is beige to light pink in colour - sample - very cherty groundmass, contains a fine grained bleb of molybdenite		
2014-09-21	G713	646708.8	5406751	B/w 11900N and 12000N	165	Feldspar porphyry	Another 50cm wide foliated feldspar porphyry intrusion		
2014-09-21	G714	646713.1	5406767.2	B/w 11900N and 12000N	162	Mafic volcanic	Large rockface on ridge of foliated green mafic volcanic with FP and quartz lenses along fabric - old flag sample 32264?		

2014-09-21	G715	646706	5406778.7	B/w 11900N and 12000N		168	58	Mafic volcanic	Foliated mafic volcanic		
2014-09-21	G716	646705.6	5406788.5	B/w 11900N and 12000N		167		Mafic volcanic	Massive foliated mafic volcanic on hill exposure		
2014-09-21	G717	646702.9	5406810.8	B/w 11900N and 12000N			62	Mafic volcanic	Dark foliated mafic volcanic with few thin felsic bands along foliation		
2014-09-21	G718	646713.1	5406811	B/w 11900N and 12000N			62	Mafic volcanic / felsic dike	Continue rockface of foliated mafic volcanic; 15cm wide felsic dike to the side		
2014-09-21	G719	646724.2	5406828.6	East of 12000N	320E	159		Mafic volcanic	Foliated mafic volcanic		
2014-09-21	G720	646832.2	5406841.3	11900N	412E	166		Mafic volcanic	Ridge of foliated mafic volcanic; mm-thin felsic veinlets along foliation		
2014-09-21	G721	646569.6	5406601.4	11900N	060E		70	Mafic volcanic	Foliated thin felsic-banded mafic volcanic schist		
2014-09-21	G722	646297.6	5406362.1	11900N	305W			Gabbro	Angular float of foliated gabbro; another float of gabbro with irregular late beige felsite veins		
2014-09-21	G723	646290.8	5406332.3	East of 11900N	340W	306	76	Gabbro	Foliated gabbro with lots of beige thin 1cm to 5cm wide beige felsite veins along foliation		
2014-09-21	G724	646122.9	5406233.8	B/w 11900N and 12000N	500W			Sulphide float	Sulphide-rich small float sample contains banded diopside and chert with fine grained cubic pyrite and very fine pyrrhotite disseminated at 10% - sample; location is big mound of dirt and cobbles; sample is under tree root; sample B: banded mafic volcanic contains thin chert bands - stringer pyrrhotite along foliation; other larger 1ft long floats of rusty mafic volcanic with very fine pyrrhotite	237	E5554476, E5554485
2014-09-21	G725	646080.2	5406204.6	B/w 11900N and 12000N				Granodiorite breccia; sulphide float	Large boulder of gabbro and granodiorite brecciating large mafic clasts; large rusty float at same location - sample	238, 239, 240	E5554486
2014-09-21	G726	645996	5406350.6	B/w 12000N and 12100N	500W	338	74	Gabbro	Dark foliated gabbro with thin felsic veinlets along foliation		
2014-09-21	G727	645767.7	5406227.9	West of 12100N	800W			Granite	Hill exposure by wetland area of tabular 2mm white feldspar-rich crystalline granite is very biotite-rich - 35% biotite, 60% feldspar, 10% quartz - large hill of cobbles including dark mafic-ultramafic intrusive boulders		
2014-09-21	G728	645711.7	5406295.5	12200N	815W			Granite	Series of large hills of granite mounds with some boulders of mafic-ultramafic		

2014-09-21	G729	645819.3	5406385	12200N	675W				Granite boulders	Large mounds that have large rounded boulders of quartz-bearing foliated granodiorite on them		
2014-09-21	G730	645819.8	5406392	12200N	668W				Granite	Outcrop of crystalline feldspar and biotite-rich granite		
2014-09-21	G731	645896.7	5406451.8	12200N	575W	5	72		Gabbro	Outcrop of dark mafic intrusive with beige 2cm wide feldspar vein, north-dipping - grades into feldspar-bearing granitic unit; some rust and banding at contact		
2014-09-21	G732	645965.3	5406505.5	12200N	485W				Sulphide float	Flat, rusty float contains bands of diopside, biotite and chert with very fine pyrrhotite - occurs near same easting as floats at G724 and G725	E5554487	
2014-09-21	G733	646009	5406550.8	12200N	419W	338			Gabbro	Outcrop of foliated dark mafic intrusive		
2014-09-21	G734	646019	5406548.6	12200N	407W				Gabbro / felsite veins	Large outcrop of dark mafic intrusion with 1ft long beige felsite intrusives X-cutting the unit		
2014-09-21	G735	646049.5	5406575.1	12200N	350W	80			Gabbro	Large vertical ridge of dark, massive mafic-ultramafic intrusion - medium grained hornblende and feldspar; dip 80 degrees south	241	
2014-09-21	G736	646099.5	5406610.1	12200N	308W	148			Gabbro	Dark gabbro intrusion on top of hill		
2014-09-21	G737	646120.6	5406642	12200N	279W	149	79		Mafic volcanic	Dark green foliated mafic volcanic		
2014-09-22	G738	643840.6	5409079.9	15600N	9480E	141	90		Mafic volcanic	Dark to light green foliated mafic volcanic - outcrop on drill trail		
2014-09-22	G739	643799.1	5409040.4	15600N					Drill collar	Drill collar HG-12-17 Az. 40 degrees Dip -50 degrees		
2014-09-22	G740	643792.8	5409050.4	15600N					Mafic volcanic	Massive pitted mafic unit, north of collar	242	
2014-09-22	G741	643799.1	5409061.3	15600N		140			Metasediment	Small exposure of banded greywacke; bedding Strike 140 degrees		243
2014-09-22	G742	643805.4	5409055	15600N		140			Mafic volcanic / metasediment	Green pitted, garnetiferous mafic unit is intercalated with the light grey banded greywacke; the whole package is X-cut by late irregular felsite veins	244	
2014-09-22	G743	643818.4	5409079.8	15600N					Sulphide float	Sample of float of interbanded sediment-volcanic, rusty with few blebs of pyrite		E5554488

2014-09-22	G744	643829.1	5409064.7	15600N						Mafic volcanic	Previous sample site 659312 is sheared finely banded micaceous volcanics; foliated pillow basalts to North	245	E5554489
2014-09-22	G745	643820.4	5409058.9	15600N						Sericite schist sulphide float	Sheared sericitic feldspar porphyry sulphidized schist sample - float		E5554490
2014-09-22	G746	643885.1	5409021.4	B/w 15600N and 15500N	135					Sulphide / mafic volcanic	Very rusty zone, lots of needle amphibole alteration and biotite; lineation plunge 83 degrees a strike 180 degrees		E5554491
2014-09-22	G747	643904.7	5408998.8	15500N	139	9475E				Mafic volcanic	Foliated thin felsic banded mafic volcanic contains white 6cm wide white bull quartz vein		
2014-09-22	G748	643960.5	5408978.9	B/w 15500N and 15400N	145					Gabbro	Dark coarse grained mafic intrusive		
2014-09-22	G749	643966.5	5408967.5	B/w 15500N and 15400N						Feldspar porphyry float	Large boulder of foliated feldspar porphyry and felsic banded schist; FP has orange sulphur stain on fabric	246	
2014-09-22	G750	643894.4	5408870.1	15400N	125	9375E				Felsic volcanic	Large white foliated cherty felsic intrusive or ash volcanic with quartz veining		E5554494
2014-09-23	G751	643804.3	5409377.2	B/w 15900N and 15800N on drill trail						Sulphide float	Sheared, rusty volcanic schist foat - sample on drill trail - very micaceous - very fine pyrrhotite in groundmass		E5554498
2014-09-23	G752	643855	5409368.5	15800N		9685E				Sulphide float	Flat, angular rusty float of sheared Fe-rich unit, blebs of pyrite sulphide		E5554499
2014-09-23	G753	643836.8	5409438.5	B/w 15900N and 15800N						Sulphide float	Old trench - contains rusty float sample - foliated rusty gossan		E5554500
2014-09-25	G754	643779.1	5408940.6	B/w 15600N and 15500N	140					Metasediment	Foliated light grey cherty, siliceous unit - could be metasediment or volcanic - sample		E5554495
2014-09-25	G755	643783.2	5408948.9	B/w 15600N and 15500N	163					Metasediment	Banded metasediment		
2014-09-25	G756	643806.3	5408873.4	B/w 15500N and 15400N		9315E				Ultramafic float	Large boulders of foliated coarse grained pyroxene-plagioclase mafic intrusive		
2014-09-25	G757	643923.8	5408864.8	B/w 15400N and 15300N	320					Felsic volcanic	Sheared beige coloured felsic unit volcanic - sericitic with some orange oxidation on foliation planes; large 4cm long quartz knots along foliation - white medium grained tabular porphyritic feldspar in unit to South along exposure - probably crystal tuff	247	E5554496
2014-09-25	G758	643938.9	5408785.6	15300N	345	9325E				Mafic volcanic	Non-uniform dark and light green salvaged mafic volcanic - some red oxidation of selvaging		

2014-09-25	G759	643911.9	5408788.2	15300N	9302E			Ultramafic	Green massive, rubbly mafic-ultramafic intrusion - off to west of line	E5554497
2014-09-25	G760	643722.8	5408960.9	15600N	9310E	195		Metasediment	Light grey, very cherty siliceous metasediment with foliated mafic volcanic interbanded within it	
2014-09-25	G761	643711.6	5409058.2	B/w 15600N and 15700N				Mafic volcanic / sulphide	Large boulder of dark foliated mafic volcanic with 15m wide sulphide gossan within - this may be nearcrop - sample	E5554501
2014-09-25	G762	643699.6	5409054.9	B/w 15600N and 15700N				Mafic volcanic	Another large boulder lying on side of hill - dark, highly foliated mafic volcanic that contains mm-thin felsic bands along foliation - looks like sheared schist rock - banded mica alteration	
2014-09-25	G763	643604	5409166.7	B/w 15800N and 15900N				Claim Post	Post Location 400W #1 Claim No. 4223994	
2014-09-25	G764	646354	5406691	12100N	050W			Mafic volcanic	Mafic volcanic	
2014-09-25	G765	646332.4	5406677.2	12100N	085W			Mafic volcanic	Mafic volcanic	
2014-09-25	G766	646328.6	5406666.2	12100N	092W	65	S	Mafic volcanic	Foliated mafic volcanic	
2014-09-25	G767	646163	5406552.6	12100N	293W			Gabbro	Large boulder of fine grained dark, massive gabbro	
2014-09-25	G768	646137.1	5406653	12100N	321W			Gabbro	Knobby exposure of massive dark gabbro	
2014-09-25	G769	646115.3	5406528.4	12100N	345W	169	72	Gabbro	Hill exposure of foliated massive gabbro; thin felsic bands along foliation	
2014-09-25	G770	646085.9	5406497.6	12100N	380W			Gabbro	Massive gabbro with lots of thin late irregular feldspar veining	
2014-09-25	G771	646072.4	5406481.7	12100N	405W			Gabbro / felsic dike	Red-tered potassic felsic intrusion X-cuts the gabbro. The felsic dike is 1 metre wide and unit is medium grained and massive.	
2014-09-25	G772	646101.2	5406601	B/w 12100N and 12200N	300W	160	78	Gabbro	Large upland area of massive, foliated gabbro with foliation in thin feldspar veinlets	
2014-09-25	G773	646081.9	5406630.2	B/w 12100N and 12200N	300W			Gabbro	Gabbro outcrop on hill.	

2014-09-25	G774	646059.9	5406644.4	12250N	300W				Gabbro			Lots of exposure on rockface of mafic intrusive with foliated felsic veinlets. There is a late 15cm wide potassic felsic dike.	
2014-09-25	G775	646055.6	5406662	B/w 12200N and 12300N	300W	158	70		Gabbro			Foliated mafic intrusion	
2014-09-25	G776	645724.6	5406436.3	12300N	705W				Granite			Large mound of biotite-feldspar granite boulders	
2014-09-25	G777	645436.9	5406221.4	12300N	past 1000W				Granite			Large rounded boulders of biotite and feldspar-rich granite near shore of lake	
2014-09-25	G778	645446.9	5406257.1	B/w 12300N and 12400N	past 1000W				Ultramafic float			Boulder of mafic-ultramafic coarse grained intrusion	
2014-09-25	G779	645670	5406498.3	12400N	725W				Ultramafic float			Boulder of mafic-ultramafic, coarse grained	
2014-09-25	G780	645734.7	5406574	12400N	610W				Ultramafic float			End ridge of large mafic-ultramafic boulders	
2014-09-25	G781	645858.7	5406679.4	12400N	446W				Gabbro			Boulder of foliated mafic intrusive with lots of small knobs on it; boulder dip to North	
2014-09-25	G782	645879.8	5406706.1	12400N	415W	325	89		Gabbro			Outcrop of foliated mafic intrusive	
2014-09-25	G783	645916.2	5406720	12400N	375W				Gabbro			Foliated mafic intrusive	
2014-09-25	G784	646051.4	5406829.6	12400N	200W	145	74		Mafic volcanic			Foliated mafic intrusive-volcanic with thin felsic veinlets along foliation	
2014-09-25	G785	646069.5	5406846.6	12400N	180W				Mafic volcanic			Lots of exposure on rockface of foliated mafic volcanic	
2014-09-25	G786	646081.3	5406845	12400N	167W	165			Sulphide			Sulphide gossan foliated zone in mafic volcanic - flat, very rusty - sample is sugary with cherty groundmass	E5554502
2014-09-25	G787	646113	5406905.7	12400N					Drill collar			DDH Casing Az. 30 degrees Dip - 70 degrees SZ- 12-39	
2014-09-25	G788	646105.4	5406905.2	12400N					Mafic volcanic			Outcrop on drill trail of fine grained massive plagioclase-amphibole mafic volcanic - large 50cm wide bull quartz vein	

2014-09-25	G789	646146.1	5406899.5	12400N	085W				Felsic intrusion	Orange-cream-red altered sugary felsic intrusion - crystalline X-cutting mafic volcanic	
2014-09-26	G790	646174.7	5406787.8	12300N	133W				Mafic volcanic	Mafic volcanic with a 10cm wide feldspar porphyry along foliation	
2014-09-26	G791	646113.1	5406753.2	12300N	212W	166	58		Mafic volcanic	Foliated mafic volcanic	
2014-09-26	G792	646071.4	5406716.9	12300N	256W	155			Mafic volcanic	40cm wide white fine grained feldspathic dike X-cutting mafic volcanic	
2014-09-26	G793	646073.7	5406713	12300N	265W	148			Felsic dike	Foliated mafic volcanic - mafic tuff; 4cm wide feldspar vein along foliation	
2014-09-26	G794	645933	5406816.5	B/w 12400N and 12500N	300W	152	66		Mafic volcanic	Massive mafic tuff volcanics	
2014-09-26	G795	645930.4	5406828.9	12475N	300W					Large boulders of foliated mafic unit - volcanic or intrusive with irregular feldspar-rich felsite veins X-cutting unit	
2014-09-26	G796	645824.3	5406777.4	12500N	410W				Gabbro boulders	Dark mafic intrusive with white medium grained tabular feldspar-porphyritic and quartz veins X-cutting unit	
2014-09-26	G797	645764.2	5406728.8	12500N	490W				Gabbro	Boulder of foliated mafic-ultramafic in contact with feldspar-porphyritic vein and then biotite granite unit	
2014-09-26	G798	645663.3	5406630.3	12500N	637W				Gabbro / granite	Very large boulder of biotite and feldspar-rich granite, many smaller boulders of granite around it on a mound	
2014-09-26	G799	645630.5	5406597.6	12500N	686W				Granite boulders	Outcrop of massive, pitted mafic unit with ingestions of tan brown felsic contorted veining - probably intrusion	
2014-09-26	G800	645479.6	5406449.3	12500N	896W	146			Gabbro or Ultramafic	Outcrop of biotite granite with late pink-beige fine grained felsite X-cutting unit	
2014-09-26	G801	645449.5	5406432.6	12500N	931W				Granite	Outcrop of massive, dark green intrusion	
2014-09-26	G802	645406.1	5406445	12550N	1000W				Ultramafic	Another outcrop of massive mafic-ultramafic unit with horizontal jointing - intrusion	
2014-09-26	G803	645398.4	5406436.9	B/w 12550N and 12600N					Ultramafic		

2014-09-26	G804	645382.7	5406448.5	B/w 12550N and 12600N	307	Felsic intrusion	Large, beige, crystalline felsic intrusion, 1 metre wide X-cutting mafic-ultramafic; dip north	
2014-09-26	G805	645374.1	5406452.4	B/w 12550N and 12600N		Granite	Outcrop of biotite granite	
2014-09-26	G806	645364.8	5406461.3	B/w 12550N and 12600N		Granite	Continue outcrop of biotite granite	
2014-09-26	G807	645438.5	5406512.7	B/w 12550N and 12600N	344	Ultramafic / granite	Foliated contact between mafic intrusive to west and granite to east; granite is beige and foliated with 3.5cm wide apilite veins within it	
2014-09-26	G808	645428.6	5406550.3	12600N		Felsic intrusion	Beige medium grained felsic intrusive - massive unit, one colour	
2014-09-26	G809	645369.9	5406509.9	12600N		Granite	Coarse grained biotite granite	
2014-09-26	G810	645477.2	5406588.5	12600N		Granite	Biotite granite - lots of outcrop	
2014-09-26	G811	645479.9	5406599.2	12600N		Granite / ultramafic	Granite - large wide intrusions X-cutting mafic-ultramafic intrusion	
2014-09-26	G812	645495.6	5406605.1	12600N		Ultramafic	Dark, massive mafic-ultramafic intrusion	
2014-09-26	G813	645504.7	5406612.8	12600N		Ultramafic	Dark, foliated massive mafic-ultramafic - very thin felsic bands along foliation	
2014-09-26	G814	645523.1	5406640.8	12600N		Gabbro	Dark, foliated mafic intrusive	
2014-09-26	G815	645529.2	5406641.1	12600N		Gabbro	Outcrop of dark, foliated mafic unit - massive unit	
2014-09-26	G816	645528.2	5406646.9	12600N		Granite / gabbro	Coarse grained beige, crystalline granite X-cutting foliated mafic unit	
2014-09-26	G817	645618.4	5406703.2	12600N		Claim Post	#2 4270162 CLM 515, 516	
2014-09-26	G818	645708.4	5406801.3	12600N	156	Gabbro	Vertical rockface of large ridge facing South of dark mafic intrusive unit; horizontal 1-1.5 ft widely spaced joints - unit is foliated	248

2014-09-26	G834	645909.7	5405768.5	11800N	985W				Granite boulders	Lots of boulders of biotite granite		
2014-09-26	G835	645848.4	5405802	11800N	past 1000W				Sulphide float	Sulphidized float - to west of line 11800N; sample - sheared, sugary veined, biotite-altered	E5554504	
2014-09-26	G836	645754.7	5405615.7	11800N	1190W				Sulphide float	Previous sample of sheared, sulphidized float - sample	E5554505	
2014-09-26	G837	645686.8	5405567	11800N					Granite	Biotite granite		
2014-09-27	G838	646572.8	5406877.4	12150N		142			Sulphide / quartz vein	Rusty, sulphidized foliated zone with quartz veins and pyrite	E5554506	
2014-09-27	G839	646475.4	5406823.6			150			Mafic volcanic	Mafic fragmental is highly foliated with lenticular felsic fragments up to 20cm long along fabric		
2014-09-27	G840	646363.6	5406879	12250N	9893E	160	74		Mafic volcanic	Foliated mafic volcanic; few thin felsic bands		
2014-09-27	G841	646395.5	5406920.8						Feldspar porphyry	Large 1.5-2m wide beige feldspar porphyry intrusion		
2014-09-27	G842	646400.6	5406899			148	55		Mafic volcanic / quartz vein	Small quartz vein and alteration in sheared mafic volcanic - sample	E5554507	
2014-09-27	G843	646407.5	5406899.4						Felsic intrusion	White-beige very fine grained late felsic intrusion		
2014-09-27	G844	646534.3	5406273.8	11700W	173W				Mafic volcanic	Dark, massive mafic volcanic dipping South - coarse grained mottly texture of black hornblendes		
2014-09-27	G845	646513.7	5406269	11700W	187W	150			Mafic volcanic / felsic dike	Foliated mafic volcanic with small, late beige felsic dike with quartz X-cutting unit		
2014-09-27	G846	646498.7	5406246.9	11700W	215W	165	72		Mafic volcanic	Dark mafic unit - massive; on rockface		
2014-09-27	G847	646458.5	5406223	11700W	258W		75		Mafic volcanic	Felsic-mafic 0.5-1cm banded volcanic schist zone		
2014-09-27	G848	646426.4	5406197.6	11700W	300W		80		Mafic volcanic	Off line to west - finer grained foliated mafic volcanic		

2014-09-27	G849	646424.2	5406196.6	11700W					Wide pink-cream coloured very fine grained felsic intrusion		
2014-09-27	G850	646416.7	5406191.4	11700W					1.5m wide very fine grained light brown, massive mafic dike X-cutting foliated mafic volcanic; foliated mafic volcanic contains thin selvaging along foliation; contact of dike with foliated mafic to South is Dip 83 degrees	250	
2014-09-27	G851	646416.9	5406188.1	11700W					White feldspar vein that is 2.5m wide and is irregular, contorted X-cuts foliation in mafic volcanic		
2014-09-27	G852	646410.9	5406186	11700W					Prolific thin felsic-banded schist zone in mafic volcanic; strong fabric dip 84 degrees; further to South, some coarse quartz knots along foliation		
2014-09-27	G853	646404.7	5406193.4	11700W		150			Sheared mafic volcanic		
2014-09-27	G854	646395.6	5406196.1	11700W					Massive dark gabbro		
2014-09-27	G855	646388.2	5406193.4	11700W		152	71		Sheared mafic unit - rusty bands; old sample 32519		
2014-09-27	G856	646362.3	5406199.5	11700W					15cm wide pink late feldspathic fine grained dike X-cuts mafic massive gabbro		
2014-09-27	G857	646343.7	5406208	11700W					Large flat boulder outcrop - foliated mafic unit with thin pink bands along foliation		
2014-09-27	G858	646353.7	5406113.3	11700W			420W		Dark foliated mafic intrusive with thin pink bands along foliation; dip North		
2014-09-27	G859	646271.5	5406049.8	11700W			520W		Large float nearcrop of foliated mafic intrusive with 1cm-wide felsic bands along foliation - large 3mm porphyritic biotites in a fine grained foliated mafic groundmass		
2014-09-27	G860	646260.6	5406016.9	11700W			550W		Large float of felsic banded foliated mafic intrusive		
2014-09-27	G861	646198.9	5405955.7	11700W			640W		Large float of dark, foliated mafic intrusive with white coarse grained crystalline felsic veins X-cutting unit		
2014-09-27	G862	646052.8	5405835	11700W			822W		Large float of coarse grained mafic-ultramafic intrusive - previous sample 659397; rusty weathered on surface		
2014-09-27	G863	645904.6	5405594.6						Dark massive mafic-ultramafic intrusion with late beige irregular feldspar-epidote veining		

2014-09-27	G864	645900.1	5405582.8				59 N	Ultramafic	Foliated intrusion with pitted, lumpy texture		
2014-09-27	G865	645889.5	5405577.9					Ultramafic	Highly strained zone in ultramafic intrusion contains feldspar bands along foliation; silica banding, ankerite alteration - sample		E5554508
2014-09-27	G866	645886.8	5405564.9					Granite	Biotite granite		
2014-09-28	G867	645939.1	5407119.2	12700N	9722E	140		Mafic volcanic	Sheared felsic banded with rust mafic volcanic outcrop on trail		
2014-09-28	G868	645914.5	5407085.2	12700N	9685E	115		Mafic volcanic	Mafic volcanic with thin carbonate veins		
2014-09-28	G869	645893.8	5407075	12700N				Mafic volcanic / felsic dike	Massive green mafic volcanic with some stretched pillow interiors and rare pink 1cm wide felsic veins; an 8cm wide beige late feldspar dike X-cuts unit to North		
2014-09-28	G870	645887.4	5407063.8	12700N	9647E		73	Mafic volcanic	Foliated green mafic volcanic		
2014-09-28	G871	645887.4	5407059	12700N				Mafic volcanic / sulphide	Mafic volcanic schist with white carbonate streaks; interflow sulphide horizon - rusty with thin felsic vein along foliation; lots of needly amphibole alteration, very fine pyrite		
2014-09-28	G872	645886.8	5407055.3	12700N	9635E			Mafic volcanic	Coarse grained mottly textured massive mafic flow unit to South		
2014-09-28	G873	645866.6	5407053.9	12700N	9626E			Mafic volcanic	Coarse grained mottled mafic flow		
2014-09-28	G874	645867.2	5407047.9	12700N	9624E			Mafic volcanic	Finer grained foliated mafic volcanic		
2014-09-28	G875	645851.5	5407042.3	12700N	9615E	135		Mafic volcanic	Foliated mafic volcanic - dark; very fine acicular hornblende groundmass; a stringer of pyrite along foliation		
2014-09-28	G876	645838.9	5407035.9	12700N	9600E	140		Felsic intrusion	2ft wide orange-beige foliated coarse grained felsic intrusion		
2014-09-28	G877	645843.2	5407041.8	12700N	9602E	155	72	Mafic volcanic / felsic intrusion	Foliated, pillow selvaged and thin carbonate-felsic veined mafic volcanic - 60cm wide orange coarse felsic dike to South		
2014-09-28	G878	645813	5407035.8	12700N		162		Mafic volcanic	Green foliated mafic volcanic - off line to west		

2014-09-28	G879	645807.9	5407006.9	12700N	9507E	150	62	Mafic volcanic / sulphide / felsic intrusion	Previous sample 659389 - sheared platy sulphide horizon at South contact of coarse, crystalline felsic intrusion - 2m wide intrusion; strike 150, dip 62 degrees on shear	
2014-09-28	G880	645783	5406972.9	12700N		141	79	Mafic volcanic	Foliated green mafic volcanic with thin 0.5cm irregular carbonate-quartz veinlets; very fine blebs of pyrite in veinlets	
2014-09-28	G881	645785.8	5406968.2	12700N				Mafic volcanic	Late irregular buff to rusty feldspar and carbonate vein X-cutting massive green mafic volcanic	
2014-09-28	G882	645783.6	5406967.5	12700N				Mafic volcanic	Massive green mafic unit with 1.5cm wide feldspar veins along foliation	
2014-09-28	G883	645753.1	5406951.9	12700N				Gabbro	Large upland area hill of massive foliated mafic gabbro exposures	
2014-09-28	G884	645757.4	5406946	12700N				Sulphide	Large rockface on upland mafic ridge - small, rusty sulphidized quartz vein gossan in unit - sample with fine grained pyrrhotite, mica and needly amphibole	E5554509
2014-09-28	G885	645739.6	5406967.7	12700N	9475E			Gabbro	Rockface of gabbro ridge; steep dip; unit often has late 10-15cm wide late white to red X-cutting felsic dikes	
2014-09-28	G886	645738.3	5406981.8	12700N				Felsic intrusion	Late 35cm beige crystalline felsic dike X-cutting mafic unit contains fine bleb of molybdenite	
2014-09-28	G887	645709	5406989	12700N				Granite	Medium grained white to pink, massive felsic intrusion - large body; biotite and feldspar-porphyrific granite phase to west	
2014-09-28	G888	645721.2	5406946	12700N	9440E			Granite	Biotite-feldspar granite	
2014-09-28	G889	645701.7	5406935.4	12700N	9424E		68	Gabbro / granite	Foliated, thin felsic banded mafic intrusion; contact with granite to North	
2014-09-28	G890	645694.9	5406942.4	12700N				Ultramafic	Large rockface of mafic-ultramafic intrusive ridge	
2014-09-28	G891	645680.6	5406960.4	12700N				Ultramafic	Lots of outcrop of coarse mottled texture ultramafic intrusion	
2014-09-28	G892	645661.5	5406894.7	12700N				Ultramafic / felsic intrusion	Very tall rockface wall of ultramafic intrusion - lots of jointing; near sample 32163 which has sulphidization on border of metre-wide felsic intrusion	
2014-09-28	G893	645606.6	5406929.4	12700N				Felsic intrusion / sulphide	Previous sample of sulphidization in felsic intrusion 32165	

2014-09-28	G894	645548.7	5406901.7	12800N							Previous sample 32151 - mafic intrusion, fine grained, massive		
2014-09-28	G895	645466.7	5406900.9	12800N							Boulder crop on small ridge - biotite granite		
2014-09-28	G896	645467.6	5406894.3	12800N							Large boulders of foliated mafic-ultramafic intrusion		
2014-09-28	G897	645433.3	5406845.6	12800N							Large boulder of granite with bordering mafic intrusive		
2014-09-28	G898	645304.2	5406771.1	12800N							At shore of lake - flat, rusty orange-weathered, gritty textured, foliated cherty metasediment float - sample contains very fine disseminated pyrite	E5548210	
2014-09-28	G899	645315.5	5406778.7	12800N							Another flat, rust float of cherty sulphidized metasediment - sample		
2014-09-28	G900	645321.4	5406805.1	12800N							Granite outcrop	E5548211	
2014-09-28	G901	645249.7	5406823.4	12800N							Ultramafic large boulder contains flaky serpentine alteration - light to regular green in colour		
2014-09-28	G902	645247.9	5406833.6	12800N							Green, dark fine ultramafic intrusion - may be protolith olivine-rich core of intrusion - really green; flaky phlogopite, serpentine		
2014-09-28	G903	645230.6	5406858.8	12800N							Outcrop of ultramafic intrusion is massive, monocolour		
2014-09-28	G904	645708	5407041.8	12800N	9502E						Foliated mafic intrusion with pink feldspar veinletting along foliation; dip South; lots of siliceous veining		
2014-09-28	G905	645712.2	5407053.5	12800N							Foliated, cherty, rusty feldspar porphyry intrusion in contact with mafic intrusive - sample	E5548212	
2014-09-28	G906	645725.1	5407061.2	12800N	9525E						Ridge of mafic intrusive with large crystalline coarse grained felsic dike X-cutting unit		
2014-09-28	G907	645740.1	5407071.5	12800N	9540E	142					Biotite granite intrusion		
2014-09-28	G908	645745.8	5407073.2	12800N	9550E						Contact of mafic to North with small granite to South		

2014-09-28	G909	645846.3	5407164.2	12800N		142	Mafic volcanic	Foliated pillowed mafic volcanic with carbonate veining	
2014-09-28	G910	645865	5407150.6	12800N			Mafic volcanic	Coarser grained massive mafic flow	
2014-09-29	G911	645778.6	5407240.6	12900N	9665E	164	Mafic volcanic	Massive green mafic volcanic contains a couple 2cm wide beige felsic veins along foliation	
2014-09-29	G912	645771.7	5407240.7	12900N			Mafic volcanic	Foliated mafic volcanic	
2014-09-29	G913	645758.8	5407228.7	12900N	9650E		Mafic volcanic	Massive mafic volcanic	
2014-09-29	G914	645776.5	5407217.8	12900N		142	Mafic volcanic	Foliated massive mafic volcanic. There's a 5cm wide beige felsic vein along foliation.	
2014-09-29	G915	645748.4	5407206.6	12900N	9625E	140	Mafic volcanic	Foliated massive mafic volcanic	
2014-09-29	G916	645747.7	5407192.8	12900N	9590E		Felsic intrusion	Orange-beige altered felsic intrusion X-cutting foliated mafic volcanic	
2014-09-29	G917	645738.3	5407190.7	12900N	9585E		Mafic volcanic	Massive rubbly textured mafic flow volcanics	
2014-09-29	G918	645712.2	5407173.7	12900N	9571E		Mafic volcanic	Pillowed green mafic volcanic	
2014-09-29	G919	645695.3	5407160.6	12900N	9540E	140	Mafic volcanic / Feldspar porphyry	Foliated cm-wide white felsic veined and selvaged mafic volcanic, large metre-wide feldspar porphyry dike to South	
2014-09-29	G920	645675.4	5407142.8	12900N	9518E	138	Feldspar porphyry	Large 1.5m wide feldspar porphyry intrusion - two 20cm wide feldspar porphyries within 10 metres to the North	
2014-09-29	G921	645668.7	5407120.2	12900N	9500E		Mafic volcanic	Foliated mafic volcanic	
2014-09-29	G922	645654.7	5407136.9	12900N			Feldspar porphyry / sulphide	Foliated rusty sulphidized sheared feldspar porphyry - sample	E5548213
2014-09-29	G923	645489.8	5407036.8	12900N			Gabbro	Large outcrop of massive dark gabbro	

2014-09-29	G924	645481.3	5407037.1	12900N		162	80		Continue outcrop of gabbro - some X-cutting late white feldspathic granite veins		
2014-09-29	G925	645461.9	5406979.5	12900N				Granite boulder / Ultramafic float	Large boulder of biotite granite an mafic-ultramafic that is rusty beside it; contact with granite to North		
2014-09-29	G926	645438.3	5406927.9	12900N				Ultramafic float	Dark, massive mafic-ultramafic floats on a hill		
2014-09-29	G927	645402.5	5406919.5	12900N				Metasediment float / sulphide	Large, foliated, fissile gossan zone; very crumbly, weathered unit - sample - very fine grained pyrite sulphide; at contact of granite to South with metased?	251	E5548214
2014-09-29	G928	645415.6	5406894.8	12900N				Granite	Granite X-cutting mafic-ultramafic intrusion		
2014-09-29	G929	645392.3	5406950.4	B/w 12900N and 13000N				Sulphide float	Cherty, rusty float with very fine disseminated pyrite - rusty altered feldspar porphyry cobbles in same location - sample		E5548215
2014-09-29	G930	645349.7	5407020.5	13000N				Ultramafic float	A bunch of large mafic-ultramafic intrusive boulders		
2014-09-29	G931	645359.5	5407033.1	13000N				Metasediment float	Bunch of flat, gritty metasediment floats with rusty weathering on fractures - foliated and very biotite-rich		
2014-09-29	G932	645380.9	5407043.3	13000N					Another rusty, cherty metasediment float		
2014-09-29	G933	645385	5407058.1	13000N				Metasediment / granite	Metasediment in contact with feldspar porphyritic intrusive to North; sediments are rusty weathered		E5548216
2014-09-29	G934	645405	5407068.6	13000N				Gabbro / granite	Foliated onctact of mafic intrusive to South with biotite granite - feldspar porphyritic unit to North		
2014-09-29	G935	645400.7	5407080.3	13000N				Gabbro	Small ridge of foliated mafic intrusive		
2014-09-29	G936	645420.2	5407087.6	13000N		165		Gabbro	Foliated mafic intrusive		
2014-09-29	G937	645419.4	5407091.3	13000N				Gabbro	Gabbro outcrop		
2014-09-29	G938	645433.9	5407109.4	13000N		192		Gabbro	Foliated gabbro		

2014-09-30	G954	646625.8	5406553.3	11800N						Foliated mafic volcanic with 1.5cm wide beige felsic veinlets		
2014-09-30	G955	646623.5	5406556.4	11800N						Orange weathered buff feldspar porphyry intrusion		
2014-09-30	G956	646621.2	5406555.6	11800N	160					Green foliated mafic volcanic		
2014-09-30	G957	646640.3	5406583.7	11800N						Pillow selvaged foliated mafic volcanic		
2014-09-30	G958	646747.3	5406627.9	11800N	212E					Long section of rockface through foliated pillowed mafic flow		
2014-09-30	G959	646863.8	5406697.1	11800N	353E					Foliated massive green mafic volcanic		
2014-09-30	G960	646903.3	5406753.8	11800N	418E					Foliated pillowed mafic volcanic		
2014-09-30	G961	646913.2	5406747.2	11800N	423E	164				Sheared thin 1cm wide orange sulphidic quartz veined mafic volcanic zone; down strike to North, this mafic ridge has late 1ft long X-cutting K-spar dikes		
2014-09-30	G962	646814.8	5406560.6	11700N	215E	165				Large outcrop of highly foliated, pillowed mafic volcanic		
2014-09-30	G963	646780.9	5406512.8	11700N	170E					Foliated mafic volcanic with few thin felsic bands along foliation		
2014-09-30	G964	646703.3	5406445	11700N	068E	167				Foliated mafic volcanic with thin felsic bands		
2014-09-30	G965	646550.8	5406410.9	B/w 11700N and 11800N		155				On drill trail between 11700N and 11800N, foliated mafic volcanic		
2014-09-30	G966	646649.5	5406617.3	B/w 11900N and 11800N		158				Outcrop of highly sheared mafic volcanic		
2014-09-30	G967	646651.6	5406604.6	B/w 11900N and 11800N						Large 70cm wide sulphidized quartz vein in trench - sample		E5548218
2014-09-30	G968	645660.7	5407427.3	13100N	142	56				Dark, massive mafic volcanic		

2014-09-30	G969	645662.8	5407405.2	13100N			157		Mafic volcanic	Green, foliated beige felsic veined mafic volcanics		
2014-09-30	G970	645676.6	5407390.3	13100N			142		Mafic volcanic	Massive foliated pillowed mafic volcanic		
2014-09-30	G971	645629.6	5407363.6	13100N	9647E		140		Mafic volcanic	Foliated mafic volcanic		
2014-09-30	G972	645609.3	5407350.3	13100N			144		Mafic volcanic	Good exposure on drill trail of massive pillowed foliated mafic volcanic with 0.5 to 1cm wide white quartz-calcite veinlets along foliation; some rust along a few selvages		
2014-09-30	G973	645605.8	5407340.3	13100N	9610E				Mafic volcanic	Massive, aphanitic green pillowed mafic volcanic with 2cm wide X-cutting white feldspathic vein		
2014-09-30	G974	645583	5407330	13100N	9587E		125		Feldspar porphyry	Two 20 to 25cm wide beige feldspar porphyry dikes X-cut mafic volcanics		
2014-09-30	G975	645573.3	5407321.5	13100N	9575E		145		Mafic volcanic	Foliated green mafic volcanic		
2014-09-30	G976	645562.3	5407306.6	13100N	9560E		135	73	Feldspar porphyry	Large 1.5m wide rusty foliated feldspar porphyry intrusion - orevious samples 659386, 659385		E5548219
2014-09-30	G977	645550	5407305.8	13100N	9545E		132	68	Feldspar porphyry / gabbro	Large shear zone, sulphidized of large 2m wide foliated sulphidized feldspar porphyry with dark massive gabbro to South. There's a 1.5m wide white coarse grained granite south of contact of FP with gabbro. Previous sample 659303 was taken.	252, 253, 254	
2014-09-30	G978	645540.6	5407298	13100N	9537E				Gabbro	Dark green-black mottly coarse grained mafic intrusive, horizontal jointing in unit		
2014-09-30	G979	645534.3	5407286.6	13100N	9525E				Granite	Large biotite granite intrusion		
2014-09-30	G980	645505	5407262	13100N	9490E				Gabbro	Dark, massive coarse grained mafic intrusion		
2014-09-30	G981	645487.1	5407255.7	13100N	9470E				Gabbro	Massive, dark, coarse grained mafic-ultramafic intrusion		
2014-09-30	G982	645483.7	5407241.9	13100N	9460E				Gabbro	Dark massive coarse grained gabbro		
2014-09-30	G983	645459.5	5407229.5	13100N			114		Gabbro	Massive gabbro intrusion, few thin beige felsic veinlets		

2014-09-30	G984	645453.6	5407222.8	13100N	9412E					Massive mafic intrusion		
2014-09-30	G985	645420.8	5407205.9	13100N		80 S			Gabbro	Dark massive, foliated gabbro		
2014-09-30	G986	645421.7	5407195.4	13100N		58 S			Mafic volcanic	Foliated, fine grained possible mafic volcanic unit		
2014-09-30	G987	645328.4	5407120	13100N		126			Metasediment	Metasediment - small outcrop, foliated		
2014-09-30	G988	645332.4	5407127.3	13100N					Gabbro	Foliated medium grained dark mafic unit		
2014-09-30	G989	645104	5407160.7	13200N					Granite	Large ridge of biotite granite at shore of lake		
2014-09-30	G990	645697	5407551.8	13200N	008E				Mafic volcanic	Massive green mafic tuff volcanic		
2014-10-01	G991	645657.9	5407571.3	13300N					Mafic volcanic	Mafic volcanic schist unit; thin, foliated rust-felsic bands		
2014-10-01	G992	645642.6	5407548.3	13300N					Mafic volcanic	Mafic volcanic, foliated		
2014-10-01	G993	645572.9	5407576.9	13300N		140 N			Mafic volcanic	Highly foliated mafic volcanic schist		
2014-10-01	G994	645573.8	5407571.5	13300N					Sulphide	Foliated mafic volcanic rusty sulphide zone contains 0.5cm thin cherty bands with very fine pyrite - sample; lots of fine grained magnetite - strongly magnetic rock - iron formation.; 6cm wide sulphidized quartz vein along foliation; foliated mafic volcanic to South	E5548220	
2014-10-01	G995	645523.1	5407523.1	13300N		156			Mafic volcanic / feldspar porphyry	Contact of foliated green mafic volcanic to east with beige coarse grained feldspar porphyry dike to west; foliation strike 156 degrees		
2014-10-01	G996	645520.6	5407518.4	13300N					Mafic volcanic / sulphide	Large float nearcrop of mafic volcanic schist with biotite-muscovite alteration and green chert diopside band; very fine disseminated pyrite - sample	255	E5548221
2014-10-01	G997	645530.6	5407550.5	13300N					Mafic volcanic / quartz vein / sulphide	Rusty foliated amphibole schist with rusty sulphidized quartz veining - nearcrop		E5548222

2014-10-01	G998	645543.8	5407550.7	13300N	100	Mafic volcanic	Strongly sheared mafic volcanic with small felsic veining and mica alteration	256	
2014-10-01	G999	645552.7	5407528.8	13300N		Feldspar porphyry float	Float of foliated beige feldspar porphyry		
2014-10-01	G1000	645312.1	5407346.2	13300N	135	Gabbro / feldspar porphyry	Foliated gabbro. To South is contact with beige, foliated FP.		
2014-10-01	G1001	645301.7	5407337.1	13300N	133	Gabbro	Foliated mafic intrusive		
2014-10-01	G1002	645304.7	5407320.1	13300N	75 S	Feldspar porphyry	Large rusty orange foliated feldspar porphyry intrusion - 4-5m wide intrusion		
2014-10-01	G1003	645308	5407325.8	13300N		Gabbro	Dark, massive foliated mafic intrusion with late 10cm wide buff feldspathic dike X-cutting unit		
2014-10-01	G1004	645270.6	5407312.2	13300N	88 N	Gabbro	Massive dark gabbro		
2014-10-01	G1005	645259.8	5407326.6	13300N	89 N	Sulphide	Sulphide zone sandwiched in mafic intrusive - sample; banded siliceous with very fine pyrite	257	E5548223
2014-10-01	G1006	645229.9	5407290.6	13300N		Gabbro / felsic intrusion	Rusty foliated mafic unit exposure - late 40cm wide beige felsic intrusive X-cutting unit; 1-2cm wide feldspar banded zone with rust		
2014-10-01	G1007	645228.7	5407292.8	13300N	110	Sulphide	Orange, flaky banded rusty zone in mafic unit - sample		E5548224
2014-10-01	G1008	645208	5407277.1	13300N		Ultramafic	Dark, massive mafic-ultramafic intrusion		
2014-10-01	G1009	645151.8	5407240.1	13300N		Ultramafic	Dark, coarse grained massive mafic-UM intrusion		
2014-10-01	G1010	645186.2	5407205.4	13300N		Granite	Granite		
2014-10-01	G1011	645215.6	5407366	13400N		Ultramafic	Small rockface of mafic-UM intrusion		
2014-10-01	G1012	645245	5407397.3	13400N	130	Ultramafic	Foliated mafic-UM intrusion		

2014-10-01	G1013	645275.2	5407386.7	13400N				Metasediment	Grey, fine grained metasediment - cherty, gritty		
2014-10-02	G1014	645471.4	5407706.4	13500N	165			Mafic volcanic	Foliated, pillowed mafic volcanic		
	MK 028			12100N	615W			Sulphide		E5548225	
	MK 029			12100N	615W			Sulphide		E5548226	
2014-10-02	G1015	645348.6	5407582.2	13500N				Metasediment float	Sedimentary float		
2014-10-02	G1016	645333.2	5407547.9	13500N				Gabbro	Green coarse grained mafic unit		
2014-10-02	G1017	645282.2	5407563.3	13500N				Gabbro	Dark, knobby massive coarse grained gabbro rocks on hill		
2014-10-02	G1018	645277.1	5407570.8	13500N				Gabbro	Dark, foliated, massive green mafic unit - probably foliated intrusive		
2014-10-02	G1019	645214.4	5407449.7	13500N				Gabbro float	Float of foliated coarse grained hornblende-bearing mafic intrusive with drusy cream-white carbonate veining; white feldspar interstitial coarse hornblendes		
2014-10-02	G1020	645198.3	5407435.6	13500N	80 S 140 W			Gabbro float	Rock ledge outcrop of foliated mafic intrusive shear - thin quartz veinlets 0.5 to 1cm wide with mica-amphibole alteration on side; trace very fine pyrite - sample; there's a foliated FP float nearby to WSW	E5548342	
2014-10-02	G1021	645155.3	5407423.8	13500N	125			Gabbro	Small outcrop of dark massive foliated gabbro		
2014-10-02	G1022	645088.2	5407330	13500N				Ultramafic float	Large slabs - nearcrop of ultramafic intrusion; there's a 15cm wide coarse pyroxene-feldspar dike X-cutting an intrusive in one float		
2014-10-02	G1023	645075.3	540732.1	13500N				Claim Post	Post location 900M S 400M E of #1 Claim No. 4228499		
2014-10-02	G1024	645006.9	5407391.4	13600N				Ultramafic / sulphide zone / granite	Large jutting outcrop of foliated deformation zone of leucocratic rock with mafic bands within - contact zone; there's a foliated feldspar-porphyrific felsic unit on South side with biotites along foliation; contact - banding of sediment with mafic; mafic unit to North with rusty cherty exhalite unit within	258, 259, 260	

2014-10-02	G1025	645018.2	5407393.5	13600N						Rusty cherty sulphidized, foliated unit - sample; weak magnetism		E5548343
2014-10-02	G1026	645019.3	5407393.3	13600N						Large boulder of mafic-U/M intrusive with lots of quartz-silica veining		
2014-10-02	G1027	645036.8	5407398.9	13600N						Rusty mafic float - very fine sulphide		E5548344
2014-10-02	G1028	645044.5	5407396	13600N						Mica-altered sheared mafic volcanic rusty float contains up to 3cm wide green with quartz bands; very fine disseminated sulphide in mica		E5548345
2014-10-02	G1029	645269	5407611.1	13600N						Foliated mafic intrusive unit		
2014-10-02	G1030	645304.6	5407647.1	13600N						Large foliated mafic intrusive floats nearcrop; large coarse grained white to light grey felsic intrusion to South		
2014-10-02	G1031	645352.9	5407689.8	13600N	145					Foliated mafic volcanic		
2014-10-04	G1032	645334.5	5407805.2	13700N	120					On trail, green aphanitic pillowed mafic volcanic; there's a 30cm wide bull quartz vein; carbonate-quartz in selvaging		
2014-10-04	G1033	645321.5	5407851.9	13700N						Dark, amphibole-rich mafic volcanic; there's a rusty float next to it - sample with siliceous, rusty leucocratic with fine grained disseminated pyrite	E5548346, E5548347	
2014-10-04	G1034	645324.4	5407823.9	13700N	125	72				Foliated green pillow basalt - good outcropping on ridge off of trail		
2014-10-04	G1035	645327.6	5407833.6	13700N						Siliceous, sheared muscovite-diopside banded float - rusty with fine grained stringer pyrrhotite along foliation - sample	E5548348	
2014-10-04	G1037	645250.2	5407847.1	13700N						Large boulder of green retrogressive amphibole-altered foliated mafic volcanic; some coarser actinolite; a couple of 2cm wide quartz veins along foliation; some calcite veining surrounding some clasts		
2014-10-04	G1038	645236.7	5407810.5	13700N	154					Outcrop of foliated mafic volcanic with some quartz; coarse grained green tremolitic floats		
2014-10-04	G1039	645235	5407815.6	13700N	77	S				Foliated mm-thin felsic veinlet-bearing mafic volcanic; small, light pink, foliated, veiny quartz-rich felsic vein along foliation with very fine grained disseminated pyrrhotite and chalcopyrite at 1-3% - sample - looks like green and purple banding alteration with quartz	E5548349	
2014-10-04	G1040	645212.2	5407752.5	13700N	148	80				Ridge of foliated mafic volcanic with some medium grained black amphiboles in a finer groundmass; very fine masses of needles amphibole; few very fine blebs of pyrite in the amphibole		

2014-10-04	G1041	645124.4	5407735.3	13700N					Mafic volcanic float that is rusty and hematized, red probably fine grained garnets in light green groundmass; massive fine grained gabbroic textured; nearby quartz veinlet-bearing foliated mafic volcanic float		
									Mafic volcanic float		
2014-10-04	G1042	645120.5	5407705.2	13700N					Large coarse grained peridotite boulder with black coarse pyroxenes and interstitial green and white amphibole-feldspar		
									Ultramafic float		
2014-10-04	G1043	645058.2	5407669.1	13700N					Boulder of white quartz, feldspar granite intrudes dark mafic intrusive - mafic clasts; by pond		
									Felsic intrusive / gabbro boulder		
2014-10-04	G1044	645053.4	5407660.6	13700N					Medium to coarse grained foliated mafic intrusive with white calcite film alteration - float		
									Gabbro float		
2014-10-04	G1045	644956.2	5407592.4	13700N			315		Outcrop of dark green foliated mafic volcanic		
									Mafic volcanic		
2014-10-04	G1046	644908.1	5407577.3	13700N					Float of felsic volcanic - white, non-crystalline		
									Felsic volcanic float		
2014-10-04	G1047	644709.9	5407528.6	13800N			300		Large outcropping of green tuffaceous-looking probably ultramafic intrusive		
									Ultramafic		
2014-10-04	G1048	644699.2	5407500.4	13800N					Another exposure - continue long ridge of green mafic tuff intrusion, talcose		
									Ultramafic		
2014-10-04	G1049	644680	5407479.5	13800N			285		Continue ridge of intrusion - foliated talc-altered section		
									Ultramafic		
2014-10-04	G1050	644537.4	5407428	13800N					Highly sheared mafic unit with rust on weathered fracture planes, white carbonate veinlet alteration		
									Ultramafic float		
2014-10-04	G1051	644552.5	5407374	13800N			312		Foliated green ultramafic intrusion with fine grained rubbly tuffaceous texture		
									Ultramafic		
2014-10-04	G1052	644548.3	5407357.8	13800N					Outcrop of intrusion; there's a medium grained biotite granite 25cm wide sandwiched within unit		
									Ultramafic / granite		
2014-10-04	G1053	644544.7	5407341.5	13800N					Outcrop to west of intrusion of biotite granite		
									Granite		
2014-10-04	G1054	644537.2	5407331.5	13800N					Outcrop of fine grained granite		
									Granite		

2014-10-04	G1055	644510.5	5407326.6	13800N				Mafic volcanic sulphide zone boulder	Large nearcrop of foliated, thin felsic veined micaceous altered, sheared, rusty mafic unit - a deformation zone; muscovite-dioptase alteration - samples A, B, C; stringer very fine grained pyrrhoite-pyrite along foliation; sample C - more sericite - purple with pyrite-pyrrhoite	261, 262, 263, 264	E5548227, E5548228, E5548229
2014-10-04	G1056	644510.4	5407325.9	13800N				Mafic volcanic sulphide zone boulder	Sample - purple, very siliceous with very fine pyrite disseminated throughout		E5548230
2014-10-04	G1057	644510.1	5407323.7	13800N				Ultramafic / granite	Outcrop of ultramafic intrusion in contact with granite		
2014-10-04	G1058	644496.2	5407308.3	13800N	4			Ultramafic	Foliated fine grained mafic intrusion		
2014-10-04	G1059	644492.6	5407301.9	13800N				Felsic intrusion	White medium grained felsic intrusion X-cutting mafic unit		
2014-10-04	G1060	644462.6	5407259.5	13800N				Ultramafic	Foliated ultramafic		
2014-10-04	G1061	644462.8	5407251.8	13800N				Sulphide float	Rusty, sulphidized mafic intrusive float; sample		E5548350
2014-10-04	G1062	644444.3	5407255.1	13800N	329			Ultramafic / felsic unit	Shear zone really talc-altered - sample; sericite schist?; sericite mica alteration		E5548351
2014-10-04	G1063	644442.8	5407252.1	13900N				Ultramafic	Foliated dark intrusion on shore		
2014-10-04	G1064	644517.9	5407349.6	13900N				Ultramafic	Massive ultramafic unit with some maybe spinifex?	265	
2014-10-04	G1065	644512.9	5407387	13900N				Ultramafic	Talcose ultramafic unit		
2014-10-04	G1066	644551.3	5407425.1	13900N				Ultramafic	Tuff-looking ultramafic intrusion - rusty spots with fine pyrite blebs		
2014-10-04	G1067	644570.8	5407452.6	13900N				Ultramafic	Ridge of rubbly fine grained ultramafic intrusive		
2014-10-04	G1068	644651.7	5407492.5	13900N				Ultramafic	Top exposure of green fine grained massive ultramafic intrusion		

2014-10-04	G1069	644668	5407512.6	13900N					Green ultramafic intrusion ridge exposure		
2014-10-04	G1070	644895	5407688.8	13800N					Breccia unit on drill trail of angular up to 5cm long mafic clasts in a white granite intrusive matrix		
2014-10-06	G1071	645250.9	5407937.9	13800N					Nearcrop boulder of mafic volcanic		
2014-10-06	G1072	645116.3	5407847.6	13800N					Boulder of breccia - granodiorite intrudes coarse grained gabbro		
2014-10-06	G1073	645095.7	5407819.1	13800N	127	81			Highly foliated 0.5cm quartz veinlet-rich mafic volcanic schist		
2014-10-06	G1074	645095.5	5407815.2	13800N					Altered muscovite and siliceous banded, sheared mafic volcanic float nearcrop - probably from same shear as G1073 - sample; somewhat rusty	E5548352	
2014-10-06	G1075	645094.2	5407812.8	13800N	140				Ridge of foliated mafic volcanic		
2014-10-06	G1076	645068.2	5407824	13800N					Large boulder of foliated mafic volcanic with quartz veining, mica on the side and fine grained blebs of pyrite	E5548353	
2014-10-06	G1077	645067.1	5407815.1	13800N					Foliated mafic volcanic boulder; also boulders of granodiorite brecciating mafic unit in the area		
2014-10-06	G1078	645070.5	5407778.9	13800N					Float of coarse grained amphibole, dark green gabbro with pink irregular veining		
2014-10-06	G1079	645055.7	5407771.2	13800N					Boulder of granodiorite brecciating mafic unit with pyrite-chalcopyrite fine sulphides in one of mafic clasts surrounded by felsic veinlets		
2014-10-06	G1080	644986.6	5407753.8	13800N					Foliated coarse grained tremolite mafic intrusion boulder		
2014-10-06	G1081	644832.6	5407674.7	13900N					Large mafic-ultramafic intrusion boulders in this area		
2014-10-06	G1082	644804.5	5407629.9	13900N					Outcrop of dark mafic unit, very fine grained, massive - continue boulders of ultramafic		
2014-10-06	G1083	644731.6	5407563.3	B/w 13900N and 14000N					Grey very finely banded angular boulder, maybe metasediment		

2014-10-06	G1084	644662.2	5407611.9	B/w 13900N and 14000N				Ultramafic float	Foliated mafic-ultramafic intrusive schist with beige felsic vein/banding along foliation, little bit of rust - thin, sheared siliceous FP along foliation		
2014-10-06	G1085	644642.2	5407621.4	14000N				Iron formation float	Large sulphidized, rusty, sulphide zone boulder - sample; 60cm wide zone; very rusty, mafic probably sulphide IF; very fine sulphide	E5548354	
2014-10-06	G1086	644550.5	5407626	14000N				Ultramafic	Large ridge of green tufaceous ultramafic unit, massive		
2014-10-06	G1087	644489.8	5407484.2	14000N	81	S		Ultramafic	Jutting ridge exposure of foliated light green fine grained tufaceous ultramafic		
2014-10-06	G1088	644459.6	5407470.6	14000N				Mafic volcanic	Outcrop of light green aphanitic volcanic - andesite? - sample	E5549057	
2014-10-06	G1089	644390.4	5407389.4	14000N	332	79		Feldspar porphyry	Outcrop of large beige, sheared, siliceous, few metre-wide unit	E5548355	
2014-10-06	G1090	644352	5407430.2	B/w 14000N and 14100N				Granite	Outcrop of massive biotite-feldspar granite		
2014-10-06	G1091	644344.6	5407491.9	14100N				Sulphide	Float on shore of lake of sheared felsic banded ultramafic with smoky quartz and sulphide - fine pyrite sulphides; purple muscovite alteration, stringer sulphide	E5548231	
2014-10-06	G1092	644392.2	5407554.2	14100N				Mafic volcanic	Medium green very fine grained massive andesite volcanic ridge		
2014-10-06	G1093	644397.4	5407564.3	14100N				Ultramafic	Knobby exposure of green fine to very fine tufaceous mafic-ultramafic volcanic		
2014-10-06	G1094	644421.5	5407610.7	14100N				Ultramafic	Spinifex-textured komatiite massive unit		
2014-10-06	G1095	644429.4	5407634.6	14100N				Ultramafic	Continue exposure of spinifex, very fine green tufaceous komatiite		
2014-10-06	G1096	644440.9	5407657.4	14100N				Mafic volcanic	Lighter green tufaceous volcanic andesite		
2014-10-06	G1097	644447	5407666.2	14100N				Mafic volcanic	Massive outcrop of lighter green more crystal tufaceous andesite		
2014-10-06	G1098	644449.8	5407697.2	14100N				Ultramafic	Very fine tufaceous green komatiite - large outcrop		

2014-10-06	G1099	644455.1	5407711.8	14100N					Massive very fine grained to aphanitic light to medium green volcanic		
2014-10-06	G1100	644448.1	5407735	14100N					Lots of outcrop on lake shore of massive komatiite - rock saw cuts of sample out of rock		E5549059
2014-10-06	G1101	644714.2	5407680.6	14000N					Dark ultramafic float on hill - nearcrop; foliated with few thin felsic bands with rust		
2014-10-06	G1102	644976.5	5407812.9	13900N					Large boulder of medium grained and foliated gabbro		
2014-10-06	G1103	644974.2	5407934	13900N					Boulder of highly foliated mafic unit with thin mm carbonate veinlets along foliation		
2014-10-06	G1104	645017.8	5407867.3	13900N					Dark foliated massive gabbro boulders		
2014-10-06	G1105	645100.7	5407934.1	13900N					Very large boulder of massive foliated fine grained mafic volcanic or gabbro - sheared thin feldspar porphyry, siliceous on side of boulder with few fine pyrite blebs on chlorite fractures - sample		E5548356
2014-10-06	G1106	645094.1	5408092.5	13900N			On trail		Sheared sulphide float - cherty banding with fine pyrite sulphide - sample		E5548357
2014-10-06	G1107	645080.5	5408084.7	13900N			On trail		Sulphide float - contains muscovite banding with pyrite sulphide - sample		E5548358
2014-10-07	G1108	645010.8	5407962.6	14000N					Large boulder of foliated massive mafic volcanic with sheared lenses of beige feldspar porphyry along foliation		
2014-10-07	G1109	644921.7	5407908.8	14000N					Very large boulders of dark mafic volcanic or intrusive		
2014-10-07	G1110	644908.6	5407878	14000N					Foliated mafic volcanic boulders with pink sheared lensy FP clasts and veins		
2014-10-07	G1111	644887.2	5407830.2	14000N					Large float of coarse green and white gabbro of amphibole-white feldspar composition; feldspar is pink-orange in spots		
2014-10-07	G1112	644848.7	5407788.5	14000N					Big dark mafic unit boulders		
2014-10-07	G1113	644834.9	5407779.7	14000N					Very large flat boulder of white feldspar-porphyrific unit with dark groundmass - foliated biotites - porphyritic granite; could be not far from source		

2014-10-07	G1114	644816.8	5407784.3	14000N		290	38	Gabbro	Dark foliated mafic intrusive unit; probably shifted nearcrop			
2014-10-07	G1115	644783.4	5407748.6	14000N				Iron formation float	Large foliated gossan sulphide float - very rusty, probably iron formation - sample; very cherty groundmass	266	E5548359	
2014-10-07	G1116	644762.9	5407742.3	14000N				Iron formation float	Another large iron formation float 20m away from G1115 - sample; very fine cherty, dark and light bands, non-magnetic	267, 268	E5549042	
2014-10-07	G1117	644756.2	5407732.3	14000N				Ultramafic float	Large boulder near IF boulders of dark green mafic-ultramafic intrusion with white feldspathic veining			
2014-10-07	G1118	644706	5407687.2	14100N				Ultramafic float	Large boulders of dark green sheared ultramafic with white carbonate veining along foliation			
2014-10-07	G1119	644732.5	5407828.9	14100N				Mafic volcanic schist / sulphide float	Float of thin white carbonate-feldspar banded sheared mafic volcanic schist - purple and green chert alternating with dark bands, few blebs of pyrrhoite - sample		E5549043	
2014-10-07	G1120	644758.3	5407837.1	14100N				Iron formation	Outcrop of dark rusty sulphide zone - probably the iron formation with pyrite sulphides in dark green groundmass; very fine pyrite in cherty groundmass; mafic volcanics are flaky and inch wide slaty cleaved on side to NW		E5549044, E5549045	
2014-10-07	G1121	644766.9	5407838.6	14100N				Ultramafic	Rock juts out of ridge of dark massive ultramafic intrusion			
2014-10-07	G1122	644777.4	5407837	14100N				Ultramafic float	Large boulder of foliated rusty 0.5cm wide felsic banded ultramafic - sample	269, 270	E5549046	
2014-10-07	G1123	644940	5408014.9	14100N				Gabbro float	Large boulder of dark massive mafic intrusive with late feldspar veining			
2014-10-07	G1124	644995.1	5408070.7	14100N				Mafic volcanic / sulphide float	Very large boulder of foliated mafic unit with rusty quartz veins and silicified feldspar porphyry with few blebs of very fine pyrite - sample		E5549047	
2014-10-07	G1125	644986.6	5408185.7	14200N				Gabbro boulders	Large knobby boulders of mafic intrusive, black, coarse grained			
2014-10-07	G1126	644936.2	5408133.3	14200N				Mafic volcanic boulder	Boulder of foliated mafic volcanic with rusty felsic veins along foliation - similar to G1124			
2014-10-07	G1127	644916.3	5408137.8	14200N				Mafic porphyry boulder	Mafic unit with white tabular up to 3mm wide porphyritic feldspars in a dark groundmass - mafic porphyry boulder			
2014-10-07	G1128	644729	5408009.9	14200N		142		Gabbro	Outcrop ridge of dark gabbro, bubbly textured			

2014-10-07	G1129	644722.5	5408000	14200N						Boulder of dark, fine grained mafic intrusive with few felsic 0.5cm wide veinlets - bleb of chalcopyrite		
2014-10-07	G1130	644707.9	5407940	14200N						Bunch of large boulders of mafic-UM intrusive on hill with late feldspar veining		
2014-10-07	G1131	644634.4	5407920.4	14300N						Float of felsic volcanic, flat, foliated, siliceous		
2014-10-07	G1132	644702.6	5408089.9	14300N	152	82				Outcrop of foliated massive green mafic volcanic		
2014-10-07	G1133	644704.9	5408083.9	14300N						Some thin 0.5cm wide rusty felsic banding along foliation in mafic volcanic	271	
2014-10-07	G1134	644696.8	5408094.9	14300N						Small beige foliated feldspar porphyry dike in mafic volcanic		
2014-10-07	G1135	644692.3	5408104.9	14300N	150					Continue ridge exposure of foliated massive mafic volcanic		
2014-10-07	G1136	644684.2	5408108.6	14300N						Rusty felsic banded, sheared mafic volcanic - sample		
2014-10-07	G1137	644762.2	5408163.6	14300N						Ridge of massive dark mafic unit - foliated mafic volcanic		
2014-10-07	G1138	644782.3	5408173.9	14300N						Foliated felsic unit in contact with mafic volcanic to North - probably FP		E55-49058
2014-10-07	G1139	644792.4	5408182.3	14300N	145	82				Large rockface crosses stratigraphy of foliated mafic volcanic, some areas of more sheared thin felsic veining along foliation		
2014-10-07	G1140	644807.2	5408199.9	14300N						Foliated pillowed mafic flow with thin beige felsic veining		
2014-10-07	G1141	644810.3	5408206.3	14300N						30cm wide sheared felsic zone in mafic volcanic - rusty in felsic unit	272	
2014-10-07	G1142	644820.3	5408216.6	14300N						Continue exposure of transect through pillowed mafic volcanic		
2014-10-07	G1143	644832	5408222.7	14300N						Continue transect to massive mafic unit to North, dark gabbro		

2014-10-08	G1159	644409.6	5408323.8	B/w 14600N and 14700N				Diorite / sulphide	Sample location of pyrite-rich, foliated, rusty diorite intrusive		E5549050
2014-10-08	G1160	644372.4	5408334.6	14700N				Ultramafic	Outcrop of fine grained massive green, ultramafic intrusion		
2014-10-08	G1161	644383.5	5408368.8	14700N	9401E			Diabase	Light brown and black fine grained, weathered diabase dike, very biotite-rich		
2014-10-08	G1162	644456.6	5408450.8	14700N	9507E			Gabbro/pyroxenite / sulphide	Outcrop of coarse grained, pegmatitic pyroxene-rich gabbro with pyrite	277	E5549051
2014-10-08	G1163	644487.7	5408460.9	14700N				Gabbro/pyroxenite	Coarse pegmatitic gabbro-pyroxenite with white talc schist layer on top		
2014-10-08	G1164	644535	5408485.7	14700N	9595E	85 9W		Felsic volcanic	Outcrop of felsic, foliated biotite and sericite-rich felsic volcanic - green and white mm-thinly banded schist zone of felsic and mafic volcanic; nearby very large granite boulder		E5549056
2014-10-08	G1165	644567.7	5408548.9	14700N				Quartz vein / gabbro float	Float of coarse quartz vein X-cutting mafic intrusive unit		
2014-10-08	G1166	644587.8	5408553.5	14700N	9680E			Mafic volcanic boulders	Large floats and outcrop of foliated mafic unit volcanic with some thin felsic bands along foliation, some purple muscovite alteration		
2014-10-08	G1167	644616	5408593.9	14700N	9731E			Mafic volcanic	Outcrop of foliated mafic volcanic with red sulphidic alteration - magnetism		
2014-10-08	G1168	644674.6	5408635.4	14700N	000E			Mafic volcanic	Massive mafic volcanic		
2014-10-08	G1169	644664	5408653.4	B/w 14700N and 14800N	000E	150 78		Mafic volcanic	Large amount of ridge exposure off baseline; foliated mafic volcanic		
2014-10-08	G1170	644589.3	5408686.5	14800N	9780E			Mafic volcanic	Pillowed mafic flow - south side of trench		
2014-10-08	G1171	644562	5408677.8	14800N				Gabbro/pyroxenite	Large outcrop ridge of massive coarse grained mafic unit - dark green gabbro-pyroxenite		
2014-10-08	G1172	644491.7	5408613.3	14800N				Mafic volcanic floats	Flat floats of foliated mafic volcanic with thin calcite bands along foliation		
2014-10-08	G1173	644473.7	5408580.5	14800N	9615E			Mafic volcanic float	Highly foliated mm-thin dark and light banded mafic schist float with mica alteration - rusty along fracture planes		

2014-10-08	G1174	644432.5	5408546.1	14800N					Foliated mafic schist float with quartz veining			
2014-10-08	G1175	644438.3	5408537.5	14800N					Large medium grained massive gabbro float			
2014-10-08	G1176	644438.4	5408532.3	14800N	9555E				Cherty, siliceous float with very fine pyrite and mica alteration - sample		E5549052	
2014-10-08	G1177	644382.4	5408457.1	14800N					Float of highly foliated mafic gabbro unit			
2014-10-08	G1178	644336.4	5408463.4	14800N					Late very fine grained beige felsic dike X-cuts mafic unit			
2014-10-08	G1179	644264.9	5408497.5	B/w 14800N and 14900N	9425E				On hill slope near East shore of Dayo Lake - large, sheared, sulphidized boulder with few mm wide light and dark bands - Iron Formation; mica alteration	278	E5549053	
2014-10-08	G1180	644249.2	5408521.2	14900N	9405E				Float of iron formation with rust in bands - sample			E5549054
2014-10-08	G1181	644259.5	5408533.2	14900N		170			Outcrop of foliated mafic unit with 5cm wide felsic bands along foliation			
2014-10-08	G1182	644279.7	5408557.6	14900N					Large float of foliated mafic intrusion with cm-wide felsic bands			
2014-10-08	G1183	644409.2	5408668.8	14900N	9625E				Sulphidized mafic-felsic contact zone boulder - major schist, sample - very cherty			E5567960
2014-10-10	G1184	644455.1	5408694.7	14900N	9680E				Large boulder of felsic volcanic - large and flat, foliated, sheared mafic in contact with felsic; felsic looks medium grained feldspar-porphyrific; mafic is sheared, rusty, micaceous on contact	280, 281		
2014-10-10	G1185	644367.4	5408760	15000N	9657E	155			Large outcrop of dark, massive foliated mafic volcanic	279		
2014-10-10	G1186	644338	5408756.6	15000N					Coarse grained, mottled gabbro-pyroxenite, massive unit, dark green-black - large rockface ridge exposure			
2014-10-10	G1187	644344	5408748.8	15000N					Continue rockface to Southeast, more foliated, thin, light green-white felsic banding - rusty, white feldspar-quartz-carbonate thin veintleting along foliation			E5567961
2014-10-10	G1188	644343.6	5408735.2	15000N	9623E				Large beige, fine grained luffaceous felsic volcanic in contact with mafic; felsic is to South of contact - sample - it may be a feldspar porphyry			E5566613

2014-10-10	G1189	644347.1	5408723.2	15000N					Foliated contact of felsic unit to North with mafic volcanic to South - few rusty 1cm wide felsic veining in mafic volcanic at contact; sample of rusty felsic veined mafic at contact		E5567962
2014-10-10	G1190	644348.3	5408707.7	15000N					Feldspar-phyrlic foliated beige intrusive		
2014-10-10	G1191	644306.2	5408703	15000N	9575E	155			Foliated, massive green mafic volcanic; there are late irregular feldspar-quartz veins X-cutting unit that are 5cm wide		
2014-10-10	G1192	644266.2	5408658.1	15000N					Aphanitic, light green, talcy ultramafic boulder or outcrop		
2014-10-10	G1193	644245.4	5408648.5	15000N	9492E				Boulder of sheared fine grained mafic unit with rust on fracture planes; sulphide on side - sample		
2014-10-10	G1194	644250.5	5408625.3	15000N					Mafic schist unit with some rust on fracture planes; very fine acicular amphibole and feldspar; late small feldspar-quartz veins		
2014-10-10	G1195	644209.7	5408625.9	15000N	9450E	315	87		Fine dark and light banded, foliated mafic volcanic outcrop with some rust - sample	282, 283	
2014-10-10	G1196	644193.2	5408581.4	15000N					Sample on hill slope near east shore of lake of altered, rusty mafic schist		E5567963
2014-10-10	G1197	644175.7	5408591.2	15000N	9406E				Mafic schist float, sheared, mica altered with sulphide blebs - sample		
2014-10-10	G1198	644173.2	5408596.5	15000N					Large floats of sheared mafic-felsic schist; lots of mica alteration - sample		E5567964
2014-10-10	G1199	644157.7	5408604.7	B/w 15000N and 15100N					Massive medium grained mafic intrusive is dark green		
2014-10-10	G1200	644108.9	5408652.5	15100N					Large steep rockface of massive, foliated unit - mafic volcanic		
2014-10-10	G1201	644107.4	5408657	15100N		126	88		Creamy white-beige coloured ash tuff felsic volcanic South of mafic volcanic by East shore of lake, pink potassic altered	284, 285, 286	
2014-10-10	G1202	644073.8	5408685	15100N			327	80	Large ridge exposure of highly foliated zone of mafic unit to North that is felsic-altered; felsic volcanic would be South of this - siliceous, felsic-mafic banded		
2014-10-10	G1203	644088.7	5408669.2	15100N	9415-9420E				Sulphide float in sheared mafic unit, micaceous and rusty - sample		E5567965

2014-10-10	G1204	644153.7	5408699	15100N		148	88	Mafic volcanic	Foliated mafic volcanic; to NW, there is a 10cm wide quartz-feldspar vein X-cutting the unit		
2014-10-10	G1205	644149.1	5408697.9	15100N	9475E			Quartz vein	Sample of quartz vein		E5567966
2014-10-10	G1206	644153	5408693.6	15100N				Mafic volcanic / sulphide float	Large, foliated mafic boulder with finely banded thin felsic-mafic schist - siliceous with rusty spots - sample; banded purple mica alteration		
2014-10-10	G1207	644157.3	5408702.6	15100N		134		Mafic volcanic	Outcrop of ridge of dark, foliated mafic volcanic - thin mafic-felsic striped shear zone		
2014-10-10	G1208	644321.6	5408838.8	15100N	9690E		77	Mafic volcanic	Ridge exposure of dark, massive mafic volcanic		
2014-10-10	G1209	644341.7	5408877	15100N				Mafic volcanic / sulphide float	Banded schist mafic volcanic float; calcite along foliation, very purple micaceous; few very fine pyrite blebs		E5567967
2014-10-10	G1210	644352.3	5408892.9	15200N	9740E			Mafic volcanic	Outcrop of massive mafic volcanic		
2014-10-10	G1211	644328.6	5408990.4	15200N	9780E			Mafic volcanic	Massive mafic volcanic		
2014-10-10	G1212	644312	5408976.8	15200N				Mafic volcanic float	Float of foliated, thin carbonate and feldspar-bearing mafic volcanic; some purple mica		
2014-10-10	G1213	644194.4	5408874.9	15200N				Gabbro boulder	Boulder of coarse mottly dark gabbro		
2014-10-10	G1214	644187.7	5408867.4	15200N	9600E			Mafic volcanic float	Boulder of thin, felsic banded mafic volcanic; contains garnets, purple mica		
2014-10-10	G1215	644035	5408733.8	B/w 15200N and 15300N		140		Feldspar porphyry	Small zone at contact of mafic volcanic to North with felsic volcanic to South; altered, sheared feldspar porphyry		
2014-10-10	G1216	644023.3	5408747.9	B/w 15200N and 15300N		146	82	Felsic volcanic	Foliated, sericitized felsic volcanic is very siliceous; lineation plunge 88 degrees South; sample		E5566614
2014-10-10	G1217	644005.7	5408723.6	B/w 15200N and 15300N		136	89	Felsic volcanic	Large banding going West of foliated felsic volcanic; hill exposure; sericitized with rusty spots sheared	287, 288	
2014-10-10	G1218	644001.5	5408725.7	B/w 15200N and 15300N				Felsic volcanic	Sericite-mafic schist zone sample		

2014-10-11	G1234	643885.8	5408732.6	15300N	9248E				Mafic volcanic	Another flat, irregular schist boulder of felsic feldspar-carbonate bands - sample	E5567970
2014-10-11	G1235	643866.3	5408724.9	15300N	9225E				Ultramafic float	Boulder of carbonate-veined foliated ultramafic	
2014-10-11	G1236	643861.9	5408711.4	15300N	9209E				Sulphidized felsic volcanic float	Small floats of beige, pink potassic altered sheared felsic volcanic with proximal ultramafic float; sample of rusty weathered, sheared, cherty felsic volcanic float; sericitic; very fine pyrite blebs in groundmass	E5566615
2014-10-11	G1237	643861.5	5408638.9	15300N					Ultramafic float	Large boulder of fine graine, tufaceous ultramafic - massive	
2014-10-11	G1238	643856.1	5408653.5	15300N					Ultramafic float	Another large tufaceous ultramafic boulder	
2014-10-11	G1239	643846.3	5408676.8	15300N					Felsic volcanic float	Flat, angular cream white, banded, sheared felsic volcanic boulder	
2014-10-11	G1240	643703.5	5408608.9	15300N					Gabbro	Outcrop of foliated, massive medium to coarse grained mafic gabbro	
2014-10-11	G1241	643676.2	5408595.9	15300N		167			Gabbro	Foliated, fine grained black mafic intrusive with some rust; amphibole schist with few fine pyrite blebs	
2014-10-11	G1242	643677.2	5408591.6	15300N		190			Gabbro	Massive, dark medium grained gabbro intrusion	
2014-10-11	G1243	643690.7	5408577.1	15300N	9000E				Gabbro	Massive, dark mottled gabbro ridge	
2014-10-11	G1244	643671.3	5408537.6	15300N					Gabbro	Outcrop of medium grained massive gabbro	
2014-10-11	G1245	643654.4	5408524.9	15300N	8933E				Gabbro	Ridge exposure of massive rubbly textured fine grained gabbro	
2014-10-11	G1246	643649.8	5408513.1	15300N	8928E				Metasediment float	Boulder of bedded greywacke metasediment	
2014-10-11	G1247	643641.3	5408512.3	15300N					Felsic intrusion	Massive, more leucocratic medium grained felsic intrusion	
2014-10-11	G1248	643631.4	5408513.4	15300N	8912E	80 S W			Mafic schist / felsic intrusion	Ridge exposure of disrupted mafic intrusive schist with X-cutting coarse grained white felsic intrusion; banded schist; felsic dike truncates foliation of schist; schist is cm felsic-mafic banded; sample of felsic intrusion	290, 291 E5567971

2014-10-11	G1249	643624.8	5408503.9	15300N	8900E	146	78	Felsic volcanic	Felsic-mafic banded schist zone - sheared felsic volcanic, sericitic		E5566616
2014-10-11	G1250	643626.6	5408507.2	15300N				Chert	Chert horizon with rust on fracture planes; chert is west of felsic volcanic - sample		E5567972
2014-10-11	G1251	643616.8	5408500.3	15300N				Sulphide / quartz vein zone	Major sulphide, quartz vein, mafic-felsic schist deformation zone - major structure; from west to east: orange-red rusted sheared felsic unit-->quartz vein gossan-->mafic banded schist-->chert-->sheared felsic volcanic-->mafic banded schist with late felsic dikes-->gabbro; sample A of rusted felsic schist, sample B of rusted quartz vein, sample C of chert-banded rock on east side	292, 293	E5567973, E5567974, E5567975
2014-10-11	G1252	643613.2	5408505.9	15300N				Sulphide / feldspar porphyry zone	Another sample of felsic banded, rusty unit on west side - metasediment? - sample A; sample B is cherty green banded, purple mica altered feldspar porphyry; lineation plunge 83 degrees SW	294	E5567976, E5567977
2014-10-11	G1253	643611.5	5408481.5	15300N	8872E		90	Sulphide zone	Outcrop of large, rusty, cherty banded sulphide deformation zone; light pink felsic intrusion on E side; vertical dip; previously sampled	295	
2014-10-11	G1254	643591.3	5408470.5	15300N	8850E			Mafic volcanic	Massive mafic volcanic		
2014-10-11	G1255	643582.2	5408463.9	15300N	8840E			Mafic volcanic	Green, massive mafic volcanic		
2014-10-11	G1256	643545.4	5408446.2	15300N	8800E	85	S	Mafic volcanic	Schistous, banded mafic volcanic - large ridge exposure		
2014-10-11	G1257	643461.4	5408348.1	15300N				Mafic volcanic boulders	Large boulders of foliated mafic volcanic; nearby boulder of very large white and light green-grey felsic banded mafic schist		
2014-10-11	G1258	643411.1	5408310.2	15300N		146	83	Mafic volcanic / feldspar porphyry	Large ridge exposure of massive mafic volcanic; feldspar-phyrlic unit on east side - large feldspar porphyry		
2014-10-11	G1259	643395.3	5408299.9	15300N				Mafic volcanic	Large ridge rockface of foliated mafic volcanic - white carbonate veining, bit of rust in groundmass unit		
2014-10-11	G1260	643375.8	5408298.1	15300N				Mafic volcanic	Continue ridge - lots of exposure of foliated mafic volcanic		
2014-10-11	G1261	643392.4	5408288.6	B/w 15300N and 15200N				Sulphide	Outcrop of sulphide - yellow rust; siliceous, some fine sulphide - sample A; sample B is cherty with very fine pyrite, sheared		E5567979, E5567978
2014-10-11	G1262	643400.5	5408270.4	B/w 15300N and 15200N				Mafic volcanic	Massive green pillowed mafic volcanic		

2014-10-11	G1263	643395.2	5408269.4	B/w 15300N and 15200N					Mafic volcanic is foliated and carbonatized		
2014-10-11	G1264	643426.9	5408262.5	B/w 15300N and 15200N					Massive mafic volcanic ridge		
2014-10-11	G1265	643423.2	5408254.8	B/w 15300N and 15200N					Massive, fine grained ultramafic intrusion		
2014-10-11	G1266	643423.5	5408238.8	B/w 15300N and 15200N					Continue ridge of ultramafic intrusion; composition is dominantly dark pyroxene with green serpentine surrounding the pyroxenes		
2014-10-11	G1267	643426.2	5408217.6	B/w 15300N and 15200N					Large slab of sheared, cherty gossan iron formation; sample with very fine pyrite		E5567980
2014-10-11	G1268	643482.9	5408201.2	B/w 15300N and 15200N					Potassic altered mafic-felsic banded volcanic schist		
2014-10-11	G1269	643470	5408178.6	15200N					Green, massive mafic intrusion		
2014-10-11	G1270	643497.5	5408217.5	15200N					Dark, massive mafic intrusion		
2014-10-11	G1271	643541.2	5408263.3	15200N					Fine grained massive mafic intrusion		
2014-10-11	G1272	643561.6	5408291.3	15200N	161	89			Foliated, few bands in mafic intrusive		
2014-10-11	G1273	643597.6	5408330.9	15200N					Massive, fine grained, more talcy ultramafic		
2014-10-11	G1274	643624.5	5408371.1	15200N			8800E		Massive dark gabbro ridge exposure		
2014-10-11	G1275	643638.3	5408384	15200N			8825E		Massive, medium grained gabbro		
2014-10-11	G1276	643653.5	5408392.2	15200N		98			Ridge of massive gabbro		
2014-10-11	G1277	643679	5408409	15200N					Gabbro-diorite, fine grained, massive, feldspar-pyroxene		

2014-10-11	G1278	643890.4	5408674.3	15200N	9218E				Ultramafic float	Boulder of foliated ultramafic		
2014-10-12	G1279	644085.9	5409045	15400N	9632E				Mafic volcanic / feldspar porphyry	Outcrop of massive mafic volcanic with 3-4cm wide bull quartz veining. There's a feldspar porphyry dike to the North.		
2014-10-12	G1280	644086.4	5409023.2	15400N					Mafic volcanic	Ridge of mafic volcanic - dark, massive unit		
2014-10-12	G1281	644077.1	5409002.3	15400N		111	76		Mafic volcanic / sulphide	Small rusty area in foliated mafic volcanic; very fine pyrite sulphide; few 0.5cm wide light green cherty felsic bands along foliation - contains 5% very fine pyrrhotite disseminated throughout - sample	E5567981	
2014-10-12	G1282	644079.3	5408996.2	15400N					Mafic volcanic	Outcrop of massive mafic with one small banded shear		
2014-10-12	G1283	644070.8	5408987.1	15400N					Mafic volcanic / feldspar porphyry boulder	Very large boulder of highly foliated mafic schist with felsic banding - FP that is sheared, some bands are 2.5cm wide		
2014-10-12	G1284	644082.4	5409031.6	15400N	9625E				Mafic volcanic / sulphide	Another small gossan on mafic volcanic ridge		
2014-10-12	G1285	643983.9	5408954.6	15400N	9501E	128	83		Mafic volcanic	Foliated mafic volcanic		
2014-10-12	G1286	643952.2	5408943.7	15400N					Mafic volcanic float	Boulder of foliated mafic schist with white foliated feldspar-quartz 5cm wide band; another mafic foliated boulder to North with white disrupted veining		
2014-10-12	G1287	643940.2	5408961.7	15400N					Mafic volcanic	Outcrop of dark, massive mafic volcanic		
2014-10-12	G1288	643916.4	5408936.7	15400N					Mafic volcanic sulphide float	Large boulder of banded mafic schist with some rust along foliation - fine pyrite sulphide in bands	E5567982	
2014-10-12	G1289	643918	5408870.3	15400N	9400E				Conglomerate boulder	Large boulder of fragmental with rounded 6cm wide cherty clasts throughout, foliated		296, 297
2014-10-12	G1290	643754	5408758.1	15400N		175	85		Gabbro	Ridge exposure of foliated medium grained gabbro - few rusty selvages; schist with garnetiferous unit on South side - cherty probably metasediment-mafic volcanic contact area		
2014-10-12	G1291	643745.3	5408753.6	15400N					Sulphide	Sulphide rusty horizon in foliated pitted unit - fissile, rusty shear - rusty with glistening mica - sample; pitted unit in contact with cherty metasediment to North	E5567983	298
2014-10-12	G1292	643734.3	5408752.9	15400N	9185E				Mafic volcanic	White, thin carbonate veinlet-bearing mafic volcanic ridge		

2014-10-12	G1293	643739.6	5408741.4	15400N	9177E				Mafic volcanic	Ridge of very thin felsic banded mafic schist		
2014-10-12	G1294	643738.9	5408736.9	15400N	9170E				Mafic volcanic	Massive green aphanitic mafic volcanic		
2014-10-12	G1295	643724.3	5408732.8	15400N	9160E	336	85		Mafic volcanic	Ridge of foliated, massive mafic volcanic		
2014-10-12	G1296	643718.9	5408725.6	15400N	9150E				Mafic volcanic	Foliated mafic unit		
2014-10-12	G1297	643703.9	5408708.6	15400N	9127E				Mafic volcanic / ultramafic	Schist at contact of tuffaceous unit - ultramafic to South - soft, talcy schist		
2014-10-12	G1298	643665.6	5408678.6	15400N	9076E				Gabbro	Schistous mafic unit with carbonate on fractures - foliated gabbro		
2014-10-12	G1299	643645.1	5408666.3	15400N	9051E				Gabbro	Ridge of foliated mafic unit		
2014-10-12	G1300	643610.3	5408642.3	15400N	9010E				Gabbro	Dark, massive gabbro with thin irregular carbonate veinlets		
2014-10-12	G1301	643594.6	5408626.1	15400N	8985E				Gabbro	Massive dark gabbro		
2014-10-12	G1302	643583.6	5408612.4	15400N	8974E	151	88		Gabbro	Ridge/rockface of schistous mafic intrusive; some mica alteration; thin 2mm felsic veinlets		
2014-10-12	G1303	643563.4	5408592.1	15400N	8945E				Mafic volcanic	Foliated mafic volcanic		
2014-10-12	G1304	643541.4	5408579.7	15400N					Mafic volcanic floats	Lots of big, massive foliated mafic boulders		
2014-10-12	G1305	643525.7	5408561.2	15400N	8895E				Mafic volcanic	End of mafic ridge with sheared, silicified banded mafic schists		
2014-10-12	G1306	643535.9	5408544.4	15400N			88	N	Mafic volcanic	Rockface exposure of foliated mafic volcanic ridge with silicification		
2014-10-12	G1307	643418.3	5408469.2	15400N	8752E				Mafic volcanic / feldspar porphyry	Massive mafic volcanic with feldspar porphyry dike on SW side		

2014-10-12	G1308	643383.6	5408443.1	15400N			80 S	Mafic volcanic	Massive fine grained buffaceous mafic volcanic		
2014-10-12	G1309	643366.8	5408441.6	15400N	8702E			Mafic volcanic	Continue mafic schist volcanic		
2014-10-12	G1310	643356	5408436.7	15400N				Felsic dike / mafic volcanic	Felsic dike in contact with mafic volcanic is a bit rusty		
2014-10-12	G1311	643295.5	5408378.4	15400N	8606E			Mafic volcanic	Mafic volcanic		
2014-10-12	G1312	643295	5408356.5	B/w 15400N and 15300N			76 N	Metasediment / sulphide / mafic volcanic	Rockface with rusty shear zone at contact with grey banded metasediment to West and mafic volcanic to East - sample	299	E5567984
2014-10-12	G1313	643314.5	5408336.3	B/w 15400N and 15300N				Mafic volcanic	Rockface of mafic volcanic, massive unit		
2014-10-12	G1314	643322.9	5408305.6	B/w 15400N and 15300N			74 N	Mafic volcanic	Mafic-felsic banded carbonate-altered schist with crystalline calcite and garnets		
2014-10-12	G1315	643333	5408315.2	B/w 15400N and 15300N				Metasediment / sulphide	Highly foliated, cherty, light orange sulphidic rock - banded with calcite and garnets - metasediment		
2014-10-12	G1316	643342.8	5408322.6	B/w 15400N and 15300N				Mafic volcanic	Mafic volcanic - foliated with mica alteration, white carbonate veining, some rust with few pyrite blebs		
2014-10-12	G1317	643374.7	5408312.6	B/w 15400N and 15300N				Mafic volcanic	Mafic volcanic - massive unit ridge exposure		
2014-10-12	G1318	643454.8	5408244.2	B/w 15300N and 15200N				Gabbro	Massive medium grained gabbro		
2014-10-12	G1319	643476.2	5408149.4	B/w 15200N and 15100N				Mafic volcanic floats	Cliff edge on lake - boulders of foliated banded mafic volcanic		
2014-10-12	G1320	643492.9	5408149.8	B/w 15200N and 15100N				Mafic volcanic floats	Floats at cliff edge of foliated mica-altered mafic volcanic with sericitic felsic bands		
2014-10-12	G1321	643516.6	5408162	B/w 15200N and 15100N				Gabbro	Mafic black biotite schistous, black amphibole-rich schist with mottled coarse amphiboles in a white, carbonate groundmass; rusty sample; foliated gabbro		E5567985
2014-10-12	G1322	643556.8	5408179.9	B/w 15200N and 15100N		158		Gabbro	Foliated, medium grained black pyroxene-bearing gabbro		

2014-10-12	G1323	643576.5	5408170.9	15100N			83	Gabbro	Foliated mafic schist in gabbro			
2014-10-12	G1324	643585.7	5408169.2	15100N				Sulphide float	Sheared, rusty mafic float with fine grained pyrite veinlets			E5567986
2014-10-12	G1325	643599.2	5408195.8	15100N				Gabbro	Highly foliated, drusy white calcite altered gabbro schist with some rusty spots			
2014-10-12	G1326	643631.9	5408226.5	15100N				Gabbro	Rusty, foliated large up to 0.8cm garnet-rich horizon in probable mafic intrusive - sample; white calcite-altered and contains biotite			E5567987
2014-10-12	G1327	643628	5408219.2	15100N				Gabbro / sulphide	Lots of rusty areas in mafic intrusive schist that is carbonate-altered; sample			
2014-10-12	G1328	643633.9	5408225.9	15100N				Chert / sulphide / mafic volcanic	Rusty, siliceous unit sulphidized sample location; gritty feeling, rusty; in contact with green foliated mafic volcanic			E5567988
2014-10-12	G1329	643836.2	5408328.1	15000N				Ultramafic boulder	Spinifex boulder		300	
2014-10-12	G1330	643856.3	5408321	15000N				Ultramafic	Fine grained tuffaceous, foliated ultramafic volcanic			
2014-10-12	G1331	643867.9	5408336.6	15000N				Ultramafic	Fine massive dark ultramafic			
2014-10-12	G1332	643914.3	5408380.3	15000N				Ultramafic	Fine massive ultramafic unit			
2014-10-12	G1333	643923.5	5408368	15000N				Ultramafic	Tuffaceous, dark massive ultramafic			
2014-10-12	G1334	643925	5408385.1	15000N				Diabase	Fine grained, massive, brown-weathered, rubbly textured unit - ultramafic or diabase			
2014-10-12	G1335	643934.1	5408435.3	15000N	9050E			Diabase	Ridge of ultramafic - fine, massive, brown unit			
2014-10-12	G1336	644002.1	5408517.9	15000N				Gabbro boulder / granite	Very large boulder of coarse gabbro-pyroxenite, dark, nearby granite outcrop			
2014-10-13	G1337	644055.1	5409143.4	15500N				Mafic volcanic boulder	Large boulder of foliated, dark mafic volcanic with light green epidote selvages			

2014-10-13	G1338	644084	5409178	15500N	9725E	135	80	Mafic volcanic	Rockface facing North of ridge exposure of foliated mafic volcanics	
2014-10-13	G1339	644120.2	5409200.6	15500N	9771E			Mafic volcanic	Ridge of dark, foliated thin orange carbonate veined mafic volcanic	
2014-10-13	G1340	644111.5	5409251.5	Baseline	15530N			Ultramafic	Ridge on side of hill of foliated dark mafic-ultramafic unit, fine grained	
2014-10-13	G1341	644114.9	5409254.1	Baseline	15540N	145	86	Ultramafic	Continue ridge along baseline; foliated dark mafic unit with few orange carbonate veinlets	
2014-10-13	G1342	644065.1	5409274.6	15600N	9775E			Ultramafic	Large ridge rockface of dark, massive, fine grained, foliated mafic-ultramafic intrusion; few 1cm felsic feldspar-orange carbonate bands along foliation	
2014-10-13	G1343	644039	5409270.2	15600N	9752E			Ultramafic	Massive, light green, fine grained, bubbly textured ultramafic	
2014-10-13	G1344	644028.9	5409272	15600N	9745E			Mafic volcanic	Another ridge of dark, massive, foliated mafic volcanic	
2014-10-13	G1345	644009.7	5409244.2	15600N	9715E	146		Mafic volcanic	Massive, foliated, dark green mafic volcanic	
2014-10-13	G1346	643977.1	5409129.6	B/w 15600N and 15500N	On drill trail	151		Mafic volcanic	Green, foliated massive mafic volcanic - on drill trail	
2014-10-13	G1347	643938.8	5409011.2	15500N				Gabbro boulders	To east of line - lots of large, dark, foliated mafic intrusive boulders with thin felsic bands along foliation	
2014-10-13	G1348	643948.5	5409013	15500N				Gabbro boulder	Nearby large boulder of dark mafic unit with quartz vein and 2cm wide felsic band with rust on the side, no sulphide	
2014-10-13	G1349	643936.2	5408991.8	15500N			88 S	Gabbro	Outcrop of dark, massive, fine grained mafic-ultramafic intrusion with late irregular thin felsic veining	
2014-10-13	G1350	643903.7	5409000.2	15500N	9475E	141	90	Mafic volcanic	Outcrop of lighter green mafic volcanic with pillow alteration pods and bull quartz veining along foliation, could be foliated elongate, white amygdules	
2014-10-13	G1351	643798.1	5408915.2	15500N	9330E			Gabbro boulder	Large, massive dark mafic boulder - could be intrusion	
2014-10-13	G1352	643757	5408881.5	15500N	9275E	188	85	Diabase	Soft, sheared, rusty altered leucocratic unit - foliated, buff coloured - may be diabase dike; fine grained mafic	301

2014-10-13	G1353	643752	5408891.1	15500N					Diabase dike along strike		
2014-10-13	G1354	643734.6	5408875.2	15500N	167				Foliated, dark, micaceous altered mafic schist; lineation 80 degrees SW		
2014-10-13	G1355	643724.8	5408851.6	15500N	9237E				Dark, massive mafic intrusive ridge with late 5-8cm wide pink feldspar-quartz X-cutting veins		
2014-10-13	G1356	643704.7	5408831.2	15500N					Dark, massive gabbro		
2014-10-13	G1357	643705	5408818.2	15500N					Dark, massive gabbro		
2014-10-13	G1358	643697.3	5408807.8	15500N					Gabbro rockface		
2014-10-13	G1359	643691.5	5408803.7	15500N					Gabbro ridge - dark, massive		
2014-10-13	G1360	643675.3	5408794.8	15500N					Massive gabbro. There's a 10cm wide X-cutting beige felsic dike with quartz		
2014-10-13	G1361	643670.9	5408787	15500N	150	88			Foliated, rusty felsic unit at South contact of massive gabbro - very cherty, siliceous groundmass		
2014-10-13	G1362	643669.7	5408778.8	15500N					Rockledge of massive dark gabbro		
2014-10-13	G1363	643647.1	5408774	15500N					Dark coarse grained gabbro-pyroxenite		
2014-10-13	G1364	643634.9	5408760.7	15500N					Dark coarse grained, mottled gabbro-pyroxenite		
2014-10-13	G1365	643618.3	5408738	15500N					Massive, dark finer grained gabbro ridge		
2014-10-13	G1366	643520.4	5408692.2	15500N	8976E				Massive, dark fine grained gabbro		
2014-10-13	G1367	643519.7	5408688.9	15500N	8974E	126	81		Foliated part of mafic unit; some pink rusty alteration		

2014-10-13	G1368	643511.7	5408652.8	15500N	8950E		89	Gabbro	Large rockface exposure, lots of outcrop of foliated massive gabbro	
2014-10-13	G1369	643519.6	5408658.6	15500N				Gabbro	Continue rockface to North of foliated gabbro ridge	
2014-10-13	G1370	643509.4	5408629	15500N				Gabbro	Continue ridge to South of foliated dark gabbro, few thin quartz veins	
2014-10-13	G1371	643489.8	5408585.1	15500N				Gabbro / quartz	Few 1cm wide red sulphidized quartz veinlets in dark mafic intrusive; to South is carbonate veinlet foliated mafic unit	
2014-10-13	G1372	643424.2	5408561.7	15500N		338	89	Metasediment	Light grey to buff, banded metasediment	
2014-10-13	G1373	643412.7	5408567.6	15500N				Mafic volcanic / metasediment	Mafic schist in contact with metasediment	
2014-10-13	G1374	643415.8	5408591.6	15500N	8832E			Gabbro	Coarse, mottled, dark hornblende gabbro with coarse hornblendes poking out of a veiny, lacy feldspathic groundmass - big ridge	
2014-10-13	G1375	643445.2	5408611.8	15500N	8868E			Gabbro	Large mafic intrusive ridge exposure	
2014-10-13	G1376	643424	5408610.6	15500N	8848E			Gabbro	Dark, massive gabbro	
2014-10-13	G1377	643304.1	5408509.2	15500N				Mafic volcanic	Ridge of massive mafic volcanic with a thin carbonate-quartz band	
2014-10-13	G1378	643245.3	5408428.7	15500N				Gabbro	Coarse grained, mottled, massive gabbro	
2014-10-13	G1379	643229.4	5408418	15500N				Gabbro	Outcropping on shore of lake of massive coarse grained gabbro	
2014-10-13	G1380	643220.6	5408513.1	15600N				Gabbro boulders	Boulders of dark, fine grained gabbro	
2014-10-13	G1381	643271.3	5408562.1	15600N				Gabbro boulders	Continue dark mafic boulders	
2014-10-13	G1382	643410.6	5408683.5	15600N	8885E			Gabbro	Dark, massive gabbro ridge	

2014-10-13	G1383	643425.7	5408693.9	15600N	8910E	152	Gabbro	Fine grained, bubbly, massive mafic intrusive ridge	
2014-10-13	G1384	643508.7	5408778.7	15600N	9026E	105	Mafic volcanic / felsic intrusive	Fine grained, foliated mafic volcanic with fine grained, beige felsic intrusive on South side	
2014-10-13	G1385	643542.2	5408809.7	15600N	9075E		Gabbro	Massive dark, bubbly mafic tuff volcanics	
2014-10-13	G1386	643567.4	5408823.2	15600N	9112E		Gabbro	Massive dark, fine grained gabbro	
2014-10-13	G1387	643586.1	5408847.9	15600N	9127E		Felsic volcanic	Fine grained, cherty, siliceous felsic unit volcanic - small unit	
2014-10-13	G1388	643600.8	5408850.3	15600N	9140E		Gabbro	Dark, knobby, foliated gabbro	
2014-10-13	G1389	643634	5408889.3	15600N	9199E		Gabbro	Foliated, massive dark gabbro	
2014-10-13	G1390	643648.5	5408904	15600N	9210E	80 S	Gabbro	Mafic intrusive	
2014-10-13	G1391	643660.7	5408896.8	15600N		102	Mafic volcanic	Foliated mafic tuff volcanics - lighter green, massive unit	
2014-10-13	G1392	643665.7	5408890.6	15600N			Mafic volcanic	Prolific 20cm wide quartz veining in dark green fine grained mafic unit	
2014-10-13	G1393	643660.7	5408882.5	15600N			Gabbro / quartz	Rockface of foliated, fine grained dark hornblende gabbro with areas of silica-quartz veining in foliation	
2014-10-13	G1394	643666.5	5408874.7	15600N		147	Gabbro	Ridge exposure of dark, foliated gabbro	
2014-10-13	G1395	643677.3	5408932.1	15600N			Gabbro	Massive mafic intrusive	
2014-10-13	G1396	643685.5	5408955.6	15600N	9287E		Diabase	Rusty, lighter brown unit with red sulphide spots and mafic clasts - probably a diabase dike	
2014-10-13	G1397	643687.5	5408967.2	15600N			Mafic volcanic	Siliceous, granitized, foliated mafic unit	

2014-10-15	G1413	643875.1	5409253.2	15700N	9618E				Mafic volcanic boulder	Very large boulder of massive aphanitic mafic volcanic		
2014-10-15	G1414	643837.9	5409190.9	15700N	9560E	140	88		Mafic volcanic	Foliated mafic volcanic boulder with thin felsic bands along foliation		
2014-10-15	G1415	643788.4	5409195.6	15700N	9518E				Mafic volcanic boulder	Large boulder of siliceous, foliated felsic intrusive with small bull quartz veining		
2014-10-15	G1416	643802	5409174.6	15700N	9515E				Felsic intrusive boulder			
2014-10-15	G1417	643767.1	5409152.4	15700N	9475E	142	85		Mafic volcanic / feldspar porphyry / sulphide	Foliated fine grained mafic schist volcanic - foliated biotite/amphibole-feldspar composition; silicified thinly banded more felsic schist on South side with some very fine pyrite blebs - sample; probably an FP shear zone	E5567994	
2014-10-15	G1418	643694.1	5409119.9	15700N	9375-9400E				Mafic volcanic boulder	Large, flat, foliated, angular boulder of mafic volcanic schist with 0.5 to 1cm wide felsic bands along foliation, probably didn't come from too far; biotite schist with mm green cherty bands; off line to west		
2014-10-15	G1419	643681.8	5409089.2	15700N	9370E	142	90		Metasediment	Light grey siliceous banded metasediment		
2014-10-15	G1420	643606.5	5409025.9	15700N	9270E	141	72		Mafic volcanic	Large ridge exposure of foliated, dark, fine grained, massive mafic unit		
2014-10-15	G1421	643592.4	5409006.6	15700N	9240E				Mafic volcanic	Massive dark mafic unit; on side of outcrop, can see felsic thin bands with mica alteration; can see a fold in bands with concave curving to west; inconsistent steep dip angles to west and east	304	
2014-10-15	G1422	643551.4	5408971.2	15700N	9192E				Gabbro	Massive, dark, medium grained mafic intrusive		
2014-10-15	G1423	643535.5	5408984.5	15700N					Mafic volcanic	Massive aphanitic to medium grained mafic volcanic with beige carbonate veining, some rusty spots		
2014-10-15	G1424	643524.5	5408986.2	15700N		134			Mafic volcanic	Large uprooted tree exposure of massive, aphanitic, dark green mafic volcanic, weakly foliated		
2014-10-15	G1425	643499.9	5408994.5	15700N		340	88		Mafic volcanic / sulphide	Rockface of foliated mafic schist with red, rusty thin quartz and feldspar bands along foliation; on border of thin, beige, foliated felsic unit - siliceous within the mafic volcanic; sample A is of sulphide schist with quartz veining; sample B is of cherty 2ft wide, flat, foliated felsic unit	E5567995	
2014-10-15	G1426	643486.2	5408989.8	15700N					Gabbro	Massive, dark, medium grained mafic unit - lots of outcrop in the area		

2014-10-15	G1427	643475.1	5408981.8	15700N				88 N	Gabbro	Large, jutting rockface exposure of foliated, massive mafic intrusive with some felsic veinlets along foliation		
2014-10-15	G1428	643497.6	5408981.9	15700N	354				Mafic volcanic / felsic intrusive / sulphide	Outcrop of foliated, massive mafic unit; 1 metre to east is large orange-rusty foliated felsic intrusive; sample is rusty, sulphidized and banded with mica alteration	305	E5567996
2014-10-15	G1429	643485.7	5408956.5	15700N					Mafic volcanic	Massive mafic volcanic		
2014-10-15	G1430	643412.3	5408907.8	15700N					Mafic volcanic	Fine grained, dark, massive mafic unit		
2014-10-15	G1431	643417.5	5408846.3	15700N	150	9015E		90	Mafic volcanic	Mafic schist volcanic; some orange carbonate weathering on fractures		
2014-10-15	G1432	643404.7	5408843.5	15700N		8997E			Mafic volcanic; quartz vein	Massive, green mafic volcanic; nearby to SW, large bull quartz vein in mafic unit		
2014-10-15	G1433	643356.3	5408794.7	15700N		8925E			Mafic volcanic boulder	Boulders of fine grained, massive mafic unit with some sugary calcite-felsic bands		
2014-10-15	G1434	643339.2	5408786.6	15700N					Gabbro boulder	Another large boulder, local source of massive mafic unit with lots of light green, irregular selvaging - intrusive		
2014-10-15	G1435	643349.2	5408798.6	15700N		8915E			Felsic / sulphide float	Rusty, fine grained siliceous float in crevice of large boulders - sample; prolific quartz veining with some rust spots in exposure next to float		E5567997
2014-10-15	G1436	643259	5408718.2	15700N		8800E			Gabbro	Massive, mottled, coarse grained gabbro		
2014-10-15	G1437	643221.3	5408789.8	15800N	145	8825E			Mafic volcanic	Ridge of massive mafic volcanic		
2014-10-15	G1438	643238.7	5408805	15800N		8856E			Mafic volcanic float	Prolific, thin mm carbonate veinlet-rich mafic schist volcanic float		
2014-10-15	G1439	643395	5408946.2	15800N	120	9062E			Gabbro	Ridge of mafic, dark, massive, fine grained intrusive		
2014-10-15	G1440	643404.4	5408960	15800N		9088E			Gabbro	Massive, fine grained, rubbly mafic intrusive		
2014-10-15	G1441	643410.4	5408960.5	15800N					Gabbro	Foliated, fine grained mafic intrusive		

2014-10-15	G1442	643425.3	5408975.3	15800N	9100E					Dark, massive, medium grained mottled mafic intrusive		
2014-10-15	G1443	643427.4	5408985.3	15800N	9112E					Massive, dark, fine grained gabbro		
2014-10-15	G1444	643466.5	5408985.4	15800N		85	S			Foliated, massive medium grained mafic intrusive		
2014-10-15	G1445	643479.6	5408995.8	15800N		355	82			Foliated, massive mafic volcanic; a felsic muscovite and green banded unit in same location		
2014-10-15	G1446	643479.2	5409007.2	15800N		158				Foliated, massive mafic volcanic flow		
2014-10-15	G1447	643496.8	5409042.8	15800N	9210E	154				White, felsic banded mafic schist zone		
2014-10-15	G1448	643527.1	5409075.3	15800N	9240E	327	87			Outcrop of mafic schist with 0.5cm wide rusty felsic bands. There's a small FP-quartz veining on the South side; boulders of white, foliated felsic volcanic at same location		E5567998
2014-10-15	G1449	643543.1	5409068	15800N						Large ridge of massive, foliated mafic volcanic		
2014-10-15	G1450	643550	5409078.3	15800N		85	N			Foliated, rubbly textured, massive mafic volcanic		
2014-10-15	G1451	643580.2	5409118.3	15800N	9300E	126	89			Foliated feldspar porphyry sulphidized zone - sample - 1 metre wide zone		E5567999
2014-10-15	G1452	643721.9	5409229.4	15800N						Boulder of rusty, massive, blocky mafic unit - dark and rusty with some fine grained pyrite		
2014-10-15	G1453	643727.1	5409204.2	B/w 15800N and 15700N	9492E	150	82			Ridge exposure of siliceous banded metasediment with 7cm wide X-cutting quartz vein		
2014-10-15	G1454	643719.7	5409244.4	15800N	9501E	141				Foliated mafic volcanic		
2014-10-15	G1455	643751.7	5409282.2	15800N	9555E	145				Massive mafic volcanic; strike 145 degrees on few thin felsic veinlets		
2014-10-15	G1456	643766.4	5409285.8	15800N						Large boulder of pitted gabbro breccia with coarse grained feldspar-pyroxene clasts in a finer grained mafic groundmass		

2014-10-15	G1457	643766.9	5409293.5	15800N	9575E				Sulphide float	Sulphide float is sheared mica-garnet with very fine grained sulphide - sample	E5568000
2014-10-15	G1458	643565.3	5409263.9	15900N	9400E	150	86		Feldspar porphyry / sulphide	Outcrop of sheared, sulphidized feldspar porphyry zone - sample	E5568001
2014-10-15	G1459	643503.8	5409185	15900N	9302E				Mafic volcanic	Massive, rubbly textured mafic volcanic	
2014-10-15	G1460	643507.9	5409167.3	15900N					Feldspar porphyry	Feldspar-porphyrific beige coloured felsic dike	
2014-10-15	G1461	643512.4	5409148.6	15900N					Mafic volcanic	Ridge of massive mafic volcanic with irregular thin feldspar veins	
2014-10-15	G1462	643523.4	5409141.1	15900N					Mafic volcanic	Continue ridge of massive, rubbly textured mafic volcanic	
2014-10-15	G1463	643530.5	5409137.4	15900N					Diabase	Massive, fine grained, brown weathered mafic diabase dike	E5566617
2014-10-15	G1464	643520.8	5409134.4	15900N		142	88		Mafic fragmental	Foliated mafic volcanic ridge; there are 1.5cm wide lenses of felsic unit - feldspar porphyry along foliation	
2014-10-15	G1465	643521.2	5409128.1	15900N	9275E		83		Mafic volcanic / sulphide	Foliated felsic banded shear zone with rust	306
2014-10-15	G1466	643461.3	5409139.3	15900N	9245E		135		Gabbro	Massive, coarse grained gabbro; strike 135 degrees on foliated gabbro to South	
2014-10-15	G1467	643452.9	5409133.3	15900N	9225E				Mafic volcanic	Massive, fine grained mafic unit	
2014-10-15	G1468	643445.6	5409115.5	15900N	9208E				Mafic volcanic	Massive, fine grained dark mafic unit - volcanic	
2014-10-16	G1469	642914.4	5405128.4	Gossan area		145			Mafic volcanic / felsic dikes	Medium grained, massive mafic volcanic with X-cutting, late 10-20cm beige medium grained felsic intrusive dikes; foliation is not straight but curvy at strike 145 degrees; contains rotated clasts of mica-altered banded volcanic within it	307, 308
2014-10-16	G1470	642911	5405121.2	Gossan area					Mafic volcanic	Continue ridge; looks like rubbly tuffaceous mafic volcanic	
2014-10-16	G1471	642903.8	5405190.3	Gossan area		122			Mafic volcanic	Mafic volcanic with thin felsic fractures	

2014-10-16	G1472	642885.2	5405226.3	Gossan area						Felsic volcanic boulder	Boulder of sheared felsic unit; biotite schist; also boulder of banded schist mafic volcanic with very thin mm bands	309	E5566619
2014-10-16	G1473	642891.9	5405250.7	Gossan area						Sulphide float	Foliated, very rusty float; rusty schist on side of small beige, crystalline felsic intrusive; nearby pile of rounded floats of granite and orange, rusty, gritty metasediment		
2014-10-16	G1474	642902.4	5405284.1	Gossan area	335	45				Felsic volcanic	Outcrop, previous sample 659301; foliated, siliceous, leucocratic unit is cherty, sulphidized and contains quartz veins; sample; siliceous and rich with biotite	310, 311, 312	
2014-10-16	G1475	642914.1	5405284.9	Gossan area						Felsic volcanic / sulphide boulder	Very large tilted boulder of cream white ash tuff felsic volcanic; sample; quartz with blebs of molybdenite; very biotite-rich schist	313	E5568002
2014-10-16	G1476	642936.4	5405281.8	Gossan area		310				Felsic volcanic / sulphide	Gossan Occurrence - previous sample 875469-875470, 1510040; light green, sericitized with 2cm wide quartz veins, lots of pyrite sulphide; boulder is oriented 310 degrees; looks like sheared, sulphidized felsic volcanic	314, 315, 316	E5568003
2014-10-16	G1477	642942.3	5405268.5	Gossan area						Sulphide	Sample of sulphidized, muscovite-rich orange-yellow schist that is foliated and quartz-rich		
2014-10-16	G1478	642939	5405269.4	Gossan area						Quartz vein / sulphide	Quartz vein with flaky muscovite and pyrite sulphides - sample		E5568004
2014-10-16	G1479	642940.2	5405270.3	Gossan area						Sulphide	Sample of orange, siliceous and biotite-altered felsic sulphide schist		E5568005
2014-10-16	G1480	642939	5405271	Gossan area	317	40				Felsic volcanic / quartz vein	Outcrop of sheared felsic volcanic; photo of folded quartz vein; very siliceous unit with quartz veins	317	
2014-10-16	G1481	642939.1	5405304.1	Gossan area		312				Felsic volcanic	White, ashy inch-banded felsic volcanic with biotite in between cleavage bands	318	
2014-10-16	G1482	642957.6	5405317.4	Gossan area						Sulphide	Another Gossan mineralization - very siliceous and muscovite-rich - sample	319	E5568006
2014-10-16	G1483	642906.8	5405308.3	Gossan area						Felsic volcanic / sulphide	Sheared sulphide zone in felsic volcanic; sample; lots of muscovite, few pyrite finer grained sulphides	320	E5568007
2014-10-16	G1484	642905.8	5405311.6	Gossan area						Felsic volcanic	White ash tuff felsic volcanic		
2014-10-16	G1485	642891.9	5405308.2	Gossan area		328				Felsic volcanic	Highly foliated felsic volcanic		
2014-10-16	G1486	642880.4	5405338.2	Gossan area						Felsic volcanic	Felsic volcanic ridge - continue exposure		

2014-10-16	G1487	642868.2	5405338.9	Gossan area		330	Metasediment	Sheared unit; rusty on surface; rusty, gritty, biotite-rich metasediment		
2014-10-16	G1488	642866.4	5405367.4	Gossan area		322	Felsic volcanic / sulphide	Red-orange, rusty foliated unit; sample of foliated, siliceous, white felsic with muscovite and fine pyrite	321, 322	E5568008
2014-10-16	G1489	642841.8	5405358	Gossan area		318	Mafic volcanic	Foliated mafic volcanic; there is some coarse, white calcite-tourmaline veining; sample of mafic volcanic for whole rock		
2014-10-16	G1490	642835.6	5405338.8	Gossan area		313	Mafic volcanic	Mafic schist, gritty, biotite-rich with rust		
2014-10-16	G1491	642822.1	5405345.2	Gossan area			Mafic volcanic / sulphide	Mafic fine grained orange-black biotite-rich schist with sulphide - sample		E5568009
2014-10-16	G1492	642815.8	5405348.5	Gossan area		332	Mafic volcanic / sulphide	Mafic biotite schist with few fine pyrite blebs		E5566618
2014-10-16	G1493	642803.6	5405364.2	Gossan area			Mafic volcanic / felsic volcanic / sulphide	Sulphidized mafic volcanic schist; fine pyrite; contact with felsic volcanic unit; mafic volcanic is NE of contact		E5566610
2014-10-16	G1494	642801.1	5405371.7	Gossan area			Felsic volcanic / mafic volcanic / sulphide	Felsic volcanic outcrop in contact with mafic volcanic to NE - sulphidized with fine pyrite		E5566611
2014-10-16	G1495	642795.5	5405364.5	Gossan area			Felsic volcanic	Felsic volcanic, siliceous		
2014-10-16	G1496	642787.7	5405357.3	Gossan area			Felsic volcanic / mafic volcanic / sulphide	Siliceous, green and grey banded felsic unit with fine pyrite in contact with mafic volcanic to the west		
2014-10-16	G1497	642789.4	5405351.3	Gossan area			Mafic volcanic	Mafic volcanic schist with some floats of more siliceous foliated schist to the North		
2014-10-16	G1498	642778.9	5405341.8	Gossan area		320	Mafic volcanic	Mafic volcanic, massive unit		
2014-10-16	G1499	642836.7	5405405.3	Gossan area		323	Felsic volcanic / sulphide	Muscovite-altered, siliceous sulphide zone in felsic volcanic - sample; some fine grained pyrite		E5566612
2014-10-16	G1500	642830.3	5405432	Gossan area			Felsic volcanic / sulphide	Foliated, siliceous felsic volcanic - bit of rust on surface; fine pyrite bleb		
2014-10-16	G1501	642837.2	5405432.2	Gossan area			Felsic volcanic / felsic dike	Massive felsic volcanic with an X-cutting granite vein		

2014-10-16	G1502	642806.9	5405440.6	Gossan area					Foliated, white felsic volcanic unit				
2014-10-16	G1503	642807.2	5405451.5	Gossan area	334				Felsic volcanic, massive unit				
2014-10-18	G1504	643560.7	5409377.5	16000N	157				Mafic-felsic banded schist; small 10cm wide X-cutting felsic dikes; nearby rusty schist float				
2014-10-18	G1505	643525.2	5409353.6	16000N	164	9430E			Mafic volcanic is dark, medium grained massive unit				
2014-10-18	G1506	643509.1	5409373.3	16000N	150		77		Foliated mafic volcanic in contact with foliated, beige felsic unit to South; a 1.5ft wide felsic shear; purple mica alteration - sample			E5566620	
2014-10-18	G1507	643501.4	5409369.3	16000N					Massive, dark, pitted mafic unit - gabbro		323		
2014-10-18	G1508	643487.7	5409374.6	16000N					Medium grained, rough textured felsic unit in contact with mafic gabbro; felsic unit is biotite-rich with patches of coarse silica and contains blebs of fine grained pyrite - sample; gabbro is micaceous with some rust at contact; felsic unit contains up to 3mm tabular, white porphyritic feldspars in a finer groundmass			E5566621	
2014-10-18	G1509	643481	5409380.6	16000N	135				Large, massive, cream white felsic volcanic				E5566622
2014-10-18	G1510	643477.3	5409368.9	16000N					Foliated, siliceous, biotite altered felsic volcanic; sample - contains very fine pyrite blebs along foliation and in siliceous groundmass				E5566623
2014-10-18	G1511	643477.6	5409381.7	16000N					Sample of sheared, felsic banded schist with purple mica alteration, cream pink-white felsic veinleting along foliation; very fine sulphides - pyrite, chalcopyrite blebs				E5566624
2014-10-18	G1512	643473.2	5409390.5	16000N	148				Felsic volcanic massive unit				
2014-10-18	G1513	643467.5	5409404.9	16000N	145		75		Foliated, siliceous, rusty weathered, sericitized felsic volcanic - sample				E5566625
2014-10-18	G1514	643480.9	5409398.8	16000N					Foliated mafic volcanic with acicular amphibole along foliation				
2014-10-18	G1515	643521.4	5409350.2	16000N	94	18E			Float of foliated mafic-felsic banded schist with garnet and biotite alteration; on rock ledge, there is a foliated felsic volcanic unit with siliceous groundmass				E5566626

2014-10-18	G1516	643516.6	5409339.8	16000N					Felsic volcanic / sulphide	Sample of purple mica-rich alternating with green sericite - looks like very fine arsenopyrite, but could be muscovite; rusty on weathered surface	324	E5566627
2014-10-18	G1517	643501.8	5409357.8	16000N					Sulphide float / gabbro	Rusty sulphide float - sample; large rockledge of foliated mafic intrusion with thin, rusty felsic bands		E5566628
2014-10-18	G1518	643501.3	5409362.2	16000N					Gabbro / felsic volcanic	Contact of gabbro with felsic volcanic to North - gabbro contains felsic bands near contact		
2014-10-18	G1519	643501.9	5409359	16000N			85 S		Sulphide	Mafic schist with 5% pyrrhotite, 1% cubic pyrite - sample; lots of acicular amphibole		E5566629
2014-10-18	G1520	643494.9	5409369.3	16000N					Gabbro	Gabbro ridge - massive unit		
2014-10-18	G1521	643504.6	5409333.1	16000N	9400E	142			Mafic volcanic / felsic intrusion	Mafic volcanic, foliated unit contains large X-cutting crystalline felsic intrusive to North		
2014-10-18	G1522	643512	5409317	16000N					Felsic volcanic / gabbro	Felsic volcanic intercalated with mafic intrusive		
2014-10-18	G1523	643507.5	5409314.9	16000N					Felsic volcanic / sulphide	Rusty, cherty, siliceous, biotite-altered, foliated felsic volcanic - sample		E5566630
2014-10-18	G1524	643508.1	5409299.4	16000N			73 N		Felsic volcanic	Foliated felsic volcanic with 2 to 7cm wide selvages of mafic volcanic intercalated within		
2014-10-18	G1525	643450.5	5409325.1	16000N					Mafic volcanic	2 to 3cm wide felsic banded, foliated mafic schist		
2014-10-18	G1526	643440.4	5409333.2	16000N			154		Mafic schist	Felsic-mafic banded schist zone		
2014-10-18	G1527	643426.2	5409332.4	16000N			143		Feldspar porphyry / sulphide	Small, rusty felsic shear zone in mafic volcanic - some magnetism	325	
2014-10-18	G1528	643427.3	5409334.4	16000N			148		Feldspar porphyry / sulphide	Red, rusty, sheared feldspar porphyry zone - sample		E5566631
2014-10-18	G1529	643414.9	5409330.7	16000N			90		Gabbro	Foliated, dark mafic intrusive		
2014-10-18	G1530	643429.5	5409307.3	16000N			150		Gabbro	Foliated mafic unit with felsic thin bands and garnets		

2014-10-18	G1531	643426.5	5409299.3	16000N					Gabbro	Foliated mafic intrusion with few thin felsic bands		
2014-10-18	G1532	643415	5409292.7	16000N	132				Gabbro	Foliated, fine grained, plagioclase-pyroxene gabbro		
2014-10-18	G1533	643407.6	5409285.9	16000N		84 N			Gabbro	Massive, mm-thin carbonate veinlet-rich, dark green mafic intrusion		
2014-10-18	G1534	643407.6	5409272	16000N	9280E	340			Gabbro	Massive, dark, mafic intrusion		
2014-10-18	G1535	643404.4	5409245.4	16000N	9260E	316			Gabbro	West extent of ridge of gabbro		
2014-10-18	G1536	643401	5409236.4	16000N					Gabbro	Massive dark green, coarse grained gabbro - mottled texture		
2014-10-18	G1537	643395.2	5409229.7	16000N					Gabbro / felsic dike	Foliated, finer grained gabbro with late crystalline, beige feldspar-quartz X-cutting felsic dikes		
2014-10-18	G1538	643365.3	5409210.1	16000N	9210E				Mafic volcanic	Fine grained massive mafic unit		
2014-10-18	G1539	643333.5	5409181.9	16000N	9165E				Mafic volcanic	Massive fine grained dark green mafic volcanic		
2014-10-18	G1540	643316.3	5409160.8	16000N					Mafic volcanic	Massive mafic tuff volcanic with lots of mm-thin, criss-crossing felsic fractures		
2014-10-18	G1541	643295.2	5409153.5	16000N	9120E				Mafic volcanic	Massive mafic tuff volcanic		
2014-10-18	G1542	643286.5	5409152.1	16000N	9115E				Felsic intrusion	Large, few metre-wide white to beige, medium grained felsic intrusion		
2014-10-18	G1543	643278.8	5409130.5	16000N					Mafic volcanic	Massive, fine grained, dark green mafic volcanic with irregular thin felsic veining		
2014-10-18	G1544	643264.7	5409115.5	16000N					Mafic volcanic	Massive, fine grained mafic tuff volcanic		
2014-10-18	G1545	643247	5409111.9	16000N	9053E				Mafic volcanic	Thin, felsic banded, foliated mafic volcanic		

2014-10-18	G1546	643232.2	5409096.9	16000N						Felsic dike / mafic volcanic	Small, beige felsic dike X-cuts mafic volcanic		
2014-10-18	G1547	643222.5	5409078.8	16000N	333	78				Mafic volcanic	Foliated mafic schist volcanic; there's an inch wide rusty zone with biotite alteration		
2014-10-18	G1548	643213	5409061.3	16000N						Felsic intrusion / mafic fragmental	Cream coloured, medium grained felsic intrusion - few metres wide; mafic fragmental to west with lensoidal, light green pillow interiors along foliation		
2014-10-18	G1549	643207.1	5409052.1	16000N	155	84				Mafic volcanic	Foliated, dark green mafic volcanic		
2014-10-18	G1550	643201.5	5409039.1	16000N						Felsic intrusion	Large, coarse quartz vein-rich cream white felsic intrusion		
2014-10-18	G1551	643201	5409015.5	16000N						Mafic volcanic	Massive mafic volcanic - going along ridge exposure		
2014-10-18	G1552	643203.6	5408998.1	16000N						Gabbro	Massive, dark, fine grained mafic intrusion		
2014-10-18	G1553	643193.8	5408994.9	16000N						Felsic intrusion	Large cream white feldspathic with few quartz veinlets, felsic intrusion		
2014-10-18	G1554	643223.2	5408965.4	B/w 16000N and 15900N	310	85				Mafic volcanic	Foliated mafic schist volcanic on edge of pond with mica alteration		
2014-10-18	G1555	643237.6	5408990.1	B/w 16000N and 15900N						Mafic schist	Prolific very thin silica banded, highly foliated mafic schist		
2014-10-18	G1556	643259	5408995.7	B/w 16000N and 15900N						Mafic volcanic	Massive, rubbly textured fine grained mafic tuff volcanic		
2014-10-18	G1557	643325.8	5409032.2	15900N			9074E			Mafic volcanic	Foliated, dark mafic volcanic		
2014-10-18	G1558	643359.9	5409068.5	15900N			9120E			Mafic volcanic	Massive mafic tuff volcanic in upland area		
2014-10-18	G1559	643400.9	5409075.9	15900N			9155E			Mafic volcanic	Massive mafic tuff volcanic		
2014-10-18	G1560	643442.8	5409114.4	15900N			9205E			Mafic volcanic	Massive mafic tuff volcanic		

2014-10-18	G1561	643448.2	5409131.2	15900N	9225E				Mafic volcanic			
2014-10-19	G1562	642742.8	5405533.4	Gossan area					Dark green mafic tuff volcanic - sample for whole rock			E5566632
2014-10-19	G1563	642707.5	5405537.6	Gossan area					Beige massive ash tuff volcanic			
2014-10-19	G1564	642713.9	5405564.4	Gossan area		310	46		Felsic volcanic - a bit red, rusty spotted on surface; few very fine pyrite blebs - sample; siliceous fine quartz with feldspar and biotite; looks like crystal tuff on nearby exposure; few rusty, thin quartz veins with coarse biotite in nearby float			E5566633
2014-10-19	G1565	642698	5405560.5	Gossan area					Massive mafic volcanic			
2014-10-19	G1566	642700.5	5405587.2	Gossan area		340			Ridge of massive felsic volcanic - ash and crystal tuff with few quartz knots; 1.5cm wide quartz veins run along foliation; few very fine pyrite blebs - same as G1564		326	E5566634
2014-10-19	G1567	642693.3	5405600.7	Gossan area			47		Foliated felsic volcanic that is rusty on weathered surface - sample; rusty, cherty unit with very fine to medium grained pyrite blebs; there's a 1.5cm wide quartz vein along foliation			E5566635
2014-10-19	G1568	642694.1	5405608.7	Gossan area					Felsic unit - coarse grained crystalline feldspar, quartz and biotite with few very fine pyrite blebs			
2014-10-19	G1569	642636.7	5405952.4	Gossan area					Outcrop of beige, massive felsic volcanic - fine grained unit; contains thin quartz veins within			
2014-10-19	G1570	642604.1	5405982.5	Gossan area					Massive mafic volcanic contains a 3cm wide band of felsic within it			
2014-10-19	G1571	642617	5405987.7	Gossan area					Large exposure on edge of pond of white, massive felsic volcanic			
2014-10-19	G1572	642616.9	5405994.6	Gossan area		1			Large outcrop on lake shore of white, massive felsic volcanic - sample for WR			E5566636
2014-10-19	G1573	642578.4	5405983.9	Gossan area					Outcrop of massive white felsic volcanic; nearby fine grained gabbroic floats			
2014-10-19	G1574	642561.9	5405997	Gossan area					Rusty, sulphidized fine grained felsic volcanic with very fine pyrite disseminated throughout at 3-5%		327, 328	E5566637
2014-10-19	G1575	642543	5405989	Gossan area					Outcrop of rusty sulphidized felsic volcanic - sample is fine grained siliceous with very fine disseminated pyrite			E5566639

2014-10-21	G1603	643504.1	5409580.2	16200N	9568E	83 S	Ultramafic	Large rockface of massive, dark, mafic-ultramafic intrusion		
2014-10-21	G1604	643521.2	5409622.8	16200N		140	Mafic volcanic	Foliated mafic volcanic ridge, very fine grained		
2014-10-21	G1605	643537.2	5409405.9	B/w 16100N and 16000N		160	Mafic volcanic	On trail - foliated mafic schist volcanic with thin felsic bands and garnets		
2014-10-21	G1606	643617.8	5409420.2	16000N	9550E		Ultramafic	Dark, very fine grained massive mafic intrusive		
2014-10-21	G1607	643620.7	5409424.7	16000N		150	Ultramafic	Dark green, massive mafic intrusion		
2014-10-21	G1608	643789.7	5409563.3	16000N			Ultramafic	Fine grained, massive, tuffaceous mafic-ultramafic intrusion		
2014-10-21	G1609	643782.5	5409592.3	16000N			Ultramafic	Large rockface of massive, green, amphibole and feldspar-rich mafic-ultramafic intrusion; some minor pink-white feldspar veining; some fine cubic pyrite in small felsic veinlets		
2014-10-21	G1610	643805.7	5409608.1	16000N	000E		Ultramafic	Massive mafic-ultramafic intrusion ridge exposure; there's a 10cm wide chert-banded layer within the mafic unit - photo; sample of foliated mic-altered unit on North side with pyrite disseminated throughout a cherty groundmass	340	E5548165
2014-10-21	G1611	643875	5409514.4	15900N			Ultramafic float	Boulders of ultramafic with flaky serpentine-biotite or phlogopite alteration and some light orange carbonate		
2014-10-21	G1612	643795.5	5409444	15900N	9690E		Ultramafic	Massive, buff coloured, talc-altered ultramafic intrusion		
2014-07-07	D001	645999.6	5407170			133	55 Mafic volcanic	2x2m outcrop. Well foliated. 2" aplite dike.		
2014-07-07	D002	646082.8	5407228.3					Granite boulders all along line up to 2m. Some gneissic textures. Biotite rich.		
2014-07-07	D003	646143.6	5407281.3			135	Mafic volcanic	1x1m. greenish epidote alt		
2014-07-07	D004	646621.6	5407659.1					Granite boulders		
2014-07-07	D005	646155.5	5407292.5				Mafic volcanic	1x1m OC. 1-2 inch bands of silicification?	D005	
2014-07-07	D006	646201.9	5407313.9			143	Mafic volcanic	Trench. 10x10m. No obvious past sampling. Basalt. Visible pillow selvages in places with mg garnet. 70cm wide aplite dike parallel to foliation. another smaller aplite dike 10-50cm, truncated. 10cm boudinaged QV parallel to foliation. <1cm Qtz/cal veinlets crosscutting. No obvious alteration. Minor deformation at 270 degrees.	D006	

2014-07-07	D007	646289.2	5407381.4							Mafic volcanic	1x1m OC.		
2014-07-07	D008	646318	5407424.5		144					Mafic volcanic	2x2m outcrop, moss peeled back. 1" rusty QV, boudinaged, parallel to foliation		
2014-07-07	D009	646409.4	5407500.6							Granite subcrop	looks like outcrop. 6m long ledge. Possibly huge boulder. Potassic altered.	D009	
2014-07-07	D010	646472.8	5407531.1		160?					Mafic volcanic	2x2m OC, but part of larger hill covered in moss. Minor carb altered basalt. 10cm boudinaged QV. Sample taken of basalt (95%) with chips of rusty QV. Basalt has trace py, possibly primary.	D010	E5387368
2014-07-08	D011	645995.4	5407286.2							Mafic volcanic	1x1m basalt OC		
2014-07-08	D012	646022.3	5407316.2		138	55				Mafic volcanic	3x3m moss covered OC. 1" qtz nodules.		
2014-07-08	D013	646074.9	5407346.1		148					Mafic volcanic	15x15m area drill pad. Basalt with 1" felsite dikes. Large diabase dike between 5-8m wide	D013	
2014-07-08	D014	646212.5	5407472.7							Mafic volcanic w dia	1x1m uncovered OC. Plain foliated basalt.		
2014-07-08	D015	646245.4	5407488.7		125					Mafic volcanic	2x2m OC. 1" boudinaged qtz veining, rusty brown. Sample is 75% wallrock, 25% QV.	D015	E5387369
2014-07-08	D016	646307	5407536.8							Mafic volcanic	1x1 OC. Micaceous basalt.		
2014-07-08	D017	646322.3	5407557.1							Mafic volcanic	3x0.5m ridge OC. Micaceous basalt. Bottom of small hill/edge of potential recessive zone. Thin qtz-veinlets crosscutting foliation.	D017	E5387370
2014-07-08	D018	646390.7	5407611							Mafic volcanic	Small ledge OC. Micaceous basalt.		
2014-07-08	D019	646411.5	5407627.9		146	60				Mafic volcanic	Small ledge outcrop extending north (see DF024). Micaceous basalt crosscut by 8cm apilite/felsite dike @ 215 degrees. Minor carb alt in basalt. Set of rusty 5cm boudinaged qtz veins parallel to foliation. Sample is 75% QV material, 25% wallrock.	D019a, D019b	E5387371
2014-07-08	D020	646496.9	5407687.1							Mafic volcanic	Large 10x6m, moss covered outcrop of diabase. Buff-tan weathering. Fg black equigranular with <1% fg dissemin py. Unit at least 6m thick.		
2014-07-08	D021	646583.8	5407770.8							Diabase	2m granite boulders everywhere		
2014-07-08	D022	646771.5	5407946.9							Granite	5x5m OC.		
2014-07-08	D023	646893.6	5408079.1							Granite	2x2m granite subcrop.		
2014-07-08	D024	646373.1	5407655.9		140					Granite	Followed D019 north. Created 10mx2m long trench across strike. Outcrop shows similarities to trench at L12700N 200E. 60cm wide felsite dike parallel to strike. Multiple 3" boudinaged rusty qtz veins parallel to strike (sample E5387372). Set of 1" deformed qtz vein crosscutting foliation with general 250 degree orientation. Potential faulting at 30 degrees, dextrally offsetting veins.	DF024 trench	E5387372
2014-07-09	D025	645816.7	5407457							Mafic volcanic	3x3m OC. Basalt w 1" felsite dike		
2014-07-09	D026	645843.1	5407479.3							Mafic volcanic	1x1m OC. Basalt		

2014-07-09	D027	645870.7	5407501			142	Mafic volcanic	Large 25x5m OC. Basalt w <1" qtz veining contacting diabase dike (at least 8m thick). Dike appears to be contacting at angle of foliation. 5x2m OC. Basalt, unaltered.	D027	
2014-07-09	D028	645940.9	5407549.9			145	Mafic volcanic, diat			
2014-07-09	D029	645973.3	5407549.7			138	Mafic volcanic	Large 30m trenched area. 2.5m gossan zone with channel cuts. Basalt is micaceous, schistose	D029	
2014-07-09	D030	645979.2	5407574.1				Mafic volcanic	Same trench as D029. Second gossan zone, about 3-5m wide. Multiple channel cuts.		
2014-07-09	D031	646041.3	5407659.4			55	Mafic volcanic	Long 20m ridge OC. Basalt. Unaltered.		
2014-07-09	D032	646050.1	5407677				Mafic volcanic	Small OC. Basalt w 25-30cm bull white qtz vein. Sample is 85% QV, 15% wallrock	D032	E5387373
2014-07-09	D033	646138.9	5407775.8			140	Mafic volcanic	Moss covered OC. Unaltered basalt. Greenish alteration (chlorite, diopside?)		
2014-07-09	D034	646175.7	5407773.5				Mafic volcanic	large moss covered OC. 30cm felsite dike crosscutting basalt foliation	D034	
2014-07-09	D035	646171.9	5407804.6			152	Mafic volcanic	5m ridge OC. 2" boudinaged qtz-felsite. Felsite replacing pillow salveges?	D035	
2014-07-09	D036	646204	5407825.9			160	Mafic volcanic	Moss covered OC. Basalt, fairly unaltered, some mica. 20cm felsite dike. Greenish alteration in pillow structures (chlorite, diopside?)	D036	
2014-07-09	D037	646272.5	5407909			165	Mafic volcanic, diat	Flat 3x3m OC. 3m diabase dike at roughly 165 degrees. Potential glacial scouring at 34 degrees		
2014-07-09	D038	646529.2	5408163.5				Granite	Granite subcrop. Granite boulders everywhere.		
2014-07-09	D039	646354.4	5408021					30m wide hump in middle of flat ground on either side where IP anomaly is. All granite boulders, cannot locate outcrop. Swamp to the east.		
2014-07-09	D040	646249.4	5407975			45	Mafic volcanic	Cliff face basalts. Unaltered.		
2014-07-09	D041	646195	5407930.4			45	Mafic volcanic	Cliff face basalts		
2014-07-09	D042	646160.2	5407903.1				Mafic volcanic	Cliff face basalt. Micaceous. Thin felsite veinlets <1"		
2014-07-09	D043	646118.2	5407864.1				Mafic volcanic	Cliff face basalt. Micaceous.		
2014-07-09	D044	646084.6	5407834.6			160	Mafic volcanic	4x4m OC. Basalt with lighter green alteration (diopside?). 2cm boudinaged qtz veining. Less mica than outcrops to the east.		
2014-07-09	D045	646050.5	5407828.3				Mafic volcanic	2x2 OC. Basalt.		
2014-07-09	D046	646029.9	5407804.5			150	Mafic volcanic	10m OC on slope. Micaceous. Greenish alteration (diopside?)		
2014-07-09	D047	645969.2	5407778.2			158	Mafic volcanic	Large OC following ridge. Basalt. 50cm QV pinched off. Could not trace further. Fine sulfides on margin. Basalts fairly unaltered. Possible minor carb alteration. Sample of qtz vein (60%) with 20% wallrock.	D047	E5387374

2014-07-09	D048	645978.1	5407800.7						Mafic volcanic	Same outcrop as D047. Large foliated felsite dike 2m wide. Buff weathered surface. Fresh surface light grey, silicious with stretched biotite.	D048	E5387375
2014-07-09	D049	645947	5407756.5	152					Mafic volcanic	Large outcrop on slope. Sheared appearance. Very hard, somewhat oxidized.	D049	
2014-07-09	D050	645917.5	5407711.2						Mafic volcanic	OC along cliff edge. Basalt.		
2014-07-09	D051	645909.5	5407708.7						Mafic volcanic	FLOAT. GOSSAN. Appearance similar to sugar zone. Rusty, sulfurous, very fine py possible aspy.		E5387476
2014-07-09	D052	645833.3	5407664.5	150					Mafic volcanic	Basalt outcrop. Minor carb alteration.		
2014/07/19 13:38	NF008	645381.6	5407985.4		13800				Mafic volcanic	Massive mafic volcanic rock, medium grained, 5% biotite, 10% amphibole. Weak foliation defined by alignment of amphiboles. No visible sulphides.		
2014/07/19 13:46	NF009	645453.6	5408020		13800				Mafic volcanic	Massive mafic volcanic rock, medium grained, 5% biotite, 10% amphibole. Weak foliation defined by alignment of amphiboles. Foliation at 294/80. No visible sulphides.		
2014/07/19 14:07	NF010	645555	5408153.8		13800				Mafic volcanic	Massive medium grained mafic volcanic rock. 5% biotite, 10% amphibole. No visible sulphides.		
2014/07/19 14:19	NF012	645566	5408202.7		13800				Mafic intrusive	Coarse grained, mafic intrusive rock. Coarse grained amphiboles in a feldspar groundmass. Might be gabbro with pyroxenes gone to amphiboles.		E5553660
2014/07/19 14:33	NF013	645586.8	5408221.4		13800				Mafic volcanic	Weakly foliated mafic volcanic rock, slightly rusty on weathered surface. 5% biotite, 10% amphibole. No visible sulphides.		E5553661
2014/07/19 15:22	NF016	645639	5408254.4		13800				Mafic volcanic	Fine grained mafic volcanic rock, 5% biotite, 10% amphibole. Massive. Outcrop with shallow overburden, scraped moss to get to rock. No visible sulphides.		
2014/07/19 15:26	NF017	645651.3	5408263.7		13800				Mafic volcanic	Fine grained mafic volcanic rock, 5% biotite, 10% amphibole. Massive. Outcrop with shallow overburden, scraped moss to get to rock. No visible sulphides.		
2014/07/19 15:34	NF018	645641.3	5408273.5		13800				Mafic volcanic	Fine grained mafic volcanic rock, 5% biotite, 10% amphibole. Massive. Outcrop with shallow overburden, scraped moss to get to rock. No visible sulphides.		
2014/07/19 16:09	NF023	645773	5408401.9		13800				Mafic volcanic	Fine grained mafic volcanic rock, weakly foliated. Outcrop shows lens-like pods of sericite rich material, otherwise, 5% biotite, 10% amphibole, trace sulphides. Couldn't sample, outcrop too smooth.		
2014/07/19 16:56	NF031	645899.7	5408526.9		13800				Mafic volcanic	Fine grained mafic volcanic rock, 5% biotite, 10% amphibole. Massive. Outcrop with shallow overburden, scraped moss to get to rock. No visible sulphides.		
2014/07/19 17:03	NF033	645925.9	5408537.4		13800				Mafic volcanic	Fine grained mafic volcanic rock, 5% biotite, 10% amphibole. Massive. Outcrop with shallow overburden, scraped moss to get to rock. No visible sulphides.		
2014/07/19 17:07	NF034	645931.3	5408547		13800				Mafic volcanic	Fine grained moderately foliated mafic volcanics. Trace-1% pyrite, 5% biotite, 10% amphibole. Foliation at 156/85		E5553662
2014/07/19 18:19	NF041	645442.1	5408071.6		13800				Mafic volcanic	Mafic volcanic rock, fine grained, 5%biotite 10% amphibole. No foliation, no visible sulphides.		
2014/07/24 14:03	NF045	645641.4	5408324.8						Mafic volcanic	100m west of 13800 @ 500E picket, fine grained metamorphosed basalt. Weak to moderate foliation at 064/60. No visible sulphides. Quartz vein follows foliation. 5% amphibole.		E5553666
2014/07/24 14:36	NF046	645555.3	5408277.2						Mafic volcanic	Rusty float near stripping at 13800, 450E. Mafic volcanics, strong foliation, 2% pyrite with sugary quartz and biotite.		E5553667
2014/07/24 15:56	NF048	645965.3	5408061.6						Mafic volcanic	Taken from long ridge near line 13400 station 525E. Ridge trends ENE. Siliceous mafic volcanics, sample take adjacent to qtz filled fracture trending 150/55.		E5553668
2014/07/24 16:19	NF049	645934.8	5408042.7	142	68				Felsic Porphyry	Taken from long ridge near line 13400 station 450E, fine grained felsic dyke with a siliceous groundmass, 60% qtz with 3-5% mafics. Trace pyrite in quartz. Strikes 142/68		E5553669

2014-07-07	MH24	646059.9	5407212.1	12700	50 m (25mS E off				Felsic Porphyry	qtz feldspar porphyry boulder. Walking east from line 9800 has an abundance of porphyry boulders.		
2014-07-07	MH25	646150.3	5407252.2	12700					Felsic Porphyry	qtz feldspar porphyry boulders along line, DDH SZ-13-63 to SE Az 050, DDH SZ-13-64 to NW		
2014-07-07	MH26	646194.3	5407318.2	12700	211	120	60		Mafic Volcanic	Trench, 25m long NW-SE by 18m wide SW-NE. Aplite dyke cuts sharply along foliation. Garnets disseminated. Two series of qtz veining, a later qtz+carb soft later cuts everything perpendicular to foliation. Sample of qtz boudin	MH-26 (1-12)	E5388510
2014-07-07	MH27	646313	5407359.8	12700	377				Mafic Volcanic	5m high ridge running along cut line 12650. Hornblend schist mafic volcanic, contains abundance of biotite.		E5388511
2014-07-07	MH28	646312.3	5407452.3	12700	565				Mafic Volcanic	Hornblend schist mafic volcanic, contains abundance of biotite.		E5388512
2014-07-07	MH29	646465.8	5407545.8	12700	575	130	60		Mafic Volcanic	Mafic Volcanic taken from region of IP chargeability.		E5388513
2014-07-07	MH30	646407.4	5407637.1	12800	565				Mafic Volcanic	Mafic volcanic chlorite rich		E5388514
2014-07-08	MH31	646033.8	5407440.4	12900	185	160	60		Mafic Volcanic	Rusty weakly siliceous mafic volcanic/massive flow. Fine pyrite along foliation		E5388515
2014-07-08	MH32	645968.5	5407385.5	12900	85				Mafic Volcanic	Rusty mafic volcanic strongly foliated with qtz forming along foliation planes. Cross cutting qtz obliquely to fol.		E5388516
2014-07-08	MH33	645932.2	5407360.7	12900	45	134			Mafic Volcanic	Rusty pillowed mafic volcanic		
2014-07-08	MH34	646045.1	5407450.7	12900	185	136	55		Mafic Volcanic	Sugar zone mafic volcanic. Siliceous and chloritic with disseminated fine grained cubic pyrite.	MH-34-1	E5388517
2014-07-08	MH35	646074.6	5407472.1	12900	240	132	65		Mafic Volcanic	Sugar zone mafic volcanic. Three samples- one of qtz vein, another of the dyke and mafic volcanic dyke	MH-35-1	E5388518
				12900						Mafic Volcanic		E5388519
				12900						Granitic boulders in old creek bed in heart of IP anomaly		E5388520
2014-07-08	MH36	646166.1	5407542.8	12900	345				Mafic Volcanic	Mafic Volcanic biotite rich fine to medium grained east of IP target		E5388521
2014-07-08	MH37	646205.2	5407577.7	12900	400				Mafic Volcanic	Pillowed mafic volcanic with qtz+pink feldspar dyke cuttings sharply along fol.		
2014-07-08	MH38	646287.5	5407649.3	12900	510				Mafic Volcanic	Black coloured biotite rich mafic volcanic		E5388522
2014-07-08	MH39	646352	5407664.3	12900	50m E of 550				Mafic Volcanic	Hornblend rich mafic volcanic		E5388523
2014-07-08	MH40	646370.5	5407736.4	12900	640				Mafic Volcanic	Med grained mafic dyke, minor plag.		E5388524
2014-07-08	MH41	646422.5	5407788.1	12900	720				Mafic Dyke	Float sample of mafic volcanic with qtz+felspar dyke cutting		E5388539
2014-07-08	MH42	646379.4	5407875.6	13000	740				Mafic Volcanic			

2014-07-08	MH43	646315.2	5407820.4	L13000	650				Mafic Volcanic	Mafic volcanic coarse grained possible intrusive/gabbro	E5388525
2014-07-09	MH44	645654.4	5407592.6	L13200	0				Mafic Volcanic	Moderately siliceous biotite rich grey black mafic volcanic	E5388526
2014-07-09	MH45	645570.8	5407676.3	L13400	0				Mafic Volcanic	Float sample of strongly siliceous mafic volcanic. Moderate chlorite disseminated fine grained pyrite.	E5388527
2014-07-09	MH46	645655	5407700.4	L13400	10E of 50	140	50		Mafic Volcanic	Strongly siliceous moderate chloritic strongly magnetic mafic volcanic	E5388528
2014-07-09	MH47	645628.6	5407707.4	L13400	50				Mafic Volcanic	massive mafic volcanic, siliceous medium grained	E5388529
2014-07-09	MH48	645680.6	5407754.1	L13400	125	130	66		Mafic Volcanic	Strongly foliated, moderately siliceous, weakly magnetic with minor chlorite. Numerous silica bands forming along foliation planes	E5388530
2014-07-09	MH49	645764.8	5407831.9	L13400	260				Mafic Volcanic	Strongly siliceous and chloritic, weakly magnetic	E5388531
2014-07-09	MH50	645792.2	5407878.2	L13400	320				Mafic Volcanic	Large area of outcrop on line 13400 from 275m to 300m. Weakly siliceous with minor biotite pillow basalt	
2014-07-09	MH51	645813.4	5407905.6	L13400	350	150			Mafic Volcanic	Large outcrop of pillowed basalts with a quartz feldspar porphyry dyke cutting along foliation and dipping Se at 50deg sharply. Small gossan+qtz vein cutting along foliation plane. Unit is soft with abundant chlorite and is weakly magnetic	MH-51 (1-3)
2014-07-09	MH52	645860.5	5407942.1	L13400	400				Porphyry	Felsic Dyke	E5388533
2014-07-09	MH53	645851.9	5407957.6	L13400	400				Porphyry	Qtz feldspar porphyry with biotite sugary texture	
2014-07-09	MH54	645872	5407976.1	L13400	450	140	65		Mafic Volcanic	float sample of a fine grained felsic intrusive	
2014-07-09	MH55	645955.9	5408028.6	L13400	541	135			Mafic Volcanic	Pillowed basalts soft, strong chlorite and siliceous well foliated. QFP dyke 20cm thick cuts obliquely at 110 deg and dips 65deg plunges east? Tight folded qtz+felspar veining	MH-54 (1-2)
2014-07-09	MH56	646017.7	5408084.6	L13400	625	160	60		Mafic Volcanic		
2014-07-09	MH57	646048.4	5408104.9	L13400	655	140	60		Mafic Volcanic	Pillow basalt well foliated	E5388535
2014-07-09	MH58	646140.6	5408198.9	L13400	800				Mafic Volcanic	Soft strongly chloritic minor qtz boudins running along foliation	
2014-07-09	MH59	646304.3	5408279.2	13300	1000 (50m NW)				Granite	qtz feldspar biotite coarse grained	
2014-07-09	MH60	646138.5	5408088.3	13300	665				Mafic Volcanic		
2014-07-09	MH61	646007	5407953.9	13300	508				Mafic Volcanic	Pillowed basalt on edge of ravine, steep cliff	
2014-07-09	MH62	645989.8	5407931.1	13300	468				Mafic Volcanic	Siliceous basalt with pink qtz+/-carb veining, weakly magnetic.	MH-61 (1-2)

2014-07-09	MH63	645888.7	5407852.6	13300	334				Mafic Volcanic	Siliceous basalt with pink qtz+/-carb veining, weakly magnetic.		E5388537
2014-07-09	MH64	645860.3	5407830.7	13300	300	160			Mafic Volcanic	Siliceous basalt with medium grained pyrite forming along foliation plane, minor qtz veining. Sample taken along line 13 300 at 300m East.		E5388538
2014-07-11	MH65	645646.7	5409697.9	14800	1426	130	52		Mafic Volcanic	Mafic volcanic schist siliceous, hard/annealed. Minor qtz + potassic feldspar veining, disseminated fine grained pyrite. Sample taken just east of conductor on L14800 1450E. Area where conductor is in a spruce bog.		E5388540
2014-07-11	MH66	645615.6	5409950.4	15100	600(45 mSE)	160			Mafic Volcanic	Well foliated mafic volcanic with feldspar+qtz occurring along foliation plane		
2014-07-11	MH67	645617.2	5409970.6	15100	600(25 mSE)	160	60		Mafic Volcanic	Well foliated mafic volcanic moderately siliceous weakly chloritic hard and annealed. Numerous bands of silica-feldspar forming along foliation plane. Possible feldspar dyke in sample, cuts along foliation. Minor fine grained pyrite, looks primary. Station is 20m south of L15100 1550E	MH-67 (1-2)	E5388541
2014-07-11	MH68	645666.4	5410058.5	15100	686				Granite	qtz feldspar biotite coarse grained		
2014-07-11	MH69	645586.1	5409968.7	15100	577				Mafic Volcanic	Mafic volcanic soft, chlorite rich		
2014-07-11	MH70	645373.3	5409769.6	15100	271(16 mSE)				Mafic Volcanic	Mafic volcanic soft, chlorite rich		
2014-07-11	MH71	645337.5	5409755.7	15100	250				Mafic Volcanic	Mafic volcanic soft, chlorite rich		
2014-07-12	MH72	645779	5409571	14700	1450	174	50		Mafic Volcanic	Siliceous with sericitic altered mineralized sheared mafic volcanic. Large 1m wide qtz vein cutting obliquely to foliation. Sericitic proximal to qtz vein and coarser. Pyrite and possible arsenopyrite (silvery coloured) mineralization. ~5m south of L14700 14+50 E. Source of IP anomaly.	MH-72 (1-5)	E5388542
	MH72	645779	5409571	14700	1450				Mafic Volcanic	Qtz vein		E5388543
	MH72	645779	5409571	14700	1450				Mafic Volcanic	Pyrite rich mafic volcanic		E5388544
	MH72	645779	5409571	14700	1450				Mafic Volcanic	sericitic mafic volcanic with coarse cubic Py, footwall sample to the shear zone		E5388546
	MH72	645779	5409571	14700	1450				Mafic Volcanic	sericitic mafic volcanic with heavily disseminated Py, sample from footwall to shear zone		E5388547
2014-07-13	MH73	645732.5	5409541.7	14700	1450				Mafic Volcanic	Float sample of a sheared mafic volcanic schist. Sample is biotite rich black micaceous with minor sericite. 1% fine grained pyrite		E5388545
2014-07-13	MH74	645789.2	5409591.7	14700	1450				Mafic Volcanic	Siliceous annealed mafic volcanic with disseminated pyrite, footwall sample to shear zone	MH-74-1	E5388548
2014-07-13	MH75	645790.6	5409595.9	14700	1450				Porphyry dyke	Qtz+felspar with sericite porphyry dyke occurring in shear zone correlating to IP anomaly at 14+50E on L14700	MH-75-1	E5388549
2014-07-13	MH76	645778	5409602.7	14700	1450				Mafic Volcanic	Siliceous annealed mafic volcanic with disseminated pyrite, unit is in shear zone correlating to IP anomaly at 14+50E on L14 700		E5388550
2014-07-13	MH77	645780.6	5409603	14700	1450				Mafic Volcanic	Sheared mafic volcanic cut by massive qtz vein in shear zoned at IP anomaly 14+50E on L14700. Strong sericite alteration, abundant Pyrite mineralization, possible Arsenopyrite in qtz veining.	MH-77 (1-3)	E5388551

2014-07-14	MH78	645503.5	5407762.3	13500	25	170		Mafic Volcanic	Homblend siliceous mafic volcanic, rep sample taken		
2014-07-14	MH79	645558.8	5407853.5	13500	34m W of 120m			Mafic Volcanic	Float of biotite with lesser sericite sheared mafic volcanic. Strong penetrative planar fabric, weakly siliceous and chloritic.		E5388552
2014-07-14	MH80	645611.2	5407847.3	13500	150			Mafic Volcanic	Medium grained black coloured homblend mafic volcanic. Weakly siliceous, trace garnet. Rep sample taken.		
2014-07-14	MH81	645669.8	5407850.4	13500	150			Mafic Volcanic	Medium grained black coloured homblend mafic volcanic. Strong chlorite alteration		
2014-07-14	MH82	645677.3	5407905.3	13500	250			Mafic Volcanic	Fine to medium grained biotite rich with lesser sericite. In contact with QFP, sharp contact.		E5388558
2014-07-14	MH83	645676.9	5407905	13500	250			Quartz Feldspar porphyry	Sugary medium to coarse grained quartz feldspar biotite porphyry dyke, unit is several meters thick. Rep sample taken	MH-83-1	
2014-07-14	MH84	645726.6	5407950	13500	300	60		Mafic Volcanic	Biotite rich with minor sericite mafic volcanic. Planar penetrative fabric, rusty qtz veinlets cutting at oblique angle to foliation, no mineralization		E5388554
2014-07-14	MH85	645762.9	5407975.4	13500	360			Mafic Volcanic	Biotite with lesser chlorite mafic volcanic		
2014-07-14	MH86	645861.6	5408088.6	13500	500	136		Mafic Volcanic	Chlorite rich pillowed mafic volcanic. Silica forming along foliation plane. Chlorite perdominate in pillow selvages. Small qtz boudins, no apparent rotation.		
2014-07-14	MH87	645952.1	5408135.6	13500	600	152	60	Mafic Volcanic	Chlorite rich pillowed mafic volcanic		
2014-07-14	MH88	646104.4	5408284.4	13500	825	142	70	Mafic Volcanic	Sheared mafic volcanic with biotite and possible sericite. Qtz veinlets cutting at oblique angle. 1% pyrite occurring as cubes in qtz.		E5388555
2014-07-14	MH89	646188.9	5408393.9	13500	1000			Granite	Angular granite boulders.		
2014-07-15	MH90	645837.5	5408768.1	14000	TL 1080 .25m W of line	136	50	Mafic Volcanic	Massive mafic volcanic, minor qtz veins cutting		
2014-07-15	MH91	645762.4	5408666.9	14000	830	140	60	Mafic Volcanic	Ridge outcrop running parallel to line. Pillow basalts with moderate chlorite alteration, well foliated. En echlon qtz veining cutting foliation obliquely.	MH-91 (1-3)	
2014-07-15	MH92	645721.8	5408631.6	14000	815	164	60	Mafic Volcanic	Sample taken proximal to IP target/planned drill hole		E5388556
2014-07-15	MH93	645715.4	5408604.3	14000	785	160	50	Mafic Volcanic	Moderately sheared mafic volcanic, biotite rich with minor sericite. Qtz vugs (see photo) Pyrite occurring as disseminated cubes coarse grained. Quartz feldspar porphyry dyke cuts along foliation plane, sharp contact, the dyke is several meters thick. Tight isoclinal folding with hinge forming along foliation plane.	MH-93 (1-4)	
2014-07-15	MH94	645435.9	5408418.4		74m NNW west of L14000 400 picket			Mafic Volcanic	No outcrop observed south of this station as swampy area occurs		E5388558

APPENDIX C

Assay Certificates

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: Bob Middleton

PROJECT NO: Jordan Batch #1

AGAT WORK ORDER: 14B858537

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jul 17, 2014

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5390910 (5534560)	0.58	0.08	1.42	0.8	<0.005	<5	3	<0.05	0.09	1.36	0.10	6.53	37.6	14.1
E5390911 (5534561)	0.68	0.05	0.96	0.8	<0.005	<5	21	0.05	0.08	1.07	0.02	3.42	16.2	59.0
E5390912 (5534562)	0.64	0.06	0.97	0.5	<0.005	<5	5	<0.05	0.02	1.03	0.03	2.76	11.0	32.7
E5390913 (5534563)	0.58	0.04	1.15	0.4	<0.005	<5	12	<0.05	<0.01	1.51	0.03	3.66	10.5	25.1
E5390914 (5534564)	0.66	0.05	0.06	0.7	<0.005	<5	4	<0.05	0.04	0.02	0.18	1.71	0.8	15.2
E5390915 (5534565)	0.50	0.05	0.38	0.7	0.012	<5	36	0.06	0.07	0.06	0.02	27.4	0.5	5.0
E5390916 (5534566)	0.44	0.04	0.36	0.7	<0.005	<5	23	<0.05	0.04	0.09	0.03	20.1	0.9	6.9
E5390917 (5534567)	0.78	0.07	0.67	0.7	<0.005	<5	8	0.06	0.70	0.30	0.01	22.0	1.6	14.9
E5390918 (5534568)	0.82	0.92	0.17	0.8	0.008	5	<1	<0.05	0.28	0.51	0.14	1.38	57.7	6.9
E5390919 (5534569)	0.50	0.13	0.15	3.6	<0.005	<5	3	<0.05	0.18	0.45	0.14	0.81	9.2	13.4
E5390920 (5534570)	0.56	0.56	0.61	1.1	0.015	<5	1	<0.05	0.31	0.82	5.20	5.30	43.1	11.8
E5390921 (5534571)	0.40	0.37	0.33	0.7	0.008	<5	6	0.06	0.34	0.69	0.11	2.30	29.1	21.6
E5390922 (5534572)	0.48	0.13	1.20	0.6	<0.005	<5	6	0.06	0.04	1.79	0.07	5.46	14.7	31.2
E5390923 (5534573)	0.52	0.14	1.13	0.5	<0.005	<5	11	0.07	0.14	1.26	0.07	11.2	20.4	30.1
E5390924 (5534574)	0.48	0.08	2.08	0.4	<0.005	<5	8	0.06	0.01	1.84	0.02	5.89	16.9	59.0
E5390925 (5534575)	0.42	0.03	2.54	0.4	<0.005	<5	6	0.07	0.01	2.09	0.01	5.14	9.2	58.8
E5390926 (5534576)	0.58	0.23	2.11	0.7	0.008	<5	1	<0.05	0.08	1.08	1.04	4.35	70.5	66.5
E5390927 (5534577)	0.68	0.09	0.81	0.8	<0.005	<5	24	0.11	0.89	0.51	0.02	30.7	4.5	11.3
E5390928 (5534578)	0.84	0.02	2.15	0.9	<0.005	<5	11	<0.05	0.15	0.63	0.03	7.45	26.7	85.8
E5390929 (5534580)	0.90	0.08	1.78	0.4	<0.005	<5	5	<0.05	0.11	1.51	0.15	5.48	32.0	56.6
E5390930 (5534581)	0.56	0.15	1.56	0.7	<0.005	<5	4	0.06	0.02	1.40	0.05	6.16	58.9	57.4
E5390931 (5534582)	0.66	0.04	1.06	0.4	<0.005	<5	2	0.06	0.01	1.23	0.18	4.84	9.0	23.3
E5390932 (5534583)	0.56	3.96	1.49	170	0.748	<5	4	0.72	0.02	1.69	0.65	2.45	40.9	20.6
E5390933 (5534584)	0.74	1.07	2.87	150	0.379	<5	35	0.45	<0.01	1.82	0.20	2.88	32.3	79.8
E5390934 (5534585)	0.54	0.13	1.55	2.9	0.006	<5	5	0.06	<0.01	2.73	0.08	1.73	10.2	30.6
E5390935 (5534586)	0.46	0.03	1.60	0.9	<0.005	<5	30	0.07	0.01	1.47	0.06	5.28	11.8	35.2
E5390936 (5534587)	0.50	0.06	0.95	0.8	<0.005	<5	9	0.10	0.23	1.50	0.06	3.50	21.8	42.2
E5390937 (5534588)	0.42	1.65	2.30	49.7	0.232	<5	10	0.26	0.02	1.89	0.13	3.45	38.6	155
E5390938 (5534589)	0.74	0.17	0.73	1.0	<0.005	<5	3	0.05	0.01	0.89	0.04	5.91	12.7	22.5
E5390939 (5534590)	0.46	0.14	1.41	0.7	<0.005	<5	177	0.07	0.19	1.54	0.06	2.29	28.2	114
E5390940 (5534591)	0.62	0.05	1.60	0.6	<0.005	<5	12	0.09	0.05	1.37	0.03	5.52	16.1	44.0

Certified By:

Ron Cardinal

Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014


DATE RECEIVED: Jul 02, 2014

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SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5390941 (5534592)	0.62	0.11	1.34	0.7	<0.005	<5	4	0.06	0.27	1.78	0.06	0.80	30.9	16.8
E5390942 (5534593)	0.68	0.07	0.84	0.5	<0.005	<5	5	<0.05	0.17	0.83	0.03	4.01	14.5	23.0
E5390943 (5534594)	0.54	0.03	0.94	0.6	<0.005	<5	5	<0.05	0.03	0.82	0.03	1.94	9.5	27.7
E5390944 (5534595)	0.68	0.02	2.24	0.6	<0.005	<5	4	<0.05	<0.01	0.44	0.03	3.13	23.3	84.5
E5390945 (5534596)	0.56	0.02	3.44	0.6	0.005	<5	9	0.16	0.06	4.72	0.04	3.74	9.4	50.6
E5390946 (5534598)	0.40	0.04	2.28	0.3	<0.005	<5	2	0.07	0.01	2.37	0.06	1.77	14.7	35.2
E5390947 (5534599)	0.54	0.01	1.20	0.7	0.012	<5	7	0.05	0.04	1.16	0.03	4.66	12.9	40.1
E5390948 (5534600)	0.60	0.04	0.10	0.8	<0.005	<5	2	<0.05	0.02	0.37	0.17	0.92	3.0	18.7
E5390949 (5534601)	0.84	0.04	2.13	0.7	<0.005	<5	18	0.06	0.07	1.90	0.07	4.64	13.5	50.4
E5390950 (5534602)	0.42	0.03	1.98	0.5	<0.005	<5	26	0.09	0.16	2.00	0.05	3.70	11.5	59.6
E5390951 (5534603)	0.50	0.02	0.10	0.6	<0.005	<5	1	<0.05	0.01	0.11	<0.01	1.43	0.9	13.5
E5390952 (5534604)	0.54	<0.01	0.09	0.6	<0.005	<5	2	<0.05	0.01	0.12	0.01	0.57	1.1	15.8
E5390953 (5534605)	0.68	0.02	2.47	0.4	<0.005	<5	105	0.08	0.04	2.34	0.04	5.42	25.9	69.4
E5390954 (5534606)	0.54	0.02	1.09	1.3	<0.005	<5	57	<0.05	0.09	0.59	0.02	2.84	8.8	75.3
E5390955 (5534607)	0.48	0.12	1.38	0.5	<0.005	<5	8	<0.05	0.08	1.37	0.06	2.53	9.4	45.0
E5390956 (5534608)	0.50	0.04	1.36	0.6	<0.005	<5	13	<0.05	<0.01	1.40	0.05	5.81	18.0	33.4
E5390957 (5534609)	0.70	0.52	1.60	0.5	0.054	<5	15	<0.05	0.15	1.12	0.70	3.72	16.6	41.5
E5390958 (5534610)	0.54	0.07	1.10	0.6	<0.005	<5	12	<0.05	<0.01	0.84	0.03	2.34	11.4	42.1
E5390959 (5534611)	0.66	0.04	2.30	0.6	<0.005	<5	75	0.05	0.05	1.37	0.04	5.76	20.6	38.7
E5390960 (5534612)	1.12	0.05	2.54	0.5	<0.005	<5	28	<0.05	0.14	0.96	0.03	4.26	31.8	55.9
E5390961 (5534613)	0.78	0.02	1.47	0.5	<0.005	<5	12	0.12	0.03	1.36	0.03	21.4	21.4	64.5
E5390962 (5534614)	0.70	0.02	1.67	1.0	0.005	<5	31	0.06	0.06	1.27	0.04	4.04	9.3	39.1
E5390963 (5534615)	0.56	0.05	1.25	0.5	<0.005	<5	4	0.06	0.03	1.24	0.03	4.13	8.5	40.1
E5390964 (5534616)	0.44	3.64	1.64	198	0.185	<5	10	0.76	0.02	1.77	0.15	4.78	15.6	23.3
E5390965 (5534617)	0.62	1.47	2.92	93.5	0.430	<5	6	0.98	0.02	2.19	0.19	3.34	22.7	36.7
E5390966 (5534618)	0.40	0.85	2.17	21.5	5.49	<5	25	0.30	<0.01	0.85	0.09	29.2	5.5	7.2
E5390967 (5534619)	0.82	0.17	2.29	16.3	0.029	<5	193	0.14	0.01	1.91	0.05	5.33	19.0	53.9
E5390968 (5534620)	0.68	0.07	1.74	16.8	0.009	<5	14	0.08	0.01	1.56	0.03	4.97	12.3	41.6
E5390969 (5534621)	0.38	0.03	0.75	0.8	<0.005	<5	4	<0.05	0.02	0.86	0.04	0.58	3.7	20.2
E5390970 (5534622)	0.58	0.02	1.86	0.5	<0.005	<5	13	0.09	0.16	1.79	0.05	4.69	10.9	29.5
E5390971 (5534623)	0.70	0.04	0.97	0.7	<0.005	<5	4	<0.05	0.02	1.14	0.03	4.75	20.8	28.1

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

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SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5390972 (5534624)	0.74	0.05	0.87	0.5	<0.005	<5	4	0.06	0.02	1.45	0.03	1.46	14.7	16.2
E5390973 (5534625)	0.56	0.05	0.99	0.5	<0.005	<5	11	<0.05	0.05	1.11	0.03	4.86	17.8	28.8

Certified By:

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PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5390910 (5534560)	0.15	289	3.98	5.05	0.17	0.09	<0.01	0.030	0.02	2.4	5.1	1.12	361	0.64
E5390911 (5534561)	0.26	70.7	2.36	3.43	0.15	0.12	<0.01	0.014	0.04	1.3	6.0	0.72	290	0.65
E5390912 (5534562)	0.29	150	1.97	2.71	0.15	0.04	<0.01	0.012	0.03	1.1	3.6	0.52	283	0.68
E5390913 (5534563)	0.27	43.0	2.40	3.54	0.18	0.06	<0.01	0.017	0.06	1.2	2.6	0.87	373	0.30
E5390914 (5534564)	<0.05	28.7	0.49	0.49	0.11	0.03	<0.01	<0.005	<0.01	0.9	0.5	0.02	29	1.29
E5390915 (5534565)	0.25	10.1	0.72	2.59	0.12	0.43	<0.01	<0.005	0.09	14.4	2.9	0.05	94	0.45
E5390916 (5534566)	0.68	24.1	0.63	1.78	0.11	0.37	<0.01	<0.005	0.06	8.5	2.7	0.10	88	1.15
E5390917 (5534567)	0.10	1.8	1.14	4.53	0.12	0.26	<0.01	0.007	0.06	11.7	6.2	0.34	186	4.63
E5390918 (5534568)	0.06	2230	8.06	0.71	0.22	0.05	<0.01	0.015	0.01	0.6	1.1	0.15	493	1.11
E5390919 (5534569)	0.10	198	1.19	0.69	0.12	0.02	<0.01	0.010	<0.01	0.5	1.0	0.07	138	1.12
E5390920 (5534570)	1.69	361	7.03	2.78	0.25	0.08	<0.01	0.157	0.12	2.3	4.2	0.35	242	1.36
E5390921 (5534571)	0.08	342	2.98	0.99	0.15	0.06	<0.01	0.006	0.03	1.2	0.6	0.09	110	1.34
E5390922 (5534572)	0.26	229	1.88	2.31	0.13	0.06	<0.01	0.008	0.02	3.1	6.6	0.44	302	1.34
E5390923 (5534573)	0.36	202	2.47	3.18	0.16	0.08	<0.01	0.012	0.05	4.9	3.4	0.61	283	21.5
E5390924 (5534574)	0.25	164	2.27	4.49	0.15	0.06	<0.01	0.010	0.03	2.7	6.1	0.78	289	0.86
E5390925 (5534575)	0.18	38.6	1.49	4.21	0.13	0.05	<0.01	0.009	0.02	2.5	4.5	0.73	246	0.71
E5390926 (5534576)	0.32	830	5.91	5.51	0.19	0.05	<0.01	0.039	0.02	1.7	13.2	1.52	437	0.82
E5390927 (5534577)	0.07	6.3	1.72	4.91	0.16	0.27	<0.01	0.008	0.06	15.4	8.9	0.52	150	0.60
E5390928 (5534578)	1.37	62.4	4.08	7.35	0.15	0.05	<0.01	0.009	0.06	2.8	102	1.93	356	1.32
E5390929 (5534580)	0.14	208	3.00	3.75	0.16	0.05	<0.01	0.018	0.02	2.1	7.1	0.92	333	0.42
E5390930 (5534581)	0.11	675	3.95	4.47	0.17	0.08	<0.01	0.021	0.02	2.5	7.3	1.06	412	0.57
E5390931 (5534582)	0.17	46.0	1.75	2.34	0.14	0.06	<0.01	0.006	<0.01	2.7	4.3	0.46	262	0.58
E5390932 (5534583)	0.60	140	5.94	3.84	0.19	0.16	0.01	0.008	0.12	1.0	5.6	0.30	232	0.63
E5390933 (5534584)	3.42	72.8	4.98	8.20	0.20	0.10	<0.01	0.025	0.94	1.3	19.7	1.83	648	0.35
E5390934 (5534585)	0.30	111	2.13	5.22	0.15	0.05	<0.01	0.007	0.03	0.9	11.8	0.64	401	0.60
E5390935 (5534586)	0.27	66.8	3.41	5.20	0.18	0.10	<0.01	0.028	0.10	2.2	6.4	1.07	408	0.49
E5390936 (5534587)	0.14	151	2.96	2.88	0.17	0.09	<0.01	0.017	0.04	1.3	3.5	0.70	444	1.73
E5390937 (5534588)	2.32	128	4.94	6.26	0.18	0.10	<0.01	0.010	0.37	1.3	19.4	0.86	369	3.10
E5390938 (5534589)	0.19	109	1.96	2.79	0.17	0.09	<0.01	0.018	0.03	2.4	2.9	0.64	168	0.34
E5390939 (5534590)	5.49	251	3.36	3.52	0.19	0.08	<0.01	0.011	0.32	1.0	17.7	1.31	436	14.7
E5390940 (5534591)	0.17	81.4	3.14	5.45	0.19	0.08	<0.01	0.020	0.06	2.2	21.2	1.20	441	0.50
E5390941 (5534592)	0.14	179	2.34	2.35	0.17	0.08	<0.01	0.005	0.02	0.3	8.7	0.50	286	4.79

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

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ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cs ppm 0.05	Cu ppm 0.1	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.1	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05
E5390942 (5534593)		0.33	173	2.03	2.45	0.16	0.05	<0.01	0.010	0.02	1.5	4.7	0.55	225	1.04
E5390943 (5534594)		0.34	126	1.89	2.07	0.15	0.03	<0.01	0.007	0.02	0.7	5.2	0.55	255	1.08
E5390944 (5534595)		0.66	112	4.55	7.18	0.16	0.02	<0.01	0.016	0.02	1.1	7.1	1.69	319	0.44
E5390945 (5534596)		0.37	58.7	1.60	7.67	0.24	0.12	<0.01	0.027	<0.01	1.7	5.3	0.46	221	0.36
E5390946 (5534598)		0.35	111	1.63	3.54	0.15	0.07	<0.01	0.006	0.01	0.8	8.9	0.52	288	0.38
E5390947 (5534599)		1.24	31.5	2.51	4.17	0.17	0.07	<0.01	0.014	0.08	1.9	8.5	1.01	360	0.31
E5390948 (5534600)		0.06	20.4	0.92	0.53	0.14	<0.02	<0.01	0.005	0.01	0.4	0.7	0.10	111	1.50
E5390949 (5534601)		0.37	91.0	2.00	4.70	0.15	0.04	<0.01	0.013	0.03	2.2	7.0	0.66	362	0.47
E5390950 (5534602)		0.37	55.7	1.51	3.32	0.14	0.06	<0.01	0.009	0.09	1.6	5.4	0.61	227	1.06
E5390951 (5534603)		<0.05	1.7	0.32	0.36	0.12	0.02	<0.01	<0.005	<0.01	0.7	0.2	0.04	29	0.95
E5390952 (5534604)		0.06	3.7	0.37	0.30	0.11	0.03	<0.01	<0.005	<0.01	0.3	0.5	0.04	85	1.15
E5390953 (5534605)		3.15	92.5	3.36	5.41	0.14	0.12	<0.01	0.017	0.41	2.1	16.7	0.98	457	0.49
E5390954 (5534606)		2.88	47.5	2.39	3.64	0.14	0.06	<0.01	0.016	0.08	1.0	6.4	0.72	172	0.47
E5390955 (5534607)		0.28	251	3.16	3.75	0.15	0.05	<0.01	0.013	0.04	1.2	6.4	0.70	363	0.57
E5390956 (5534608)		0.27	108	1.91	4.29	0.14	0.06	<0.01	0.014	0.02	2.7	5.0	0.43	338	0.81
E5390957 (5534609)		0.44	514	3.52	4.68	0.17	0.06	<0.01	0.116	0.03	1.6	4.6	1.07	269	0.82
E5390958 (5534610)		0.65	80.9	2.50	3.19	0.14	0.05	<0.01	0.018	0.03	0.9	8.5	0.75	288	0.23
E5390959 (5534611)		3.81	67.5	3.46	5.73	0.18	0.06	<0.01	0.017	0.49	2.2	19.8	1.69	400	3.01
E5390960 (5534612)		15.2	139	3.70	6.27	0.16	0.03	<0.01	0.013	0.59	1.7	35.7	2.21	280	0.49
E5390961 (5534613)		0.30	39.5	2.91	5.01	0.17	0.14	<0.01	0.016	0.07	8.4	7.0	1.04	366	0.34
E5390962 (5534614)		6.76	32.1	2.34	3.76	0.15	0.05	<0.01	0.015	0.08	1.7	10.0	0.85	199	0.90
E5390963 (5534615)		0.34	41.7	2.60	3.49	0.16	0.08	<0.01	0.017	0.02	1.8	5.4	0.96	306	0.59
E5390964 (5534616)		1.07	143	6.00	3.83	0.18	0.17	0.02	0.007	0.07	2.3	2.8	0.21	214	1.14
E5390965 (5534617)		1.20	105	4.59	6.53	0.17	0.15	0.01	0.010	0.07	1.5	10.7	0.48	326	0.79
E5390966 (5534618)		1.77	25.0	2.02	6.63	0.13	0.06	<0.01	0.006	0.51	15.5	11.1	0.51	355	0.62
E5390967 (5534619)		4.53	48.7	2.65	4.89	0.15	0.06	<0.01	0.013	0.33	2.4	9.7	0.94	389	6.43
E5390968 (5534620)		0.54	74.9	2.34	4.52	0.16	0.06	<0.01	0.014	0.02	3.7	17.5	0.87	330	0.33
E5390969 (5534621)		0.10	41.5	0.76	1.56	0.11	<0.02	<0.01	<0.005	<0.01	0.4	3.0	0.13	92	1.67
E5390970 (5534622)		0.50	72.5	1.68	4.80	0.12	0.06	<0.01	0.017	0.04	2.2	4.1	0.60	233	1.31
E5390971 (5534623)		0.08	99.5	2.11	3.40	0.17	0.08	<0.01	0.013	0.03	1.7	2.2	0.65	254	0.35
E5390972 (5534624)		0.16	107	1.50	2.07	0.13	0.11	<0.01	0.008	0.01	0.9	4.2	0.38	242	0.72
E5390973 (5534625)		0.23	92.4	2.37	3.01	0.16	0.10	<0.01	0.014	0.06	1.8	3.6	0.79	305	0.31

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Certified By:

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DATE SAMPLED: Jul 02, 2014


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DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5390910 (5534560)	0.19	0.21	27.8	538	0.3	0.8	0.003	0.926	<0.05	13.2	1.9	0.4	4.7	<0.01
E5390911 (5534561)	0.12	0.29	16.7	475	0.9	2.1	0.005	0.357	<0.05	8.2	1.0	0.3	12.7	<0.01
E5390912 (5534562)	0.10	0.20	13.3	198	0.3	1.6	0.001	0.082	<0.05	6.9	0.7	<0.2	3.5	<0.01
E5390913 (5534563)	0.15	0.44	16.1	420	0.3	2.5	0.002	0.058	<0.05	10.3	0.7	0.2	6.6	<0.01
E5390914 (5534564)	0.01	0.32	1.3	13	7.4	0.6	<0.001	0.066	<0.05	0.3	<0.2	<0.2	0.9	<0.01
E5390915 (5534565)	0.08	1.25	1.0	148	1.5	5.7	<0.001	0.009	<0.05	0.6	<0.2	0.3	4.0	0.01
E5390916 (5534566)	0.08	1.56	1.0	128	1.9	5.4	<0.001	0.018	<0.05	0.7	<0.2	<0.2	3.3	<0.01
E5390917 (5534567)	0.10	1.09	3.6	415	2.0	2.6	<0.001	0.083	<0.05	2.9	<0.2	0.3	32.9	<0.01
E5390918 (5534568)	0.01	0.17	49.8	120	1.9	0.2	0.012	6.95	<0.05	1.0	12.2	<0.2	1.4	<0.01
E5390919 (5534569)	<0.01	0.24	19.8	90	0.2	0.3	<0.001	0.269	<0.05	1.1	0.8	<0.2	2.9	<0.01
E5390920 (5534570)	0.06	0.27	47.4	301	5.3	9.0	0.002	4.88	<0.05	2.3	7.0	0.4	4.5	<0.01
E5390921 (5534571)	<0.01	0.42	20.0	282	0.5	1.0	<0.001	1.27	<0.05	2.7	1.7	0.2	5.7	<0.01
E5390922 (5534572)	0.08	0.40	16.8	350	0.6	1.8	0.001	0.417	<0.05	4.6	1.0	<0.2	19.0	<0.01
E5390923 (5534573)	0.14	0.47	19.6	516	0.6	2.6	0.004	0.406	<0.05	7.8	1.0	<0.2	12.0	<0.01
E5390924 (5534574)	0.21	0.31	24.0	345	0.3	1.1	<0.001	0.268	<0.05	8.0	0.7	0.4	25.8	0.01
E5390925 (5534575)	0.22	0.35	17.4	325	0.2	1.0	<0.001	0.047	<0.05	6.1	0.3	<0.2	21.9	0.01
E5390926 (5534576)	0.19	0.13	52.7	313	1.3	0.9	0.004	2.37	<0.05	12.2	5.1	0.6	3.4	<0.01
E5390927 (5534577)	0.08	0.86	4.7	899	3.9	2.3	<0.001	0.456	<0.05	1.9	0.6	0.5	88.3	0.01
E5390928 (5534578)	0.09	0.17	56.8	314	0.6	4.2	<0.001	0.241	<0.05	8.4	0.4	<0.2	5.1	<0.01
E5390929 (5534580)	0.23	0.15	42.0	422	0.4	0.7	0.002	0.692	<0.05	13.0	1.3	0.3	11.9	<0.01
E5390930 (5534581)	0.21	0.14	54.5	428	0.3	0.4	0.005	1.29	<0.05	14.4	2.8	0.3	2.5	<0.01
E5390931 (5534582)	0.07	0.37	13.9	333	0.3	0.4	<0.001	0.118	0.08	5.2	0.4	<0.2	11.0	<0.01
E5390932 (5534583)	0.02	0.26	87.6	340	11.7	4.9	0.002	5.98	0.39	4.8	1.3	0.3	9.2	<0.01
E5390933 (5534584)	0.06	0.09	52.5	428	10.9	51.3	0.001	0.768	0.23	12.4	0.6	0.3	12.5	<0.01
E5390934 (5534585)	0.09	0.26	15.4	405	0.4	2.3	<0.001	0.108	<0.05	4.9	0.6	<0.2	14.2	<0.01
E5390935 (5534586)	0.22	0.22	17.6	665	0.3	2.9	0.002	0.095	<0.05	14.2	0.6	0.3	7.5	<0.01
E5390936 (5534587)	0.17	0.41	51.2	433	0.3	1.0	0.002	0.304	<0.05	10.9	1.0	0.2	5.9	<0.01
E5390937 (5534588)	0.01	0.18	88.3	391	3.4	23.5	0.003	1.85	0.33	13.6	0.9	0.3	8.9	<0.01
E5390938 (5534589)	0.15	0.16	29.8	621	0.2	1.0	0.001	0.149	<0.05	8.6	0.5	0.3	3.1	<0.01
E5390939 (5534590)	0.16	0.17	41.7	268	0.6	30.6	0.004	0.583	<0.05	9.6	1.1	<0.2	14.1	<0.01
E5390940 (5534591)	0.12	0.14	31.4	506	0.8	3.3	<0.001	0.161	<0.05	10.3	0.3	0.2	7.4	<0.01
E5390941 (5534592)	0.07	0.36	54.7	360	0.4	1.1	0.006	0.794	<0.05	4.7	0.7	<0.2	14.8	<0.01

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5390942 (5534593)		0.11	0.17	31.0	266	0.3	0.9	<0.001	0.301	<0.05	5.9	0.6	<0.2	5.8	<0.01
E5390943 (5534594)		0.10	0.16	19.2	558	0.4	1.8	<0.001	0.049	<0.05	4.3	0.5	<0.2	5.9	<0.01
E5390944 (5534595)		0.11	0.10	32.0	405	0.5	3.7	<0.001	0.039	<0.05	11.6	0.4	<0.2	2.5	<0.01
E5390945 (5534596)		0.03	0.12	12.2	501	0.8	0.9	<0.001	0.225	<0.05	8.8	1.0	0.3	3.2	<0.01
E5390946 (5534598)		0.14	0.36	30.9	363	0.5	0.6	0.001	0.221	<0.05	5.3	0.6	0.2	31.5	<0.01
E5390947 (5534599)		0.16	0.21	16.0	453	0.7	4.0	0.001	0.051	<0.05	8.7	0.2	<0.2	7.8	<0.01
E5390948 (5534600)		0.01	0.24	5.0	49	0.6	0.5	<0.001	0.103	<0.05	0.7	<0.2	<0.2	3.0	<0.01
E5390949 (5534601)		0.21	0.31	25.0	366	0.8	1.9	0.001	0.073	<0.05	8.6	0.4	<0.2	36.9	<0.01
E5390950 (5534602)		0.11	0.30	37.1	296	0.6	3.7	<0.001	0.085	<0.05	8.5	0.4	<0.2	25.8	<0.01
E5390951 (5534603)		0.02	0.66	1.9	22	0.2	0.2	<0.001	<0.005	<0.05	0.7	<0.2	<0.2	2.8	<0.01
E5390952 (5534604)		<0.01	0.22	4.1	102	0.2	0.4	<0.001	<0.005	<0.05	0.4	<0.2	<0.2	1.1	<0.01
E5390953 (5534605)		0.16	0.27	69.4	436	0.4	26.4	0.001	0.096	<0.05	12.8	0.5	0.2	18.0	<0.01
E5390954 (5534606)		0.12	0.22	17.7	424	0.5	11.6	0.001	0.028	<0.05	10.0	0.4	<0.2	4.6	<0.01
E5390955 (5534607)		0.14	0.24	10.7	274	0.5	2.0	0.002	0.182	<0.05	7.8	2.2	<0.2	11.7	<0.01
E5390956 (5534608)		0.16	0.32	56.0	263	0.2	2.0	<0.001	0.045	<0.05	8.0	0.4	<0.2	10.7	<0.01
E5390957 (5534609)		0.21	0.13	25.1	365	0.6	2.2	0.002	0.142	<0.05	10.8	3.2	0.9	5.5	<0.01
E5390958 (5534610)		0.13	0.19	39.1	404	0.6	4.0	0.001	0.101	<0.05	9.9	0.5	<0.2	6.4	<0.01
E5390959 (5534611)		0.18	0.17	69.7	398	0.6	39.2	0.007	0.079	<0.05	9.5	0.4	<0.2	12.6	<0.01
E5390960 (5534612)		0.16	0.13	105	337	0.6	26.5	0.001	0.310	<0.05	8.7	0.5	<0.2	8.2	<0.01
E5390961 (5534613)		0.14	0.20	31.2	1210	1.4	3.1	0.001	0.335	<0.05	9.8	0.5	<0.2	19.1	<0.01
E5390962 (5534614)		0.16	0.16	23.0	399	0.4	29.4	0.002	0.024	<0.05	7.9	0.3	<0.2	11.6	<0.01
E5390963 (5534615)		0.20	0.18	16.0	508	0.4	1.0	0.002	0.042	<0.05	9.8	0.5	<0.2	9.2	<0.01
E5390964 (5534616)		0.15	0.26	87.5	319	11.1	4.3	0.002	6.05	0.36	4.0	1.4	0.3	20.3	<0.01
E5390965 (5534617)		0.07	0.26	59.9	288	8.3	5.0	0.002	4.30	0.30	5.2	1.9	0.3	32.3	<0.01
E5390966 (5534618)		0.25	0.55	4.4	469	8.8	32.5	<0.001	0.259	0.07	2.3	0.6	0.2	25.7	<0.01
E5390967 (5534619)		0.14	0.26	48.3	420	2.4	25.3	0.019	0.121	0.06	8.7	0.4	<0.2	20.6	<0.01
E5390968 (5534620)		0.14	0.12	37.7	390	0.7	1.7	<0.001	0.028	<0.05	8.1	0.2	<0.2	18.4	<0.01
E5390969 (5534621)		0.02	0.19	6.6	150	0.3	0.4	<0.001	0.027	<0.05	1.3	<0.2	<0.2	2.5	<0.01
E5390970 (5534622)		0.16	0.31	30.8	421	0.2	4.2	0.004	0.092	<0.05	6.5	0.3	<0.2	20.0	<0.01
E5390971 (5534623)		0.14	0.27	42.6	447	0.2	0.6	0.001	0.196	<0.05	8.4	0.5	<0.2	3.9	<0.01
E5390972 (5534624)		0.07	0.53	36.0	307	0.4	0.5	<0.001	0.071	<0.05	6.0	0.4	<0.2	11.6	<0.01
E5390973 (5534625)		0.14	0.22	29.8	390	0.3	2.1	0.002	0.218	<0.05	9.6	0.5	<0.2	7.4	<0.01

Certified By:

Ron Cardinal



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

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DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5390910 (5534560)	0.12	0.5	0.158	0.02	0.05	112	0.08	7.66	66.9	1.6
E5390911 (5534561)	0.07	0.3	0.224	0.01	<0.05	72.6	<0.05	6.74	23.4	1.5
E5390912 (5534562)	0.05	0.2	0.074	0.01	<0.05	46.1	<0.05	3.13	21.5	0.7
E5390913 (5534563)	0.03	0.2	0.244	0.01	<0.05	79.0	<0.05	9.60	21.8	1.0
E5390914 (5534564)	0.03	0.3	<0.005	<0.01	<0.05	1.3	<0.05	0.19	40.8	0.7
E5390915 (5534565)	0.04	3.8	0.009	0.02	0.47	1.2	<0.05	1.99	24.8	9.1
E5390916 (5534566)	0.03	3.5	0.015	0.02	0.55	5.6	<0.05	1.49	19.3	8.6
E5390917 (5534567)	0.07	3.4	0.093	0.01	0.98	10.8	0.13	1.71	25.0	5.4
E5390918 (5534568)	1.35	0.7	0.009	0.02	0.05	9.5	<0.05	0.57	39.4	1.3
E5390919 (5534569)	0.33	0.1	0.017	0.01	<0.05	10.5	0.06	0.91	18.3	0.7
E5390920 (5534570)	0.90	0.6	0.032	0.11	0.13	24.0	0.06	3.42	1050	2.2
E5390921 (5534571)	0.46	0.2	0.070	0.03	<0.05	24.7	0.38	1.91	14.2	1.3
E5390922 (5534572)	0.23	0.3	0.120	0.02	<0.05	36.5	0.15	4.82	19.5	1.1
E5390923 (5534573)	0.24	0.5	0.171	0.03	0.09	58.1	0.15	6.38	19.8	1.5
E5390924 (5534574)	0.11	0.4	0.141	0.01	0.06	55.9	0.05	4.78	19.3	0.9
E5390925 (5534575)	0.08	0.3	0.142	<0.01	<0.05	42.5	0.07	4.24	13.0	0.8
E5390926 (5534576)	0.18	0.3	0.089	0.03	<0.05	98.5	0.07	5.34	279	1.0
E5390927 (5534577)	0.10	5.5	0.168	0.01	0.78	22.1	<0.05	2.41	40.8	6.9
E5390928 (5534578)	0.15	0.5	0.204	0.03	0.06	134	0.11	3.46	46.8	1.4
E5390929 (5534580)	0.14	0.4	0.100	0.01	0.05	75.9	0.05	4.79	42.1	1.0
E5390930 (5534581)	0.12	0.5	0.107	0.02	0.06	92.8	<0.05	6.53	37.5	1.2
E5390931 (5534582)	0.06	0.1	0.158	<0.01	<0.05	39.2	0.11	4.47	56.3	1.0
E5390932 (5534583)	0.05	0.1	0.146	0.06	0.05	56.0	28.2	5.40	68.8	1.2
E5390933 (5534584)	0.03	0.1	0.317	0.37	<0.05	152	13.5	5.53	74.7	0.9
E5390934 (5534585)	0.02	<0.1	0.113	0.01	<0.05	51.1	0.70	3.61	24.2	0.9
E5390935 (5534586)	0.02	0.4	0.178	0.03	<0.05	125	0.19	8.45	33.8	1.6
E5390936 (5534587)	0.04	0.2	0.239	0.02	<0.05	93.2	0.21	7.66	27.0	1.5
E5390937 (5534588)	0.03	0.2	0.306	0.21	0.06	225	8.65	4.74	33.8	1.3
E5390938 (5534589)	0.02	0.4	0.129	0.02	0.21	82.3	0.32	5.95	20.2	1.4
E5390939 (5534590)	0.06	0.2	0.196	0.22	0.07	82.3	0.36	2.84	32.3	1.6
E5390940 (5534591)	0.03	0.3	0.194	0.01	<0.05	117	0.14	7.21	43.7	1.3
E5390941 (5534592)	0.06	<0.1	0.191	0.01	<0.05	41.3	0.28	3.53	20.7	1.3

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5390942 (5534593)	0.06	0.2	0.085	0.01	<0.05	48.9	0.11	3.68	18.4	0.8
E5390943 (5534594)	0.04	0.1	0.080	0.01	<0.05	28.4	0.09	2.40	16.8	0.6
E5390944 (5534595)	0.03	0.3	0.069	0.02	<0.05	157	<0.05	3.74	54.0	<0.5
E5390945 (5534596)	0.04	0.2	0.206	<0.01	<0.05	100	0.13	8.22	17.9	3.2
E5390946 (5534598)	0.03	<0.1	0.191	<0.01	<0.05	43.3	0.10	4.93	30.3	1.0
E5390947 (5534599)	0.09	0.5	0.198	0.02	0.05	83.2	0.16	4.82	26.8	1.5
E5390948 (5534600)	0.08	<0.1	0.007	<0.01	<0.05	5.8	0.09	0.45	11.3	<0.5
E5390949 (5534601)	0.05	0.2	0.160	0.02	<0.05	66.6	0.15	6.41	23.4	0.9
E5390950 (5534602)	0.05	0.2	0.148	0.02	<0.05	56.1	0.47	5.33	14.4	1.1
E5390951 (5534603)	0.03	0.2	0.020	<0.01	<0.05	4.0	0.05	0.34	1.7	0.5
E5390952 (5534604)	0.11	<0.1	0.008	<0.01	<0.05	4.9	<0.05	0.28	1.9	<0.5
E5390953 (5534605)	0.08	0.3	0.300	0.12	<0.05	130	0.25	8.17	42.0	1.6
E5390954 (5534606)	0.07	0.3	0.127	0.06	<0.05	108	0.07	5.05	16.7	1.1
E5390955 (5534607)	0.13	0.2	0.110	0.02	<0.05	58.8	0.10	3.73	24.9	0.9
E5390956 (5534608)	0.07	0.2	0.131	<0.01	<0.05	69.4	<0.05	5.18	23.8	0.9
E5390957 (5534609)	0.08	0.3	0.097	0.02	0.05	92.9	<0.05	4.95	123	1.1
E5390958 (5534610)	0.06	0.3	0.130	<0.01	<0.05	91.6	<0.05	4.91	30.5	0.9
E5390959 (5534611)	0.06	0.3	0.213	0.29	0.06	96.7	0.10	4.57	39.2	1.0
E5390960 (5534612)	0.07	0.2	0.178	0.19	<0.05	103	0.08	3.87	39.3	0.6
E5390961 (5534613)	0.04	1.8	0.139	0.03	0.32	90.9	0.11	6.37	29.0	4.1
E5390962 (5534614)	0.05	0.3	0.123	0.20	<0.05	76.3	0.16	4.58	24.2	1.1
E5390963 (5534615)	0.04	0.3	0.135	<0.01	<0.05	85.1	0.05	6.17	25.6	1.2
E5390964 (5534616)	0.05	0.3	0.128	0.05	0.14	45.0	38.2	4.97	32.4	0.9
E5390965 (5534617)	0.04	0.1	0.147	0.04	<0.05	57.1	28.6	6.10	35.9	1.0
E5390966 (5534618)	0.02	2.0	0.115	0.24	0.53	19.7	1.32	3.62	66.8	1.9
E5390967 (5534619)	0.01	0.4	0.238	0.20	0.05	89.8	0.90	6.23	29.1	1.3
E5390968 (5534620)	<0.01	0.3	0.119	0.01	0.05	73.5	0.35	5.30	25.2	1.0
E5390969 (5534621)	0.01	<0.1	0.017	<0.01	<0.05	10.5	0.17	0.66	8.0	<0.5
E5390970 (5534622)	0.10	0.2	0.145	0.01	<0.05	65.5	0.30	4.76	22.5	1.0
E5390971 (5534623)	0.07	0.3	0.141	<0.01	<0.05	65.2	0.12	5.55	19.3	1.1
E5390972 (5534624)	0.06	<0.1	0.235	0.01	<0.05	47.3	0.30	5.16	16.3	1.4
E5390973 (5534625)	0.09	0.4	0.110	0.03	0.07	69.3	0.09	4.86	21.7	1.7

Certified By:

Ron Cardinal



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 02, 2014

DATE RECEIVED: Jul 02, 2014

DATE REPORTED: Jul 17, 2014

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5534560	0.08	0.09	11.8%	5534582	0.04	0.02		5534603	0.018	0.014	25.0%	5534612	0.05	0.05	0.0%
Al	5534560	1.42	1.44	1.4%	5534582	1.06	1.02	3.8%	5534603	0.10	0.10	0.0%	5534612	2.54	2.51	1.2%
As	5534560	0.8	0.5		5534582	0.4	0.4	0.0%	5534603	0.58	0.54	7.1%	5534612	0.5	0.6	18.2%
Au	5534560	< 0.005	< 0.005	0.0%	5534582	< 0.005	< 0.005	0.0%	5534603	< 0.005	< 0.005	0.0%	5534612	< 0.005	< 0.005	0.0%
B	5534560	< 5	< 5	0.0%	5534582	< 5	< 5	0.0%	5534603	< 5	< 5	0.0%	5534612	< 5	< 5	0.0%
Ba	5534560	3	4	28.6%	5534582	2	2	0.0%	5534603	1	1	0.0%	5534612	28	27	3.6%
Be	5534560	< 0.05	< 0.05	0.0%	5534582	0.059	0.068	14.2%	5534603	< 0.05	< 0.05	0.0%	5534612	< 0.05	< 0.05	0.0%
Bi	5534560	0.09	0.09	0.0%	5534582	0.01	0.01	0.0%	5534603	0.01	< 0.01		5534612	0.140	0.146	4.2%
Ca	5534560	1.36	1.36	0.0%	5534582	1.23	1.18	4.1%	5534603	0.11	0.11	0.0%	5534612	0.963	0.953	1.0%
Cd	5534560	0.10	0.10	0.0%	5534582	0.18	0.18	0.0%	5534603	< 0.01	< 0.01	0.0%	5534612	0.029	0.025	14.8%
Ce	5534560	6.53	6.61	1.2%	5534582	4.84	4.96	2.4%	5534603	1.43	1.44	0.7%	5534612	4.26	4.24	0.5%
Co	5534560	37.6	36.7	2.4%	5534582	9.0	8.7	3.4%	5534603	0.87	0.83	4.7%	5534612	31.8	32.4	1.9%
Cr	5534560	14.1	14.9	5.5%	5534582	23.3	22.9	1.7%	5534603	13.5	12.4	8.5%	5534612	55.9	56.1	0.4%
Cs	5534560	0.155	0.156	0.6%	5534582	0.171	0.180	5.1%	5534603	< 0.05	< 0.05	0.0%	5534612	15.2	15.1	0.7%
Cu	5534560	289	282	2.5%	5534582	46.0	43.6	5.4%	5534603	1.7	1.7	0.0%	5534612	139	136	2.2%
Fe	5534560	3.98	4.00	0.5%	5534582	1.75	1.69	3.5%	5534603	0.32	0.32	0.0%	5534612	3.70	3.65	1.4%
Ga	5534560	5.05	5.02	0.6%	5534582	2.34	2.28	2.6%	5534603	0.356	0.353	0.8%	5534612	6.27	6.33	1.0%
Ge	5534560	0.173	0.176	1.7%	5534582	0.14	0.14	0.0%	5534603	0.115	0.114	0.9%	5534612	0.163	0.170	4.2%
Hf	5534560	0.088	0.097	9.7%	5534582	0.064	0.067	4.6%	5534603	0.02	0.02	0.0%	5534612	0.03	0.03	0.0%
Hg	5534560	< 0.01	< 0.01	0.0%	5534582	< 0.01	< 0.01	0.0%	5534603	< 0.01	< 0.01	0.0%	5534612	< 0.01	< 0.01	0.0%
In	5534560	0.0304	0.0319	4.8%	5534582	0.006	0.006	0.0%	5534603	< 0.005	< 0.005	0.0%	5534612	0.0133	0.0147	10.0%
K	5534560	0.02	0.02	0.0%	5534582	< 0.01	< 0.01	0.0%	5534603	< 0.01	< 0.01	0.0%	5534612	0.589	0.584	0.9%
La	5534560	2.44	2.52	3.2%	5534582	2.7	2.8	3.6%	5534603	0.7	0.7	0.0%	5534612	1.7	1.7	0.0%
Li	5534560	5.1	5.0	2.0%	5534582	4.3	4.2	2.4%	5534603	0.2	0.2	0.0%	5534612	35.7	35.4	0.8%
Mg	5534560	1.12	1.13	0.9%	5534582	0.457	0.439	4.0%	5534603	0.04	0.04	0.0%	5534612	2.21	2.19	0.9%
Mn	5534560	361	364	0.8%	5534582	262	253	3.5%	5534603	29	30	3.4%	5534612	280	276	1.4%
Mo	5534560	0.637	0.631	0.9%	5534582	0.58	0.55	5.3%	5534603	0.946	0.771	20.4%	5534612	0.49	0.41	17.8%
Na	5534560	0.19	0.19	0.0%	5534582	0.07	0.07	0.0%	5534603	0.015	0.015	0.0%	5534612	0.16	0.16	0.0%
Nb	5534560	0.205	0.178	14.1%	5534582	0.37	0.37	0.0%	5534603	0.66	0.69	4.4%	5534612	0.13	0.13	0.0%
Ni	5534560	27.8	26.6	4.4%	5534582	13.9	13.2	5.2%	5534603	1.9	2.1	10.0%	5534612	105	107	1.9%
P	5534560	538	509	5.5%	5534582	333	318	4.6%	5534603	22	18	20.0%	5534612	337	326	3.3%



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

Pb	5534560	0.3	0.3	0.0%	5534582	0.3	0.3	0.0%	5534603	0.2	0.2	0.0%	5534612	0.6	0.6	0.0%
Rb	5534560	0.8	0.8	0.0%	5534582	0.4	0.4	0.0%	5534603	0.2	0.2	0.0%	5534612	26.5	27.0	1.9%
Re	5534560	0.003	0.003	0.0%	5534582	< 0.001	< 0.001	0.0%	5534603	< 0.001	< 0.001	0.0%	5534612	0.001	0.001	0.0%
S	5534560	0.926	0.919	0.8%	5534582	0.118	0.112	5.2%	5534603	< 0.005	< 0.005	0.0%	5534612	0.310	0.309	0.3%
Sb	5534560	< 0.05	< 0.05	0.0%	5534582	0.08	< 0.05		5534603	< 0.05	< 0.05	0.0%	5534612	< 0.05	< 0.05	0.0%
Sc	5534560	13.2	13.2	0.0%	5534582	5.2	5.1	1.9%	5534603	0.7	0.6	15.4%	5534612	8.7	8.7	0.0%
Se	5534560	1.9	1.9	0.0%	5534582	0.4	0.3	28.6%	5534603	< 0.2	< 0.2	0.0%	5534612	0.48	0.45	6.5%
Sn	5534560	0.4	0.4	0.0%	5534582	< 0.2	< 0.2	0.0%	5534603	< 0.2	< 0.2	0.0%	5534612	< 0.2	< 0.2	0.0%
Sr	5534560	4.66	4.29	8.3%	5534582	11.0	10.7	2.8%	5534603	2.8	2.8	0.0%	5534612	8.2	8.2	0.0%
Ta	5534560	< 0.01	< 0.01	0.0%	5534582	< 0.01	< 0.01	0.0%	5534603	< 0.01	< 0.01	0.0%	5534612	< 0.01	< 0.01	0.0%
Te	5534560	0.12	0.09	28.6%	5534582	0.06	0.04		5534603	0.03	0.02		5534612	0.07	0.06	15.4%
Th	5534560	0.5	0.5	0.0%	5534582	0.1	0.1	0.0%	5534603	0.2	0.2	0.0%	5534612	0.2	0.2	0.0%
Ti	5534560	0.158	0.158	0.0%	5534582	0.158	0.154	2.6%	5534603	0.0204	0.0205	0.5%	5534612	0.178	0.175	1.7%
Tl	5534560	0.02	0.02	0.0%	5534582	< 0.01	< 0.01	0.0%	5534603	< 0.01	< 0.01	0.0%	5534612	0.188	0.185	1.6%
U	5534560	0.05	0.05	0.0%	5534582	< 0.05	< 0.05	0.0%	5534603	< 0.05	< 0.05	0.0%	5534612	< 0.05	< 0.05	0.0%
V	5534560	112	108	3.6%	5534582	39.2	38.1	2.8%	5534603	3.97	3.94	0.8%	5534612	103	103	0.0%
W	5534560	0.08	0.08	0.0%	5534582	0.11	0.11	0.0%	5534603	0.05	< 0.05		5534612	0.076	0.072	5.4%
Y	5534560	7.66	7.68	0.3%	5534582	4.47	4.35	2.7%	5534603	0.34	0.33	3.0%	5534612	3.87	3.86	0.3%
Zn	5534560	66.9	66.4	0.8%	5534582	56.3	54.2	3.8%	5534603	1.7	1.3	26.7%	5534612	39.3	38.9	1.0%
Zr	5534560	1.64	1.67	1.8%	5534582	0.98	0.91	7.4%	5534603	0.5	0.5	0.0%	5534612	0.6	0.7	15.4%



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	181	101%	90% - 110%	184	171	93%	90% - 110%	184	176	96%	90% - 110%	184	170	92%	90% - 110%
Cu	3494	3283	94%	90% - 110%	3494	3505	100%	90% - 110%	3494	3717	106%	90% - 110%	3494	3576	102%	90% - 110%
Ni	2985	2640	88%	90% - 110%	2985	2782	93%	90% - 110%	2985	2904	97%	90% - 110%	2985	2784	93%	90% - 110%
CRM #5 (CFRM-100)																
Parameter	Expect	Actual	Recovery	Limits												
Co	184	171	93%	90% - 110%												
Cu	3494	3488	100%	90% - 110%												
Ni	2985	2813	94%	90% - 110%												

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B858537

PROJECT NO: Jordan Batch #1

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: Bob Middleton

PROJECT NO: BATCH #2 - REGULAR

AGAT WORK ORDER: 14B862648

DATE REPORTED: Jul 29, 2014

PAGES (INCLUDING COVER): 18

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5391010 (5563351)	0.68	0.06	1.24	0.9	0.008	<5	12	<0.05	0.05	0.71	0.02	4.62	25.3	61.4
E5391012 (5563352)	0.48	0.09	1.95	1.5	<0.005	<5	8	0.08	0.12	1.93	0.03	3.42	12.6	20.5
E5391013 (5563353)	0.46	0.93	2.43	11.4	0.057	<5	18	0.18	0.02	2.30	0.12	4.56	41.9	79.9
E5391014 (5563354)	0.80	0.46	2.48	8.9	0.014	<5	63	0.29	0.04	1.87	0.09	9.76	26.1	58.8
E5391017 (5563355)	0.46	0.07	0.06	0.7	<0.005	<5	2	<0.05	<0.01	0.30	<0.01	0.24	0.8	21.9
E5391019 (5563356)	0.50	0.46	2.40	3.4	0.106	<5	13	0.17	0.01	2.12	0.07	3.16	24.2	54.8
E5391020 (5563357)	0.50	2.42	1.23	58.6	0.386	<5	33	0.25	0.08	1.00	0.22	3.05	37.5	57.7
E5391021 (5563358)	0.72	0.41	0.73	1.7	0.005	<5	6	<0.05	0.09	1.06	0.06	4.72	28.1	38.0
E5391023 (5563359)	0.80	0.82	4.29	9.8	0.113	<5	63	0.18	<0.01	2.08	0.06	6.27	37.1	131
E5391024 (5563360)	0.68	0.10	0.07	3.7	0.005	<5	1	<0.05	0.01	0.83	0.01	0.49	0.9	12.9
E5391025 (5563361)	0.94	0.66	1.51	2.7	0.063	<5	10	0.13	0.04	1.93	0.13	2.49	32.3	66.9
E5391026 (5563362)	0.68	0.55	4.07	14.4	0.077	<5	57	0.23	<0.01	1.26	0.05	2.57	45.7	128
E5391027 (5563363)	0.52	1.22	2.08	4.3	1.36	<5	13	0.13	0.06	1.37	0.19	3.13	30.7	81.3
E5391028 (5563364)	0.64	0.28	3.62	2.3	0.014	<5	87	0.15	0.01	2.59	0.05	4.95	26.9	81.6
E5391029 (5563365)	0.54	0.28	0.28	8.8	0.058	<5	11	<0.05	0.01	0.23	0.02	1.67	5.3	20.0
E5391030 (5563366)	0.50	0.09	0.94	0.5	<0.005	<5	17	<0.05	0.02	0.99	0.02	3.47	15.1	32.7
E5391031 (5563367)	0.52	0.65	1.67	3.3	0.358	<5	13	0.31	0.13	1.28	0.21	30.1	17.0	70.1
E5391033 (5563368)	0.94	0.14	1.57	0.5	<0.005	<5	12	<0.05	0.06	1.66	0.03	5.39	18.6	28.1
E5391035 (5563369)	0.90	0.04	2.11	0.3	<0.005	<5	29	0.06	0.19	2.14	0.05	4.92	25.2	79.7
E5391036 (5563370)	0.74	0.06	0.92	0.6	<0.005	<5	22	0.20	0.18	0.49	0.22	89.9	3.5	4.7
E5391037 (5563371)	0.72	0.04	0.89	0.6	<0.005	<5	47	0.10	0.12	0.40	0.03	77.7	3.5	4.5
E5391038 (5563372)	0.52	0.03	1.50	0.5	<0.005	<5	6	<0.05	0.03	1.63	0.04	5.49	14.7	20.1
E5391039 (5563373)	1.04	0.03	1.75	0.5	<0.005	<5	8	0.06	0.04	1.45	0.07	5.41	14.9	51.1
E5391041 (5563374)	0.62	0.05	1.55	0.5	<0.005	<5	8	<0.05	0.01	1.65	0.05	3.49	11.3	13.0
E5391051 (5563375)	0.84	0.13	1.70	0.4	<0.005	<5	8	0.05	<0.01	1.45	0.09	3.67	34.6	31.5
E5391052 (5563376)	1.14	0.04	1.03	0.5	<0.005	<5	6	0.07	0.05	2.91	0.02	18.7	7.0	1.9
E5391053 (5563377)	0.58	0.20	2.69	0.8	0.026	<5	293	0.26	1.21	0.24	0.66	31.2	27.0	38.0
E5391054 (5563378)	0.66	0.08	0.32	0.4	<0.005	<5	7	<0.05	0.13	1.73	0.82	7.24	2.5	12.8
E5391055 (5563379)	0.66	0.16	0.69	0.6	<0.005	<5	5	<0.05	0.06	0.77	0.28	5.89	41.7	23.7
E5391056 (5563380)	0.76	0.07	0.60	0.5	<0.005	<5	40	<0.05	0.09	0.21	0.01	16.0	3.4	20.6
E5391057 (5563381)	1.00	0.09	2.68	0.4	<0.005	<5	6	<0.05	<0.01	0.94	0.04	4.69	45.5	70.4

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5387368 (5563382)	2.10	0.10	0.73	0.3	<0.005	<5	14	<0.05	0.06	0.84	0.06	3.62	23.6	203
E5387369 (5563383)	0.44	0.06	1.57	0.6	<0.005	<5	37	<0.05	0.05	1.43	0.04	3.86	9.3	42.9
E5387370 (5563384)	0.60	0.04	0.76	0.5	<0.005	<5	4	<0.05	0.12	1.05	0.03	3.55	4.9	60.5
E5387371 (5563385)	1.26	0.03	0.27	0.5	<0.005	<5	5	0.07	0.47	0.49	0.12	1.03	3.7	22.6
E5387372 (5563386)	0.40	0.02	0.25	0.5	<0.005	<5	3	<0.05	0.01	0.27	0.01	0.62	2.5	16.1
E5387373 (5563387)	0.56	0.01	0.41	0.4	<0.005	<5	2	<0.05	0.02	0.58	0.02	0.71	3.4	19.3
E5387374 (5563388)	0.88	0.06	0.74	0.9	<0.005	<5	6	<0.05	0.08	0.66	0.05	1.54	14.2	28.6
E5387375 (5563389)	1.90	0.04	0.99	0.5	<0.005	<5	43	<0.05	0.04	1.26	0.04	27.0	4.8	16.7
E5387376 (5563390)	2.16	1.21	1.05	11.8	0.127	<5	10	0.49	0.36	1.49	0.73	3.43	28.7	33.6
E5388510 (5563391)	0.36	0.12	0.34	0.6	0.010	<5	7	<0.05	0.03	0.47	0.02	0.60	2.0	15.9
E5388511 (5563392)	1.70	0.05	1.40	0.3	0.021	<5	11	<0.05	0.04	1.36	0.05	4.89	10.8	45.4
E5388512 (5563393)	2.14	0.08	2.13	0.4	<0.005	<5	175	<0.05	0.33	1.61	0.10	4.96	18.1	42.7
E5388513 (5563394)	3.66	0.06	0.79	0.1	<0.005	<5	5	<0.05	0.02	1.14	0.03	4.51	8.4	52.0
E5388514 (5563395)	1.20	0.23	1.53	0.5	0.005	<5	39	0.20	0.28	1.47	0.19	5.61	12.2	70.3
E5388515 (5563396)	0.80	0.14	1.04	0.5	<0.005	<5	8	0.13	0.07	1.29	0.05	4.25	11.0	22.9
E5388516 (5563397)	0.80	0.04	1.97	0.2	<0.005	<5	9	0.09	0.09	2.11	0.06	3.59	12.2	37.8
E5388517 (5563398)	2.18	0.22	2.16	0.4	0.089	<5	13	0.14	0.08	2.22	0.10	2.96	24.2	57.8
E5388518 (5563399)	0.64	2.63	0.65	2.2	0.154	<5	10	0.12	8.34	0.81	42.1	2.18	13.4	27.8
E5388519 (5563400)	1.02	0.33	1.10	1.3	0.413	<5	42	<0.05	0.20	0.55	0.39	30.4	5.4	20.6
E5388520 (5563401)	1.70	0.13	0.81	2.9	0.505	<5	6	0.09	0.12	1.35	0.12	2.93	15.8	26.2
E5388521 (5563402)	1.08	0.10	1.39	0.4	<0.005	<5	5	<0.05	0.01	1.24	0.05	3.52	12.1	47.2
E5388522 (5563403)	0.88	0.05	0.91	0.3	<0.005	<5	4	<0.05	0.01	1.18	0.03	5.83	7.3	16.7
E5388523 (5563404)	0.96	0.06	1.31	0.3	<0.005	<5	9	<0.05	0.22	0.69	0.02	1.78	13.7	91.9
E5388524 (5563405)	0.82	0.06	1.86	0.9	<0.005	<5	20	0.06	0.03	1.14	0.08	15.4	18.7	4.7
E5388525 (5563406)	1.48	0.03	0.89	0.2	<0.005	<5	26	<0.05	0.05	0.79	0.02	2.14	7.0	71.7
E5388526 (5563407)	1.14	0.02	0.88	0.2	<0.005	<5	3	0.06	<0.01	1.14	0.03	6.20	8.0	4.9
E5388527 (5563408)	1.36	0.06	1.98	0.8	<0.005	<5	49	0.06	0.02	1.21	0.10	16.1	19.0	7.3
E5388528 (5563409)	0.98	0.03	1.65	0.3	<0.005	<5	9	0.11	<0.01	1.24	0.04	4.19	15.4	26.1
E5388529 (5563410)	1.84	0.08	1.99	1.3	<0.005	<5	52	0.06	0.03	1.20	0.08	16.5	19.4	10.7
E5388530 (5563411)	1.38	0.07	1.53	0.4	<0.005	<5	7	<0.05	0.06	1.76	0.04	3.89	16.8	22.1
E5388531 (5563412)	1.24	0.15	2.46	0.3	<0.005	<5	4	0.05	<0.01	1.85	0.03	3.30	8.1	16.5

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5388532 (5563413)	0.70	0.06	0.74	1.1	<0.005	<5	2	<0.05	<0.01	0.82	0.03	3.06	6.5	21.5
E5388533 (5563414)	0.40	0.03	0.77	15.8	<0.005	<5	79	<0.05	0.02	0.14	0.03	14.0	3.2	9.6
E5388534 (5563415)	0.70	0.03	0.65	0.8	<0.005	<5	4	<0.05	0.03	1.39	0.07	2.68	7.8	13.3
E5388535 (5563416)	0.74	0.02	0.59	0.6	<0.005	<5	2	<0.05	<0.01	0.76	0.03	3.16	2.7	31.7
E5388536 (5563417)	1.82	0.04	1.07	0.2	<0.005	<5	8	<0.05	0.07	1.06	0.04	2.62	12.0	31.4
E5388537 (5563418)	1.94	0.07	1.37	0.3	0.010	<5	9	<0.05	0.29	1.52	0.06	4.39	13.1	42.2
E5388538 (5563419)	2.96	0.06	1.06	1.6	<0.005	<5	8	<0.05	0.04	0.96	0.04	3.74	8.5	25.0
E5388539 (5563420)	0.20	0.06	1.28	0.4	<0.005	<5	85	0.10	0.09	0.88	0.07	34.7	11.9	220

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm
E5391010 (5563351)		2.42	148	2.99	4.00	0.22	0.04	<0.01	0.016	0.08	1.7	8.9	0.97	218	0.43
E5391012 (5563352)		2.21	101	1.34	3.62	0.19	0.08	<0.01	0.006	0.02	1.5	5.3	0.32	262	1.98
E5391013 (5563353)		3.13	148	4.88	6.44	0.24	0.10	<0.01	0.020	0.46	1.8	10.6	1.06	720	0.64
E5391014 (5563354)		4.52	120	4.49	6.62	0.25	0.20	<0.01	0.015	0.58	4.2	12.3	0.98	609	1.23
E5391017 (5563355)		0.06	2.2	0.34	0.23	0.20	<0.02	<0.01	<0.005	<0.01	0.1	0.2	0.01	43	2.18
E5391019 (5563356)		0.84	59.5	3.33	5.34	0.23	0.11	<0.01	0.015	0.19	1.3	6.7	0.86	490	0.95
E5391020 (5563357)		0.55	83.6	4.15	3.09	0.23	0.12	<0.01	0.013	0.21	1.4	7.3	0.58	337	1.60
E5391021 (5563358)		0.64	430	2.75	2.36	0.23	0.10	<0.01	0.012	0.03	1.9	3.7	0.33	272	0.45
E5391023 (5563359)		5.73	151	7.34	11.4	0.27	0.04	<0.01	0.013	1.80	2.3	22.1	1.40	924	0.93
E5391024 (5563360)		0.06	3.4	0.29	0.23	0.20	<0.02	<0.01	<0.005	<0.01	0.2	0.2	<0.01	51	1.45
E5391025 (5563361)		1.49	152	4.22	3.80	0.23	0.08	<0.01	0.012	0.19	1.0	10.8	0.67	442	1.19
E5391026 (5563362)		8.35	106	7.92	9.89	0.32	0.09	<0.01	0.009	2.37	0.9	30.2	2.32	1500	0.77
E5391027 (5563363)		1.77	137	4.72	5.78	0.25	0.07	<0.01	0.020	0.33	1.3	10.3	0.75	467	1.43
E5391028 (5563364)		2.72	121	3.82	7.79	0.23	0.05	<0.01	0.015	0.79	2.1	13.3	1.23	599	0.59
E5391029 (5563365)		0.22	19.3	1.51	0.84	0.20	0.05	<0.01	<0.005	0.06	0.9	1.2	0.14	80	1.28
E5391030 (5563366)		0.32	206	2.51	2.36	0.23	0.07	<0.01	0.016	0.11	1.4	2.7	0.78	323	0.36
E5391031 (5563367)		1.20	83.8	3.13	6.57	0.24	0.15	<0.01	0.021	0.27	14.5	13.0	0.84	380	0.83
E5391033 (5563368)		0.30	171	3.02	4.19	0.24	0.08	<0.01	0.016	0.07	2.0	2.4	0.69	349	0.79
E5391035 (5563369)		0.60	108	3.85	5.49	0.22	0.06	<0.01	0.015	0.13	2.1	17.8	1.29	532	0.66
E5391036 (5563370)		0.59	60.8	2.29	5.47	0.28	0.31	<0.01	0.016	0.04	42.6	8.7	0.44	336	0.70
E5391037 (5563371)		0.96	39.6	2.23	5.24	0.27	0.34	<0.01	0.013	0.06	37.2	6.7	0.43	329	0.62
E5391038 (5563372)		0.19	127	2.51	2.89	0.20	0.07	<0.01	0.012	0.02	2.2	4.9	0.69	427	0.65
E5391039 (5563373)		0.34	77.4	2.85	3.93	0.22	0.05	<0.01	0.012	0.01	2.1	13.8	0.94	459	0.40
E5391041 (5563374)		0.31	133	2.17	3.15	0.21	0.07	<0.01	0.013	0.03	1.5	6.7	0.77	408	0.33
E5391051 (5563375)		0.37	452	4.40	4.37	0.23	0.07	<0.01	0.020	0.03	1.5	15.9	0.97	575	0.40
E5391052 (5563376)		0.20	2.3	3.20	5.09	0.24	0.11	<0.01	0.039	0.02	6.6	3.7	0.43	567	1.32
E5391053 (5563377)		3.96	239	6.40	11.8	0.31	0.26	<0.01	0.964	1.23	12.8	99.2	1.22	90	3.64
E5391054 (5563378)		1.32	74.9	4.38	2.19	0.26	0.03	<0.01	0.115	0.02	3.0	0.8	0.22	254	1.45
E5391055 (5563379)		0.30	574	3.17	1.62	0.23	0.06	<0.01	0.015	0.02	2.3	4.6	0.39	199	0.85
E5391056 (5563380)		0.90	25.5	1.65	2.52	0.22	0.09	<0.01	<0.005	0.19	6.8	7.5	0.38	163	0.97
E5391057 (5563381)		0.80	482	6.48	6.71	0.24	0.04	<0.01	0.014	0.07	1.9	45.1	2.33	474	0.53
E5387368 (5563382)		0.61	65.6	2.29	1.80	0.22	0.06	<0.01	0.009	0.05	1.9	4.3	0.77	154	0.34

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014	DATE RECEIVED: Jul 11, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	
E5387369 (5563383)	1.04	49.3	2.23	3.61	0.21	0.06	<0.01	0.012	0.04	1.6	7.3	0.90	355	0.51	
E5387370 (5563384)	0.70	23.5	1.04	1.57	0.21	0.03	<0.01	0.006	0.03	1.5	3.5	0.59	201	0.82	
E5387371 (5563385)	<0.05	44.2	0.83	0.76	0.21	0.03	<0.01	<0.005	0.02	0.5	0.7	0.18	89	16.1	
E5387372 (5563386)	0.51	16.8	0.89	0.80	0.18	0.02	<0.01	<0.005	0.01	0.3	1.3	0.15	88	1.43	
E5387373 (5563387)	0.21	3.1	1.17	1.37	0.19	0.02	<0.01	0.005	0.02	0.3	1.6	0.35	184	1.50	
E5387374 (5563388)	0.32	282	2.18	2.10	0.19	0.02	<0.01	0.007	0.02	0.5	5.0	0.44	321	1.49	
E5387375 (5563389)	0.43	2.4	1.94	3.85	0.21	0.15	<0.01	0.005	0.27	14.5	6.8	0.54	324	0.71	
E5387376 (5563390)	0.49	143	5.16	3.38	0.22	0.09	<0.01	0.009	0.09	1.5	5.5	0.27	287	0.42	
E5388510 (5563391)	0.14	25.2	0.85	1.22	0.19	<0.02	<0.01	<0.005	<0.01	0.3	0.8	0.13	92	1.28	
E5388511 (5563392)	1.04	66.2	2.14	3.17	0.20	0.05	<0.01	0.011	0.04	2.1	9.2	0.90	353	0.40	
E5388512 (5563393)	6.97	227	3.96	4.66	0.20	0.06	<0.01	0.014	0.46	2.1	30.0	1.39	570	0.56	
E5388513 (5563394)	0.49	51.9	1.84	2.24	0.21	0.06	<0.01	0.010	0.02	1.9	3.5	0.73	287	0.22	
E5388514 (5563395)	2.28	190	2.25	3.29	0.22	0.16	<0.01	0.009	0.32	2.4	11.9	0.99	348	4.72	
E5388515 (5563396)	1.46	163	1.63	2.69	0.20	0.07	<0.01	0.008	0.02	1.9	6.2	0.42	204	3.61	
E5388516 (5563397)	1.02	46.7	2.49	4.10	0.21	0.08	<0.01	0.012	0.03	1.5	58.1	0.58	442	0.43	
E5388517 (5563398)	2.60	75.8	3.16	5.15	0.25	0.08	<0.01	0.016	0.35	1.1	16.7	0.81	454	0.49	
E5388518 (5563399)	0.62	126	2.33	2.51	0.21	0.06	<0.01	0.033	0.06	1.0	6.3	0.33	229	4.57	
E5388519 (5563400)	2.26	24.6	1.93	4.03	0.21	0.17	<0.01	0.007	0.57	16.3	21.4	0.56	343	1.51	
E5388520 (5563401)	0.29	86.1	2.01	2.15	0.22	0.08	<0.01	0.007	0.11	1.2	5.9	0.45	264	0.61	
E5388521 (5563402)	0.74	235	2.42	3.41	0.21	0.07	<0.01	0.010	0.02	1.5	15.4	0.66	335	0.46	
E5388522 (5563403)	0.92	24.3	2.17	2.97	0.23	0.06	<0.01	0.014	0.03	2.3	5.7	0.70	325	0.24	
E5388523 (5563404)	3.73	35.5	1.66	2.63	0.18	0.02	<0.01	<0.005	0.05	0.9	13.7	1.41	218	0.39	
E5388524 (5563405)	3.73	233	5.42	8.38	0.23	0.32	<0.01	0.014	0.14	7.2	6.6	0.51	353	0.54	
E5388525 (5563406)	1.24	30.9	1.13	1.64	0.18	0.08	<0.01	<0.005	0.06	1.0	6.8	0.79	159	0.17	
E5388526 (5563407)	0.20	28.5	2.59	3.52	0.22	0.11	<0.01	0.021	0.02	2.2	2.6	0.59	376	0.25	
E5388527 (5563408)	2.87	209	5.20	7.86	0.22	0.28	<0.01	0.011	0.11	7.5	7.2	0.61	391	0.52	
E5388528 (5563409)	0.92	61.6	5.33	7.76	0.23	0.11	<0.01	0.011	0.03	1.8	10.7	0.76	355	0.38	
E5388529 (5563410)	3.17	225	5.57	7.89	0.22	0.29	<0.01	0.010	0.12	7.6	8.0	0.68	397	0.54	
E5388530 (5563411)	0.48	200	1.50	2.73	0.18	0.09	<0.01	0.008	0.02	1.6	3.6	0.23	236	0.37	
E5388531 (5563412)	0.66	96.1	1.19	3.40	0.17	0.03	<0.01	0.008	0.02	1.7	5.8	0.70	143	0.19	
E5388532 (5563413)	0.16	47.1	1.81	2.53	0.21	0.05	<0.01	0.012	0.02	1.3	3.0	0.63	209	0.23	
E5388533 (5563414)	1.82	6.4	1.50	3.87	0.18	0.16	<0.01	<0.005	0.35	6.0	5.4	0.34	211	0.38	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

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FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm
E5388534 (5563415)		0.20	69.7	1.13	1.81	0.20	0.08	<0.01	0.006	0.01	1.2	1.6	0.22	176	0.35
E5388535 (5563416)		0.19	26.7	0.58	1.10	0.20	0.05	<0.01	<0.005	<0.01	1.4	3.4	0.28	111	0.24
E5388536 (5563417)		0.70	81.9	2.04	2.41	0.21	0.05	<0.01	0.011	0.03	1.1	6.8	0.96	337	0.17
E5388537 (5563418)		1.05	87.9	2.54	3.17	0.19	0.06	<0.01	0.014	0.05	1.8	12.8	0.76	407	1.52
E5388538 (5563419)		0.58	49.1	2.16	2.89	0.20	0.04	<0.01	0.011	0.03	1.7	6.9	0.80	255	0.24
E5388539 (5563420)		2.52	20.1	2.12	5.24	0.25	0.21	<0.01	0.009	0.55	17.0	47.8	1.45	321	1.94

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5391010 (5563351)		0.13	0.13	74.9	363	0.3	3.9	0.001	0.328	<0.05	9.3	0.6	<0.2	2.0	<0.01
E5391012 (5563352)		0.16	0.37	36.5	354	0.8	2.3	0.001	0.174	<0.05	3.7	0.6	<0.2	45.9	<0.01
E5391013 (5563353)		0.11	0.17	87.9	394	3.1	30.4	0.003	0.994	0.06	11.2	1.0	0.2	19.9	<0.01
E5391014 (5563354)		0.07	0.24	49.3	327	4.3	34.6	0.002	1.00	<0.05	9.0	1.0	<0.2	29.0	<0.01
E5391017 (5563355)		<0.01	0.19	1.9	123	0.3	0.2	<0.001	0.007	<0.05	0.2	<0.2	<0.2	1.0	<0.01
E5391019 (5563356)		0.13	0.19	65.2	324	3.5	6.5	0.001	0.589	<0.05	7.7	0.5	0.2	40.4	<0.01
E5391020 (5563357)		0.02	0.22	65.0	188	8.3	10.0	0.002	2.89	0.26	6.7	0.7	0.2	19.9	<0.01
E5391021 (5563358)		0.11	0.43	69.6	343	0.7	1.5	<0.001	0.563	<0.05	8.6	1.4	<0.2	13.2	<0.01
E5391023 (5563359)		0.09	0.33	80.3	342	3.3	73.0	0.002	0.753	<0.05	17.0	1.0	0.3	24.5	<0.01
E5391024 (5563360)		<0.01	0.13	1.8	159	1.4	0.3	<0.001	0.012	<0.05	0.2	<0.2	<0.2	2.0	<0.01
E5391025 (5563361)		0.03	0.17	81.9	286	2.9	10.8	0.002	1.55	<0.05	6.5	1.1	<0.2	11.2	<0.01
E5391026 (5563362)		0.12	0.13	79.9	383	3.1	142	0.002	1.33	<0.05	7.5	0.7	<0.2	21.2	<0.01
E5391027 (5563363)		0.07	0.16	69.5	261	4.3	19.0	0.002	1.58	<0.05	9.1	1.5	0.3	18.9	<0.01
E5391028 (5563364)		0.14	0.16	79.0	371	2.8	37.7	0.001	0.289	<0.05	10.7	0.7	<0.2	66.5	<0.01
E5391029 (5563365)		<0.01	0.47	5.1	69	1.1	2.6	<0.001	0.171	<0.05	1.4	0.3	<0.2	3.1	<0.01
E5391030 (5563366)		0.13	0.18	38.4	345	0.3	4.2	0.001	0.222	<0.05	7.6	0.7	<0.2	6.1	<0.01
E5391031 (5563367)		0.01	0.36	48.5	460	7.7	15.6	0.001	1.99	<0.05	11.3	0.5	0.3	7.8	<0.01
E5391033 (5563368)		0.17	0.36	32.1	396	0.6	2.1	0.002	0.422	<0.05	7.7	0.7	0.2	17.7	<0.01
E5391035 (5563369)		0.07	0.18	34.7	322	0.7	5.4	<0.001	0.370	<0.05	9.8	0.7	<0.2	5.6	<0.01
E5391036 (5563370)		0.07	0.62	1.5	704	17.4	2.9	<0.001	0.438	<0.05	3.0	1.4	0.3	24.8	<0.01
E5391037 (5563371)		0.07	0.97	1.4	745	5.5	5.1	<0.001	0.221	<0.05	3.2	1.0	0.3	25.4	<0.01
E5391038 (5563372)		0.13	0.31	33.4	360	0.5	1.0	<0.001	0.104	<0.05	6.5	0.7	<0.2	20.4	<0.01
E5391039 (5563373)		0.09	0.22	33.6	310	0.6	1.3	<0.001	0.052	<0.05	6.5	0.4	<0.2	6.7	<0.01
E5391041 (5563374)		0.19	0.21	19.4	318	0.4	1.1	0.001	0.090	<0.05	7.5	0.4	<0.2	11.0	<0.01
E5391051 (5563375)		0.15	0.11	67.0	304	0.4	1.4	0.004	0.598	<0.05	9.7	1.9	<0.2	3.6	<0.01
E5391052 (5563376)		0.13	0.61	0.7	1430	0.4	1.1	0.001	0.044	<0.05	9.4	0.8	0.3	10.0	<0.01
E5391053 (5563377)		0.03	0.97	50.5	832	12.1	44.9	0.005	0.844	<0.05	12.1	3.6	13.3	6.5	<0.01
E5391054 (5563378)		0.01	0.14	4.8	280	2.4	1.7	0.002	0.872	<0.05	0.3	1.2	0.7	18.7	<0.01
E5391055 (5563379)		0.06	0.31	79.8	304	0.7	1.4	0.002	1.26	<0.05	5.5	2.8	0.2	8.8	<0.01
E5391056 (5563380)		0.05	0.62	5.3	387	0.7	10.3	<0.001	0.072	<0.05	2.1	0.5	<0.2	3.8	<0.01
E5391057 (5563381)		0.11	0.14	53.7	313	0.7	1.8	0.003	0.963	<0.05	10.7	2.0	<0.2	2.3	<0.01
E5387368 (5563382)		0.11	0.20	41.6	384	0.7	1.8	0.001	0.571	<0.05	5.0	1.1	<0.2	9.6	<0.01

Certified By: _____

Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5387369 (5563383)		0.16	0.30	18.7	244	0.7	5.0	<0.001	0.037	<0.05	7.6	0.4	<0.2	15.1	<0.01
E5387370 (5563384)		0.10	0.42	20.0	262	0.4	1.6	<0.001	0.014	<0.05	5.2	0.2	<0.2	8.5	<0.01
E5387371 (5563385)		0.01	0.51	7.0	93	0.4	0.3	0.003	0.051	<0.05	1.4	<0.2	0.2	5.0	<0.01
E5387372 (5563386)		0.03	0.44	2.9	147	0.5	1.2	<0.001	0.020	<0.05	1.6	<0.2	<0.2	3.4	<0.01
E5387373 (5563387)		0.06	0.31	6.3	42	0.2	0.9	<0.001	0.006	<0.05	4.0	<0.2	<0.2	2.8	<0.01
E5387374 (5563388)		0.09	0.28	29.0	90	0.6	1.4	<0.001	0.246	<0.05	3.2	1.0	<0.2	4.5	<0.01
E5387375 (5563389)		0.04	0.70	8.4	398	1.6	14.7	<0.001	0.058	<0.05	2.3	0.2	<0.2	10.5	<0.01
E5387376 (5563390)		0.02	0.35	76.6	337	121	4.6	0.001	2.10	<0.05	4.5	1.2	0.3	9.2	<0.01
E5388510 (5563391)		0.03	0.27	5.4	84	1.2	0.4	<0.001	0.029	<0.05	1.4	<0.2	<0.2	2.2	<0.01
E5388511 (5563392)		0.12	0.15	17.1	289	0.7	2.3	<0.001	0.031	<0.05	6.9	0.3	<0.2	12.8	<0.01
E5388512 (5563393)		0.11	0.23	32.4	302	1.3	41.6	<0.001	0.181	<0.05	8.6	0.9	<0.2	15.4	<0.01
E5388513 (5563394)		0.12	0.31	18.0	357	0.6	0.8	<0.001	0.045	<0.05	5.9	0.5	<0.2	9.7	<0.01
E5388514 (5563395)		0.11	0.24	19.1	224	1.1	15.6	0.002	0.101	<0.05	6.3	0.4	<0.2	15.5	<0.01
E5388515 (5563396)		0.10	0.40	31.1	342	0.5	3.1	0.004	0.085	<0.05	4.5	0.5	<0.2	29.2	<0.01
E5388516 (5563397)		0.14	0.19	31.8	397	0.4	2.2	<0.001	0.058	<0.05	6.1	0.4	0.2	18.4	<0.01
E5388517 (5563398)		0.12	0.20	71.0	325	7.7	20.1	<0.001	0.379	<0.05	9.1	0.6	<0.2	40.9	<0.01
E5388518 (5563399)		0.05	0.33	38.1	236	502	2.6	0.002	0.874	<0.05	3.6	2.7	0.7	12.9	<0.01
E5388519 (5563400)		0.06	0.42	10.8	405	21.1	31.9	<0.001	0.119	<0.05	2.9	0.4	0.3	15.9	<0.01
E5388520 (5563401)		0.05	0.25	45.6	233	13.3	2.8	<0.001	0.291	<0.05	5.5	0.4	0.2	7.5	<0.01
E5388521 (5563402)		0.12	0.25	17.0	336	1.1	3.2	0.001	0.195	<0.05	6.8	0.8	<0.2	10.4	<0.01
E5388522 (5563403)		0.12	0.32	7.1	365	0.7	1.7	<0.001	0.018	<0.05	7.3	0.3	<0.2	3.0	<0.01
E5388523 (5563404)		0.10	<0.05	53.3	202	0.5	3.7	<0.001	0.012	<0.05	2.8	<0.2	<0.2	11.3	<0.01
E5388524 (5563405)		0.21	0.63	17.0	481	2.2	10.8	0.002	0.096	0.10	3.8	0.8	0.4	24.4	<0.01
E5388525 (5563406)		0.12	0.15	28.9	121	0.8	2.6	<0.001	0.013	<0.05	3.0	<0.2	<0.2	23.4	<0.01
E5388526 (5563407)		0.16	0.26	6.9	659	0.3	1.0	<0.001	0.022	<0.05	8.8	0.4	0.2	3.3	<0.01
E5388527 (5563408)		0.20	0.46	20.1	566	2.0	12.1	0.001	0.094	0.09	3.7	0.8	0.4	22.4	<0.01
E5388528 (5563409)		0.15	0.15	15.7	561	0.6	2.9	<0.001	0.017	<0.05	4.5	0.3	0.3	12.0	<0.01
E5388529 (5563410)		0.22	0.44	20.4	603	3.6	6.5	0.002	0.126	0.07	3.7	0.9	0.5	22.8	<0.01
E5388530 (5563411)		0.21	0.53	60.0	392	0.4	0.7	<0.001	0.239	<0.05	4.4	0.8	<0.2	29.8	<0.01
E5388531 (5563412)		0.25	0.09	50.8	259	2.5	1.3	<0.001	0.037	<0.05	3.1	0.3	<0.2	41.2	<0.01
E5388532 (5563413)		0.11	0.16	20.7	349	0.7	0.4	<0.001	0.014	<0.05	5.9	0.3	<0.2	4.7	<0.01
E5388533 (5563414)		0.04	0.92	5.1	277	2.7	26.5	<0.001	0.005	0.09	2.5	<0.2	0.2	6.1	<0.01

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5388534 (5563415)	0.07	0.60	33.8	330	0.7	0.6	<0.001	0.081	0.06	3.4	0.4	<0.2	14.8	<0.01
E5388535 (5563416)	0.03	0.41	8.9	137	0.5	0.5	<0.001	0.007	<0.05	1.9	0.2	<0.2	16.4	<0.01
E5388536 (5563417)	0.14	0.10	21.1	289	0.4	2.4	<0.001	0.022	<0.05	8.2	0.3	<0.2	5.0	<0.01
E5388537 (5563418)	0.15	0.24	40.5	357	1.6	3.4	<0.001	0.085	<0.05	7.6	0.6	<0.2	12.9	<0.01
E5388538 (5563419)	0.09	0.15	25.2	306	1.0	2.3	<0.001	0.038	<0.05	5.6	0.3	<0.2	3.8	<0.01
E5388539 (5563420)	0.07	0.21	63.5	913	4.1	31.0	<0.001	0.014	<0.05	4.4	0.3	0.3	24.0	<0.01

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648
PROJECT NO: BATCH #2 - REGULAR

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014	DATE RECEIVED: Jul 11, 2014					DATE REPORTED: Jul 28, 2014					SAMPLE TYPE: Rock
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001
E5391010 (5563351)	0.11	0.3	0.099	0.05	0.06	101	0.12	5.87	26.2	0.7	
E5391012 (5563352)	0.04	0.1	0.166	0.02	<0.05	39.0	0.14	5.80	13.1	1.2	
E5391013 (5563353)	0.08	0.3	0.250	0.23	<0.05	142	2.82	7.82	32.7	1.4	
E5391014 (5563354)	0.09	1.7	0.240	0.22	0.97	117	5.17	8.94	44.8	3.2	
E5391017 (5563355)	0.03	<0.1	<0.005	<0.01	<0.05	1.9	0.27	0.30	<0.5	<0.5	
E5391019 (5563356)	0.11	0.2	0.176	0.07	0.08	83.6	16.7	6.56	32.8	1.1	
E5391020 (5563357)	0.12	0.4	0.174	0.10	0.18	91.4	11.8	5.47	65.3	1.4	
E5391021 (5563358)	0.12	0.2	0.200	0.03	<0.05	76.7	0.86	5.04	19.5	1.5	
E5391023 (5563359)	0.06	0.3	0.488	0.50	<0.05	271	2.13	8.06	81.7	1.1	
E5391024 (5563360)	0.02	<0.1	<0.005	<0.01	<0.05	1.9	0.21	0.59	0.6	<0.5	
E5391025 (5563361)	0.11	0.2	0.182	0.08	<0.05	95.6	7.22	4.83	40.0	1.0	
E5391026 (5563362)	0.04	0.2	0.459	0.85	<0.05	212	19.6	5.22	76.7	0.7	
E5391027 (5563363)	0.17	0.2	0.190	0.14	<0.05	118	3.95	5.24	57.2	1.0	
E5391028 (5563364)	0.07	0.3	0.277	0.24	<0.05	141	1.28	6.06	40.0	0.6	
E5391029 (5563365)	0.05	0.2	0.047	0.02	0.05	16.0	0.59	0.73	6.3	<0.5	
E5391030 (5563366)	0.04	0.4	0.099	0.04	<0.05	73.8	0.09	3.61	19.0	0.6	
E5391031 (5563367)	0.04	3.7	0.144	0.11	0.39	101	11.9	3.58	62.7	2.3	
E5391033 (5563368)	0.08	0.5	0.181	0.02	<0.05	77.9	0.61	7.37	18.7	1.1	
E5391035 (5563369)	0.08	0.4	0.229	0.03	<0.05	122	0.46	5.51	33.5	0.9	
E5391036 (5563370)	0.04	8.0	0.079	0.03	1.31	27.2	0.15	12.0	86.2	8.6	
E5391037 (5563371)	0.02	8.7	0.096	0.05	1.25	25.7	0.17	9.48	30.6	10.9	
E5391038 (5563372)	0.04	1.0	0.112	<0.01	<0.05	62.1	0.15	3.95	29.1	1.6	
E5391039 (5563373)	0.03	0.4	0.133	0.01	<0.05	79.2	0.12	4.49	28.7	1.2	
E5391041 (5563374)	0.02	0.3	0.175	0.02	<0.05	71.0	0.06	6.34	23.8	0.8	
E5391051 (5563375)	0.04	0.3	0.109	0.03	0.05	99.5	<0.05	4.69	44.0	1.2	
E5391052 (5563376)	0.01	0.7	0.145	<0.01	0.07	20.6	0.24	20.0	30.5	1.7	
E5391053 (5563377)	0.79	3.0	0.213	0.53	0.39	94.4	0.34	6.37	350	7.6	
E5391054 (5563378)	0.31	0.3	0.007	0.03	<0.05	14.9	0.09	1.96	282	0.9	
E5391055 (5563379)	0.24	0.3	0.130	0.03	<0.05	55.7	0.26	3.95	82.3	1.1	
E5391056 (5563380)	0.09	1.8	0.101	0.05	0.28	31.8	0.19	1.63	19.6	2.4	
E5391057 (5563381)	0.07	0.6	0.166	0.04	<0.05	118	0.06	3.95	66.9	0.8	
E5387368 (5563382)	0.23	0.3	0.091	0.02	<0.05	44.2	0.14	2.44	27.2	1.1	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001
E5387369 (5563383)	0.10	0.2	0.129	0.03	<0.05	67.5	0.09	5.01	19.3	0.8	
E5387370 (5563384)	0.04	0.2	0.132	<0.01	<0.05	34.8	0.09	4.18	7.6	0.6	
E5387371 (5563385)	0.03	<0.1	0.045	<0.01	<0.05	16.3	0.20	0.98	17.3	0.6	
E5387372 (5563386)	0.02	<0.1	0.082	<0.01	<0.05	15.3	0.05	0.82	5.5	<0.5	
E5387373 (5563387)	<0.01	<0.1	0.083	<0.01	<0.05	34.2	0.06	1.72	8.4	<0.5	
E5387374 (5563388)	0.13	0.2	0.069	0.01	<0.05	29.3	0.06	2.13	17.9	0.5	
E5387375 (5563389)	0.07	2.2	0.097	0.11	0.24	23.7	0.14	3.22	43.5	5.4	
E5387376 (5563390)	0.21	0.5	0.126	0.04	<0.05	64.3	2.63	4.17	89.3	1.6	
E5388510 (5563391)	0.07	<0.1	0.038	<0.01	<0.05	13.2	0.19	0.93	5.6	<0.5	
E5388511 (5563392)	0.05	0.2	0.113	0.01	<0.05	64.5	0.14	3.97	23.8	0.8	
E5388512 (5563393)	0.15	0.3	0.283	0.25	<0.05	103	0.15	5.05	39.7	0.8	
E5388513 (5563394)	0.09	0.4	0.148	<0.01	<0.05	50.2	0.11	4.53	15.1	0.8	
E5388514 (5563395)	0.06	0.5	0.165	0.10	0.21	62.8	0.23	4.14	26.8	3.4	
E5388515 (5563396)	0.06	0.2	0.189	0.03	<0.05	44.8	0.21	5.19	15.7	1.3	
E5388516 (5563397)	0.03	0.2	0.190	0.02	<0.05	80.2	0.13	6.79	32.3	2.0	
E5388517 (5563398)	0.07	0.2	0.192	0.17	<0.05	95.1	1.26	6.80	41.3	1.3	
E5388518 (5563399)	1.21	0.1	0.086	0.04	<0.05	44.9	0.56	2.49	3210	1.0	
E5388519 (5563400)	0.25	2.5	0.112	0.22	0.35	27.3	0.55	2.89	85.4	5.2	
E5388520 (5563401)	0.12	0.4	0.136	0.03	<0.05	59.8	0.63	3.88	19.1	1.6	
E5388521 (5563402)	0.05	0.2	0.148	0.02	<0.05	69.5	0.06	4.48	18.9	1.0	
E5388522 (5563403)	0.03	0.4	0.125	<0.01	0.06	67.4	0.07	5.18	19.4	0.9	
E5388523 (5563404)	0.02	0.2	0.048	0.02	<0.05	32.7	<0.05	1.23	16.5	<0.5	
E5388524 (5563405)	0.02	1.8	0.310	0.09	0.23	271	0.07	12.5	49.0	9.1	
E5388525 (5563406)	0.05	0.3	0.049	0.02	<0.05	24.5	0.07	1.15	8.2	1.2	
E5388526 (5563407)	0.02	0.6	0.108	<0.01	0.05	91.2	<0.05	7.47	25.2	1.3	
E5388527 (5563408)	0.01	1.9	0.234	0.05	0.26	200	0.07	13.0	59.7	9.2	
E5388528 (5563409)	<0.01	0.4	0.238	0.02	<0.05	217	<0.05	5.18	51.3	2.9	
E5388529 (5563410)	<0.01	1.9	0.280	0.04	0.25	207	0.08	13.3	55.3	9.7	
E5388530 (5563411)	0.10	0.2	0.208	0.02	<0.05	48.9	0.13	6.69	17.5	1.2	
E5388531 (5563412)	0.04	0.2	0.054	0.01	<0.05	31.1	<0.05	1.93	12.9	<0.5	
E5388532 (5563413)	0.03	0.3	0.084	<0.01	<0.05	56.7	0.14	3.21	15.7	0.8	
E5388533 (5563414)	0.01	1.6	0.101	0.19	0.17	21.3	0.58	1.69	27.5	6.8	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 11, 2014

DATE RECEIVED: Jul 11, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001
E5388534 (5563415)	0.02	0.3	0.184	<0.01	<0.05	36.7	0.14	4.19	18.0	1.4	
E5388535 (5563416)	0.01	0.2	0.146	<0.01	<0.05	20.4	0.06	4.24	4.0	0.8	
E5388536 (5563417)	0.02	0.3	0.083	0.01	<0.05	62.1	0.05	3.13	23.7	0.8	
E5388537 (5563418)	0.05	0.3	0.160	0.03	<0.05	67.1	0.13	5.01	30.0	0.9	
E5388538 (5563419)	0.03	0.2	0.105	0.01	<0.05	62.1	0.12	3.48	19.3	0.7	
E5388539 (5563420)	<0.01	3.4	0.196	0.17	0.44	60.9	0.05	4.42	37.4	6.8	

Comments: RDL - Reported Detection Limit

Certified By: _____



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	5563351	0.062	0.080	25.4%	5563369	0.04	0.05	22.2%	5563392	0.05	0.05	0.0%	5563401	0.13	0.13	0.0%
Al	5563351	1.24	1.17	5.8%	5563369	2.11	2.09	1.0%	5563392	1.40	1.46	4.2%	5563401	0.81	0.77	5.1%
As	5563351	0.9	1.0	10.5%	5563369	0.3	0.3	0.0%	5563392	0.3	0.3	0.0%	5563401	2.9	2.9	0.0%
Au	5563351	0.008	< 0.005		5563369	< 0.005	< 0.005	0.0%	5563392	0.021	0.021	0.0%	5563401	0.505	0.567	11.6%
B	5563351	< 5	< 5	0.0%	5563369	< 5	< 5	0.0%	5563392	< 5	< 5	0.0%	5563401	< 5	< 5	0.0%
Ba	5563351	12	12	0.0%	5563369	29	27	7.1%	5563392	11	11	0.0%	5563401	6	5	18.2%
Be	5563351	< 0.05	< 0.05	0.0%	5563369	0.055	0.054	1.8%	5563392	< 0.05	< 0.05	0.0%	5563401	0.089	0.081	9.4%
Bi	5563351	0.048	0.041	15.7%	5563369	0.19	0.18	5.4%	5563392	0.04	0.04	0.0%	5563401	0.12	0.11	8.7%
Ca	5563351	0.713	0.673	5.8%	5563369	2.14	2.10	1.9%	5563392	1.36	1.46	7.1%	5563401	1.35	1.28	5.3%
Cd	5563351	0.02	0.02	0.0%	5563369	0.05	0.05	0.0%	5563392	0.05	0.05	0.0%	5563401	0.117	0.101	14.7%
Ce	5563351	4.62	4.49	2.9%	5563369	4.92	4.75	3.5%	5563392	4.89	5.29	7.9%	5563401	2.93	2.62	11.2%
Co	5563351	25.3	25.6	1.2%	5563369	25.2	24.0	4.9%	5563392	10.8	11.3	4.5%	5563401	15.8	15.1	4.5%
Cr	5563351	61.4	57.4	6.7%	5563369	79.7	76.2	4.5%	5563392	45.4	48.8	7.2%	5563401	26.2	24.7	5.9%
Cs	5563351	2.42	2.32	4.2%	5563369	0.597	0.579	3.1%	5563392	1.04	1.05	1.0%	5563401	0.29	0.27	7.1%
Cu	5563351	148	135	9.2%	5563369	108	109	0.9%	5563392	66.2	67.4	1.8%	5563401	86.1	83.6	2.9%
Fe	5563351	2.99	2.82	5.9%	5563369	3.85	3.84	0.3%	5563392	2.14	2.24	4.6%	5563401	2.01	1.95	3.0%
Ga	5563351	4.00	4.10	2.5%	5563369	5.49	4.92	11.0%	5563392	3.17	3.29	3.7%	5563401	2.15	2.00	7.2%
Ge	5563351	0.22	0.22	0.0%	5563369	0.223	0.225	0.9%	5563392	0.204	0.206	1.0%	5563401	0.218	0.213	2.3%
Hf	5563351	0.04	0.04	0.0%	5563369	0.06	0.06	0.0%	5563392	0.05	0.05	0.0%	5563401	0.08	0.08	0.0%
Hg	5563351	< 0.01	< 0.01	0.0%	5563369	< 0.01	< 0.01	0.0%	5563392	< 0.01	< 0.01	0.0%	5563401	< 0.01	< 0.01	0.0%
In	5563351	0.0156	0.0153	1.9%	5563369	0.0152	0.0142	6.8%	5563392	0.011	0.011	0.0%	5563401	0.007	0.007	0.0%
K	5563351	0.077	0.073	5.3%	5563369	0.13	0.13	0.0%	5563392	0.04	0.04	0.0%	5563401	0.11	0.11	0.0%
La	5563351	1.65	1.59	3.7%	5563369	2.1	2.1	0.0%	5563392	2.1	2.1	0.0%	5563401	1.16	1.02	12.8%
Li	5563351	8.9	8.7	2.3%	5563369	17.8	16.7	6.4%	5563392	9.22	9.30	0.9%	5563401	5.9	5.6	5.2%
Mg	5563351	0.97	0.92	5.3%	5563369	1.29	1.28	0.8%	5563392	0.90	0.94	4.3%	5563401	0.449	0.430	4.3%
Mn	5563351	218	201	8.1%	5563369	532	508	4.6%	5563392	353	379	7.1%	5563401	264	248	6.3%
Mo	5563351	0.43	0.42	2.4%	5563369	0.656	0.598	9.3%	5563392	0.40	0.37	7.8%	5563401	0.611	0.635	3.9%
Na	5563351	0.13	0.12	8.0%	5563369	0.07	0.07	0.0%	5563392	0.125	0.134	6.9%	5563401	0.05	0.05	0.0%
Nb	5563351	0.128	0.124	3.2%	5563369	0.177	0.132	29.1%	5563392	0.15	0.15	0.0%	5563401	0.25	0.23	8.3%
Ni	5563351	74.9	68.5	8.9%	5563369	34.7	32.9	5.3%	5563392	17.1	17.8	4.0%	5563401	45.6	43.6	4.5%
P	5563351	363	369	1.6%	5563369	322	280	14.0%	5563392	289	312	7.7%	5563401	233	265	12.9%



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

Pb	5563351	0.3	0.3	0.0%	5563369	0.7	0.7	0.0%	5563392	0.7	0.7	0.0%	5563401	13.3	12.7	4.6%
Rb	5563351	3.9	3.9	0.0%	5563369	5.40	4.91	9.5%	5563392	2.35	2.42	2.9%	5563401	2.76	2.53	8.7%
Re	5563351	0.001	0.001	0.0%	5563369	< 0.001	< 0.001	0.0%	5563392	< 0.001	< 0.001	0.0%	5563401	< 0.001	< 0.001	0.0%
S	5563351	0.328	0.298	9.6%	5563369	0.370	0.377	1.9%	5563392	0.031	0.031	0.0%	5563401	0.291	0.286	1.7%
Sb	5563351	< 0.05	< 0.05	0.0%	5563369	< 0.05	< 0.05	0.0%	5563392	< 0.05	< 0.05	0.0%	5563401	< 0.05	< 0.05	0.0%
Sc	5563351	9.3	8.9	4.4%	5563369	9.76	9.19	6.0%	5563392	6.9	7.5	8.3%	5563401	5.46	5.02	8.4%
Se	5563351	0.62	0.65	4.7%	5563369	0.70	0.62	12.1%	5563392	0.3	0.3	0.0%	5563401	0.4	0.4	0.0%
Sn	5563351	< 0.2	< 0.2	0.0%	5563369	< 0.2	< 0.2	0.0%	5563392	< 0.2	< 0.2	0.0%	5563401	0.2	0.2	0.0%
Sr	5563351	2.0	1.9	5.1%	5563369	5.6	5.0	11.3%	5563392	12.8	13.2	3.1%	5563401	7.47	6.84	8.8%
Ta	5563351	< 0.01	< 0.01	0.0%	5563369	< 0.01	< 0.01	0.0%	5563392	< 0.01	< 0.01	0.0%	5563401	< 0.01	< 0.01	0.0%
Te	5563351	0.109	0.083	27.1%	5563369	0.08	0.07	13.3%	5563392	0.05	0.05	0.0%	5563401	0.12	0.08	
Th	5563351	0.3	0.3	0.0%	5563369	0.39	0.33	16.7%	5563392	0.2	0.2	0.0%	5563401	0.4	0.2	
Ti	5563351	0.099	0.094	5.2%	5563369	0.229	0.225	1.8%	5563392	0.113	0.121	6.8%	5563401	0.136	0.128	6.1%
Tl	5563351	0.045	0.045	0.0%	5563369	0.03	0.03	0.0%	5563392	0.01	0.01	0.0%	5563401	0.03	0.03	0.0%
U	5563351	0.056	0.054	3.6%	5563369	< 0.05	< 0.05	0.0%	5563392	< 0.05	< 0.05	0.0%	5563401	< 0.05	< 0.05	0.0%
V	5563351	101	94.6	6.5%	5563369	122	115	5.9%	5563392	64.5	70.3	8.6%	5563401	59.8	55.6	7.3%
W	5563351	0.115	0.106	8.1%	5563369	0.457	0.432	5.6%	5563392	0.136	0.124	9.2%	5563401	0.63	0.60	4.9%
Y	5563351	5.87	5.83	0.7%	5563369	5.51	5.04	8.9%	5563392	3.97	4.19	5.4%	5563401	3.88	3.64	6.4%
Zn	5563351	26.2	24.5	6.7%	5563369	33.5	33.5	0.0%	5563392	23.8	25.4	6.5%	5563401	19.1	17.2	10.5%
Zr	5563351	0.7	0.7	0.0%	5563369	0.86	0.82	4.8%	5563392	0.79	0.88	10.8%	5563401	1.6	1.4	13.3%



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	166	92%	90% - 110%	180	164	91%	90% - 110%	180	165	91%	90% - 110%	180	163	90%	90% - 110%
Cu	3494	3549	102%	90% - 110%	3494	3534	101%	90% - 110%	3494	3639	104%	90% - 110%	3494	3556	102%	90% - 110%
Ni	2985	2690	90%	90% - 110%	2985	2692	90%	90% - 110%	2985	2718	91%	90% - 110%	2985	2750	92%	90% - 110%
CRM #5 (ref.CFRM-100)																
Parameter	Expect	Actual	Recovery	Limits												
Co	180	162	90%	90% - 110%												
Cu	3494	3660	105%	90% - 110%												
Ni	2985	2768	93%	90% - 110%												

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT NO: BATCH #2 - REGULAR

AGAT WORK ORDER: 14B862648
 ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B862648

PROJECT NO: BATCH #2 - REGULAR

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: Bob Middleton

PROJECT NO: BATCH # 2 RUSH

AGAT WORK ORDER: 14T863069

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jul 15, 2014

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Jul 15, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5391011 (5568620)	0.88	0.50	2.21	98.5	0.368	<5	28	0.23	0.09	1.04	0.12	33.7	6.0	76.9
E5391015 (5568621)	0.83	0.38	1.38	132	0.077	<5	9	0.54	0.01	1.00	0.21	36.8	8.3	44.2
E5391016 (5568622)	0.58	0.53	3.97	4.7	0.158	<5	33	0.18	0.02	2.35	0.07	4.79	39.9	128
E5391018 (5568623)	0.55	0.55	1.77	95.9	0.260	<5	12	0.52	0.02	1.14	0.23	43.4	9.5	47.9
E5391022 (5568624)	0.50	0.51	2.57	4.1	0.205	<5	37	0.22	0.03	1.67	0.12	4.09	32.9	113
E5391032 (5568625)	0.47	3.56	1.85	24.5	2.83	<5	30	0.26	0.08	1.96	0.15	4.72	37.7	126
E5391034 (5568626)	0.54	1.04	2.79	77.1	0.099	<5	10	0.40	0.04	1.37	0.25	37.8	8.0	56.6
E5391040 (5568627)	0.56	0.21	1.30	1.7	<0.005	<5	15	0.09	0.84	1.08	0.07	5.51	32.0	27.3
E5391042 (5568628)	0.38	0.14	0.76	3.0	0.018	<5	2	<0.05	2.41	0.85	0.24	2.14	9.7	58.1
E5391043 (5568629)	0.78	0.10	1.50	1.0	0.007	<5	18	0.12	0.12	2.20	0.05	11.3	21.3	59.0
E5391044 (5568630)	0.46	0.06	1.75	0.8	<0.005	<5	119	0.09	0.03	1.51	0.11	56.1	11.4	51.9
E5391045 (5568631)	0.80	0.02	0.92	0.6	<0.005	<5	3	<0.05	<0.01	0.82	0.02	5.02	10.4	45.0
E5391046 (5568632)	0.66	0.02	0.65	0.6	<0.005	<5	6	<0.05	0.01	0.97	0.02	4.82	6.8	58.4
E5391047 (5568633)	0.74	0.05	1.04	1.1	0.006	<5	13	0.14	0.07	1.25	0.07	12.8	18.8	52.4
E5391048 (5568634)	0.66	0.09	1.49	0.9	<0.005	<5	14	0.08	0.10	1.82	0.09	10.5	22.2	100
E5391049 (5568635)	0.65	0.07	1.75	0.9	<0.005	<5	54	0.08	0.03	1.39	0.12	58.2	11.4	39.2
E5391050 (5568636)	0.75	0.03	1.24	0.7	<0.005	<5	6	<0.05	<0.01	0.87	0.02	5.39	11.7	58.9

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Jul 15, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5391011 (5568620)	1.86	23.3	2.30	7.76	0.24	0.20	<0.01	0.016	0.54	14.6	14.5	0.75	422	1.02
E5391015 (5568621)	1.53	22.5	2.33	4.30	0.26	0.07	<0.01	0.006	0.25	17.3	9.0	0.60	303	0.63
E5391016 (5568622)	4.84	172	5.39	10.4	0.30	0.11	<0.01	0.017	1.04	1.8	16.8	1.26	516	0.30
E5391018 (5568623)	1.66	42.5	2.14	5.21	0.28	0.08	<0.01	<0.005	0.34	20.4	9.4	0.75	339	0.43
E5391022 (5568624)	4.61	206	5.34	6.80	0.28	0.08	<0.01	0.017	0.62	1.6	24.5	1.49	503	0.33
E5391032 (5568625)	1.28	117	5.70	5.18	0.27	0.11	<0.01	0.013	0.23	2.0	13.9	0.68	308	0.62
E5391034 (5568626)	1.84	31.3	2.36	6.71	0.24	0.22	<0.01	<0.005	0.68	17.5	7.4	0.79	402	0.45
E5391040 (5568627)	0.74	251	3.75	4.50	0.28	0.08	<0.01	0.018	0.06	2.1	11.5	1.05	358	6.44
E5391042 (5568628)	0.22	216	1.20	1.64	0.22	0.04	<0.01	0.006	0.03	0.9	5.7	0.26	138	1.54
E5391043 (5568629)	0.45	128	2.31	4.13	0.24	0.08	<0.01	0.012	0.10	5.7	13.5	1.09	305	0.45
E5391044 (5568630)	2.12	42.3	3.16	7.59	0.27	0.11	<0.01	0.016	0.67	27.0	33.4	1.33	532	0.26
E5391045 (5568631)	0.50	35.6	2.08	2.96	0.24	0.07	<0.01	0.013	0.02	2.1	8.1	0.80	261	0.19
E5391046 (5568632)	0.19	14.5	1.41	2.31	0.24	0.05	<0.01	0.011	0.02	1.9	1.5	0.59	233	0.17
E5391047 (5568633)	0.15	118	2.48	3.78	0.25	0.08	<0.01	0.016	0.12	6.3	7.5	0.97	382	0.21
E5391048 (5568634)	0.67	136	3.13	4.84	0.27	0.09	<0.01	0.016	0.10	5.8	12.5	1.06	457	0.20
E5391049 (5568635)	1.83	18.7	3.10	8.22	0.28	0.10	<0.01	0.018	0.89	28.0	19.1	1.29	524	0.28
E5391050 (5568636)	0.67	41.1	2.63	3.62	0.25	0.06	<0.01	0.014	0.04	2.2	18.0	1.07	312	0.10

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Jul 15, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5391011 (5568620)		0.16	0.46	16.6	598	12.9	30.1	<0.001	0.251	0.09	5.6	0.4	0.3	19.3	0.01
E5391015 (5568621)		0.02	0.59	24.7	548	8.1	14.7	<0.001	1.33	0.15	2.9	0.3	<0.2	7.4	0.01
E5391016 (5568622)		0.17	0.17	101	425	4.6	60.4	0.002	1.45	<0.05	12.6	1.1	0.2	63.9	0.01
E5391018 (5568623)		0.06	0.59	28.0	542	10.8	19.3	<0.001	0.792	0.22	3.1	0.4	<0.2	11.6	0.01
E5391022 (5568624)		0.05	0.17	87.4	433	3.9	29.5	0.003	1.37	<0.05	10.1	0.8	<0.2	21.6	<0.01
E5391032 (5568625)		0.02	0.20	88.5	459	5.8	15.6	0.003	3.36	0.06	9.6	1.3	<0.2	16.9	<0.01
E5391034 (5568626)		0.20	0.46	24.5	578	7.4	32.5	<0.001	0.667	0.29	2.6	0.2	<0.2	22.0	0.01
E5391040 (5568627)		0.13	0.15	49.8	443	2.0	5.2	0.006	1.08	<0.05	10.7	1.2	<0.2	10.3	<0.01
E5391042 (5568628)		0.01	0.15	11.8	72	0.6	1.5	<0.001	0.127	<0.05	3.0	0.4	<0.2	3.2	<0.01
E5391043 (5568629)		0.06	0.16	31.9	411	1.5	3.4	0.001	0.349	<0.05	7.3	0.6	<0.2	18.8	<0.01
E5391044 (5568630)		0.06	0.57	22.3	801	1.8	30.5	<0.001	0.130	<0.05	6.8	0.3	0.3	24.2	0.01
E5391045 (5568631)		0.14	0.15	15.8	456	0.4	1.0	<0.001	0.056	<0.05	8.4	0.3	<0.2	8.7	<0.01
E5391046 (5568632)		0.11	0.33	11.7	301	0.3	0.6	<0.001	0.016	<0.05	6.0	<0.2	<0.2	8.2	<0.01
E5391047 (5568633)		0.12	0.14	19.5	456	1.6	1.9	<0.001	0.171	<0.05	8.4	0.5	<0.2	11.6	<0.01
E5391048 (5568634)		0.12	0.22	29.3	1080	0.9	3.8	<0.001	0.374	<0.05	10.1	0.8	0.2	17.7	<0.01
E5391049 (5568635)		0.07	0.68	21.6	803	2.2	38.3	<0.001	0.201	<0.05	8.1	0.3	0.3	25.4	0.01
E5391050 (5568636)		0.14	0.16	18.9	459	0.5	1.5	<0.001	0.054	<0.05	8.2	0.3	<0.2	9.6	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Jul 15, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5391011 (5568620)	0.11	4.3	0.129	0.22	0.81	50.9	3.61	4.64	44.3	7.8
E5391015 (5568621)	0.03	4.2	0.075	0.13	1.02	19.2	1.17	4.84	54.0	2.5
E5391016 (5568622)	0.08	0.3	0.272	0.43	<0.05	175	14.3	6.89	68.2	2.1
E5391018 (5568623)	0.04	4.2	0.099	0.15	1.10	22.5	1.50	5.37	61.1	2.2
E5391022 (5568624)	0.06	0.3	0.285	0.21	<0.05	147	7.15	6.67	45.9	1.0
E5391032 (5568625)	0.14	0.2	0.180	0.14	0.06	138	15.5	6.15	28.0	1.1
E5391034 (5568626)	0.04	4.3	0.100	0.28	0.64	23.3	2.82	4.60	55.7	8.8
E5391040 (5568627)	0.20	0.3	0.115	0.06	<0.05	93.8	0.47	6.21	30.3	1.5
E5391042 (5568628)	1.44	0.2	0.054	0.01	<0.05	26.0	0.40	1.99	69.1	1.2
E5391043 (5568629)	0.38	0.5	0.154	0.02	0.07	78.6	1.18	6.01	19.5	2.0
E5391044 (5568630)	0.10	3.7	0.227	0.21	0.43	75.8	0.32	5.66	59.7	5.0
E5391045 (5568631)	0.05	0.6	0.095	<0.01	0.06	61.1	0.15	4.25	22.0	2.6
E5391046 (5568632)	0.04	0.3	0.143	<0.01	0.05	45.4	0.13	5.25	14.0	0.9
E5391047 (5568633)	0.07	0.5	0.177	0.01	0.07	78.5	0.45	5.96	26.1	1.7
E5391048 (5568634)	0.06	0.5	0.146	0.03	0.07	87.8	0.25	6.35	33.9	3.3
E5391049 (5568635)	0.03	3.7	0.247	0.27	0.47	79.2	0.48	5.87	56.0	4.6
E5391050 (5568636)	0.02	0.6	0.113	0.01	0.06	71.4	0.08	4.35	30.3	1.2

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Jul 14, 2014

DATE RECEIVED: Jul 14, 2014

DATE REPORTED: Jul 15, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Unit:	RDL:
	Au	ppm	0.001
E5391011 (5568620)			0.545
E5391015 (5568621)			0.213
E5391016 (5568622)			0.247
E5391018 (5568623)			0.461
E5391022 (5568624)			0.070
E5391032 (5568625)			0.479
E5391034 (5568626)			0.104
E5391040 (5568627)			-
E5391042 (5568628)			-
E5391043 (5568629)			-
E5391044 (5568630)			-
E5391045 (5568631)			-
E5391046 (5568632)			-
E5391047 (5568633)			-
E5391048 (5568634)			-
E5391049 (5568635)			-
E5391050 (5568636)			-

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5568620	0.497	0.636	24.5%														
Al	5568620	2.21	2.14	3.2%														
As	5568620	98.5	97.6	0.9%														
Au	5568620	0.368	0.554															
B	5568620	< 5	< 5	0.0%														
Ba	5568620	28	27	3.6%														
Be	5568620	0.23	0.23	0.0%														
Bi	5568620	0.09	0.09	0.0%														
Ca	5568620	1.04	1.02	1.9%														
Cd	5568620	0.123	0.127	3.2%														
Ce	5568620	33.7	34.8	3.2%														
Co	5568620	6.0	5.7	5.1%														
Cr	5568620	76.9	75.2	2.2%														
Cs	5568620	1.86	1.91	2.7%														
Cu	5568620	23.3	22.8	2.2%														
Fe	5568620	2.30	2.29	0.4%														
Ga	5568620	7.76	7.59	2.2%														
Ge	5568620	0.243	0.245	0.8%														
Hf	5568620	0.20	0.21	4.9%														
Hg	5568620	< 0.01	< 0.01	0.0%														
In	5568620	0.016	0.017	6.1%														
K	5568620	0.54	0.54	0.0%														
La	5568620	14.6	15.2	4.0%														
Li	5568620	14.5	14.8	2.0%														
Mg	5568620	0.749	0.740	1.2%														
Mn	5568620	422	419	0.7%														
Mo	5568620	1.02	1.06	3.8%														
Na	5568620	0.16	0.16	0.0%														
Nb	5568620	0.458	0.475	3.6%														
Ni	5568620	16.6	16.0	3.7%														
P	5568620	598	574	4.1%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

Pb	5568620	12.9	13.0	0.8%																
Rb	5568620	30.1	30.4	1.0%																
Re	5568620	< 0.001	< 0.001	0.0%																
S	5568620	0.251	0.239	4.9%																
Sb	5568620	0.09	0.09	0.0%																
Sc	5568620	5.64	5.67	0.5%																
Se	5568620	0.37	0.35	5.6%																
Sn	5568620	0.3	0.3	0.0%																
Sr	5568620	19.3	18.3	5.3%																
Ta	5568620	0.01	0.01	0.0%																
Te	5568620	0.11	0.07																	
Th	5568620	4.3	4.3	0.0%																
Ti	5568620	0.129	0.128	0.8%																
Tl	5568620	0.22	0.22	0.0%																
U	5568620	0.81	0.80	1.2%																
V	5568620	50.9	49.8	2.2%																
W	5568620	3.61	3.83	5.9%																
Y	5568620	4.64	4.75	2.3%																
Zn	5568620	44.3	44.6	0.7%																
Zr	5568620	7.83	8.28	5.6%																

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

Parameter	REPLICATE #1				RPD																
	Sample ID	Original	Replicate	RPD																	
Au	5568620	0.545	0.618	12.6%																	



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

CRM #1 (CFRM-100)														
Parameter	Expect	Actual	Recovery	Limits										
Co	180	182	101%	90% - 110%										
Cu	3494	3786	108%	90% - 110%										
Ni	2985	2688	90%	90% - 110%										

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

CRM #1 (1P5K)														
Parameter	Expect	Actual	Recovery	Limits										
Au	1.44	1.41	98%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T863069

PROJECT NO: BATCH # 2 RUSH

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: Bob Middleton

PROJECT NO:

AGAT WORK ORDER: 14T864667

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Jul 18, 2014

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 14T864667

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 17, 2014

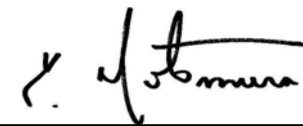
DATE RECEIVED: Jul 16, 2014

DATE REPORTED: Jul 18, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	
E5390974 (5583938)	0.81	0.16	0.91	0.1	<0.005	<5	41	0.15	1.75	1.40	0.04	1.95	9.6	117	
E5390975 (5583939)	0.81	0.12	1.23	0.2	<0.005	<5	2	<0.05	0.09	1.12	0.05	4.78	14.5	88.0	
E5390976 (5583940)	0.71	0.27	0.77	0.8	<0.005	<5	24	<0.05	0.55	0.35	0.43	20.7	49.5	113	
E5390977 (5583941)	0.80	0.06	3.88	0.2	<0.005	<5	83	0.18	0.04	4.06	0.10	7.03	21.1	110	
E5390978 (5583942)	0.71	0.02	0.15	0.8	<0.005	<5	8	<0.05	0.01	1.43	0.09	1.08	7.2	227	
E5390979 (5583943)	0.67	0.08	1.31	0.2	<0.005	<5	6	<0.05	0.03	1.75	0.07	4.64	23.6	115	
E5390980 (5583944)	0.79	0.05	0.48	0.2	<0.005	<5	12	<0.05	0.02	0.70	0.02	44.3	2.0	48.0	
E5390981 (5583945)	0.74	0.04	1.03	0.3	<0.005	<5	3	<0.05	0.02	1.31	0.04	10.6	25.8	59.7	
E5390982 (5583946)	0.56	0.03	0.87	0.2	<0.005	<5	49	<0.05	<0.01	1.12	0.05	1.56	7.0	73.7	
E5390983 (5583947)	0.56	0.03	3.82	0.2	<0.005	<5	7	<0.05	0.02	0.52	0.05	2.36	60.4	115	
E5390984 (5583948)	0.76	<0.01	2.24	0.2	<0.005	<5	6	0.06	<0.01	1.16	0.02	4.73	21.6	104	
E5390985 (5583949)	0.66	0.08	1.20	0.1	<0.005	<5	8	<0.05	0.07	0.77	0.04	4.56	28.2	72.7	
E5390986 (5583950)	0.62	0.06	1.05	<0.1	<0.005	<5	51	<0.05	0.05	0.86	0.04	5.42	25.7	36.9	
E5390987 (5583951)	0.92	0.13	0.99	<0.1	<0.005	<5	14	0.12	0.53	1.05	0.03	3.15	12.1	46.1	
E5390988 (5583952)	0.73	0.05	0.88	<0.1	<0.005	<5	6	<0.05	0.01	1.55	0.06	0.64	17.9	70.3	
E5390989 (5583953)	0.96	0.05	0.91	<0.1	<0.005	<5	5	<0.05	0.02	0.72	0.03	4.37	14.8	86.5	
E5390990 (5583954)	0.84	0.06	1.75	0.1	<0.005	<5	15	<0.05	0.18	1.82	0.08	7.69	24.2	106	
E5390991 (5583955)	0.78	0.04	1.41	0.1	<0.005	<5	6	<0.05	0.65	0.04	0.03	0.33	54.6	1430	
E5390992 (5583956)	0.80	0.02	0.29	0.3	<0.005	<5	9	<0.05	0.06	0.13	0.01	1.78	1.1	119	
E5390993 (5583957)	0.59	0.05	1.90	0.3	<0.005	<5	2	<0.05	0.57	0.28	0.02	1.75	51.8	1350	
E5388542 (5583958)	0.93	0.07	1.62	0.2	<0.005	<5	49	0.21	0.23	1.02	0.06	4.80	21.9	126	
E5388544 (5583960)	1.62	0.10	1.57	0.6	<0.005	<5	12	0.09	0.08	1.45	0.04	7.67	28.8	62.9	
E5388545 (5583961)	1.85	0.07	1.38	0.2	<0.005	<5	119	0.08	0.04	1.19	0.02	21.3	23.5	106	
E5388546 (5583962)	2.41	0.04	1.79	0.2	<0.005	<5	23	0.14	0.16	1.64	0.10	6.50	20.9	103	
E5388547 (5583963)	1.65	0.08	1.52	0.3	<0.005	<5	32	0.21	0.35	1.42	0.08	3.46	23.2	76.6	
E5388548 (5583964)	0.93	0.06	1.14	<0.1	<0.005	<5	17	0.09	0.04	1.48	0.03	13.7	14.8	59.5	
E5388549 (5583965)	1.00	0.04	2.54	0.3	<0.005	<5	11	36	0.50	0.03	1.11	0.05	88.5	19.5	27.3
E5388550 (5583966)	0.74	0.04	2.01	<0.1	<0.005	<5	11	0.07	0.02	1.85	0.03	6.83	13.5	80.6	
E5388551 (5583967)	2.24	0.10	1.66	0.1	<0.005	<5	41	0.24	0.13	0.80	0.04	29.6	10.9	125	

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14T864667

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 17, 2014

DATE RECEIVED: Jul 16, 2014

DATE REPORTED: Jul 18, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5390974 (5583938)	0.06	162	1.87	3.57	0.18	0.14	<0.01	0.026	0.02	0.9	1.4	0.39	174	5.01
E5390975 (5583939)	0.42	118	2.59	3.42	0.14	0.06	<0.01	0.028	0.02	2.0	7.0	0.92	388	0.33
E5390976 (5583940)	0.50	96.1	4.24	3.84	0.23	0.17	<0.01	0.121	0.02	7.9	10.4	0.42	165	2.02
E5390977 (5583941)	1.70	37.5	2.93	10.2	0.14	0.07	<0.01	0.028	0.48	2.8	9.5	0.95	773	0.41
E5390978 (5583942)	0.14	39.5	0.59	0.69	0.11	<0.02	<0.01	0.019	<0.01	0.5	0.6	0.03	248	1.21
E5390979 (5583943)	0.31	345	3.00	5.08	0.16	0.05	<0.01	0.020	0.03	2.0	7.1	0.79	401	0.63
E5390980 (5583944)	0.08	24.5	0.99	1.86	0.15	0.14	<0.01	0.012	<0.01	18.6	0.9	0.23	88	0.26
E5390981 (5583945)	0.24	58.8	3.20	4.80	0.18	0.08	<0.01	0.028	0.02	4.0	5.0	0.66	389	3.12
E5390982 (5583946)	0.07	49.5	0.94	2.16	0.12	0.08	<0.01	0.006	<0.01	0.7	2.9	0.52	150	0.48
E5390983 (5583947)	0.49	230	7.90	10.5	0.17	0.07	<0.01	0.015	0.01	0.9	56.1	2.82	1070	0.28
E5390984 (5583948)	0.84	17.7	3.58	5.92	0.14	0.06	<0.01	0.010	0.02	2.0	33.5	1.74	630	0.24
E5390985 (5583949)	0.54	179	2.95	4.24	0.14	0.05	<0.01	0.013	0.04	1.9	8.5	0.99	342	0.69
E5390986 (5583950)	1.58	146	2.65	3.97	0.16	0.05	<0.01	0.017	0.09	2.3	4.9	0.87	280	0.36
E5390987 (5583951)	5.21	92.6	2.30	3.47	0.17	0.07	<0.01	0.016	0.06	1.3	3.6	0.88	288	0.56
E5390988 (5583952)	0.16	87.7	1.26	1.45	0.11	0.07	<0.01	<0.005	<0.01	0.3	6.6	0.62	304	0.29
E5390989 (5583953)	1.83	90.9	1.81	2.47	0.13	0.04	<0.01	0.009	0.02	1.9	5.2	0.87	230	0.15
E5390990 (5583954)	0.18	172	2.73	4.26	0.12	0.06	<0.01	0.016	0.03	3.3	6.2	1.12	468	1.43
E5390991 (5583955)	0.25	88.5	3.28	3.43	0.16	<0.02	<0.01	<0.005	<0.01	0.2	0.6	2.42	261	0.31
E5390992 (5583956)	0.20	7.6	0.48	1.81	0.09	0.26	<0.01	<0.005	0.06	0.9	1.8	0.11	58	0.92
E5390993 (5583957)	0.36	65.1	5.33	4.54	0.20	0.03	<0.01	0.014	<0.01	0.9	0.4	3.86	363	4.23
E5388542 (5583958)	1.09	44.4	3.02	5.34	0.13	0.08	<0.01	0.008	0.13	2.4	29.3	1.40	466	4.64
E5388544 (5583960)	0.32	142	2.91	5.25	0.13	0.09	<0.01	0.016	0.10	3.4	14.8	1.33	500	0.66
E5388545 (5583961)	1.15	66.7	2.36	6.43	0.15	0.14	<0.01	0.016	0.46	8.5	26.2	1.49	338	0.26
E5388546 (5583962)	0.93	25.1	2.41	4.45	0.14	0.06	<0.01	0.011	0.15	3.0	27.7	1.51	474	24.3
E5388547 (5583963)	0.29	37.6	2.63	4.45	0.15	0.08	<0.01	0.009	0.10	1.8	15.3	1.37	506	11.4
E5388548 (5583964)	0.31	44.0	1.99	4.24	0.14	0.10	<0.01	0.014	0.10	5.4	8.9	0.99	382	0.58
E5388549 (5583965)	1.19	32.9	3.41	12.4	0.18	0.34	<0.01	0.015	0.12	44.6	63.6	1.99	542	0.27
E5388550 (5583966)	0.37	41.5	1.60	4.16	0.10	0.06	<0.01	0.011	0.05	3.3	9.2	0.83	296	0.23
E5388551 (5583967)	1.34	47.4	2.58	8.76	0.12	0.19	<0.01	0.013	0.14	14.7	50.4	1.23	469	0.85

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14T864667

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 17, 2014

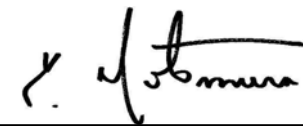
DATE RECEIVED: Jul 16, 2014

DATE REPORTED: Jul 18, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5390974 (5583938)	0.02	2.09	18.8	604	3.5	0.4	0.002	0.252	<0.05	6.2	1.2	0.7	30.8	<0.01
E5390975 (5583939)	0.13	0.14	15.9	475	0.7	0.8	0.001	0.180	<0.05	9.3	0.6	0.2	3.2	<0.01
E5390976 (5583940)	0.04	0.56	34.0	595	13.5	1.5	0.002	3.19	<0.05	2.7	4.9	1.7	13.2	<0.01
E5390977 (5583941)	0.13	0.24	35.6	586	1.5	30.3	<0.001	0.107	<0.05	11.6	0.7	0.3	74.7	<0.01
E5390978 (5583942)	<0.01	0.18	15.2	48	0.3	0.4	0.001	0.058	<0.05	0.4	0.3	0.2	12.2	<0.01
E5390979 (5583943)	0.19	0.07	35.0	197	0.7	1.8	0.003	0.408	<0.05	9.2	1.9	0.2	6.7	<0.01
E5390980 (5583944)	0.10	0.29	3.5	2220	1.7	0.6	0.001	0.017	<0.05	3.6	0.6	<0.2	27.7	<0.01
E5390981 (5583945)	0.13	0.12	19.1	691	0.4	1.6	0.015	0.400	<0.05	12.0	0.8	0.3	4.5	<0.01
E5390982 (5583946)	0.02	0.34	10.9	327	0.4	0.3	0.001	0.056	<0.05	3.6	0.3	<0.2	17.2	<0.01
E5390983 (5583947)	0.05	<0.05	55.5	393	0.9	1.0	0.002	0.544	<0.05	8.8	2.0	0.2	2.2	<0.01
E5390984 (5583948)	0.05	<0.05	19.8	360	0.7	4.6	<0.001	0.022	<0.05	8.8	0.3	<0.2	3.9	<0.01
E5390985 (5583949)	0.10	<0.05	29.8	357	0.5	2.8	0.001	0.355	<0.05	8.9	1.0	<0.2	4.9	<0.01
E5390986 (5583950)	0.11	<0.05	29.2	389	0.4	10.0	0.002	0.262	<0.05	10.7	0.7	<0.2	3.5	<0.01
E5390987 (5583951)	0.14	0.06	8.5	224	0.5	5.8	0.002	0.121	<0.05	11.4	0.6	<0.2	11.5	<0.01
E5390988 (5583952)	0.02	0.26	29.1	339	0.5	1.0	<0.001	0.054	<0.05	3.4	0.3	<0.2	11.3	<0.01
E5390989 (5583953)	0.09	<0.05	30.4	345	0.3	2.8	<0.001	0.086	<0.05	6.7	0.4	<0.2	2.2	<0.01
E5390990 (5583954)	0.16	0.17	33.7	392	0.5	1.0	0.002	0.247	<0.05	11.5	0.9	<0.2	12.4	<0.01
E5390991 (5583955)	<0.01	<0.05	304	110	0.3	0.2	<0.001	0.315	<0.05	1.5	0.5	<0.2	2.1	<0.01
E5390992 (5583956)	0.07	0.72	6.5	108	1.5	2.4	<0.001	0.028	<0.05	0.6	<0.2	0.3	14.6	<0.01
E5390993 (5583957)	<0.01	<0.05	246	179	0.4	0.2	<0.001	0.106	<0.05	6.2	0.3	<0.2	1.4	<0.01
E5388542 (5583958)	0.05	0.25	25.3	340	2.9	7.2	0.002	0.313	<0.05	6.6	0.7	<0.2	22.6	<0.01
E5388544 (5583960)	0.14	0.15	21.4	444	0.8	4.7	0.001	0.301	<0.05	11.3	0.7	<0.2	14.0	<0.01
E5388545 (5583961)	0.11	0.08	63.8	657	1.1	24.0	<0.001	0.143	<0.05	8.8	0.4	0.3	20.4	<0.01
E5388546 (5583962)	0.12	0.11	29.8	326	1.3	7.7	0.017	0.055	<0.05	8.7	0.3	<0.2	29.1	<0.01
E5388547 (5583963)	0.06	0.22	25.0	530	1.3	2.6	0.005	0.207	<0.05	6.8	0.4	0.2	34.3	<0.01
E5388548 (5583964)	0.13	0.26	16.9	479	1.4	3.9	<0.001	0.121	<0.05	9.2	0.5	<0.2	13.4	<0.01
E5388549 (5583965)	0.06	0.24	25.6	1160	3.7	7.5	<0.001	0.208	<0.05	5.3	0.5	0.4	38.2	<0.01
E5388550 (5583966)	0.21	0.18	21.8	391	0.5	3.1	<0.001	0.110	<0.05	7.4	0.4	<0.2	49.0	<0.01
E5388551 (5583967)	0.05	0.48	19.7	559	3.0	10.5	<0.001	0.429	<0.05	4.5	0.5	0.3	18.1	<0.01

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14T864667

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 17, 2014

DATE RECEIVED: Jul 16, 2014

DATE REPORTED: Jul 18, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5390974 (5583938)	0.27	0.2	0.292	<0.01	0.41	55.7	0.30	3.19	15.0	3.3
E5390975 (5583939)	0.13	0.4	0.106	<0.01	<0.05	69.2	<0.05	4.76	31.5	1.4
E5390976 (5583940)	0.92	1.7	0.081	<0.01	0.18	23.9	0.34	2.44	219	5.0
E5390977 (5583941)	0.19	0.4	0.312	0.04	<0.05	137	0.12	9.31	55.9	1.5
E5390978 (5583942)	0.11	<0.1	<0.005	<0.01	<0.05	4.6	0.05	0.95	5.7	<0.5
E5390979 (5583943)	0.10	0.2	0.095	<0.01	<0.05	70.3	<0.05	5.23	34.1	1.1
E5390980 (5583944)	0.07	7.3	0.061	<0.01	0.85	28.1	<0.05	5.87	9.8	5.6
E5390981 (5583945)	0.08	1.1	0.126	<0.01	0.08	117	0.19	11.4	32.4	2.2
E5390982 (5583946)	0.05	0.2	0.214	<0.01	<0.05	30.9	<0.05	3.11	15.2	1.6
E5390983 (5583947)	0.07	0.4	0.098	<0.01	<0.05	168	<0.05	3.58	54.2	1.4
E5390984 (5583948)	0.04	0.3	0.171	<0.01	<0.05	108	<0.05	5.93	38.2	1.3
E5390985 (5583949)	0.11	0.3	0.109	<0.01	<0.05	76.5	0.08	4.44	32.5	0.9
E5390986 (5583950)	0.10	0.3	0.105	0.02	<0.05	76.6	0.06	4.99	31.1	0.9
E5390987 (5583951)	0.10	0.3	0.106	0.02	<0.05	75.0	<0.05	5.32	20.8	1.4
E5390988 (5583952)	0.06	<0.1	0.180	<0.01	<0.05	32.2	0.07	2.79	28.7	1.2
E5390989 (5583953)	0.04	0.3	0.086	<0.01	<0.05	46.8	<0.05	2.98	25.6	0.9
E5390990 (5583954)	0.07	0.4	0.161	<0.01	0.06	81.0	0.20	7.18	38.4	1.4
E5390991 (5583955)	0.10	<0.1	0.015	0.03	<0.05	43.0	0.79	0.24	22.0	<0.5
E5390992 (5583956)	0.14	2.1	0.031	<0.01	0.55	4.9	0.07	1.59	9.9	6.4
E5390993 (5583957)	0.11	0.6	0.015	<0.01	<0.05	91.0	0.06	1.55	31.2	1.0
E5388542 (5583958)	0.10	0.7	0.204	0.01	0.18	75.9	0.25	4.08	49.1	2.3
E5388544 (5583960)	0.06	0.4	0.206	<0.01	<0.05	82.6	0.33	7.83	42.6	1.6
E5388545 (5583961)	0.05	1.0	0.234	0.04	0.17	82.4	0.08	6.32	52.1	2.5
E5388546 (5583962)	0.04	0.3	0.193	0.01	0.09	68.0	0.35	5.67	40.4	1.3
E5388547 (5583963)	0.06	0.2	0.197	<0.01	0.10	66.4	0.28	3.84	48.4	2.0
E5388548 (5583964)	0.04	1.0	0.182	<0.01	0.13	65.3	0.07	7.40	27.6	2.2
E5388549 (5583965)	0.03	7.9	0.237	0.01	1.16	77.1	0.17	9.70	69.7	14.0
E5388550 (5583966)	0.04	0.6	0.137	<0.01	0.05	48.8	<0.05	5.84	19.6	1.4
E5388551 (5583967)	0.07	3.4	0.171	0.02	0.73	108	0.29	9.37	52.4	7.3

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14T864667

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Jul 17, 2014

DATE RECEIVED: Jul 16, 2014

DATE REPORTED: Jul 18, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID)	RDL:	0.01 0.001
E5388543 (5583959)	1.18	0.001

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	5583938	0.16	0.19	17.1%	5583956	0.02	0.02	0.0%								
Al	5583938	0.912	0.945	3.6%	5583956	0.29	0.28	3.5%								
As	5583938	< 0.1	< 0.1	0.0%	5583956	0.34	0.35	2.9%								
Au	5583938	< 0.005	< 0.005	0.0%	5583956	< 0.005	< 0.005	0.0%								
B	5583938	< 5	< 5	0.0%	5583956	< 5	< 5	0.0%								
Ba	5583938	41	40	2.5%	5583956	9	9	0.0%								
Be	5583938	0.15	0.15	0.0%	5583956	< 0.05	< 0.05	0.0%								
Bi	5583938	1.75	1.84	5.0%	5583956	0.06	0.06	0.0%								
Ca	5583938	1.40	1.45	3.5%	5583956	0.126	0.120	4.9%								
Cd	5583938	0.043	0.047	8.9%	5583956	0.01	0.01	0.0%								
Ce	5583938	1.95	2.02	3.5%	5583956	1.78	1.75	1.7%								
Co	5583938	9.6	9.2	4.3%	5583956	1.10	0.95	14.6%								
Cr	5583938	117	116	0.9%	5583956	119	116	2.6%								
Cs	5583938	0.06	0.06	0.0%	5583956	0.20	0.20	0.0%								
Cu	5583938	162	155	4.4%	5583956	7.58	6.13	21.2%								
Fe	5583938	1.87	1.91	2.1%	5583956	0.475	0.462	2.8%								
Ga	5583938	3.57	3.49	2.3%	5583956	1.81	1.72	5.1%								
Ge	5583938	0.184	0.196	6.3%	5583956	0.087	0.082	5.9%								
Hf	5583938	0.14	0.15	6.9%	5583956	0.263	0.285	8.0%								
Hg	5583938	< 0.01	< 0.01	0.0%	5583956	< 0.01	< 0.01	0.0%								
In	5583938	0.0261	0.0266	1.9%	5583956	< 0.005	< 0.005	0.0%								
K	5583938	0.02	0.02	0.0%	5583956	0.06	0.06	0.0%								
La	5583938	0.9	0.9	0.0%	5583956	0.9	0.9	0.0%								
Li	5583938	1.4	1.4	0.0%	5583956	1.8	1.8	0.0%								
Mg	5583938	0.39	0.39	0.0%	5583956	0.11	0.11	0.0%								
Mn	5583938	174	175	0.6%	5583956	58	58	0.0%								
Mo	5583938	5.01	6.56	26.8%	5583956	0.915	0.915	0.0%								
Na	5583938	0.02	0.02	0.0%	5583956	0.07	0.07	0.0%								
Nb	5583938	2.09	2.15	2.8%	5583956	0.72	0.72	0.0%								
Ni	5583938	18.8	17.0	10.1%	5583956	6.50	5.24	21.5%								
P	5583938	604	607	0.5%	5583956	108	130	18.5%								



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

Pb	5583938	3.52	3.61	2.5%	5583956	1.5	1.5	0.0%												
Rb	5583938	0.4	0.4	0.0%	5583956	2.37	2.23	6.1%												
Re	5583938	0.002	0.003		5583956	< 0.001	< 0.001	0.0%												
S	5583938	0.252	0.255	1.2%	5583956	0.0277	0.0262	5.6%												
Sb	5583938	< 0.05	< 0.05	0.0%	5583956	< 0.05	< 0.05	0.0%												
Sc	5583938	6.2	6.2	0.0%	5583956	0.6	0.6	0.0%												
Se	5583938	1.2	1.2	0.0%	5583956	< 0.2	< 0.2	0.0%												
Sn	5583938	0.7	0.7	0.0%	5583956	0.26	0.22	16.7%												
Sr	5583938	30.8	30.7	0.3%	5583956	14.6	13.6	7.1%												
Ta	5583938	< 0.01	< 0.01	0.0%	5583956	< 0.01	< 0.01	0.0%												
Te	5583938	0.266	0.255	4.2%	5583956	1.00	0.86	15.1%												
Th	5583938	0.2	0.2	0.0%	5583956	2.06	2.55	21.3%												
Ti	5583938	0.292	0.299	2.4%	5583956	0.0305	0.0298	2.3%												
Tl	5583938	< 0.01	< 0.01	0.0%	5583956	< 0.01	< 0.01	0.0%												
U	5583938	0.413	0.427	3.3%	5583956	0.552	0.544	1.5%												
V	5583938	55.7	55.8	0.2%	5583956	4.93	5.01	1.6%												
W	5583938	0.304	0.333	9.1%	5583956	0.066	0.062	6.3%												
Y	5583938	3.19	3.19	0.0%	5583956	1.59	1.51	5.2%												
Zn	5583938	15.0	14.4	4.1%	5583956	9.9	9.7	2.0%												
Zr	5583938	3.3	3.6	8.7%	5583956	6.4	7.0	9.0%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: Bob Middleton

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	171	93%	90% - 110%	184	166	90%	90% - 110%								
Cu	3494	3462	99%	90% - 110%	3494	3341	96%	90% - 110%								
Ni	2985	2698	90%	90% - 110%	2985	2698	90%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T864667

PROJECT NO:

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T864667

PROJECT NO:

ATTENTION TO: Bob Middleton

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: HARTE GOLD MH JULY20-REG

AGAT WORK ORDER: 14B865866

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Aug 07, 2014

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014


DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5388540 (5595872)	1.26	0.03	1.22	0.2	<0.005	<5	9	0.09	0.15	1.19	0.24	3.59	14.7	15.2
E5388541 (5595873)	1.52	0.05	1.29	0.3	<0.005	<5	23	0.13	0.02	1.59	0.10	16.1	11.9	14.3
E5388552 (5595874)	1.24	0.04	2.20	0.8	<0.005	<5	29	<0.05	0.02	1.45	0.08	3.39	27.3	46.2
E5388553 (5595875)	0.62	0.03	0.82	0.3	<0.005	<5	3	0.10	0.02	1.10	0.04	4.35	10.5	8.7
E5388554 (5595876)	1.38	0.02	0.67	0.2	<0.005	<5	2	<0.05	<0.01	0.86	0.03	2.43	6.8	25.3
E5388555 (5595878)	1.24	0.02	1.64	0.3	<0.005	<5	11	0.07	0.01	1.37	0.04	7.63	16.7	123
E5388556 (5595879)	1.02	0.03	0.97	0.2	<0.005	<5	4	0.06	<0.01	1.08	0.03	3.34	12.9	28.5
E5388557 (5595880)	1.88	0.05	1.00	0.3	<0.005	<5	8	0.07	0.03	1.09	0.04	3.91	17.8	22.9
E5388558 (5595881)	1.76	0.05	1.01	0.2	<0.005	<5	12	0.11	0.01	1.53	0.08	6.36	17.5	37.4
E5388559 (5595882)	2.72	0.05	0.70	0.3	<0.005	<5	18	0.08	0.10	2.12	0.11	1.44	22.9	16.9
E5554510 (5595883)	1.04	0.04	1.38	0.2	<0.005	<5	24	0.06	0.03	1.95	0.04	5.77	16.0	55.6
E5554511 (5595884)	2.38	0.04	1.63	0.2	<0.005	<5	54	0.13	0.02	1.17	0.05	19.0	24.2	35.3
E5554513 (5595885)	1.70	0.04	1.86	<0.1	<0.005	<5	12	0.14	0.02	2.41	0.14	10.6	25.6	37.0
E5554514 (5595886)	1.82	0.03	1.03	0.4	<0.005	<5	6	0.09	<0.01	1.31	0.05	5.66	10.8	6.0
E5554515 (5595887)	1.04	0.04	1.54	0.5	<0.005	<5	11	0.10	0.02	1.67	0.05	6.32	13.1	7.2
E5554517 (5595888)	1.08	0.02	0.70	0.2	<0.005	<5	4	<0.05	<0.01	0.86	0.02	3.45	8.8	21.2
E5554518 (5595889)	0.60	0.03	2.30	0.2	<0.005	<5	23	0.12	0.06	1.35	0.05	4.99	26.7	64.1
E5554519 (5595890)	0.66	0.03	2.27	0.2	<0.005	<5	21	0.10	<0.01	2.06	0.06	5.99	16.3	20.2
E5553660 (5595891)	0.62	0.09	1.92	0.7	<0.005	<5	14	0.11	0.02	1.71	0.06	2.85	14.4	48.9
E5553661 (5595892)	0.98	0.05	1.63	1.2	<0.005	<5	283	0.10	0.02	1.13	0.08	19.5	21.4	39.1
E5553662 (5595893)	1.02	0.07	1.54	0.4	0.005	<5	14	0.08	0.04	1.04	0.07	7.11	21.7	46.6
E5390994 (5595894)	0.90	0.03	1.56	0.4	<0.005	<5	5	0.18	0.08	1.60	0.03	26.7	32.7	1.2
E5390995 (5595895)	0.68	0.29	0.90	0.2	<0.005	<5	25	0.16	0.20	0.87	3.33	12.7	18.6	8.0
E5390996 (5595896)	0.56	0.10	1.56	0.3	<0.005	<5	7	0.12	0.02	1.71	0.09	7.82	16.7	24.9
E5390997 (5595897)	0.56	0.25	1.34	1.7	0.015	<5	209	0.17	0.09	1.29	0.06	31.6	11.3	17.0
E5390998 (5595898)	0.96	0.08	1.02	0.2	<0.005	<5	12	0.09	0.04	1.23	0.06	5.52	22.7	26.3
E5390999 (5595899)	0.92	0.12	1.10	0.4	<0.005	<5	20	0.13	0.19	0.84	0.06	3.21	41.5	51.1
E5391000 (5595900)	0.52	0.39	1.47	2.2	0.010	<5	35	0.13	0.03	1.26	0.16	4.04	22.3	63.8
E5391001 (5595901)	0.64	0.13	1.26	0.2	<0.005	<5	63	0.17	0.05	1.35	0.06	16.6	14.0	74.3
E5391002 (5595902)	1.24	0.05	1.54	0.3	<0.005	<5	8	<0.05	0.02	0.99	0.05	3.36	26.1	27.3
E5554160 (5595903)	0.56	0.44	1.08	0.8	0.268	<5	26	0.09	0.46	0.78	1.69	64.6	11.7	44.9

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5554166 (5595904)	0.46	0.07	1.64	0.3	<0.005	<5	9	0.10	<0.01	1.75	0.04	7.16	14.0	32.7
E5554167 (5595905)	0.92	0.08	1.26	0.1	<0.005	<5	6	0.05	0.03	1.37	0.05	4.91	26.5	32.0
E5554168 (5595906)	0.88	0.05	1.16	0.1	<0.005	<5	6	0.06	0.02	1.40	0.03	3.74	10.5	28.3
E5554169 (5595907)	0.80	0.08	2.58	0.3	<0.005	<5	50	0.11	0.12	2.23	0.10	4.76	27.8	66.7
E5554170 (5595908)	0.62	0.04	3.77	<0.1	<0.005	<5	9	0.09	<0.01	2.94	0.02	5.54	25.6	48.7
E5554171 (5595909)	0.86	0.04	0.32	0.3	<0.005	<5	10	<0.05	0.34	0.13	0.02	2.18	1.2	9.9
E5554172 (5595910)	0.72	0.19	1.87	0.7	0.006	<5	879	0.14	0.03	0.45	0.03	36.6	3.9	22.4
E5554177 (5595911)	1.06	0.16	2.75	0.2	<0.005	<5	6	0.09	0.37	2.20	0.07	7.65	18.4	38.6
E5554178 (5595912)	0.68	0.11	2.30	0.6	<0.005	<5	37	0.17	0.03	1.45	0.11	19.7	19.8	8.8
E5554179 (5595913)	0.60	0.12	1.17	0.1	<0.005	<5	23	0.07	0.17	1.26	0.09	6.66	22.5	95.6
E5554180 (5595914)	0.64	0.04	0.90	0.2	<0.005	<5	13	0.06	<0.01	1.00	0.03	4.01	10.9	49.5
E5554182 (5595915)	0.98	0.07	1.28	0.3	<0.005	<5	11	0.20	0.34	1.27	0.03	6.08	22.9	79.3
E5554183 (5595916)	0.90	0.30	1.00	0.5	<0.005	<5	11	0.17	0.98	1.05	0.37	4.59	27.7	56.4
E5554184 (5595917)	0.62	0.29	0.83	0.7	<0.005	<5	9	0.14	0.29	0.60	0.03	7.54	23.7	54.4
E5554185 (5595918)	0.94	0.20	1.20	0.3	<0.005	<5	12	0.11	0.05	1.04	0.04	6.06	18.2	66.6
E5554186 (5595919)	0.54	0.07	0.86	0.1	<0.005	<5	9	0.09	0.03	1.02	0.04	5.99	13.7	52.9
E5554187 (5595920)	0.96	0.18	1.59	0.2	<0.005	<5	11	0.12	0.08	0.94	0.04	6.46	22.6	72.9
E5554188 (5595921)	0.98	0.29	1.22	0.2	<0.005	<5	9	0.12	0.20	0.94	0.06	5.59	24.8	68.7
E5554189 (5595922)	0.68	0.08	0.31	0.4	<0.005	<5	25	0.09	0.32	0.11	0.02	41.0	2.4	8.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5388540 (5595872)	0.46	51.8	2.38	4.50	0.19	0.08	<0.01	0.014	0.05	1.4	27.4	0.99	380	0.29
E5388541 (5595873)	0.48	73.6	1.67	4.75	0.18	0.08	<0.01	0.011	0.03	7.8	19.1	0.63	320	0.78
E5388552 (5595874)	10.3	86.9	3.22	7.16	0.18	0.03	<0.01	0.014	0.41	1.3	41.4	1.85	337	0.48
E5388553 (5595875)	0.67	22.5	2.34	3.91	0.20	0.06	<0.01	0.021	0.04	1.6	3.4	0.69	358	0.25
E5388554 (5595876)	0.12	27.0	1.62	2.75	0.17	0.06	<0.01	0.014	0.01	0.9	2.2	0.57	223	0.29
E5388555 (5595878)	0.58	73.7	2.23	4.56	0.17	0.06	<0.01	0.010	0.05	3.0	24.4	1.19	300	0.70
E5388556 (5595879)	0.99	78.3	1.68	3.31	0.17	0.04	<0.01	0.011	0.02	1.4	12.0	0.72	313	0.21
E5388557 (5595880)	0.47	55.8	2.49	4.43	0.20	0.06	<0.01	0.020	0.03	1.4	13.3	0.83	334	0.36
E5388558 (5595881)	0.22	58.7	2.22	3.87	0.19	0.14	<0.01	0.018	0.07	3.2	3.5	0.76	436	0.21
E5388559 (5595882)	0.44	147	1.16	2.63	0.16	0.11	<0.01	0.007	0.02	0.7	7.2	0.38	250	0.48
E5554510 (5595883)	1.15	78.9	1.97	4.03	0.16	0.05	<0.01	0.016	0.06	2.5	15.6	0.94	334	0.35
E5554511 (5595884)	0.93	61.9	2.81	5.91	0.20	0.08	<0.01	0.014	0.13	8.6	38.8	1.46	383	0.33
E5554513 (5595885)	0.56	99.1	3.18	6.64	0.22	0.08	<0.01	0.024	0.11	4.3	15.4	0.91	544	0.26
E5554514 (5595886)	0.32	18.7	2.66	4.77	0.21	0.06	<0.01	0.026	0.02	2.8	4.7	0.70	404	0.23
E5554515 (5595887)	0.83	68.1	3.13	5.62	0.19	0.10	<0.01	0.023	0.06	2.3	14.7	0.75	525	0.98
E5554517 (5595888)	0.25	37.4	1.66	2.86	0.18	0.04	<0.01	0.013	0.01	1.5	5.0	0.63	226	0.20
E5554518 (5595889)	1.37	56.7	4.05	7.82	0.20	0.06	<0.01	0.012	0.05	2.1	51.5	1.74	707	0.30
E5554519 (5595890)	0.37	121	2.06	5.97	0.17	0.03	<0.01	0.016	0.08	2.3	7.5	0.78	361	0.36
E5553660 (5595891)	0.25	107	1.53	4.73	0.16	0.07	<0.01	0.010	0.03	1.0	6.7	0.63	304	0.22
E5553661 (5595892)	1.53	48.1	2.34	5.33	0.20	0.09	<0.01	0.012	0.54	8.9	21.0	1.32	374	0.26
E5553662 (5595893)	1.00	102	3.17	5.96	0.20	0.05	<0.01	0.020	0.04	2.7	23.5	1.15	443	0.44
E5390994 (5595894)	0.82	11.9	4.82	11.8	0.24	0.13	<0.01	0.041	0.02	8.9	18.4	0.55	488	0.41
E5390995 (5595895)	0.63	234	2.89	4.29	0.21	0.12	<0.01	0.267	0.06	6.3	10.2	0.26	138	2.13
E5390996 (5595896)	0.56	160	1.87	4.30	0.17	0.11	<0.01	0.014	0.02	3.2	6.6	0.40	303	0.59
E5390997 (5595897)	1.60	82.2	3.29	6.40	0.22	0.21	<0.01	0.023	0.42	13.5	15.7	0.97	386	0.44
E5390998 (5595898)	0.91	131	1.76	3.18	0.16	0.11	<0.01	0.011	0.02	2.1	5.7	0.36	295	0.42
E5390999 (5595899)	5.01	288	3.33	4.79	0.18	0.08	<0.01	0.013	0.29	1.2	20.7	0.49	283	7.94
E5391000 (5595900)	1.43	152	3.02	4.87	0.22	0.06	<0.01	0.019	0.21	1.5	15.1	0.54	449	2.00
E5391001 (5595901)	1.96	51.8	2.78	5.09	0.22	0.13	<0.01	0.018	0.32	7.8	16.1	0.86	447	0.60
E5391002 (5595902)	1.00	68.7	2.06	4.43	0.16	0.04	<0.01	0.011	0.05	1.5	16.7	1.44	237	1.18
E5554160 (5595903)	3.59	27.6	2.00	6.66	0.21	0.18	<0.01	0.011	0.71	31.7	33.3	0.76	347	1.05
E5554166 (5595904)	0.20	67.5	1.73	4.13	0.17	0.07	<0.01	0.016	0.02	2.6	2.5	0.51	338	0.35

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5554167 (5595905)	0.18	362	2.96	5.02	0.20	0.06	<0.01	0.023	0.03	2.1	11.3	0.79	382	0.39
E5554168 (5595906)	0.14	82.2	2.33	3.72	0.18	0.07	<0.01	0.020	0.02	1.3	4.6	0.64	364	0.20
E5554169 (5595907)	2.43	122	3.72	6.84	0.19	0.05	<0.01	0.018	0.29	1.7	28.7	1.33	480	0.40
E5554170 (5595908)	0.19	92.5	1.77	6.24	0.16	0.03	<0.01	0.007	0.02	2.4	3.9	0.65	207	0.43
E5554171 (5595909)	0.10	7.3	0.60	2.70	0.14	0.24	<0.01	<0.005	0.07	1.2	3.4	0.16	69	0.81
E5554172 (5595910)	2.16	49.2	3.71	8.59	0.20	0.23	<0.01	0.017	1.15	21.8	14.6	1.14	602	0.58
E5554177 (5595911)	0.29	691	2.83	6.64	0.18	0.04	<0.01	0.016	0.03	3.1	13.9	0.71	317	0.58
E5554178 (5595912)	2.04	190	5.11	11.1	0.22	0.33	<0.01	0.015	0.08	8.3	8.8	0.56	562	0.68
E5554179 (5595913)	0.46	194	1.95	3.59	0.17	0.06	<0.01	0.010	0.08	3.1	24.0	0.78	288	0.45
E5554180 (5595914)	0.41	29.7	1.66	3.32	0.17	0.05	<0.01	0.010	0.04	1.7	16.1	0.77	241	0.21
E5554182 (5595915)	0.38	55.8	2.27	4.28	0.19	0.07	<0.01	0.011	0.07	2.6	29.6	1.22	457	1.81
E5554183 (5595916)	0.45	124	2.21	3.95	0.21	0.07	0.01	0.012	0.05	2.2	24.2	1.02	330	0.57
E5554184 (5595917)	0.36	364	1.87	3.56	0.19	0.06	<0.01	0.012	0.03	3.8	27.6	0.73	268	1.36
E5554185 (5595918)	0.66	79.4	2.41	4.20	0.20	0.06	<0.01	0.013	0.05	2.7	32.1	1.13	434	0.58
E5554186 (5595919)	0.74	40.5	1.63	3.11	0.18	0.06	<0.01	0.011	0.05	2.7	19.0	0.84	326	0.29
E5554187 (5595920)	0.47	107	3.25	5.23	0.20	0.06	<0.01	0.011	0.05	3.0	57.6	1.38	619	0.73
E5554188 (5595921)	0.70	125	2.62	4.14	0.20	0.06	<0.01	0.011	0.05	2.5	36.1	1.12	443	0.39
E5554189 (5595922)	0.11	11.5	0.57	2.39	0.16	0.20	<0.01	<0.005	0.06	16.1	6.3	0.17	104	0.81

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5388540 (5595872)	0.12	0.09	30.5	342	27.6	2.6	0.001	0.098	<0.05	9.8	0.3	0.2	6.8	<0.01
E5388541 (5595873)	0.07	0.22	17.5	472	7.0	2.2	0.001	0.043	<0.05	6.7	<0.2	0.2	19.3	<0.01
E5388552 (5595874)	0.10	0.09	82.1	256	5.5	37.1	<0.001	0.041	<0.05	8.9	<0.2	<0.2	6.4	<0.01
E5388553 (5595875)	0.14	0.13	10.1	442	2.9	2.1	0.001	0.028	2.24	11.3	<0.2	0.2	6.5	<0.01
E5388554 (5595876)	0.12	0.07	11.1	440	2.5	0.4	<0.001	0.017	<0.05	8.5	<0.2	<0.2	2.7	<0.01
E5388555 (5595878)	0.12	0.07	26.6	238	1.5	2.9	0.002	0.075	<0.05	8.2	0.3	<0.2	6.8	<0.01
E5388556 (5595879)	0.10	0.13	14.3	270	1.6	3.7	<0.001	0.064	<0.05	7.0	0.2	<0.2	5.7	<0.01
E5388557 (5595880)	0.14	0.05	22.4	401	1.5	1.6	0.002	0.181	<0.05	11.6	0.8	0.2	4.8	<0.01
E5388558 (5595881)	0.15	0.23	33.9	373	1.4	2.0	0.001	0.059	<0.05	11.9	0.3	0.2	14.5	<0.01
E5388559 (5595882)	0.04	0.31	40.3	332	1.4	3.5	0.001	0.140	<0.05	4.3	0.4	<0.2	33.6	<0.01
E5554510 (5595883)	0.15	0.08	52.5	407	1.0	6.2	0.001	0.068	0.08	9.0	0.2	<0.2	11.2	<0.01
E5554511 (5595884)	0.09	0.07	69.5	559	3.4	7.5	<0.001	0.267	<0.05	8.0	0.3	<0.2	17.5	<0.01
E5554513 (5595885)	0.17	0.18	40.2	488	1.3	3.2	0.001	0.086	<0.05	13.4	0.3	0.3	14.5	<0.01
E5554514 (5595886)	0.16	0.11	8.1	552	0.8	1.4	0.001	0.031	<0.05	13.2	0.2	0.3	6.0	<0.01
E5554515 (5595887)	0.17	0.25	11.6	297	1.5	8.0	0.003	0.102	<0.05	12.1	0.5	0.2	17.5	<0.01
E5554517 (5595888)	0.11	0.05	14.6	376	0.7	1.0	<0.001	0.050	<0.05	7.5	0.3	<0.2	3.1	<0.01
E5554518 (5595889)	0.08	0.11	61.9	333	1.4	6.5	<0.001	0.163	<0.05	9.0	0.5	<0.2	5.3	<0.01
E5554519 (5595890)	0.20	0.12	30.7	293	0.9	3.6	0.001	0.131	<0.05	10.4	0.5	<0.2	86.1	<0.01
E5553660 (5595891)	0.27	0.22	31.8	311	1.3	1.3	0.001	0.115	<0.05	8.0	0.5	<0.2	37.6	<0.01
E5553661 (5595892)	0.12	0.13	70.3	786	3.6	36.2	<0.001	0.034	<0.05	6.1	0.2	<0.2	32.2	<0.01
E5553662 (5595893)	0.11	0.08	19.3	421	1.4	4.8	0.001	0.107	<0.05	10.9	0.5	<0.2	4.5	<0.01
E5390994 (5595894)	0.12	0.15	0.7	1190	1.3	1.3	0.002	0.712	<0.05	13.4	1.8	<0.2	5.7	<0.01
E5390995 (5595895)	0.05	0.38	13.9	460	5.4	4.7	0.004	0.917	<0.05	2.2	2.7	0.9	32.1	<0.01
E5390996 (5595896)	0.24	0.45	33.1	443	0.7	1.0	0.002	0.100	<0.05	9.1	0.9	0.2	44.6	<0.01
E5390997 (5595897)	0.15	0.18	7.3	1850	1.4	26.7	0.005	0.225	<0.05	11.4	0.7	0.3	51.7	<0.01
E5390998 (5595898)	0.13	0.42	49.2	345	0.7	3.1	0.001	0.113	<0.05	7.7	0.7	<0.2	19.9	<0.01
E5390999 (5595899)	0.03	0.18	83.9	308	0.7	34.7	0.009	0.609	<0.05	11.2	1.7	0.3	8.2	<0.01
E5391000 (5595900)	0.05	0.15	42.0	372	3.7	9.3	0.002	0.414	<0.05	13.2	0.9	0.2	11.9	<0.01
E5391001 (5595901)	0.14	0.27	21.5	793	1.9	24.0	0.001	0.115	<0.05	11.5	0.6	0.3	38.6	<0.01
E5391002 (5595902)	0.09	0.08	92.6	265	0.6	3.7	0.002	0.073	<0.05	5.8	0.3	<0.2	10.1	<0.01
E5554160 (5595903)	0.08	0.33	29.5	564	85.2	54.4	<0.001	0.413	<0.05	4.3	0.3	0.3	15.9	<0.01
E5554166 (5595904)	0.23	0.40	44.1	334	0.9	0.7	0.001	0.045	<0.05	9.9	0.5	0.2	34.8	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5554167 (5595905)		0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5554167 (5595905)		0.21	0.10	40.6	361	0.9	0.9	0.003	0.277	<0.05	12.4	1.5	0.2	4.6	<0.01
E5554168 (5595906)		0.19	0.21	21.9	453	0.4	0.6	<0.001	0.042	<0.05	11.6	0.3	0.2	11.8	<0.01
E5554169 (5595907)		0.08	0.11	35.0	423	1.8	18.2	0.001	0.331	<0.05	11.0	0.8	0.2	12.9	<0.01
E5554170 (5595908)		0.26	<0.05	37.6	332	0.6	0.6	0.001	0.524	<0.05	6.8	1.2	<0.2	139	<0.01
E5554171 (5595909)		0.06	0.97	2.4	95	3.1	2.7	<0.001	0.012	<0.05	1.7	<0.2	0.3	15.9	<0.01
E5554172 (5595910)		0.11	0.55	3.9	1410	3.0	52.8	<0.001	0.177	<0.05	7.2	0.9	0.3	72.5	<0.01
E5554177 (5595911)		0.23	0.09	28.4	698	0.7	1.2	0.004	0.684	<0.05	11.8	2.2	<0.2	155	<0.01
E5554178 (5595912)		0.25	0.67	16.3	712	2.8	7.3	0.003	0.109	<0.05	3.1	0.5	0.5	30.9	<0.01
E5554179 (5595913)		0.10	0.11	39.7	365	1.1	5.5	0.001	0.274	<0.05	7.3	0.6	<0.2	11.4	<0.01
E5554180 (5595914)		0.11	0.08	13.1	439	0.7	3.0	<0.001	0.109	<0.05	7.3	0.3	<0.2	5.6	<0.01
E5554182 (5595915)		0.10	0.06	23.8	318	1.7	3.7	0.002	0.247	<0.05	9.0	0.3	<0.2	10.1	<0.01
E5554183 (5595916)		0.08	0.06	24.1	341	19.1	3.7	0.001	0.723	<0.05	7.0	0.8	<0.2	12.8	<0.01
E5554184 (5595917)		0.04	0.10	18.9	199	4.8	2.1	<0.001	0.657	0.06	3.9	0.5	<0.2	16.4	<0.01
E5554185 (5595918)		0.11	<0.05	21.1	373	2.3	3.3	<0.001	0.205	<0.05	9.7	0.3	<0.2	10.5	<0.01
E5554186 (5595919)		0.09	0.06	17.5	350	2.0	4.1	<0.001	0.091	<0.05	7.6	<0.2	<0.2	9.9	<0.01
E5554187 (5595920)		0.08	<0.05	24.7	457	5.5	4.0	0.001	0.427	<0.05	7.9	0.7	<0.2	9.0	<0.01
E5554188 (5595921)		0.09	0.05	26.4	391	6.2	4.2	0.001	0.483	<0.05	8.5	0.7	<0.2	10.0	<0.01
E5554189 (5595922)		0.06	0.45	3.0	84	2.1	1.9	<0.001	0.033	<0.05	1.4	<0.2	0.3	8.8	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5388540 (5595872)	0.04	0.2	0.143	0.02	<0.05	81.2	0.14	5.84	66.6	1.1
E5388541 (5595873)	0.04	1.1	0.158	0.01	0.14	59.3	0.09	5.57	37.1	1.5
E5388552 (5595874)	0.04	0.2	0.155	0.29	<0.05	102	0.13	3.66	43.2	0.6
E5388553 (5595875)	0.02	0.3	0.107	<0.01	<0.05	87.6	0.09	7.14	29.1	1.1
E5388554 (5595876)	0.01	0.3	0.075	<0.01	<0.05	59.3	<0.05	4.40	17.2	0.9
E5388555 (5595878)	0.09	0.4	0.091	0.02	0.07	61.1	0.09	3.79	18.4	1.3
E5388556 (5595879)	0.03	0.2	0.136	0.01	<0.05	62.2	0.06	4.69	19.0	0.9
E5388557 (5595880)	0.03	0.3	0.094	<0.01	<0.05	88.0	0.05	6.01	25.5	1.0
E5388558 (5595881)	0.01	0.6	0.205	0.02	0.10	91.9	<0.05	8.71	32.9	2.7
E5388559 (5595882)	0.04	<0.1	0.189	0.02	<0.05	43.4	0.19	4.04	29.0	2.1
E5554510 (5595883)	0.04	0.2	0.113	0.03	<0.05	69.5	0.08	5.59	24.2	0.9
E5554511 (5595884)	0.02	1.4	0.145	0.05	0.23	81.6	0.08	4.67	35.9	2.5
E5554513 (5595885)	0.01	0.4	0.233	0.02	0.06	114	0.19	11.1	56.4	1.4
E5554514 (5595886)	0.02	0.4	0.117	<0.01	0.06	104	<0.05	8.24	28.7	1.0
E5554515 (5595887)	0.05	0.3	0.232	0.03	0.05	103	0.13	10.2	32.4	1.9
E5554517 (5595888)	0.01	0.3	0.081	<0.01	<0.05	54.6	<0.05	4.06	16.2	0.8
E5554518 (5595889)	0.03	0.2	0.186	0.02	<0.05	108	0.30	5.07	37.4	1.1
E5554519 (5595890)	0.01	0.2	0.095	0.04	<0.05	70.8	<0.05	5.42	22.0	0.6
E5553660 (5595891)	0.01	0.1	0.155	<0.01	<0.05	57.4	0.10	6.92	19.7	1.2
E5553661 (5595892)	0.03	1.2	0.167	0.21	0.21	62.8	0.11	4.04	33.4	3.8
E5553662 (5595893)	0.03	0.4	0.130	0.02	<0.05	89.2	0.15	6.17	38.6	0.9
E5390994 (5595894)	0.03	0.9	0.143	0.01	0.10	46.0	0.10	23.0	38.6	3.6
E5390995 (5595895)	0.67	1.9	0.042	0.10	0.24	14.9	0.22	4.92	730	3.5
E5390996 (5595896)	0.09	0.3	0.219	0.02	<0.05	60.9	0.16	9.45	23.6	1.9
E5390997 (5595897)	0.22	1.4	0.203	0.18	0.22	91.2	0.33	9.46	33.4	4.2
E5390998 (5595898)	0.07	0.2	0.206	0.01	0.05	53.2	0.27	8.17	23.7	2.2
E5390999 (5595899)	0.10	0.2	0.190	0.20	<0.05	88.1	0.73	6.73	24.8	1.6
E5391000 (5595900)	0.14	0.2	0.147	0.08	0.08	95.9	1.01	6.41	38.1	1.2
E5391001 (5595901)	0.09	1.3	0.176	0.19	0.19	75.4	0.08	7.04	32.1	3.4
E5391002 (5595902)	0.03	0.2	0.065	0.03	<0.05	43.1	0.11	3.50	25.9	0.8
E5554160 (5595903)	0.18	4.5	0.133	0.37	0.79	47.1	1.67	4.29	196	6.1
E5554166 (5595904)	0.02	0.3	0.209	<0.01	0.05	65.1	0.06	9.36	18.1	1.2

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B865866

PROJECT NO: HARTE GOLD MH JULY20-REG

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Aug 07, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5554167 (5595905)	0.09	0.3	0.091	0.01	<0.05	87.4	0.05	6.55	30.1	1.1
E5554168 (5595906)	0.04	0.2	0.157	<0.01	<0.05	80.0	0.06	8.01	23.8	1.1
E5554169 (5595907)	0.07	0.3	0.222	0.10	<0.05	99.8	0.63	5.85	41.7	0.9
E5554170 (5595908)	0.77	0.3	0.041	<0.01	<0.05	35.7	<0.05	2.18	10.9	0.6
E5554171 (5595909)	0.13	2.1	0.045	0.02	0.96	8.7	0.11	1.15	12.0	4.6
E5554172 (5595910)	0.16	6.0	0.262	0.31	0.58	89.4	<0.05	5.64	47.6	10.3
E5554177 (5595911)	0.13	0.3	0.078	0.03	0.07	87.9	<0.05	4.86	21.6	0.9
E5554178 (5595912)	0.03	1.5	0.418	0.07	0.28	169	0.08	17.1	70.1	14.7
E5554179 (5595913)	0.06	0.3	0.129	0.03	<0.05	57.5	0.18	4.99	30.0	1.2
E5554180 (5595914)	0.03	0.3	0.089	0.01	<0.05	51.2	0.05	4.02	15.8	1.1
E5554182 (5595915)	0.05	0.3	0.144	0.02	<0.05	75.8	0.15	5.43	19.3	1.5
E5554183 (5595916)	0.17	0.2	0.121	0.03	<0.05	59.5	0.19	4.58	150	1.4
E5554184 (5595917)	0.09	0.5	0.070	0.02	0.12	45.6	0.14	2.82	11.3	1.3
E5554185 (5595918)	0.09	0.4	0.111	0.02	<0.05	71.9	0.17	4.80	23.4	1.1
E5554186 (5595919)	0.04	0.3	0.120	0.02	<0.05	53.6	0.12	4.91	19.7	1.0
E5554187 (5595920)	0.06	0.4	0.131	0.04	<0.05	85.7	0.21	5.09	26.9	1.1
E5554188 (5595921)	0.10	0.3	0.120	0.03	<0.05	70.3	0.19	4.92	30.4	1.0
E5554189 (5595922)	0.03	4.4	0.027	0.02	0.23	9.1	0.07	2.19	6.5	4.8

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5595879	0.03	0.03	0.0%	5595899	0.118	0.126	6.6%	5595916	0.30	0.32	6.5%				
Al	5595879	0.971	0.985	1.4%	5595899	1.10	1.15	4.4%	5595916	1.00	0.983	1.7%				
As	5595879	0.25	0.26	3.9%	5595899	0.4	0.4	0.0%	5595916	0.55	0.57	3.6%				
Au	5595879	< 0.005	< 0.005	0.0%	5595899	< 0.005	< 0.005	0.0%	5595916	< 0.005	< 0.005	0.0%				
B	5595879	< 5	< 5	0.0%	5595899	< 5	< 5	0.0%	5595916	< 5	< 5	0.0%				
Ba	5595879	4	4	0.0%	5595899	20	22	9.5%	5595916	11	12	8.7%				
Be	5595879	0.064	0.065	1.6%	5595899	0.13	0.14	7.4%	5595916	0.173	0.178	2.8%				
Bi	5595879	< 0.01	< 0.01	0.0%	5595899	0.19	0.21	10.0%	5595916	0.979	0.970	0.9%				
Ca	5595879	1.08	1.10	1.8%	5595899	0.84	0.89	5.8%	5595916	1.05	1.03	1.9%				
Cd	5595879	0.034	0.040	16.2%	5595899	0.059	0.068	14.2%	5595916	0.37	0.37	0.0%				
Ce	5595879	3.34	3.42	2.4%	5595899	3.21	3.31	3.1%	5595916	4.59	4.51	1.8%				
Co	5595879	12.9	13.0	0.8%	5595899	41.5	42.0	1.2%	5595916	27.7	26.4	4.8%				
Cr	5595879	28.5	29.0	1.7%	5595899	51.1	51.2	0.2%	5595916	56.4	55.6	1.4%				
Cs	5595879	0.994	1.01	1.6%	5595899	5.01	5.03	0.4%	5595916	0.45	0.46	2.2%				
Cu	5595879	78.3	79.8	1.9%	5595899	288	294	2.1%	5595916	124	121	2.4%				
Fe	5595879	1.68	1.71	1.8%	5595899	3.33	3.38	1.5%	5595916	2.21	2.15	2.8%				
Ga	5595879	3.31	3.31	0.0%	5595899	4.79	4.96	3.5%	5595916	3.95	3.81	3.6%				
Ge	5595879	0.171	0.176	2.9%	5595899	0.181	0.187	3.3%	5595916	0.205	0.199	3.0%				
Hf	5595879	0.04	0.04	0.0%	5595899	0.08	0.08	0.0%	5595916	0.072	0.076	5.4%				
Hg	5595879	< 0.01	< 0.01	0.0%	5595899	< 0.01	< 0.01	0.0%	5595916	0.01	0.01	0.0%				
In	5595879	0.011	0.011	0.0%	5595899	0.013	0.013	0.0%	5595916	0.012	0.012	0.0%				
K	5595879	0.02	0.02	0.0%	5595899	0.291	0.296	1.7%	5595916	0.05	0.05	0.0%				
La	5595879	1.4	1.4	0.0%	5595899	1.2	1.2	0.0%	5595916	2.17	2.15	0.9%				
Li	5595879	12.0	12.2	1.7%	5595899	20.7	20.8	0.5%	5595916	24.2	24.0	0.8%				
Mg	5595879	0.72	0.73	1.4%	5595899	0.49	0.50	2.0%	5595916	1.02	1.00	2.0%				
Mn	5595879	313	320	2.2%	5595899	283	289	2.1%	5595916	330	319	3.4%				
Mo	5595879	0.21	0.21	0.0%	5595899	7.94	8.50	6.8%	5595916	0.57	0.48	17.1%				
Na	5595879	0.10	0.10	0.0%	5595899	0.034	0.036	5.7%	5595916	0.08	0.08	0.0%				
Nb	5595879	0.13	0.13	0.0%	5595899	0.18	0.18	0.0%	5595916	0.061	0.053	14.0%				
Ni	5595879	14.3	14.2	0.7%	5595899	83.9	83.2	0.8%	5595916	24.1	23.5	2.5%				
P	5595879	270	279	3.3%	5595899	308	284	8.1%	5595916	341	372	8.7%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5595879	1.61	1.66	3.1%	5595899	0.7	0.7	0.0%	5595916	19.1	18.9	1.1%				
Rb	5595879	3.73	3.77	1.1%	5595899	34.7	34.5	0.6%	5595916	3.69	3.64	1.4%				
Re	5595879	< 0.001	< 0.001	0.0%	5595899	0.0093	0.0098	5.2%	5595916	0.001	0.001	0.0%				
S	5595879	0.0637	0.0608	4.7%	5595899	0.609	0.619	1.6%	5595916	0.723	0.721	0.3%				
Sb	5595879	< 0.05	< 0.05	0.0%	5595899	< 0.05	< 0.05	0.0%	5595916	< 0.05	< 0.05	0.0%				
Sc	5595879	7.02	7.10	1.1%	5595899	11.2	11.6	3.5%	5595916	7.02	6.72	4.4%				
Se	5595879	0.24	0.25	4.1%	5595899	1.74	1.76	1.1%	5595916	0.83	0.87	4.7%				
Sn	5595879	< 0.2	< 0.2	0.0%	5595899	0.3	0.3	0.0%	5595916	< 0.2	< 0.2	0.0%				
Sr	5595879	5.69	5.75	1.0%	5595899	8.22	8.56	4.1%	5595916	12.8	12.2	4.8%				
Ta	5595879	< 0.01	< 0.01	0.0%	5595899	< 0.01	< 0.01	0.0%	5595916	< 0.01	< 0.01	0.0%				
Te	5595879	0.03	0.02		5595899	0.104	0.122	15.9%	5595916	0.17	0.18	5.7%				
Th	5595879	0.2	0.2	0.0%	5595899	0.2	0.2	0.0%	5595916	0.2	0.2	0.0%				
Ti	5595879	0.136	0.139	2.2%	5595899	0.190	0.199	4.6%	5595916	0.121	0.119	1.7%				
Tl	5595879	0.01	0.01	0.0%	5595899	0.196	0.195	0.5%	5595916	0.03	0.03	0.0%				
U	5595879	< 0.05	< 0.05	0.0%	5595899	< 0.05	< 0.05	0.0%	5595916	< 0.05	< 0.05	0.0%				
V	5595879	62.2	63.5	2.1%	5595899	88.1	89.6	1.7%	5595916	59.5	59.2	0.5%				
W	5595879	0.06	0.06	0.0%	5595899	0.733	0.765	4.3%	5595916	0.19	0.19	0.0%				
Y	5595879	4.69	4.77	1.7%	5595899	6.73	7.04	4.5%	5595916	4.58	4.45	2.9%				
Zn	5595879	19.0	19.1	0.5%	5595899	24.8	26.6	7.0%	5595916	150	149	0.7%				
Zr	5595879	0.9	0.9	0.0%	5595899	1.64	1.67	1.8%	5595916	1.39	1.34	3.7%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	184	102%	90% - 110%	180	178	99%	90% - 110%	180	175	97%	90% - 110%	180	181	101%	90% - 110%
Cu	3494	3459	99%	90% - 110%	3494	3391	97%	90% - 110%	3494	3294	94%	90% - 110%	3494	3395	97%	90% - 110%
Ni	2985	2839	95%	90% - 110%	2985	2767	93%	90% - 110%	2985	2736	92%	90% - 110%	2985	2828	95%	90% - 110%

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT NO: HARTE GOLD MH JULY20-REG

AGAT WORK ORDER: 14B865866
 ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
PROJECT NO: HARTE GOLD MH JULY20-REGAGAT WORK ORDER: 14B865866
ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: Harte Gold-MH-July20-Rush2day

AGAT WORK ORDER: 14T865980

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jul 23, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14T865980

PROJECT NO: Harte Gold-MH-July20-Rush2day

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Jul 23, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5553663 (5596355)		1.88	0.19	1.28	0.7	<0.005	<5	24	0.17	0.07	0.61	0.08	33.0	9.5	46.0
E5553664 (5596357)		1.51	0.09	0.83	0.5	<0.005	<5	60	0.06	0.17	0.42	0.06	54.7	7.4	48.4
E5553665 (5596358)		0.49	0.07	0.84	0.5	<0.005	<5	60	0.07	0.17	0.43	0.06	56.5	7.2	51.3
E5554512 (5596359)		2.93	0.14	0.44	0.3	<0.005	<5	5	<0.05	0.10	0.51	0.04	4.30	9.4	18.0
E5554516 (5596360)		1.99	0.13	3.05	0.6	<0.005	<5	2	<0.05	0.09	2.21	0.07	5.16	18.3	21.0
E5554173 (5596361)		0.52	0.06	1.15	0.4	<0.005	<5	12	0.07	0.23	0.37	0.05	67.6	11.2	80.7
E5554174 (5596362)		0.31	0.02	0.05	0.4	<0.005	<5	<1	<0.05	<0.01	0.01	<0.01	2.29	0.8	96.3
E5554175 (5596363)		0.78	0.34	0.85	0.4	<0.005	<5	2	<0.05	0.33	0.32	0.04	4.26	17.9	16.6
E5554176 (5596364)		0.79	5.27	0.17	0.5	<0.005	<5	11	<0.05	0.75	0.08	0.40	15.9	6.9	46.2
Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5553663 (5596355)		2.34	63.8	1.56	5.83	0.19	0.10	<0.01	0.010	0.08	16.3	17.5	1.04	124	0.30
E5553664 (5596357)		1.90	28.4	1.50	4.81	0.20	0.15	<0.01	0.008	0.16	24.8	13.5	0.80	137	0.31
E5553665 (5596358)		1.91	28.2	1.51	4.78	0.21	0.15	<0.01	0.008	0.16	25.3	13.5	0.77	138	0.31
E5554512 (5596359)		0.12	66.8	1.17	1.52	0.18	0.05	<0.01	0.009	0.02	2.0	2.9	0.40	132	2.36
E5554516 (5596360)		0.53	122	1.83	5.09	0.16	0.04	<0.01	0.009	0.02	2.1	1.6	0.30	95	0.44
E5554173 (5596361)		1.60	12.5	1.74	5.40	0.22	0.22	<0.01	0.009	0.04	29.5	22.9	1.31	154	1.57
E5554174 (5596362)		0.06	1.9	0.20	0.25	0.15	0.03	<0.01	<0.005	<0.01	1.1	0.6	0.05	18	0.20
E5554175 (5596363)		0.21	101	2.54	2.90	0.19	0.05	<0.01	0.009	<0.01	2.1	7.8	0.74	178	0.41
E5554176 (5596364)		0.27	10.5	1.19	0.43	0.18	0.08	<0.01	<0.005	0.08	7.4	0.5	0.02	28	1.07

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T865980

PROJECT NO: Harte Gold-MH-July20-Rush2day

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Jul 23, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5553663 (5596355)	0.04	0.26	9.5	830	5.9	5.4	<0.001	0.047	<0.05	5.2	0.2	<0.2	19.4	<0.01
E5553664 (5596357)	0.04	0.67	18.7	758	5.0	8.2	<0.001	0.095	<0.05	2.3	0.3	<0.2	12.3	<0.01
E5553665 (5596358)	0.04	0.75	18.3	799	5.0	8.2	<0.001	0.090	<0.05	2.3	0.3	<0.2	12.6	<0.01
E5554512 (5596359)	0.06	0.16	11.3	388	1.0	1.0	0.002	0.134	<0.05	3.9	0.3	<0.2	2.2	<0.01
E5554516 (5596360)	0.17	0.14	44.6	380	1.1	1.3	0.002	0.609	<0.05	3.7	1.1	<0.2	83.4	<0.01
E5554173 (5596361)	0.04	0.30	44.6	1090	2.6	2.9	<0.001	0.013	<0.05	3.7	<0.2	<0.2	11.9	<0.01
E5554174 (5596362)	<0.01	0.10	3.7	14	0.2	<0.1	<0.001	<0.005	<0.05	0.2	<0.2	<0.2	0.8	<0.01
E5554175 (5596363)	0.04	0.14	26.5	299	8.3	0.8	<0.001	0.341	<0.05	3.4	1.1	<0.2	2.1	<0.01
E5554176 (5596364)	<0.01	0.07	12.2	383	7.1	2.1	<0.001	0.883	<0.05	0.2	<0.2	<0.2	7.2	<0.01

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5553663 (5596355)	0.08	3.2	0.081	0.01	0.30	22.7	0.14	4.58	33.3	1.8
E5553664 (5596357)	0.04	5.6	0.096	0.02	0.55	32.5	0.13	4.16	31.0	4.8
E5553665 (5596358)	0.04	5.9	0.100	0.02	0.56	34.9	0.13	4.17	30.3	5.4
E5554512 (5596359)	0.06	0.8	0.055	<0.01	<0.05	32.0	0.06	2.69	16.8	1.1
E5554516 (5596360)	0.07	0.5	0.049	<0.01	<0.05	26.4	0.07	2.65	16.4	0.6
E5554173 (5596361)	0.03	7.6	0.107	<0.01	0.55	43.0	0.23	5.23	26.9	8.3
E5554174 (5596362)	0.02	0.5	<0.005	<0.01	<0.05	1.7	<0.05	0.10	5.1	0.7
E5554175 (5596363)	0.13	0.7	0.070	0.02	0.05	41.4	0.06	2.27	38.4	1.1
E5554176 (5596364)	0.08	1.5	<0.005	<0.01	0.37	1.1	0.05	1.84	57.5	2.2

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5596355	0.194	0.227	15.7%														
Al	5596355	1.28	1.26	1.6%														
As	5596355	0.7	0.7	0.0%														
Au	5596355	< 0.005	< 0.005	0.0%														
B	5596355	< 5	< 5	0.0%														
Ba	5596355	24	24	0.0%														
Be	5596355	0.17	0.17	0.0%														
Bi	5596355	0.07	0.07	0.0%														
Ca	5596355	0.61	0.61	0.0%														
Cd	5596355	0.076	0.068	11.1%														
Ce	5596355	33.0	32.9	0.3%														
Co	5596355	9.50	9.98	4.9%														
Cr	5596355	46.0	46.1	0.2%														
Cs	5596355	2.34	2.30	1.7%														
Cu	5596355	63.8	64.5	1.1%														
Fe	5596355	1.56	1.55	0.6%														
Ga	5596355	5.83	5.64	3.3%														
Ge	5596355	0.19	0.19	0.0%														
Hf	5596355	0.097	0.085	13.2%														
Hg	5596355	< 0.01	< 0.01	0.0%														
In	5596355	0.010	0.006															
K	5596355	0.08	0.08	0.0%														
La	5596355	16.3	16.0	1.9%														
Li	5596355	17.5	17.7	1.1%														
Mg	5596355	1.04	1.03	1.0%														
Mn	5596355	124	123	0.8%														
Mo	5596355	0.30	0.30	0.0%														
Na	5596355	0.04	0.04	0.0%														
Nb	5596355	0.255	0.247	3.2%														
Ni	5596355	9.5	9.4	1.1%														
P	5596355	830	878	5.6%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5596355	5.9	6.0	1.7%														
Rb	5596355	5.39	5.05	6.5%														
Re	5596355	< 0.001	< 0.001	0.0%														
S	5596355	0.047	0.061	25.9%														
Sb	5596355	< 0.05	< 0.05	0.0%														
Sc	5596355	5.21	5.37	3.0%														
Se	5596355	0.2	0.2	0.0%														
Sn	5596355	< 0.2	< 0.2	0.0%														
Sr	5596355	19.4	18.3	5.8%														
Ta	5596355	< 0.01	< 0.01	0.0%														
Te	5596355	0.08	0.04															
Th	5596355	3.2	3.7	14.5%														
Ti	5596355	0.081	0.080	1.2%														
Tl	5596355	0.01	0.01	0.0%														
U	5596355	0.30	0.30	0.0%														
V	5596355	22.7	22.4	1.3%														
W	5596355	0.14	0.14	0.0%														
Y	5596355	4.58	4.41	3.8%														
Zn	5596355	33.3	27.0	20.9%														
Zr	5596355	1.84	2.07	11.8%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	184	166	90%	90% - 110%										
Cu	3494	3466	99%	90% - 110%										
Ni	2985	2721	91%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T865980

PROJECT NO: Harte Gold-MH-July20-Rush2day

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T865980

PROJECT NO: Harte Gold-MH-July20-Rush2day

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: Harte Gold MH-July20-Rush5day

AGAT WORK ORDER: 14B865869

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Jul 28, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B865869

PROJECT NO: Harte Gold MH-July20-Rush5day

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5391003 (5595968)		0.92	0.39	1.09	0.5	<0.005	<5	11	<0.05	0.02	1.23	0.41	4.20	9.4	38.5
E5391004 (5595969)		1.00	0.45	1.10	0.5	<0.005	<5	11	<0.05	0.02	1.24	0.42	4.09	9.5	39.9
E5391005 (5595970)		0.52	0.17	1.22	0.4	<0.005	<5	10	0.06	0.40	2.48	0.09	4.78	16.9	71.5
E5391006 (5595971)		0.74	0.03	1.75	0.3	<0.005	<5	11	0.06	0.02	1.55	0.03	5.62	4.5	22.7
E5391007 (5595972)		0.80	0.04	1.10	0.3	<0.005	<5	13	<0.05	0.23	0.94	0.03	4.22	14.9	86.0
E5391008 (5595973)		0.64	0.04	1.12	0.3	<0.005	<5	12	<0.05	0.23	0.96	0.03	4.11	15.4	88.1
E5391009 (5595974)		0.80	0.08	1.76	<0.1	<0.005	<5	14	<0.05	0.29	1.47	0.06	7.17	19.7	94.7
E5554161 (5595975)		0.46	0.14	1.09	0.5	0.007	<5	28	<0.05	0.52	1.04	0.05	4.21	16.8	63.4
E5554162 (5595976)		0.62	0.14	1.06	0.5	<0.005	<5	28	<0.05	0.53	1.00	0.05	4.09	16.9	62.8
E5554163 (5595977)		0.82	0.10	1.31	0.5	<0.005	<5	43	<0.05	0.20	1.25	0.04	6.34	21.1	66.4
E5554164 (5595978)		0.86	0.12	1.26	0.5	<0.005	<5	45	<0.05	0.19	1.24	0.04	6.48	21.4	65.1
E5554165 (5595979)		0.62	0.09	1.22	0.4	<0.005	<5	12	<0.05	0.20	1.07	0.06	6.58	12.3	61.0
E5554181 (5595980)		0.80	0.13	1.02	0.4	<0.005	<5	7	<0.05	0.32	0.93	0.05	8.17	20.8	46.4
Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5391003 (5595968)		0.30	854	1.31	2.12	0.21	0.05	<0.01	0.006	0.02	2.1	3.7	0.40	184	0.50
E5391004 (5595969)		0.30	873	1.34	2.10	0.20	0.05	<0.01	0.006	0.02	2.1	3.6	0.41	187	0.49
E5391005 (5595970)		0.16	163	2.52	3.61	0.23	0.06	<0.01	0.014	0.07	2.1	11.9	1.08	516	0.34
E5391006 (5595971)		0.16	24.3	0.93	2.90	0.18	0.04	<0.01	0.006	0.02	2.4	2.3	0.34	171	0.24
E5391007 (5595972)		0.61	53.3	2.13	2.99	0.21	0.04	<0.01	0.008	0.05	1.8	21.3	0.99	241	1.01
E5391008 (5595973)		0.57	53.3	2.17	3.09	0.21	0.04	<0.01	0.008	0.05	1.7	21.8	1.00	252	0.42
E5391009 (5595974)		0.63	127	2.83	4.23	0.21	0.04	<0.01	0.011	0.07	2.9	21.7	1.23	410	0.36
E5554161 (5595975)		0.78	184	2.63	2.80	0.21	0.04	<0.01	0.009	0.07	1.9	9.6	0.75	339	0.91
E5554162 (5595976)		0.78	185	2.58	2.74	0.21	0.03	<0.01	0.009	0.07	1.9	9.4	0.73	327	0.85
E5554163 (5595977)		1.34	147	2.98	3.38	0.23	0.04	<0.01	0.010	0.08	2.5	16.5	0.98	383	0.40
E5554164 (5595978)		1.39	139	2.88	3.51	0.23	0.05	<0.01	0.011	0.08	2.6	16.9	0.95	372	0.39
E5554165 (5595979)		0.50	80.3	2.27	3.18	0.20	0.05	<0.01	0.010	0.04	2.6	18.2	0.82	333	2.06
E5554181 (5595980)		0.34	200	2.77	3.20	0.22	0.05	<0.01	0.012	0.03	3.1	9.3	0.71	330	1.46

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14B865869

PROJECT NO: Harte Gold MH-July20-Rush5day

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 21, 2014

DATE RECEIVED: Jul 21, 2014

DATE REPORTED: Jul 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5391003 (5595968)		0.06	0.26	16.7	299	4.5	1.8	<0.001	0.277	<0.05	3.5	0.9	<0.2	24.9	<0.01
E5391004 (5595969)		0.06	0.27	18.2	332	4.6	1.7	<0.001	0.282	<0.05	3.6	0.9	<0.2	24.3	<0.01
E5391005 (5595970)		0.07	0.09	44.8	394	2.4	1.6	<0.001	0.142	<0.05	7.3	0.5	0.2	12.8	<0.01
E5391006 (5595971)		0.18	0.28	9.1	337	0.3	1.1	<0.001	0.018	<0.05	3.7	0.3	<0.2	15.0	<0.01
E5391007 (5595972)		0.07	0.13	22.1	339	0.5	3.0	<0.001	0.116	<0.05	4.7	0.4	<0.2	5.5	<0.01
E5391008 (5595973)		0.08	0.12	22.9	353	0.5	3.0	<0.001	0.117	<0.05	5.0	0.4	<0.2	5.3	<0.01
E5391009 (5595974)		0.12	0.16	26.4	550	1.2	3.7	<0.001	0.152	<0.05	7.1	0.6	<0.2	8.1	<0.01
E5554161 (5595975)		0.09	0.19	20.6	398	1.2	4.2	<0.001	0.338	<0.05	5.7	1.0	<0.2	7.3	<0.01
E5554162 (5595976)		0.09	0.17	19.9	382	1.2	4.2	<0.001	0.344	<0.05	5.4	0.9	<0.2	7.0	<0.01
E5554163 (5595977)		0.11	0.13	31.6	454	1.0	7.4	<0.001	0.458	<0.05	6.2	0.7	<0.2	6.8	<0.01
E5554164 (5595978)		0.10	0.13	29.6	434	1.0	7.9	<0.001	0.437	<0.05	6.4	0.7	<0.2	6.9	<0.01
E5554165 (5595979)		0.08	0.24	18.0	398	1.0	2.2	<0.001	0.108	<0.05	5.2	0.5	<0.2	6.5	<0.01
E5554181 (5595980)		0.08	0.11	26.7	461	0.8	1.5	0.001	0.454	<0.05	6.1	1.0	<0.2	4.4	<0.01
Sample ID (AGAT ID)	Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr				
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
	RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5				
E5391003 (5595968)		0.07	0.4	0.123	0.01	<0.05	35.2	<0.05	3.49	75.5	0.8				
E5391004 (5595969)		0.09	0.3	0.124	0.01	<0.05	36.3	<0.05	3.37	77.1	0.7				
E5391005 (5595970)		0.05	0.3	0.135	0.02	<0.05	84.0	0.20	4.41	45.3	1.1				
E5391006 (5595971)		0.02	0.2	0.127	<0.01	<0.05	32.6	<0.05	4.99	9.9	0.6				
E5391007 (5595972)		0.06	0.3	0.149	0.01	<0.05	59.2	0.15	3.45	16.0	0.8				
E5391008 (5595973)		0.06	0.3	0.153	0.01	<0.05	61.8	0.16	3.48	15.9	0.9				
E5391009 (5595974)		0.08	0.4	0.122	0.03	0.05	74.9	0.09	4.27	35.2	0.9				
E5554161 (5595975)		0.13	0.3	0.113	0.03	<0.05	59.5	0.11	3.31	22.5	0.7				
E5554162 (5595976)		0.15	0.3	0.107	0.03	<0.05	57.4	0.10	3.17	21.4	0.7				
E5554163 (5595977)		0.16	0.4	0.131	0.05	<0.05	71.0	0.11	3.98	27.1	0.7				
E5554164 (5595978)		0.15	0.4	0.128	0.05	<0.05	69.9	0.11	4.13	26.4	0.8				
E5554165 (5595979)		0.10	0.4	0.130	0.02	0.06	62.3	0.13	3.61	19.4	0.8				
E5554181 (5595980)		0.15	0.4	0.113	0.01	<0.05	73.4	0.14	4.41	26.2	0.7				

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5595970	0.167	0.141	16.9%														
Al	5595970	1.22	1.17	4.2%														
As	5595970	0.4	0.2															
Au	5595970	< 0.005	< 0.005	0.0%														
B	5595970	< 5	< 5	0.0%														
Ba	5595970	10	10	0.0%														
Be	5595970	0.06	0.06	0.0%														
Bi	5595970	0.400	0.391	2.3%														
Ca	5595970	2.48	2.44	1.6%														
Cd	5595970	0.089	0.084	5.8%														
Ce	5595970	4.78	4.59	4.1%														
Co	5595970	16.9	16.9	0.0%														
Cr	5595970	71.5	66.4	7.4%														
Cs	5595970	0.16	0.16	0.0%														
Cu	5595970	163	160	1.9%														
Fe	5595970	2.52	2.44	3.2%														
Ga	5595970	3.61	3.56	1.4%														
Ge	5595970	0.228	0.225	1.3%														
Hf	5595970	0.06	0.06	0.0%														
Hg	5595970	< 0.01	< 0.01	0.0%														
In	5595970	0.014	0.013	7.4%														
K	5595970	0.07	0.07	0.0%														
La	5595970	2.08	2.03	2.4%														
Li	5595970	11.9	12.1	1.7%														
Mg	5595970	1.08	1.05	2.8%														
Mn	5595970	516	484	6.4%														
Mo	5595970	0.34	0.33	3.0%														
Na	5595970	0.07	0.07	0.0%														
Nb	5595970	0.09	0.09	0.0%														
Ni	5595970	44.8	42.4	5.5%														
P	5595970	394	365	7.6%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5595970	2.4	2.4	0.0%														
Rb	5595970	1.6	1.6	0.0%														
Re	5595970	< 0.001	< 0.001	0.0%														
S	5595970	0.142	0.133	6.5%														
Sb	5595970	< 0.05	< 0.05	0.0%														
Sc	5595970	7.3	6.9	5.6%														
Se	5595970	0.5	0.5	0.0%														
Sn	5595970	0.2	0.2	0.0%														
Sr	5595970	12.8	12.4	3.2%														
Ta	5595970	< 0.01	< 0.01	0.0%														
Te	5595970	0.05	0.05	0.0%														
Th	5595970	0.3	0.3	0.0%														
Ti	5595970	0.135	0.128	5.3%														
Tl	5595970	0.02	0.02	0.0%														
U	5595970	< 0.05	< 0.05	0.0%														
V	5595970	84.0	79.5	5.5%														
W	5595970	0.20	0.20	0.0%														
Y	5595970	4.41	4.18	5.4%														
Zn	5595970	45.3	44.2	2.5%														
Zr	5595970	1.1	1.1	0.0%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	180	162	90%	90% - 110%	180	163	90%	90% - 110%								
Cu	3494	3660	105%	90% - 110%	3494	3557	102%	90% - 110%								
Ni	2985	2768	93%	90% - 110%	2985	2717	91%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT NO: Harte Gold MH-July20-Rush5day

AGAT WORK ORDER: 14B865869
 ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B865869

PROJECT NO: Harte Gold MH-July20-Rush5day

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: July 25th 2014 Batch

AGAT WORK ORDER: 14B868106

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 08, 2014

PAGES (INCLUDING COVER): 12

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 25, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 08, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5554190 (5616195)	0.82	0.06	2.70	2.8	<0.005	<5	95	0.09	0.03	2.37	0.12	2.95	33.2	43.2
E5554191 (5616196)	0.94	0.24	2.24	4.9	0.046	<5	200	0.11	0.05	1.29	0.11	4.72	20.3	66.2
E5554192 (5616197)	0.72	0.07	1.30	0.7	<0.005	<5	14	0.05	0.01	1.25	0.09	3.12	13.3	55.8
E5554193 (5616198)	0.78	0.11	1.06	0.4	<0.005	<5	7	<0.05	0.06	0.90	0.14	5.04	13.6	29.3
E5554194 (5616199)	0.64	0.25	1.99	0.6	0.015	<5	28	0.08	0.45	0.91	0.42	5.51	25.3	53.4
E5554195 (5616200)	0.90	0.09	1.66	0.7	<0.005	<5	87	0.07	0.20	0.32	0.14	32.2	13.9	49.4
E5554196 (5616201)	0.64	0.04	1.23	0.6	<0.005	<5	107	0.06	0.06	0.38	0.13	22.0	12.4	49.8
E5554197 (5616202)	0.74	0.30	1.69	1.1	0.182	<5	170	0.22	0.25	1.30	0.55	4.75	25.8	50.4
E5554198 (5616203)	0.64	0.18	1.18	0.5	<0.005	<5	12	<0.05	0.05	1.31	0.09	5.20	45.9	33.6
E5554199 (5616204)	0.88	0.08	1.56	0.5	<0.005	<5	10	0.06	0.02	1.61	0.07	7.04	27.4	40.3
E5554200 (5616205)	0.80	0.04	0.98	0.5	<0.005	<5	9	<0.05	<0.01	1.02	0.04	5.97	18.9	28.6
E5554201 (5616206)	0.86	0.06	1.48	0.7	<0.005	<5	18	0.07	0.02	2.01	0.08	7.72	26.1	39.2
E5554202 (5616207)	0.78	0.08	1.23	0.5	<0.005	<5	4	0.08	0.62	1.39	0.10	3.37	22.9	22.0
E5554203 (5616208)	0.60	0.04	0.38	0.6	<0.005	<5	19	0.06	0.46	1.68	0.13	8.15	2.2	16.0
E5554204 (5616209)	1.00	0.04	1.09	0.5	<0.005	<5	59	0.05	0.07	0.44	0.10	20.5	6.3	21.3
E5554205 (5616210)	0.56	0.05	0.95	0.5	<0.005	<5	55	0.13	0.21	0.54	0.06	22.0	3.4	22.5
E5554206 (5616211)	0.60	0.07	1.89	0.4	<0.005	<5	15	0.08	0.04	1.51	0.07	4.46	21.5	22.5
E5554207 (5616212)	0.78	0.03	0.50	0.6	<0.005	<5	4	0.05	0.03	0.20	0.06	22.2	4.8	39.9
E5554208 (5616213)	0.72	0.44	0.07	0.6	<0.005	<5	1	<0.05	0.02	0.04	0.09	0.88	1.8	34.1
E5554209 (5616214)	0.62	0.21	0.14	0.7	<0.005	<5	3	<0.05	0.03	0.12	0.03	1.21	1.3	33.5
E5554520 (5616215)	1.06	0.05	1.70	0.6	<0.005	<5	8	0.06	0.31	1.03	0.03	5.11	20.9	56.4
E5553666 (5616216)	0.86	0.03	1.20	0.5	<0.005	<5	4	<0.05	0.01	1.22	0.03	3.51	11.5	34.7
E5553667 (5616217)	0.84	0.86	1.08	78.8	0.161	<5	81	0.13	0.22	1.13	0.31	5.25	32.5	19.5
E5553668 (5616218)	1.32	0.10	1.25	2.0	<0.005	<5	107	0.10	0.05	1.01	0.07	31.6	8.2	23.7
E5553669 (5616219)	2.00	0.06	0.74	0.8	<0.005	<5	22	0.09	0.16	0.59	0.22	32.6	5.7	18.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 25, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 08, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5554190 (5616195)	1.39	92.2	2.32	4.73	0.09	0.04	<0.01	0.024	0.34	1.1	10.1	1.10	386	0.41
E5554191 (5616196)	2.66	64.2	4.22	6.43	0.21	0.05	<0.01	0.029	0.80	2.0	10.9	1.45	522	0.53
E5554192 (5616197)	0.50	109	3.16	4.19	0.08	0.07	<0.01	0.031	0.03	1.3	5.9	0.88	449	0.34
E5554193 (5616198)	0.49	63.6	3.18	5.12	0.20	0.07	<0.01	0.038	0.06	2.0	5.5	0.69	452	0.28
E5554194 (5616199)	0.88	288	4.84	5.99	0.19	0.05	<0.01	0.038	0.08	2.3	22.8	1.30	319	0.94
E5554195 (5616200)	2.02	128	3.67	6.53	0.18	0.23	<0.01	0.026	0.45	13.7	17.4	1.00	330	1.37
E5554196 (5616201)	1.08	27.1	2.21	5.87	0.17	0.28	<0.01	0.011	0.24	11.1	16.4	0.84	310	0.58
E5554197 (5616202)	1.87	334	5.09	4.72	0.17	0.12	0.02	0.015	0.35	2.0	14.6	0.72	424	0.83
E5554198 (5616203)	0.16	597	3.35	3.64	0.19	0.06	<0.01	0.023	0.04	2.1	3.6	0.74	429	0.48
E5554199 (5616204)	0.22	114	2.78	3.73	0.17	0.05	<0.01	0.018	0.03	2.8	4.0	0.81	395	0.60
E5554200 (5616205)	0.29	128	2.22	3.02	0.18	0.06	<0.01	0.018	0.03	2.5	3.0	0.66	343	0.48
E5554201 (5616206)	0.39	196	2.82	4.40	0.18	0.06	<0.01	0.024	0.04	3.4	6.8	0.96	406	0.63
E5554202 (5616207)	0.10	144	2.29	3.14	<0.05	0.08	<0.01	0.011	0.02	1.4	10.0	0.53	334	37.1
E5554203 (5616208)	0.22	14.4	0.61	1.22	0.13	0.02	<0.01	0.017	0.03	3.8	0.6	0.08	286	1.99
E5554204 (5616209)	1.06	20.0	1.84	5.29	0.16	0.14	<0.01	0.018	0.44	10.4	12.1	0.52	342	0.91
E5554205 (5616210)	0.78	33.9	1.80	5.42	0.15	0.11	<0.01	0.015	0.10	10.3	6.8	0.53	180	0.95
E5554206 (5616211)	0.60	99.6	3.35	6.08	0.15	0.09	<0.01	0.021	0.05	2.0	26.1	1.07	518	0.60
E5554207 (5616212)	0.22	8.2	1.05	2.44	0.14	0.09	<0.01	0.008	0.01	10.3	7.2	0.44	107	7.06
E5554208 (5616213)	<0.05	31.0	0.67	0.25	<0.05	<0.02	<0.01	<0.005	<0.01	0.4	1.3	0.03	50	3.72
E5554209 (5616214)	0.07	14.1	0.69	0.46	<0.05	<0.02	<0.01	<0.005	<0.01	0.6	1.6	0.05	61	3.20
E5554520 (5616215)	0.39	53.7	2.94	3.84	0.11	0.05	<0.01	0.011	0.02	2.3	22.1	1.29	443	3.08
E5553666 (5616216)	0.15	26.2	2.27	3.62	<0.05	0.06	<0.01	0.018	0.02	1.4	3.9	0.92	350	0.41
E5553667 (5616217)	4.86	194	6.27	4.98	0.25	0.22	0.02	0.029	0.24	2.1	6.5	0.69	598	0.92
E5553668 (5616218)	1.35	44.9	2.33	6.21	0.17	0.06	<0.01	0.016	0.21	16.2	8.1	0.80	333	0.89
E5553669 (5616219)	0.44	38.5	1.58	3.30	0.16	0.15	<0.01	0.036	0.05	16.9	3.6	0.62	151	0.89

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 25, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 08, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5554190 (5616195)		0.10	0.15	216	292	3.1	22.6	0.001	0.299	<0.05	5.5	0.4	<0.2	55.4	<0.01
E5554191 (5616196)		0.15	0.16	25.9	363	2.6	29.8	0.002	0.296	<0.05	8.7	0.6	0.2	31.2	<0.01
E5554192 (5616197)		0.22	0.09	26.0	375	1.2	2.1	0.001	0.071	<0.05	12.9	0.5	0.2	5.8	<0.01
E5554193 (5616198)		0.14	0.16	19.8	429	0.6	3.9	0.001	0.319	<0.05	10.4	0.7	0.4	4.8	<0.01
E5554194 (5616199)		0.12	0.12	27.7	368	3.7	4.4	0.002	0.915	<0.05	11.0	3.7	0.4	17.3	<0.01
E5554195 (5616200)		0.07	0.60	23.7	624	3.0	23.2	<0.001	0.054	<0.05	4.8	0.6	0.3	8.0	<0.01
E5554196 (5616201)		0.09	0.55	31.5	549	2.0	12.4	<0.001	0.014	<0.05	4.0	0.2	0.3	7.3	<0.01
E5554197 (5616202)		0.03	0.34	56.9	627	12.5	23.1	0.003	1.42	<0.05	6.8	1.0	0.3	8.9	<0.01
E5554198 (5616203)		0.20	0.11	93.3	405	0.7	1.1	0.003	0.650	<0.05	10.4	1.8	<0.2	6.5	<0.01
E5554199 (5616204)		0.19	0.11	66.5	428	0.7	1.4	0.002	0.516	<0.05	10.8	1.3	<0.2	13.5	<0.01
E5554200 (5616205)		0.18	0.07	48.1	355	0.6	1.2	0.001	0.133	<0.05	9.0	0.4	<0.2	8.6	<0.01
E5554201 (5616206)		0.23	0.13	67.9	542	3.8	1.4	0.002	0.248	<0.05	12.0	0.7	0.2	56.2	<0.01
E5554202 (5616207)		0.05	0.20	49.8	328	0.6	0.8	0.008	0.135	<0.05	4.1	0.4	0.2	20.9	<0.01
E5554203 (5616208)		0.06	0.44	3.8	239	1.0	1.3	<0.001	0.038	<0.05	1.0	<0.2	<0.2	17.1	<0.01
E5554204 (5616209)		0.09	0.43	8.7	418	1.0	26.4	<0.001	0.013	<0.05	3.1	<0.2	0.4	8.4	<0.01
E5554205 (5616210)		0.11	0.28	7.9	561	2.7	5.6	<0.001	0.180	<0.05	3.1	0.4	0.3	14.1	<0.01
E5554206 (5616211)		0.11	0.12	24.9	366	1.2	4.2	0.002	0.182	<0.05	11.2	0.8	0.2	11.3	<0.01
E5554207 (5616212)		0.06	0.28	13.2	297	1.6	0.8	0.004	0.010	<0.05	2.6	<0.2	<0.2	8.6	<0.01
E5554208 (5616213)		<0.01	0.21	3.0	22	15.8	0.3	<0.001	0.012	<0.05	0.1	<0.2	<0.2	1.4	<0.01
E5554209 (5616214)		0.01	0.20	3.2	25	3.5	0.5	<0.001	0.010	<0.05	0.3	<0.2	<0.2	1.8	<0.01
E5554520 (5616215)		0.06	0.10	40.8	212	0.6	1.1	0.001	0.086	<0.05	5.4	0.4	<0.2	9.7	<0.01
E5553666 (5616216)		0.19	0.06	22.9	326	0.3	0.6	0.001	0.036	<0.05	10.8	<0.2	<0.2	4.0	<0.01
E5553667 (5616217)		0.12	0.21	40.5	534	1.3	17.5	0.003	2.87	<0.05	15.3	1.3	0.4	3.5	<0.01
E5553668 (5616218)		0.11	0.40	12.3	595	1.5	16.2	<0.001	0.111	<0.05	4.7	0.3	0.5	17.0	<0.01
E5553669 (5616219)		0.15	0.25	7.2	587	1.6	2.6	<0.001	0.159	<0.05	2.4	0.3	0.3	19.5	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 25, 2014

DATE RECEIVED: Jul 25, 2014

DATE REPORTED: Aug 08, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5554190 (5616195)	0.05	0.2	0.167	0.16	<0.05	58.5	0.14	4.18	63.0	0.7
E5554191 (5616196)	0.12	0.3	0.303	0.17	<0.05	120	1.20	6.13	74.4	0.8
E5554192 (5616197)	0.03	0.3	0.116	0.02	<0.05	96.1	<0.05	6.40	53.0	1.1
E5554193 (5616198)	0.08	0.4	0.178	0.04	<0.05	109	0.08	6.47	81.5	1.6
E5554194 (5616199)	0.41	0.4	0.181	0.05	0.07	110	0.17	5.09	106	1.0
E5554195 (5616200)	0.18	3.7	0.149	0.13	0.56	53.6	0.14	3.60	98.5	10.8
E5554196 (5616201)	0.03	3.8	0.150	0.07	0.37	48.0	0.11	3.14	77.6	12.3
E5554197 (5616202)	0.16	0.3	0.221	0.12	<0.05	97.0	23.9	5.50	102	1.5
E5554198 (5616203)	0.09	0.3	0.105	0.01	<0.05	84.8	0.58	5.94	38.5	1.1
E5554199 (5616204)	0.02	0.3	0.125	0.01	<0.05	92.8	0.20	6.34	37.2	1.2
E5554200 (5616205)	0.01	0.2	0.093	0.01	<0.05	75.8	0.08	5.34	27.3	1.0
E5554201 (5616206)	0.01	0.3	0.132	0.02	0.05	102	0.11	7.66	39.2	1.4
E5554202 (5616207)	0.04	0.2	0.178	<0.01	<0.05	61.6	0.22	4.84	15.4	1.9
E5554203 (5616208)	0.02	1.0	0.038	<0.01	0.11	11.9	0.18	1.91	44.9	1.1
E5554204 (5616209)	<0.01	2.0	0.127	0.16	0.19	53.8	0.15	2.67	59.0	5.7
E5554205 (5616210)	0.03	1.9	0.116	0.03	0.33	34.5	0.15	2.51	44.6	4.0
E5554206 (5616211)	0.09	0.3	0.186	0.03	<0.05	108	0.06	7.52	36.4	1.6
E5554207 (5616212)	0.01	1.7	0.042	<0.01	0.16	20.5	0.11	2.05	22.4	3.2
E5554208 (5616213)	<0.01	0.1	<0.005	<0.01	<0.05	3.0	<0.05	0.11	26.6	<0.5
E5554209 (5616214)	0.01	0.1	0.009	<0.01	<0.05	5.2	<0.05	0.28	12.8	<0.5
E5554520 (5616215)	0.04	0.2	0.145	0.01	<0.05	75.0	0.22	4.08	24.6	0.9
E5553666 (5616216)	<0.01	0.3	0.102	<0.01	<0.05	89.6	<0.05	5.71	24.5	1.3
E5553667 (5616217)	0.17	0.3	0.321	0.13	0.05	167	34.4	10.3	58.8	2.8
E5553668 (5616218)	0.02	1.7	0.151	0.08	0.27	51.4	0.99	3.79	51.4	2.2
E5553669 (5616219)	0.03	2.5	0.084	0.01	0.24	29.0	0.23	2.99	106	6.6

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Jul 25, 2014		DATE RECEIVED: Jul 25, 2014					DATE REPORTED: Aug 08, 2014					SAMPLE TYPE: Rock				
	Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
	Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
E5554198 (5616203)		15.1	0.01	9.46	0.02	16.5	0.21	5.70	0.24	2.98	0.08	45.6	1.26	0.01	0.06	
	Analyte:	LOI	Total													
	Unit:	%	%													
Sample ID (AGAT ID)	RDL:	0.01	0.01													
E5554198 (5616203)		1.23	98.4													

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5616207	0.08	0.09	11.8%														
Al	5616207	1.23	1.21	1.6%														
As	5616207	0.5	0.4	22.2%														
Au	5616207	< 0.005	< 0.005	0.0%														
B	5616207	< 5	< 5	0.0%														
Ba	5616207	4	5	22.2%														
Be	5616207	0.081	0.091	11.6%														
Bi	5616207	0.618	0.626	1.3%														
Ca	5616207	1.39	1.38	0.7%														
Cd	5616207	0.098	0.091	7.4%														
Ce	5616207	3.37	3.26	3.3%														
Co	5616207	22.9	22.1	3.6%														
Cr	5616207	22.0	21.0	4.7%														
Cs	5616207	0.10	0.10	0.0%														
Cu	5616207	144	142	1.4%														
Fe	5616207	2.29	2.23	2.7%														
Ga	5616207	3.14	3.06	2.6%														
Ge	5616207	< 0.05	< 0.05	0.0%														
Hf	5616207	0.08	0.07	13.3%														
Hg	5616207	< 0.01	< 0.01	0.0%														
In	5616207	0.011	0.011	0.0%														
K	5616207	0.02	0.02	0.0%														
La	5616207	1.4	1.4	0.0%														
Li	5616207	10.0	9.8	2.0%														
Mg	5616207	0.53	0.53	0.0%														
Mn	5616207	334	326	2.4%														
Mo	5616207	37.1	35.4	4.7%														
Na	5616207	0.05	0.05	0.0%														
Nb	5616207	0.197	0.195	1.0%														
Ni	5616207	49.8	48.0	3.7%														
P	5616207	328	332	1.2%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5616207	0.6	0.6	0.0%																
Rb	5616207	0.8	0.8	0.0%																
Re	5616207	0.008	0.008	0.0%																
S	5616207	0.135	0.135	0.0%																
Sb	5616207	< 0.05	< 0.05	0.0%																
Sc	5616207	4.1	4.1	0.0%																
Se	5616207	0.41	0.48	15.7%																
Sn	5616207	0.2	0.2	0.0%																
Sr	5616207	20.9	19.4	7.4%																
Ta	5616207	< 0.01	< 0.01	0.0%																
Te	5616207	0.04	0.04	0.0%																
Th	5616207	0.16	0.14	13.3%																
Ti	5616207	0.178	0.174	2.3%																
Tl	5616207	< 0.01	< 0.01	0.0%																
U	5616207	< 0.05	< 0.05	0.0%																
V	5616207	61.6	60.2	2.3%																
W	5616207	0.222	0.214	3.7%																
Y	5616207	4.84	4.66	3.8%																
Zn	5616207	15.4	16.1	4.4%																
Zr	5616207	1.91	1.71	11.0%																

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	REPLICATE #1				RPD																	
	Sample ID	Original	Replicate	RPD																		
Al2O3	5616203	15.1	15.3	1.1%																		
BaO	5616203	0.01	<0.01	0.0%																		
CaO	5616203	9.46	9.53	0.8%																		
Cr2O3	5616203	0.02	0.02	9.1%																		
Fe2O3	5616203	16.5	16.6	0.5%																		
K2O	5616203	0.21	0.21	2.9%																		
MgO	5616203	5.70	5.78	1.4%																		
MnO	5616203	0.24	0.25	2.3%																		
Na2O	5616203	2.98	3.02	1.0%																		
P2O5	5616203	0.08	0.07	5.3%																		
SiO2	5616203	45.6	46.1	1.0%																		



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 14B868106
PROJECT NO: July 25th 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

TiO2	5616203	1.26	1.25	0.5%												
SrO	5616203	0.01	0.01	15.4%												
V2O5	5616203	0.06	0.06	3.1%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Co	180	170	95%	90% - 110%	180	167	93%	90% - 110%							
Cu	3494	3395	97%	90% - 110%	3494	3398	97%	90% - 110%							
Ni	2985	2828	95%	90% - 110%	2985	2760	92%	90% - 110%							

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1 (sy-4)				CRM #2										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Al2O3	20.69	20.552	99%	90% - 110%											
BaO					0.04	0.04	100%	90% - 110%							
CaO	8.05	8.011	100%	90% - 110%											
Fe2O3	6.21	6.244	101%	90% - 110%											
K2O	1.66	1.644	99%	90% - 110%											
MgO	0.54	0.515	95%	90% - 110%											
MnO	0.1080	0.10417	96%	90% - 110%											
Na2O	7.10	7.097	100%	90% - 110%											
P2O5	0.1310	0.119	91%	90% - 110%											
SiO2	49.90	49.59	99%	90% - 110%											
TiO2	0.2870	0.292	102%	90% - 110%											
SrO	0.1408	0.137	97%	90% - 110%											

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B868106

PROJECT NO: July 25th 2014 Batch

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Al ₂ O ₃	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr ₂ O ₃	MIN-200-12027		XRF
Fe ₂ O ₃	MIN-200-12027		XRF
K ₂ O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: July 29 2014 Batch

AGAT WORK ORDER: 14B869270

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 06, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B869270

PROJECT NO: July 29 2014 Batch

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 06, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5554310 (5628375)		0.80	0.13	6.38	0.6	<0.005	<5	8	0.11	0.06	0.50	0.08	12.6	69.9	292
E5554311 (5628376)		0.70	0.08	1.79	0.7	<0.005	<5	11	0.06	0.18	1.18	0.07	4.49	13.3	57.2
E5554312 (5628377)		0.40	0.07	0.48	2.6	0.115	<5	4	<0.05	0.16	0.33	0.03	1.25	3.3	33.6
E5554313 (5628378)		0.60	0.04	0.86	1.5	<0.005	<5	5	<0.05	0.02	0.37	0.03	22.0	4.7	12.6
E5554314 (5628379)		0.78	0.12	3.64	1.2	<0.005	<5	4	0.08	0.10	2.99	0.12	5.96	20.8	40.4
E5554315 (5628380)		0.60	0.07	1.46	0.6	<0.005	<5	3	<0.05	0.06	1.35	0.07	4.01	7.0	44.7
E5554316 (5628381)		1.08	0.04	2.39	0.6	<0.005	<5	6	0.07	0.03	2.02	0.03	6.94	12.5	46.1
E5554317 (5628382)		0.60	0.02	1.47	0.4	<0.005	<5	4	<0.05	<0.01	1.67	0.05	3.39	9.6	47.1
E5554318 (5628383)		0.82	0.02	2.26	0.5	<0.005	<5	8	0.06	0.02	2.10	0.03	6.30	14.7	37.3
E5554319 (5628384)		1.28	0.05	0.72	0.6	<0.005	<5	13	<0.05	0.11	0.76	0.05	10.8	6.3	29.1
E5554320 (5628385)		0.78	0.07	0.83	0.4	<0.005	<5	25	0.07	2.25	1.35	0.05	2.64	4.0	20.3
E5553670 (5628386)		1.14	1.73	3.78	8.8	0.143	<5	29	0.51	0.18	2.19	0.40	5.04	33.4	144
Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5554310 (5628375)		1.86	247	11.0	15.3	0.20	0.03	<0.01	0.011	0.02	4.2	64.4	4.10	2300	0.69
E5554311 (5628376)		4.19	125	3.81	4.60	0.14	0.05	<0.01	0.030	0.12	1.8	15.8	1.24	295	1.21
E5554312 (5628377)		0.38	30.6	2.42	1.48	0.10	0.03	<0.01	0.007	0.02	0.5	2.4	0.27	131	1.98
E5554313 (5628378)		0.26	16.4	1.27	1.96	0.09	0.12	<0.01	0.008	0.01	9.6	4.8	0.29	127	0.68
E5554314 (5628379)		0.31	239	3.35	5.97	0.11	0.03	<0.01	0.015	0.02	2.4	3.2	0.82	328	0.53
E5554315 (5628380)		0.05	133	2.96	3.53	0.12	0.04	<0.01	0.026	0.02	1.6	3.3	1.01	289	7.25
E5554316 (5628381)		0.46	129	2.60	4.37	0.12	0.03	<0.01	0.015	0.02	2.8	4.7	0.95	364	0.38
E5554317 (5628382)		0.09	25.7	2.79	3.25	0.13	0.05	<0.01	0.017	0.02	1.3	2.8	1.05	476	0.28
E5554318 (5628383)		0.26	109	2.88	4.50	0.13	0.04	<0.01	0.018	0.03	2.7	6.4	1.27	468	0.22
E5554319 (5628384)		0.50	76.6	1.66	2.24	0.09	0.04	<0.01	0.008	0.04	5.0	3.1	0.40	256	3.43
E5554320 (5628385)		0.95	83.5	2.22	2.67	0.15	0.14	<0.01	0.009	0.02	1.1	1.5	0.16	190	1.16
E5553670 (5628386)		3.79	87.3	8.81	10.7	0.16	0.16	0.03	0.015	0.84	2.1	16.1	1.27	1340	0.59

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14B869270

PROJECT NO: July 29 2014 Batch

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Jul 29, 2014

DATE RECEIVED: Jul 29, 2014

DATE REPORTED: Aug 06, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5554310 (5628375)	0.03	0.13	71.4	643	1.1	1.4	0.002	0.663	<0.05	10.2	0.7	<0.2	14.3	<0.01
E5554311 (5628376)	0.21	<0.05	23.8	359	0.8	7.4	0.002	0.130	<0.05	10.6	0.7	0.3	9.2	<0.01
E5554312 (5628377)	0.04	0.16	5.4	109	1.0	1.2	0.004	0.053	<0.05	2.7	0.7	<0.2	3.2	<0.01
E5554313 (5628378)	0.24	0.11	5.9	417	0.7	0.6	<0.001	0.020	<0.05	1.9	<0.2	<0.2	7.7	<0.01
E5554314 (5628379)	0.28	<0.05	65.8	405	1.1	0.7	0.002	0.798	<0.05	6.9	0.7	<0.2	79.2	<0.01
E5554315 (5628380)	0.25	<0.05	16.4	417	0.3	0.3	0.051	0.068	<0.05	9.8	0.5	0.2	7.2	<0.01
E5554316 (5628381)	0.33	<0.05	34.8	463	0.7	0.9	0.002	0.151	<0.05	7.3	0.4	<0.2	38.1	<0.01
E5554317 (5628382)	0.26	<0.05	30.5	427	0.2	0.7	0.001	<0.005	<0.05	8.9	<0.2	<0.2	6.8	<0.01
E5554318 (5628383)	0.26	<0.05	78.6	461	0.5	1.3	0.001	0.074	<0.05	8.0	0.2	<0.2	40.5	<0.01
E5554319 (5628384)	0.10	0.12	14.6	338	1.1	2.7	0.001	0.054	<0.05	2.9	<0.2	<0.2	7.5	<0.01
E5554320 (5628385)	0.05	0.44	10.5	264	0.9	3.6	0.001	0.029	<0.05	3.9	0.4	0.2	13.5	<0.01
E5553670 (5628386)	0.29	0.15	50.4	524	48.7	43.6	0.004	2.55	0.10	10.0	0.5	0.3	40.7	<0.01
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr				
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5				
E5554310 (5628375)	0.03	0.9	0.271	0.02	0.27	238	0.44	5.15	167	0.7				
E5554311 (5628376)	0.07	0.3	0.163	0.06	<0.05	106	0.12	6.25	36.0	0.9				
E5554312 (5628377)	0.21	0.1	0.045	<0.01	0.06	27.5	0.18	1.48	11.8	0.6				
E5554313 (5628378)	0.03	1.6	0.044	<0.01	0.15	23.9	<0.05	2.85	13.3	4.9				
E5554314 (5628379)	0.04	0.3	0.101	<0.01	<0.05	69.5	0.06	3.82	43.9	0.6				
E5554315 (5628380)	0.04	0.3	0.124	<0.01	<0.05	90.8	0.07	6.00	24.3	0.9				
E5554316 (5628381)	0.02	0.3	0.103	0.01	<0.05	70.9	<0.05	4.30	26.0	0.5				
E5554317 (5628382)	<0.01	0.2	0.145	<0.01	<0.05	91.7	<0.05	5.36	33.3	1.0				
E5554318 (5628383)	0.03	0.3	0.141	0.02	<0.05	81.0	<0.05	5.75	31.6	0.7				
E5554319 (5628384)	0.05	0.9	0.064	0.02	0.13	38.2	0.36	2.00	18.4	1.3				
E5554320 (5628385)	0.12	0.1	0.350	0.01	<0.05	49.2	0.14	6.24	10.1	2.9				
E5553670 (5628386)	0.21	0.2	0.326	0.29	<0.05	240	44.7	9.84	101	1.2				

Comments: RDL - Reported Detection Limit

Certified By:





CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5628375	0.127	0.124	2.4%														
Al	5628375	6.38	6.27	1.7%														
As	5628375	0.6	0.5	18.2%														
Au	5628375	< 0.005	< 0.005	0.0%														
B	5628375	< 5	< 5	0.0%														
Ba	5628375	8	9	11.8%														
Be	5628375	0.110	0.118	7.0%														
Bi	5628375	0.06	0.06	0.0%														
Ca	5628375	0.50	0.50	0.0%														
Cd	5628375	0.084	0.089	5.8%														
Ce	5628375	12.6	13.0	3.1%														
Co	5628375	69.9	71.2	1.8%														
Cr	5628375	292	295	1.0%														
Cs	5628375	1.86	1.90	2.1%														
Cu	5628375	247	240	2.9%														
Fe	5628375	11.0	11.0	0.0%														
Ga	5628375	15.3	16.1	5.1%														
Ge	5628375	0.20	0.20	0.0%														
Hf	5628375	0.03	0.03	0.0%														
Hg	5628375	< 0.01	< 0.01	0.0%														
In	5628375	0.011	0.011	0.0%														
K	5628375	0.02	0.02	0.0%														
La	5628375	4.2	4.3	2.4%														
Li	5628375	64.4	70.7	9.3%														
Mg	5628375	4.10	4.04	1.5%														
Mn	5628375	2300	2310	0.4%														
Mo	5628375	0.692	0.673	2.8%														
Na	5628375	0.029	0.035	18.8%														
Nb	5628375	0.127	0.099	24.8%														
Ni	5628375	71.4	72.2	1.1%														
P	5628375	643	681	5.7%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5628375	1.1	1.1	0.0%														
Rb	5628375	1.4	1.4	0.0%														
Re	5628375	0.002	0.002	0.0%														
S	5628375	0.663	0.641	3.4%														
Sb	5628375	< 0.05	< 0.05	0.0%														
Sc	5628375	10.2	10.6	3.8%														
Se	5628375	0.7	0.6	15.4%														
Sn	5628375	< 0.2	< 0.2	0.0%														
Sr	5628375	14.3	14.5	1.4%														
Ta	5628375	< 0.01	< 0.01	0.0%														
Te	5628375	0.028	0.022	24.0%														
Th	5628375	0.94	0.99	5.2%														
Ti	5628375	0.271	0.271	0.0%														
Tl	5628375	0.02	0.02	0.0%														
U	5628375	0.27	0.28	3.6%														
V	5628375	238	240	0.8%														
W	5628375	0.44	0.47	6.6%														
Y	5628375	5.15	5.37	4.2%														
Zn	5628375	167	164	1.8%														
Zr	5628375	0.7	0.7	0.0%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	180	161	90%	90% - 110%										
Cu	3494	3619	104%	90% - 110%										
Ni	2985	3065	103%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT NO: July 29 2014 Batch

AGAT WORK ORDER: 14B869270
 ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B869270

PROJECT NO: July 29 2014 Batch

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: ROBERT S. MIDDLETON

PROJECT NO:

AGAT WORK ORDER: 14B874250

SOLID ANALYSIS REVIEWED BY: Ron Cardinal, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Aug 25, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B874250

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 11, 2014

DATE RECEIVED: Aug 11, 2014

DATE REPORTED: Aug 25, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5554321 (5675331)	0.90	0.10	2.93	0.9	<0.005	<5	10	0.08	0.02	2.85	0.05	4.56	26.2	90.9
E5554322 (5675332)	1.30	0.10	1.35	0.6	<0.005	<5	10	<0.05	0.34	1.21	0.05	5.28	21.1	17.0
E5554323 (5675333)	0.98	0.12	2.06	0.5	<0.005	<5	6	0.05	0.46	2.36	0.08	9.01	26.5	23.2
E5554324 (5675334)	0.78	0.16	1.97	0.6	<0.005	<5	142	0.05	0.82	2.41	0.10	7.37	29.3	11.9
E5554325 (5675335)	0.88	0.09	1.65	0.5	<0.005	<5	7	<0.05	0.14	1.76	0.07	3.91	6.7	49.0
E5554326 (5675336)	0.68	0.07	2.06	0.6	<0.005	<5	22	<0.05	0.03	2.45	0.09	4.93	19.2	32.1
E5554327 (5675337)	1.00	0.06	2.37	0.7	<0.005	<5	559	0.16	0.01	1.38	0.08	84.1	10.8	135
E5554328 (5675338)	0.52	0.01	0.31	0.6	<0.005	<5	11	<0.05	<0.01	0.29	0.02	1.37	2.8	24.1
E5554329 (5675339)	0.82	0.07	1.91	0.4	<0.005	<5	11	0.06	0.03	2.21	0.07	5.67	18.8	55.9
E5554330 (5675340)	0.66	0.04	1.49	0.6	<0.005	<5	158	0.07	0.03	0.43	0.06	35.8	9.0	19.4
E5554331 (5675341)	0.82	0.02	1.80	0.5	<0.005	<5	10	0.05	0.02	2.07	0.05	4.37	14.4	57.0
E5554332 (5675342)	1.00	0.07	2.04	0.4	<0.005	<5	19	0.07	0.02	2.19	0.07	7.18	17.3	35.1
E5554333 (5675343)	0.64	0.06	1.67	0.6	<0.005	<5	123	0.13	0.14	0.82	0.18	59.7	5.9	28.8
E5554334 (5675344)	1.28	0.08	1.55	0.5	<0.005	<5	12	<0.05	0.01	1.65	0.08	5.35	17.9	29.7
E5554335 (5675345)	1.14	0.13	0.78	0.5	<0.005	<5	8	0.12	3.86	1.47	0.12	2.05	30.0	38.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B874250

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 11, 2014

DATE RECEIVED: Aug 11, 2014

DATE REPORTED: Aug 25, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm
E5554321 (5675331)		0.24	672	3.89	8.30	0.24	0.17	<0.01	0.031	0.04	2.2	8.0	0.83	520	1.05
E5554322 (5675332)		0.35	352	3.16	3.01	0.18	0.10	<0.01	0.015	0.04	2.1	6.0	0.74	392	1.81
E5554323 (5675333)		0.49	309	3.85	5.46	0.22	0.17	<0.01	0.013	0.03	3.9	7.9	1.08	625	2.67
E5554324 (5675334)		0.87	368	4.39	5.11	0.22	0.15	<0.01	0.022	0.09	2.8	7.5	1.29	640	0.72
E5554325 (5675335)		0.41	88.1	2.33	3.83	0.21	0.15	<0.01	0.017	0.03	1.6	3.2	0.83	386	0.64
E5554326 (5675336)		0.66	249	2.85	4.13	0.20	0.11	<0.01	0.016	0.07	2.2	10.3	1.00	610	0.52
E5554327 (5675337)		2.33	29.8	3.07	9.80	0.25	0.82	<0.01	0.022	1.37	40.0	20.5	1.81	686	0.64
E5554328 (5675338)		0.18	13.1	0.92	1.00	0.17	0.08	<0.01	<0.005	0.03	0.5	1.6	0.21	175	1.80
E5554329 (5675339)		0.41	239	2.53	4.00	0.19	0.12	<0.01	0.018	0.07	2.3	11.1	0.93	524	0.73
E5554330 (5675340)		1.33	7.7	2.07	5.52	0.20	0.22	<0.01	0.010	0.30	18.7	16.0	0.63	652	0.81
E5554331 (5675341)		0.47	83.6	3.23	4.59	0.24	0.13	<0.01	0.021	0.07	1.6	5.3	1.24	565	0.28
E5554332 (5675342)		0.90	165	2.63	4.56	0.22	0.11	<0.01	0.018	0.10	2.8	10.1	1.07	516	0.38
E5554333 (5675343)		0.63	22.8	2.25	7.45	0.23	0.37	<0.01	0.021	0.17	29.2	20.2	0.74	376	0.50
E5554334 (5675344)		0.36	189	2.94	3.94	0.23	0.12	<0.01	0.019	0.06	2.1	6.0	1.15	499	0.32
E5554335 (5675345)		0.54	168	2.40	2.27	0.25	0.20	<0.01	0.006	0.02	0.7	2.5	0.32	221	20.9

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B874250

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 11, 2014

DATE RECEIVED: Aug 11, 2014

DATE REPORTED: Aug 25, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
E5554321 (5675331)	0.29	0.56	29.7	253	0.6	1.0	0.003	0.589	<0.05	17.3	2.8	0.4	81.2	0.02
E5554322 (5675332)	0.14	0.36	11.2	374	0.5	2.4	0.002	0.381	<0.05	8.9	1.6	<0.2	11.9	<0.01
E5554323 (5675333)	0.23	0.64	23.6	520	0.6	1.1	0.004	0.732	<0.05	16.8	1.6	<0.2	24.0	0.02
E5554324 (5675334)	0.27	0.40	27.1	525	1.6	7.3	0.002	0.760	<0.05	18.2	1.6	0.2	16.5	0.01
E5554325 (5675335)	0.20	0.42	13.6	325	0.7	1.7	<0.001	0.075	<0.05	12.3	1.6	0.3	12.4	<0.01
E5554326 (5675336)	0.16	0.38	25.2	706	0.8	5.4	0.002	0.311	<0.05	12.6	1.2	0.2	33.1	<0.01
E5554327 (5675337)	0.18	0.84	41.2	1110	5.3	65.8	<0.001	0.106	<0.05	11.1	0.4	0.7	66.9	0.03
E5554328 (5675338)	0.03	0.36	7.1	51	0.6	1.2	<0.001	0.010	<0.05	3.7	<0.2	<0.2	4.4	<0.01
E5554329 (5675339)	0.17	0.35	27.1	299	0.6	3.9	0.001	0.255	<0.05	11.7	0.6	0.2	19.8	<0.01
E5554330 (5675340)	0.23	1.09	9.0	504	2.8	15.7	<0.001	0.012	<0.05	6.8	<0.2	0.4	20.6	0.04
E5554331 (5675341)	0.28	0.34	24.7	357	0.5	2.6	<0.001	0.131	<0.05	17.5	0.5	0.2	9.6	<0.01
E5554332 (5675342)	0.22	0.43	24.6	406	0.9	6.2	0.001	0.202	<0.05	14.8	0.7	0.2	19.1	0.01
E5554333 (5675343)	0.33	1.03	8.9	760	11.9	10.3	<0.001	0.054	<0.05	9.1	0.3	0.6	37.7	0.03
E5554334 (5675344)	0.24	0.32	30.0	292	0.5	2.9	0.001	0.235	<0.05	13.3	0.7	<0.2	10.8	<0.01
E5554335 (5675345)	0.11	0.84	77.7	340	0.8	1.8	0.003	0.922	<0.05	7.5	0.9	0.2	12.1	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14B874250

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 11, 2014

DATE RECEIVED: Aug 11, 2014

DATE REPORTED: Aug 25, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5554321 (5675331)	0.14	0.5	0.228	0.02	<0.05	103	0.14	9.00	24.7	1.9
E5554322 (5675332)	0.15	0.4	0.109	0.02	<0.05	42.5	0.11	5.37	26.7	1.3
E5554323 (5675333)	0.19	0.6	0.218	0.03	0.06	113	0.26	8.70	41.8	4.7
E5554324 (5675334)	0.23	0.6	0.190	0.05	0.05	124	0.18	9.17	47.8	3.0
E5554325 (5675335)	0.18	0.4	0.167	0.02	<0.05	73.6	0.05	6.65	30.1	1.3
E5554326 (5675336)	0.08	0.3	0.168	0.07	<0.05	84.4	0.09	7.02	29.7	1.3
E5554327 (5675337)	0.03	10.1	0.224	0.45	1.16	79.9	0.07	10.3	64.1	21.9
E5554328 (5675338)	0.02	0.6	0.046	0.01	<0.05	18.2	<0.05	0.99	8.4	1.8
E5554329 (5675339)	0.05	0.5	0.146	0.04	<0.05	77.8	0.06	6.61	27.7	1.6
E5554330 (5675340)	0.02	3.8	0.143	0.13	0.29	34.6	0.15	4.46	50.1	5.6
E5554331 (5675341)	0.02	0.8	0.155	0.02	<0.05	104	0.06	7.43	32.1	1.8
E5554332 (5675342)	0.04	0.6	0.170	0.05	<0.05	88.4	0.10	8.05	30.7	1.4
E5554333 (5675343)	0.02	7.9	0.163	0.07	0.57	53.9	0.13	8.23	80.1	9.3
E5554334 (5675344)	0.04	1.1	0.111	0.02	<0.05	81.6	<0.05	5.08	34.0	1.7
E5554335 (5675345)	0.16	0.3	0.246	0.02	<0.05	49.7	0.11	5.53	18.9	2.5

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	5675331	0.104	0.137	27.4%	5675345	0.13	0.14	7.4%								
Al	5675331	2.93	2.92	0.3%	5675345	0.783	0.832	6.1%								
As	5675331	0.86	0.64	29.3%	5675345	0.5	0.5	0.0%								
Au	5675331	< 0.005	< 0.005	0.0%	5675345	< 0.005	< 0.005	0.0%								
B	5675331	< 5	< 5	0.0%	5675345	< 5	< 5	0.0%								
Ba	5675331	10	9	10.5%	5675345	8	8	0.0%								
Be	5675331	0.077	0.071	8.1%	5675345	0.12	0.12	0.0%								
Bi	5675331	0.02	0.02	0.0%	5675345	3.86	4.06	5.1%								
Ca	5675331	2.85	2.82	1.1%	5675345	1.47	1.52	3.3%								
Cd	5675331	0.052	0.056	7.4%	5675345	0.12	0.12	0.0%								
Ce	5675331	4.56	4.43	2.9%	5675345	2.05	2.14	4.3%								
Co	5675331	26.2	26.0	0.8%	5675345	30.0	29.8	0.7%								
Cr	5675331	90.9	91.6	0.8%	5675345	38.8	39.8	2.5%								
Cs	5675331	0.24	0.24	0.0%	5675345	0.542	0.559	3.1%								
Cu	5675331	672	673	0.1%	5675345	168	166	1.2%								
Fe	5675331	3.89	3.91	0.5%	5675345	2.40	2.42	0.8%								
Ga	5675331	8.30	8.03	3.3%	5675345	2.27	2.36	3.9%								
Ge	5675331	0.239	0.247	3.3%	5675345	0.251	0.270	7.3%								
Hf	5675331	0.174	0.179	2.8%	5675345	0.20	0.22	9.5%								
Hg	5675331	< 0.01	< 0.01	0.0%	5675345	< 0.01	< 0.01	0.0%								
In	5675331	0.031	0.030	3.3%	5675345	0.006	0.006	0.0%								
K	5675331	0.04	0.04	0.0%	5675345	0.02	0.02	0.0%								
La	5675331	2.18	2.11	3.3%	5675345	0.7	0.7	0.0%								
Li	5675331	7.97	7.61	4.6%	5675345	2.5	2.5	0.0%								
Mg	5675331	0.83	0.83	0.0%	5675345	0.323	0.338	4.5%								
Mn	5675331	520	517	0.6%	5675345	221	232	4.9%								
Mo	5675331	1.05	1.05	0.0%	5675345	20.9	23.8	13.0%								
Na	5675331	0.286	0.282	1.4%	5675345	0.115	0.132	13.8%								
Nb	5675331	0.56	0.57	1.8%	5675345	0.844	0.944	11.2%								
Ni	5675331	29.7	30.1	1.3%	5675345	77.7	77.1	0.8%								
P	5675331	253	236	7.0%	5675345	340	330	3.0%								



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

Pb	5675331	0.6	0.6	0.0%	5675345	0.76	0.70	8.2%												
Rb	5675331	1.0	1.0	0.0%	5675345	1.8	1.8	0.0%												
Re	5675331	0.003	0.003	0.0%	5675345	0.0033	0.0036	8.7%												
S	5675331	0.589	0.578	1.9%	5675345	0.922	0.900	2.4%												
Sb	5675331	< 0.05	< 0.05	0.0%	5675345	< 0.05	< 0.05	0.0%												
Sc	5675331	17.3	17.3	0.0%	5675345	7.5	7.9	5.2%												
Se	5675331	2.85	2.87	0.7%	5675345	0.9	0.9	0.0%												
Sn	5675331	0.35	0.34	2.9%	5675345	0.2	0.2	0.0%												
Sr	5675331	81.2	80.7	0.6%	5675345	12.1	12.5	3.3%												
Ta	5675331	0.02	0.02	0.0%	5675345	< 0.01	< 0.01	0.0%												
Te	5675331	0.136	0.123	10.0%	5675345	0.16	0.20	22.2%												
Th	5675331	0.46	0.35	27.2%	5675345	0.3	0.3	0.0%												
Ti	5675331	0.228	0.228	0.0%	5675345	0.246	0.250	1.6%												
Tl	5675331	0.02	0.02	0.0%	5675345	0.02	0.02	0.0%												
U	5675331	< 0.05	< 0.05	0.0%	5675345	< 0.05	< 0.05	0.0%												
V	5675331	103	104	1.0%	5675345	49.7	51.3	3.2%												
W	5675331	0.14	0.13	7.4%	5675345	0.11	0.12	8.7%												
Y	5675331	9.00	8.78	2.5%	5675345	5.53	5.57	0.7%												
Zn	5675331	24.7	24.2	2.0%	5675345	18.9	19.2	1.6%												
Zr	5675331	1.9	2.0	5.1%	5675345	2.5	2.5	0.0%												



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14B874250

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: ROBERT S. MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	180	179	99%	90% - 110%										
Cu	3494	3508	100%	90% - 110%										
Ni	2985	2745	92%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B874250

PROJECT NO:

ATTENTION TO: ROBERT S. MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B874250

PROJECT NO:

ATTENTION TO: ROBERT S. MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT NO: August 15, 2014

AGAT WORK ORDER: 14B877100

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Aug 23, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B877100

PROJECT NO: August 15, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 18, 2014

DATE RECEIVED: Aug 18, 2014

DATE REPORTED: Aug 23, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
Unit:	kg	ppm	%	ppm	g/t	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.001	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1
E5554336 (5701391)	0.52	0.30	1.89	>10000	2.44	1.40	<5	26	0.35	0.03	1.13	17.2	1.30	27.7
E5554337 (5701392)	1.28	0.15	1.98	98.1		0.016	<5	53	<0.05	0.04	1.14	0.15	5.92	31.4
E5554338 (5701393)	1.00	0.44	1.85	63.7		0.091	<5	33	0.17	0.04	0.49	0.22	33.6	6.7
E5554339 (5701394)	0.70	0.30	1.56	10.0		0.200	<5	28	0.21	0.04	0.49	2.62	21.9	6.3
E5554340 (5701395)	0.90	0.27	2.89	17.1		0.023	<5	58	0.14	0.07	2.23	0.34	5.65	20.8
E5554341 (5701396)	0.70	0.55	2.07	>10000	4.39	3.92	<5	22	0.38	0.02	1.29	10.7	1.31	29.1
E5554342 (5701397)	0.86	0.19	1.52	110		0.021	<5	1	<0.05	0.18	1.09	0.13	5.79	63.9
E5554343 (5701398)	0.84	0.90	2.26	55.7		0.137	<5	32	0.17	0.16	1.84	0.33	4.50	60.7
E5554344 (5701399)	0.80	0.88	1.96	12.7		0.129	<5	13	0.28	0.03	1.56	0.14	3.65	50.4
E5554345 (5701400)	0.94	0.02	1.20	4.1		<0.005	<5	2	<0.05	0.01	0.50	0.03	5.12	12.5
E5554346 (5701401)	0.78	0.02	0.60	2.9		<0.005	<5	5	<0.05	0.11	0.25	0.03	0.93	3.2
E5554347 (5701402)	0.44	0.05	0.04	3.2		<0.005	<5	<1	<0.05	0.01	0.02	0.01	0.16	2.1
E5554348 (5701403)	0.82	0.07	0.93	2.4		<0.005	<5	5	<0.05	0.01	1.09	0.10	2.31	8.9
E5554349 (5701404)	1.24	2.28	1.24	1960		0.783	15	57	0.13	3.81	0.58	62.8	1.39	26.0
E5554350 (5701405)	0.80	1.00	1.57	41.8		0.072	<5	12	0.13	0.17	2.06	1.07	4.13	40.7
E5554351 (5701406)	1.14	0.16	2.90	16.9		0.087	<5	54	0.08	0.20	3.32	0.57	3.05	21.6
E5554352 (5701407)	1.34	0.18	2.40	6.5		0.131	<5	56	0.12	0.33	2.85	0.23	3.84	35.9
E5554353 (5701408)	0.58	0.45	1.72	7.5		0.149	<5	48	0.23	0.11	0.63	0.24	19.2	6.3
E5554354 (5701409)	0.90	0.30	0.74	4.3		0.055	<5	9	0.12	0.61	1.08	0.07	3.01	42.2
E5554355 (5701410)	1.20	0.38	1.36	22.3		0.181	<5	12	0.17	0.21	1.57	0.72	8.54	28.8
E5554356 (5701411)	0.72	0.09	1.42	1.5		<0.005	<5	205	0.10	0.06	0.51	0.05	56.0	10.0
E5554357 (5701412)	1.14	0.04	0.85	1.1		<0.005	<5	9	<0.05	0.02	1.33	0.06	4.38	11.1
E5554358 (5701413)	0.72	0.05	0.95	0.6		<0.005	<5	8	<0.05	0.32	4.19	0.09	4.42	12.3
E5554359 (5701414)	0.80	0.17	1.37	0.8		<0.005	<5	8	<0.05	0.11	1.72	0.09	6.21	18.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B877100

PROJECT NO: August 15, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 18, 2014

DATE RECEIVED: Aug 18, 2014

DATE REPORTED: Aug 23, 2014

SAMPLE TYPE: Rock

Analyte:	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	0.5	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1
E5554336 (5701391)	223	2.12	102	4.36	5.92	0.21	0.04	<0.01	0.087	0.37	0.6	9.2	0.66	322
E5554337 (5701392)	75.4	4.05	243	4.14	6.11	0.21	0.10	<0.01	0.023	0.11	2.1	11.8	1.53	390
E5554338 (5701393)	98.5	2.46	21.3	2.44	5.94	0.23	0.30	<0.01	0.008	0.82	13.4	8.1	1.05	497
E5554339 (5701394)	40.7	2.07	29.2	2.09	5.85	0.21	0.46	<0.01	0.017	0.67	9.9	7.6	0.68	350
E5554340 (5701395)	68.8	1.55	128	3.89	6.54	0.24	0.15	<0.01	0.022	0.33	2.3	6.0	1.13	530
E5554341 (5701396)	122	2.42	113	4.61	6.35	0.21	0.07	<0.01	0.082	0.42	0.6	8.9	0.74	336
E5554342 (5701397)	58.5	0.29	150	5.66	4.92	0.23	0.12	<0.01	0.034	0.02	2.4	5.6	1.23	254
E5554343 (5701398)	96.9	2.14	134	5.73	5.68	0.24	0.10	<0.01	0.013	0.37	2.0	12.1	0.97	519
E5554344 (5701399)	89.5	2.80	115	4.22	4.65	0.22	0.09	<0.01	0.011	0.44	1.3	11.0	1.13	412
E5554345 (5701400)	42.3	1.21	48.0	1.75	3.92	0.18	0.10	<0.01	0.012	0.02	1.8	6.8	1.34	126
E5554346 (5701401)	158	1.19	33.7	1.55	1.72	0.17	0.07	<0.01	<0.005	0.03	0.4	4.8	0.40	143
E5554347 (5701402)	72.5	0.12	156	2.79	0.43	0.17	0.06	<0.01	<0.005	<0.01	<0.1	0.1	0.02	27
E5554348 (5701403)	141	0.24	338	3.41	2.72	0.19	0.10	<0.01	0.016	0.03	1.0	3.8	0.59	290
E5554349 (5701404)	103	1.84	125	4.05	3.98	0.21	0.06	<0.01	0.068	0.42	0.6	6.1	0.51	281
E5554350 (5701405)	80.5	0.98	109	4.00	3.40	0.24	0.11	<0.01	0.011	0.27	1.8	10.6	1.00	481
E5554351 (5701406)	42.6	1.42	45.1	2.45	5.15	0.23	0.08	<0.01	0.014	0.28	1.2	6.7	0.98	439
E5554352 (5701407)	66.6	2.22	166	3.48	5.07	0.25	0.09	<0.01	0.013	0.30	1.5	10.4	1.42	526
E5554353 (5701408)	51.7	2.85	33.9	2.98	5.70	0.21	0.24	<0.01	0.009	0.70	9.9	7.5	0.87	425
E5554354 (5701409)	48.1	0.18	470	2.57	1.58	0.22	0.17	<0.01	0.006	0.03	1.1	3.1	0.45	181
E5554355 (5701410)	64.8	0.61	137	3.75	3.34	0.22	0.15	<0.01	0.010	0.17	3.8	3.7	0.54	395
E5554356 (5701411)	96.1	1.88	35.8	2.26	6.57	0.22	0.35	<0.01	0.013	0.47	25.1	18.7	0.96	448
E5554357 (5701412)	31.2	0.12	84.4	1.41	2.07	0.19	0.15	<0.01	0.008	0.02	1.7	1.0	0.38	241
E5554358 (5701413)	69.5	0.28	89.7	1.82	2.47	0.18	0.13	<0.01	0.015	0.03	1.8	1.7	0.49	547
E5554359 (5701414)	46.2	0.24	436	3.27	4.26	0.23	0.12	<0.01	0.025	0.04	2.6	3.9	0.86	485

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B877100

PROJECT NO: August 15, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 18, 2014

DATE RECEIVED: Aug 18, 2014

DATE REPORTED: Aug 23, 2014

SAMPLE TYPE: Rock

Analyte:	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2
E5554336 (5701391)	2.52	0.07	0.23	53.1	145	119	24.6	0.002	1.90	1.81	14.9	0.8	0.2	20.9
E5554337 (5701392)	1.15	0.25	0.19	53.0	389	1.1	11.4	0.004	0.588	<0.05	16.5	1.4	<0.2	5.9
E5554338 (5701393)	1.05	0.15	0.97	15.8	591	43.7	46.9	<0.001	0.110	0.07	5.7	0.2	0.3	15.9
E5554339 (5701394)	1.61	0.13	0.45	10.2	451	25.5	36.0	<0.001	0.305	<0.05	4.9	0.2	0.4	12.4
E5554340 (5701395)	2.46	0.26	0.25	56.0	467	24.6	14.5	0.001	0.559	<0.05	11.9	0.7	0.2	35.4
E5554341 (5701396)	1.93	0.08	0.21	52.5	169	143	29.2	<0.001	1.99	1.75	16.7	0.7	<0.2	23.1
E5554342 (5701397)	1.12	0.19	0.18	101	388	1.8	1.0	0.005	3.49	<0.05	10.7	9.2	0.3	5.8
E5554343 (5701398)	1.75	0.04	0.17	201	339	10.5	24.0	0.002	3.01	<0.05	13.0	1.1	0.2	14.0
E5554344 (5701399)	0.63	0.04	0.14	198	331	12.2	25.1	0.002	1.27	<0.05	9.3	0.8	<0.2	10.8
E5554345 (5701400)	0.53	0.12	0.14	33.0	448	0.6	2.7	0.002	0.081	<0.05	8.2	0.4	<0.2	2.6
E5554346 (5701401)	2.82	0.03	0.34	8.6	100	0.6	4.9	<0.001	0.028	<0.05	3.3	0.3	<0.2	3.6
E5554347 (5701402)	1.78	<0.01	0.40	3.7	30	0.4	0.2	<0.001	0.060	<0.05	0.6	2.2	<0.2	0.9
E5554348 (5701403)	2.35	0.12	0.32	10.4	418	0.7	1.7	0.002	0.145	<0.05	6.7	1.7	<0.2	6.5
E5554349 (5701404)	2.10	0.05	0.22	47.1	97	949	20.4	0.002	1.65	0.45	13.2	1.5	<0.2	9.4
E5554350 (5701405)	1.09	0.04	0.22	178	241	32.3	12.7	0.001	1.20	<0.05	8.7	0.6	<0.2	13.6
E5554351 (5701406)	1.23	0.13	0.24	88.7	326	15.3	13.5	0.001	0.197	<0.05	10.2	0.4	<0.2	43.5
E5554352 (5701407)	4.92	0.14	0.17	165	404	10.1	14.1	0.004	0.572	<0.05	11.4	0.9	<0.2	36.5
E5554353 (5701408)	1.90	0.11	0.35	11.3	480	32.2	41.6	<0.001	0.432	<0.05	5.9	0.4	0.3	22.2
E5554354 (5701409)	1.48	0.03	0.47	197	229	2.7	1.2	0.002	1.21	<0.05	5.4	1.8	0.3	16.6
E5554355 (5701410)	1.55	0.05	0.40	61.4	353	85.7	7.9	0.002	1.40	<0.05	8.9	1.2	0.2	15.7
E5554356 (5701411)	1.25	0.11	1.35	26.8	565	3.7	24.5	<0.001	0.138	<0.05	7.4	0.3	0.4	21.8
E5554357 (5701412)	0.45	0.13	0.64	35.6	330	1.3	0.5	<0.001	0.069	<0.05	6.3	0.4	<0.2	24.4
E5554358 (5701413)	0.53	0.13	0.55	36.4	507	0.6	1.1	<0.001	0.093	<0.05	9.3	0.5	<0.2	20.8
E5554359 (5701414)	0.66	0.21	0.37	33.2	357	1.0	1.2	0.003	0.344	<0.05	11.8	1.6	0.3	9.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B877100

PROJECT NO: August 15, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 18, 2014

DATE RECEIVED: Aug 18, 2014

DATE REPORTED: Aug 23, 2014

SAMPLE TYPE: Rock

Analyte:	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	As-OL
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.01	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.01
Sample ID (AGAT ID)												
E5554336 (5701391)	<0.01	0.11	0.2	0.105	0.15	<0.05	138	0.89	2.19	843	1.0	1.44
E5554337 (5701392)	<0.01	0.08	0.5	0.133	0.08	<0.05	120	0.07	8.15	48.8	1.7	
E5554338 (5701393)	0.01	0.04	7.0	0.139	0.34	0.54	49.2	4.37	3.73	73.4	9.1	
E5554339 (5701394)	<0.01	0.02	4.4	0.114	0.30	0.25	36.3	5.73	2.86	338	17.6	
E5554340 (5701395)	<0.01	0.10	0.9	0.211	0.11	<0.05	99.8	1.46	7.80	81.4	3.2	
E5554341 (5701396)	<0.01	0.06	0.3	0.105	0.17	<0.05	139	1.57	1.92	580	1.3	1.42
E5554342 (5701397)	<0.01	0.22	0.6	0.080	0.01	<0.05	79.8	0.17	5.52	26.2	2.1	
E5554343 (5701398)	<0.01	0.28	0.5	0.188	0.19	<0.05	123	8.55	5.19	73.1	1.6	
E5554344 (5701399)	<0.01	0.25	0.3	0.197	0.21	<0.05	98.8	5.26	5.24	48.8	1.4	
E5554345 (5701400)	<0.01	0.02	0.8	0.051	0.04	<0.05	78.1	0.09	4.56	10.7	0.8	
E5554346 (5701401)	<0.01	0.03	0.3	0.062	0.03	<0.05	32.8	0.09	1.90	9.7	0.6	
E5554347 (5701402)	<0.01	0.09	0.2	0.008	<0.01	<0.05	7.7	<0.05	0.13	<0.5	<0.5	
E5554348 (5701403)	<0.01	0.08	0.4	0.096	<0.01	<0.05	40.6	<0.05	2.86	20.7	1.4	
E5554349 (5701404)	<0.01	0.57	0.2	0.121	0.15	<0.05	97.1	1.40	2.17	2740	0.6	
E5554350 (5701405)	<0.01	0.22	0.3	0.165	0.15	<0.05	76.8	3.13	4.84	92.2	1.3	
E5554351 (5701406)	<0.01	0.08	0.2	0.158	0.11	<0.05	76.0	0.53	6.02	54.7	1.2	
E5554352 (5701407)	<0.01	0.12	0.3	0.188	0.15	<0.05	101	0.37	6.03	65.1	1.2	
E5554353 (5701408)	<0.01	0.13	3.1	0.142	0.32	0.17	62.6	2.01	3.87	85.7	7.5	
E5554354 (5701409)	<0.01	0.24	0.4	0.186	0.04	<0.05	37.6	0.74	5.65	13.4	2.4	
E5554355 (5701410)	<0.01	0.20	0.9	0.167	0.07	0.10	71.6	1.47	6.45	136	2.5	
E5554356 (5701411)	0.02	0.08	6.9	0.169	0.12	1.00	57.7	0.23	5.09	48.6	10.7	
E5554357 (5701412)	<0.01	0.04	0.7	0.226	<0.01	<0.05	49.0	0.15	7.12	16.1	2.0	
E5554358 (5701413)	<0.01	0.05	0.5	0.180	0.02	<0.05	70.4	0.25	7.26	26.4	2.0	
E5554359 (5701414)	<0.01	0.11	0.5	0.176	0.01	<0.05	91.6	0.09	7.73	43.5	1.8	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	5701391	0.31	0.68		5701409	0.304	0.386	23.8%								
Al	5701391	1.89	1.88	0.5%	5701409	0.740	0.724	2.2%								
As	5701391	> 10000	> 10000	0.0%	5701409	4.27	4.19	1.9%								
Au	5701391	1.40	3.42	83.8%	5701409	0.055	0.045	20.0%								
B	5701391	< 5	< 5	0.0%	5701409	< 5	< 5	0.0%								
Ba	5701391	26	26	0.0%	5701409	9	9	0.0%								
Be	5701391	0.35	0.35	0.0%	5701409	0.118	0.112	5.2%								
Bi	5701391	0.03	0.03	0.0%	5701409	0.609	0.625	2.6%								
Ca	5701391	1.13	1.13	0.0%	5701409	1.08	1.07	0.9%								
Cd	5701391	17.2	18.1	5.1%	5701409	0.07	0.07	0.0%								
Ce	5701391	1.30	1.32	1.5%	5701409	3.01	3.12	3.6%								
Co	5701391	27.7	28.7	3.5%	5701409	42.2	42.8	1.4%								
Cr	5701391	223	216	3.2%	5701409	48.1	48.5	0.8%								
Cs	5701391	2.12	2.12	0.0%	5701409	0.18	0.18	0.0%								
Cu	5701391	102	104	1.9%	5701409	470	467	0.6%								
Fe	5701391	4.36	4.39	0.7%	5701409	2.57	2.55	0.8%								
Ga	5701391	5.92	6.08	2.7%	5701409	1.58	1.61	1.9%								
Ge	5701391	0.209	0.216	3.3%	5701409	0.22	0.22	0.0%								
Hf	5701391	0.04	0.04	0.0%	5701409	0.17	0.19	11.1%								
Hg	5701391	< 0.01	< 0.01	0.0%	5701409	< 0.01	< 0.01	0.0%								
In	5701391	0.0872	0.0878	0.7%	5701409	0.006	0.006	0.0%								
K	5701391	0.37	0.37	0.0%	5701409	0.03	0.03	0.0%								
La	5701391	0.6	0.6	0.0%	5701409	1.1	1.1	0.0%								
Li	5701391	9.17	9.09	0.9%	5701409	3.1	3.1	0.0%								
Mg	5701391	0.659	0.667	1.2%	5701409	0.45	0.45	0.0%								
Mn	5701391	322	314	2.5%	5701409	181	184	1.6%								
Mo	5701391	2.52	2.52	0.0%	5701409	1.48	1.50	1.3%								
Na	5701391	0.07	0.07	0.0%	5701409	0.03	0.03	0.0%								
Nb	5701391	0.23	0.23	0.0%	5701409	0.471	0.490	4.0%								
Ni	5701391	53.1	52.2	1.7%	5701409	197	202	2.5%								
P	5701391	145	152	4.7%	5701409	229	223	2.7%								



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5701391	119	122	2.5%	5701409	2.7	2.7	0.0%											
Rb	5701391	24.6	24.6	0.0%	5701409	1.2	1.2	0.0%											
Re	5701391	0.002	0.002	0.0%	5701409	0.002	0.002	0.0%											
S	5701391	1.90	1.93	1.6%	5701409	1.21	1.19	1.7%											
Sb	5701391	1.81	1.84	1.6%	5701409	< 0.05	< 0.05	0.0%											
Sc	5701391	14.9	16.0	7.1%	5701409	5.4	5.6	3.6%											
Se	5701391	0.8	0.8	0.0%	5701409	1.82	1.85	1.6%											
Sn	5701391	0.2	0.2	0.0%	5701409	0.3	0.3	0.0%											
Sr	5701391	20.9	21.3	1.9%	5701409	16.6	16.6	0.0%											
Ta	5701391	< 0.01	< 0.01	0.0%	5701409	< 0.01	< 0.01	0.0%											
Te	5701391	1.88	2.11	11.5%	5701409	0.238	0.267	11.5%											
Th	5701391	0.2	0.2	0.0%	5701409	0.38	0.34	11.1%											
Ti	5701391	0.105	0.105	0.0%	5701409	0.186	0.182	2.2%											
Tl	5701391	0.15	0.15	0.0%	5701409	0.04	0.04	0.0%											
U	5701391	< 0.05	< 0.05	0.0%	5701409	< 0.05	< 0.05	0.0%											
V	5701391	138	134	2.9%	5701409	37.6	38.6	2.6%											
W	5701391	0.89	0.98	9.6%	5701409	0.737	0.785	6.3%											
Y	5701391	2.19	2.22	1.4%	5701409	5.65	5.76	1.9%											
Zn	5701391	843	863	2.3%	5701409	13.4	12.6	6.2%											
Zr	5701391	1.0	1.0	0.0%	5701409	2.38	2.76	14.8%											



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	180	163	90%	90% - 110%	180	162	90%	90% - 110%								
Cu	3494	3432	98%	90% - 110%	3494	3554	102%	90% - 110%								
Ni	2985	2756	92%	90% - 110%	2985	2862	96%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT NO: August 15, 2014

AGAT WORK ORDER: 14B877100
 ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B877100

PROJECT NO: August 15, 2014

ATTENTION TO: BOB MIDDLETON

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
As-OL	MIN-200-12002/12020		ICP/OES
Au	MIN-200-12006		ICP/OES

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: AUG 20, 2014

AGAT WORK ORDER: 14B878903

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 09, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 14B878903

PROJECT: AUG 20, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 21, 2014

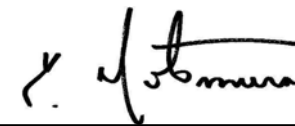
DATE RECEIVED: Aug 21, 2014

DATE REPORTED: Sep 09, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Ag ppm	Al %	As ppm	Au g/t	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm
E5554360 (5719367)		0.74	0.08	2.85	1.5	<0.005	<5	15	0.19	7.26	3.98	0.06	4.49	29.2	
E5554361 (5719368)		1.06	0.26	1.28	2.4	0.005	<5	20	0.06	0.12	1.23	0.06	6.45	8.3	
E5554374 (5719369)		0.68	0.25	3.55	1.6	0.007	<5	199	0.12	0.18	2.73	0.13	7.44	60.5	
E5554375 (5719370)		1.02	0.04	3.26	1.1	<0.005	<5	232	0.09	0.03	2.73	0.07	6.07	29.5	
E5554376 (5719371)		0.98	0.04	2.08	1.3	<0.005	<5	81	<0.05	0.02	2.91	0.07	7.24	18.5	
E5554377 (5719372)		1.10	0.21	2.99	1.1	<0.005	<5	11	<0.05	0.17	1.16	0.23	8.96	57.3	
E5554378 (5719373)		1.08	0.06	1.17	1.2	<0.005	<5	12	<0.05	0.01	4.00	0.07	6.03	10.5	
E5554379 (5719374)		0.94	0.13	0.74	3.8	0.007	<5	46	0.05	0.02	0.27	0.04	18.4	8.4	
E5554380 (5719375)		1.04	1.43	0.91	28.4	0.653	<5	22	0.20	0.25	1.77	0.59	4.03	39.3	
E5554381 (5719376)		0.72	1.45	2.93	12.5	0.461	0.489	<5	23	0.38	0.06	1.38	0.61	25.2	7.6
E5554382 (5719377)		0.92	0.64	2.82	53.9	0.090	<5	21	0.48	0.14	1.34	0.37	54.9	8.7	
E5554383 (5719378)		0.92	0.86	2.11	134	0.655	<5	22	0.26	0.11	2.52	0.48	5.91	38.6	
E5554384 (5719379)		0.56	0.14	0.30	4.6	0.014	<5	6	<0.05	<0.01	0.15	0.02	0.89	1.8	
E5554385 (5719380)		0.74	0.43	1.17	5.4	0.058	<5	152	0.18	0.20	1.30	0.26	3.97	19.8	
E5554386 (5719381)		0.72	0.93	1.17	15.0	0.316	<5	15	0.44	0.47	1.50	4.15	3.44	28.7	
E5554387 (5719382)		0.58	5.24	1.45	472	13.1	10.9	<5	27	0.40	0.17	0.81	1.76	25.8	11.2
E5554388 (5719383)		0.76	2.40	0.60	354	2.50	2.76	<5	14	0.10	0.26	0.22	1.12	1.68	2.3
E5554389 (5719384)		1.02	0.78	1.10	24.8	0.500	<5	15	0.34	0.14	1.58	0.32	2.82	24.3	
E5554390 (5719385)		1.36	0.38	2.72	3.5	0.011	<5	113	0.11	0.03	2.51	0.07	6.37	45.0	
E5554391 (5719386)		0.52	0.14	1.04	2.1	<0.005	<5	475	0.06	0.08	0.30	0.04	29.8	2.2	
E5554392 (5719387)		1.56	0.09	2.43	1.3	<0.005	<5	40	0.09	1.08	1.94	0.13	6.76	27.6	
E5554393 (5719388)		0.98	0.16	1.40	1.7	<0.005	<5	31	0.06	0.81	2.02	0.09	3.98	31.9	
E5554394 (5719389)		0.98	10.6	0.21	1040	2.87	3.08	<5	10	<0.05	0.05	0.18	1.66	0.78	2.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B878903

PROJECT: AUG 20, 2014

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 21, 2014

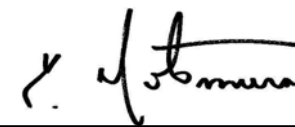
DATE RECEIVED: Aug 21, 2014

DATE REPORTED: Sep 09, 2014

SAMPLE TYPE: Rock

Analyte:	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	0.5	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1
E5554360 (5719367)	340	0.64	57.5	2.18	9.78	0.24	0.10	<0.01	0.024	0.02	2.0	11.3	0.80	300
E5554361 (5719368)	65.7	0.18	69.5	4.46	5.52	0.23	0.08	<0.01	0.033	0.06	2.8	5.1	0.90	281
E5554374 (5719369)	97.9	8.46	419	6.45	11.1	0.29	0.07	<0.01	0.053	0.79	2.6	43.1	1.13	624
E5554375 (5719370)	73.2	6.50	112	4.13	8.88	0.22	0.06	<0.01	0.026	0.56	2.2	39.6	1.35	549
E5554376 (5719371)	40.8	4.53	71.5	3.02	6.88	0.21	0.08	<0.01	0.022	0.28	2.5	18.9	0.97	477
E5554377 (5719372)	98.4	40.0	526	7.94	12.0	0.27	0.05	<0.01	0.037	0.59	2.9	70.6	2.27	643
E5554378 (5719373)	26.4	0.89	36.0	1.82	3.28	0.19	0.06	<0.01	0.013	0.05	2.3	6.4	0.67	499
E5554379 (5719374)	91.9	1.32	40.6	1.58	2.57	0.20	0.15	<0.01	<0.005	0.22	8.0	4.1	0.31	162
E5554380 (5719375)	62.6	0.80	200	6.43	3.64	0.24	0.19	0.01	0.011	0.13	1.9	2.6	0.35	538
E5554381 (5719376)	76.7	2.02	33.1	2.57	11.7	0.22	0.20	<0.01	0.011	0.89	11.5	9.9	1.09	493
E5554382 (5719377)	79.5	2.01	24.9	2.38	9.65	0.21	0.18	<0.01	0.006	0.83	23.9	10.1	1.08	526
E5554383 (5719378)	94.0	0.98	119	5.69	7.23	0.21	0.16	0.02	0.014	0.32	2.4	8.3	0.87	459
E5554384 (5719379)	102	0.13	11.2	1.16	2.41	0.19	0.02	<0.01	<0.005	0.02	0.4	1.9	0.14	131
E5554385 (5719380)	81.3	1.57	75.4	3.46	5.83	0.22	0.11	<0.01	0.017	0.16	1.7	4.6	0.73	388
E5554386 (5719381)	78.3	1.52	111	4.29	5.59	0.22	0.10	<0.01	0.014	0.22	1.3	5.3	0.44	296
E5554387 (5719382)	90.5	0.74	177	3.06	9.35	0.21	0.28	<0.01	0.014	0.23	14.2	13.7	0.79	407
E5554388 (5719383)	110	0.34	60.3	4.37	4.12	0.22	0.07	<0.01	0.017	0.14	0.7	4.7	0.21	140
E5554389 (5719384)	71.5	0.20	127	4.84	4.30	0.22	0.22	<0.01	0.015	0.19	1.0	4.9	0.49	362
E5554390 (5719385)	49.7	2.53	75.2	4.27	6.98	0.23	0.10	<0.01	0.018	0.60	2.0	29.9	1.55	569
E5554391 (5719386)	25.2	3.78	17.4	2.22	5.61	0.21	0.43	<0.01	0.014	0.36	12.5	9.6	0.36	308
E5554392 (5719387)	77.8	0.29	173	4.28	7.67	0.24	0.10	<0.01	0.017	0.05	2.4	25.0	1.92	499
E5554393 (5719388)	55.4	0.53	151	3.81	4.95	0.21	0.17	<0.01	0.018	0.10	1.5	6.0	0.73	487
E5554394 (5719389)	97.6	0.18	32.5	2.36	2.37	0.20	0.05	0.04	0.027	0.09	0.3	1.0	0.09	68

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14B878903

PROJECT: AUG 20, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 21, 2014

DATE RECEIVED: Aug 21, 2014

DATE REPORTED: Sep 09, 2014

SAMPLE TYPE: Rock

Analyte:	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2
Sample ID (AGAT ID)														
E5554360 (5719367)	20.8	0.01	0.48	66.1	314	4.3	1.0	0.003	0.314	<0.05	13.1	1.1	1.0	13.6
E5554361 (5719368)	5.20	0.18	0.23	7.6	403	1.2	1.6	0.004	0.117	<0.05	14.6	1.9	0.4	6.9
E5554374 (5719369)	1.42	0.15	0.26	81.4	413	1.7	58.8	0.003	1.59	<0.05	19.8	2.9	0.9	63.6
E5554375 (5719370)	0.58	0.14	0.25	55.3	393	1.4	38.4	0.001	0.310	<0.05	14.7	0.7	0.4	29.6
E5554376 (5719371)	0.51	0.19	0.31	28.5	382	0.6	23.5	0.001	0.100	<0.05	11.9	0.5	0.3	34.1
E5554377 (5719372)	0.52	0.21	0.16	76.2	413	0.7	95.6	0.003	1.66	<0.05	19.9	1.6	0.4	4.0
E5554378 (5719373)	0.67	0.10	0.34	14.6	331	0.4	4.5	0.001	0.088	<0.05	8.0	0.3	<0.2	32.0
E5554379 (5719374)	2.90	0.09	0.26	13.9	160	5.4	13.6	<0.001	0.261	0.05	1.9	0.3	0.2	10.7
E5554380 (5719375)	1.34	0.12	0.45	79.2	246	13.1	7.6	0.002	3.52	0.13	5.4	1.8	0.6	26.8
E5554381 (5719376)	1.24	0.29	0.54	15.3	576	38.7	57.3	<0.001	0.356	<0.05	5.1	0.4	0.5	33.4
E5554382 (5719377)	1.53	0.20	0.57	19.2	579	140	52.0	<0.001	0.175	0.11	4.0	0.6	0.4	27.8
E5554383 (5719378)	0.91	0.01	0.22	66.9	393	20.5	16.2	0.002	2.31	0.11	5.8	1.0	0.3	17.1
E5554384 (5719379)	2.47	<0.01	0.67	5.3	234	2.6	1.1	<0.001	0.019	<0.05	0.6	<0.2	0.3	3.0
E5554385 (5719380)	1.44	0.14	0.37	17.5	398	13.1	17.6	0.003	0.532	0.09	13.9	0.9	0.5	15.1
E5554386 (5719381)	2.31	0.03	1.50	71.8	323	65.1	14.8	0.002	1.78	<0.05	9.0	1.8	1.0	11.3
E5554387 (5719382)	1.90	0.06	0.48	23.5	443	627	10.9	<0.001	0.727	0.56	4.9	3.7	1.1	9.1
E5554388 (5719383)	2.22	0.03	0.49	9.0	183	378	7.9	<0.001	0.164	0.20	5.3	1.3	0.6	6.1
E5554389 (5719384)	0.70	0.05	0.62	50.5	374	34.0	5.4	0.001	1.28	0.06	9.6	1.2	0.8	15.9
E5554390 (5719385)	0.45	0.07	0.23	171	298	9.4	32.0	0.002	0.736	0.12	8.7	0.4	2.5	20.1
E5554391 (5719386)	0.69	0.13	1.38	3.3	768	4.6	32.3	<0.001	0.033	<0.05	2.1	0.3	0.5	24.8
E5554392 (5719387)	8.72	0.03	0.30	54.5	268	1.5	2.9	0.002	0.724	<0.05	9.7	1.4	0.3	15.8
E5554393 (5719388)	1.70	0.19	0.45	74.4	369	2.3	3.7	0.001	0.423	<0.05	14.1	1.2	0.4	18.9
E5554394 (5719389)	3.22	0.02	0.48	7.3	113	1230	3.6	<0.001	0.415	2.04	1.7	1.2	0.5	4.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B878903

PROJECT: AUG 20, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 21, 2014

DATE RECEIVED: Aug 21, 2014

DATE REPORTED: Sep 09, 2014

SAMPLE TYPE: Rock

Analyte:	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5554360 (5719367)	<0.01	0.22	0.3	0.172	0.10	0.27	98.1	0.32	5.94	13.4	2.4
E5554361 (5719368)	<0.01	0.38	0.7	0.103	0.02	0.07	99.9	0.05	7.16	25.1	1.1
E5554374 (5719369)	<0.01	0.35	0.7	0.335	0.35	0.10	164	0.25	8.78	120	1.5
E5554375 (5719370)	<0.01	0.13	0.5	0.312	0.21	<0.05	141	0.24	9.29	61.0	0.7
E5554376 (5719371)	<0.01	0.08	0.4	0.242	0.13	<0.05	117	0.15	10.1	36.0	1.1
E5554377 (5719372)	<0.01	0.16	0.6	0.234	0.72	0.05	177	0.09	10.2	170	0.8
E5554378 (5719373)	<0.01	0.07	0.3	0.180	0.03	<0.05	66.7	0.14	7.89	24.9	0.8
E5554379 (5719374)	<0.01	0.06	2.1	0.064	0.10	0.13	29.4	0.23	1.66	28.4	3.7
E5554380 (5719375)	<0.01	0.18	0.5	0.176	0.06	0.06	64.1	28.6	6.90	33.2	1.8
E5554381 (5719376)	<0.01	0.08	5.8	0.144	0.37	0.55	54.1	4.96	3.57	80.8	4.8
E5554382 (5719377)	<0.01	0.06	6.5	0.128	0.33	0.72	47.2	2.83	5.66	93.2	4.6
E5554383 (5719378)	<0.01	0.12	1.0	0.215	0.13	<0.05	138	36.5	6.80	63.9	1.4
E5554384 (5719379)	<0.01	0.05	0.2	0.018	<0.01	<0.05	10.9	2.82	0.67	15.4	1.0
E5554385 (5719380)	<0.01	0.12	0.4	0.271	0.11	0.20	125	6.00	8.23	67.7	1.2
E5554386 (5719381)	<0.01	0.28	0.3	0.174	0.11	0.19	86.1	6.67	6.29	361	1.3
E5554387 (5719382)	<0.01	1.94	4.3	0.085	0.06	0.42	54.6	3.87	3.58	195	7.7
E5554388 (5719383)	<0.01	0.67	0.5	0.167	0.05	<0.05	87.0	3.02	2.21	238	1.2
E5554389 (5719384)	0.02	0.15	0.8	0.263	0.04	<0.05	103	1.54	6.46	37.5	2.1
E5554390 (5719385)	<0.01	0.08	0.7	0.248	0.23	0.07	97.2	6.07	6.79	66.8	0.9
E5554391 (5719386)	<0.01	0.06	9.3	0.107	0.19	0.72	26.6	0.73	7.71	43.3	12.8
E5554392 (5719387)	<0.01	0.16	1.3	0.204	0.02	<0.05	124	0.69	7.11	50.7	2.1
E5554393 (5719388)	<0.01	0.12	0.5	0.272	0.06	<0.05	103	0.38	9.43	38.6	2.6
E5554394 (5719389)	<0.01	0.40	0.2	0.076	0.03	<0.05	32.2	4.66	1.32	159	<0.5

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5719378	0.861	1.03	17.9%														
Al	5719378	2.11	2.24	6.0%														
As	5719378	134	126	6.2%														
Au	5719378	0.655	0.898															
B	5719378	< 5	< 5	0.0%														
Ba	5719378	22	22	0.0%														
Be	5719378	0.26	0.27	3.8%														
Bi	5719378	0.108	0.115	6.3%														
Ca	5719378	2.52	2.68	6.2%														
Cd	5719378	0.48	0.49	2.1%														
Ce	5719378	5.91	5.84	1.2%														
Co	5719378	38.6	38.8	0.5%														
Cr	5719378	94.0	85.9	9.0%														
Cs	5719378	0.983	1.01	2.7%														
Cu	5719378	119	125	4.9%														
Fe	5719378	5.69	5.92	4.0%														
Ga	5719378	7.23	7.46	3.1%														
Ge	5719378	0.21	0.21	0.0%														
Hf	5719378	0.16	0.16	0.0%														
Hg	5719378	0.02	0.02	0.0%														
In	5719378	0.0143	0.0147	2.8%														
K	5719378	0.32	0.33	3.1%														
La	5719378	2.35	2.33	0.9%														
Li	5719378	8.35	8.59	2.8%														
Mg	5719378	0.87	0.91	4.5%														
Mn	5719378	459	470	2.4%														
Mo	5719378	0.907	0.783	14.7%														
Na	5719378	0.01	0.01	0.0%														
Nb	5719378	0.217	0.200	8.2%														
Ni	5719378	66.9	69.0	3.1%														
P	5719378	393	365	7.4%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5719378	20.5	20.9	1.9%														
Rb	5719378	16.2	16.4	1.2%														
Re	5719378	0.002	0.002	0.0%														
S	5719378	2.31	2.40	3.8%														
Sb	5719378	0.115	0.118	2.6%														
Sc	5719378	5.8	5.9	1.7%														
Se	5719378	1.02	1.07	4.8%														
Sn	5719378	0.3	0.3	0.0%														
Sr	5719378	17.1	18.6	8.4%														
Ta	5719378	< 0.01	< 0.01	0.0%														
Te	5719378	0.12	0.12	0.0%														
Th	5719378	1.0	0.5															
Ti	5719378	0.215	0.232	7.6%														
Tl	5719378	0.13	0.13	0.0%														
U	5719378	< 0.05	< 0.05	0.0%														
V	5719378	138	141	2.2%														
W	5719378	36.5	37.2	1.9%														
Y	5719378	6.80	7.34	7.6%														
Zn	5719378	63.9	67.4	5.3%														
Zr	5719378	1.4	1.3	7.4%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.GS6D)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.GSP7J)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au					6.09	6.53	107%	90% - 110%					0.722	0.692	96%	90% - 110%
Co	180	165	92%	90% - 110%					180	173	96%	90% - 110%				
Cu	3494	3351	96%	90% - 110%					3494	3512	101%	90% - 110%				
Ni	2985	2717	91%	90% - 110%					2985	2810	94%	90% - 110%				
CRM #5 (ref.CFRM-100)																
Parameter	Expect	Actual	Recovery	Limits												
Co	180	173	96%	90% - 110%												
Cu	3494	3401	97%	90% - 110%												
Ni	2985	2758	92%	90% - 110%												

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: AUG 20, 2014
 SAMPLING SITE:

AGAT WORK ORDER: 14B878903
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B878903

PROJECT: AUG 20, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au	MIN-200-12006		ICP/OES

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: SEPT 8 GRABS

AGAT WORK ORDER: 14B888478

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 07, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B888478

PROJECT: SEPT 8 GRABS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014

DATE RECEIVED: Sep 10, 2014

DATE REPORTED: Oct 07, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5554395 (5804285)	1.12	0.24	1.16	0.9	0.007	<5	12	0.07	0.34	1.30	0.03	4.75	20.7	60.1
E5554396 (5804286)	0.88	0.41	1.85	5.5	0.043	<5	32	0.28	0.15	1.79	0.21	12.3	31.1	59.4
E5554397 (5804287)	1.18	0.77	0.58	14.8	0.423	<5	8	0.31	0.29	0.85	0.33	2.36	38.5	51.1
E5554398 (5804288)	1.42	0.08	2.38	0.5	<0.005	<5	51	0.08	0.02	2.56	0.06	7.76	26.6	46.7
E5554399 (5804289)	1.10	0.02	3.27	0.3	<0.005	<5	37	0.16	<0.01	2.16	0.05	14.0	45.8	102
E5554400 (5804290)	0.48	0.04	0.34	0.5	<0.005	<5	10	0.56	0.21	0.17	0.03	3.69	2.4	33.5
E5554401 (5804291)	0.90	0.10	1.57	0.7	<0.005	<5	6	0.09	0.23	0.84	0.02	3.61	23.4	26.7
E5554402 (5804292)	0.88	0.15	2.39	0.7	<0.005	<5	175	0.13	0.17	1.13	0.05	6.11	49.7	108
E5554403 (5804293)	1.16	0.10	3.46	0.4	0.008	<5	65	0.10	0.02	2.78	0.05	6.52	15.4	40.7
E5554404 (5804294)	1.04	0.08	2.24	0.4	<0.005	<5	17	0.10	0.24	1.78	0.07	7.31	25.6	62.7
E5554405 (5804295)	0.52	0.06	0.44	0.5	<0.005	<5	10	<0.05	0.05	0.33	0.01	2.47	2.9	56.2
E5554406 (5804296)	0.60	0.60	2.18	3.5	0.007	<5	30	0.20	0.04	1.93	0.14	4.71	28.4	98.9
E5554407 (5804297)	0.66	0.91	2.19	3.8	0.008	<5	36	0.14	0.02	1.28	0.09	3.52	29.5	124
E5554408 (5804298)	2.18	1.44	1.02	11.7	0.021	<5	19	0.09	0.01	0.58	2.51	5.22	21.1	70.4
E5554409 (5804299)	0.94	0.15	0.68	0.6	<0.005	<5	9	0.06	0.13	1.10	0.08	2.85	23.3	32.2
E5554410 (5804300)	0.98	0.06	2.64	0.6	<0.005	<5	51	0.12	0.14	2.32	0.08	11.0	28.7	24.0
E5554411 (5804301)	0.90	0.11	1.65	0.3	<0.005	<5	25	0.12	0.94	1.97	0.06	3.80	32.0	64.8
E5554412 (5804302)	1.16	0.06	2.40	0.3	<0.005	<5	71	0.14	0.30	2.32	0.05	4.71	17.9	58.3
E5554413 (5804303)	1.22	0.05	2.08	0.5	<0.005	<5	28	0.42	0.38	1.96	0.06	69.7	29.1	57.9
E5554414 (5804304)	0.76	0.02	0.98	0.3	<0.005	<5	12	0.05	0.03	1.17	0.03	5.21	11.6	49.7
E5554415 (5804305)	0.72	0.14	0.97	0.4	<0.005	<5	8	0.05	0.15	1.08	0.03	2.91	18.1	50.3
E5554416 (5804306)	1.42	0.05	0.81	0.4	<0.005	<5	6	<0.05	0.03	0.80	0.03	4.05	18.3	52.9
E5554417 (5804307)	1.26	0.12	0.52	0.4	<0.005	<5	3	<0.05	0.07	0.59	0.03	4.70	48.4	41.3
E5554418 (5804308)	1.00	0.08	0.43	0.5	<0.005	<5	7	<0.05	0.04	0.34	0.01	2.19	15.1	59.4
E5554419 (5804309)	1.02	0.05	1.67	0.3	<0.005	<5	6	0.11	0.02	1.31	0.11	6.07	30.7	61.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B888478

PROJECT: SEPT 8 GRABS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014	DATE RECEIVED: Sep 10, 2014					DATE REPORTED: Oct 07, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	
E5554395 (5804285)	0.35	62.2	3.27	3.88	0.15	0.06	<0.01	0.010	0.07	2.2	7.9	0.82	260	0.80	
E5554396 (5804286)	0.64	68.5	3.85	5.16	0.16	0.06	<0.01	0.017	0.19	5.5	16.3	1.19	677	1.36	
E5554397 (5804287)	0.28	13.3	3.58	2.25	0.24	0.07	<0.01	<0.005	0.10	0.9	2.8	0.23	239	1.14	
E5554398 (5804288)	1.51	102	4.16	6.67	0.20	0.07	<0.01	0.021	0.33	2.9	17.1	1.40	675	0.24	
E5554399 (5804289)	1.51	57.0	5.59	11.9	0.18	0.03	<0.01	0.026	0.28	5.2	46.2	2.03	940	0.40	
E5554400 (5804290)	0.83	55.8	0.61	1.84	0.11	0.94	<0.01	<0.005	0.02	1.7	4.8	0.09	64	0.88	
E5554401 (5804291)	0.14	62.2	4.26	6.21	0.15	0.11	<0.01	0.014	0.07	1.7	35.4	1.36	641	1.13	
E5554402 (5804292)	7.79	245	5.73	8.41	0.23	0.04	<0.01	0.018	0.85	2.4	28.2	1.44	524	0.83	
E5554403 (5804293)	2.44	87.7	2.27	6.86	0.17	0.04	<0.01	0.017	0.22	2.7	11.3	0.98	287	0.20	
E5554404 (5804294)	6.10	162	3.42	6.10	0.15	0.05	<0.01	0.017	0.13	2.9	27.3	1.58	419	2.31	
E5554405 (5804295)	0.22	31.9	2.73	2.09	0.13	0.03	<0.01	0.006	0.02	1.2	1.8	0.30	57	0.57	
E5554406 (5804296)	2.50	72.1	3.64	6.25	0.22	0.04	<0.01	0.034	0.65	2.2	26.7	0.93	481	2.26	
E5554407 (5804297)	2.13	110	3.65	6.21	0.17	0.04	<0.01	0.020	0.52	1.4	19.3	0.88	336	2.19	
E5554408 (5804298)	0.53	138	2.85	3.19	0.24	0.04	0.02	0.063	0.19	2.3	5.2	0.38	243	2.99	
E5554409 (5804299)	0.95	142	1.57	2.12	0.14	0.10	<0.01	0.007	0.02	1.5	4.2	0.30	232	9.09	
E5554410 (5804300)	1.28	185	3.91	7.29	0.16	0.06	<0.01	0.022	0.17	4.5	36.4	1.53	647	1.08	
E5554411 (5804301)	1.55	176	3.66	4.35	0.17	0.10	<0.01	0.014	0.22	1.5	10.7	0.89	533	1.45	
E5554412 (5804302)	1.37	88.1	2.90	6.63	0.15	0.06	<0.01	0.019	0.17	2.0	11.3	0.85	443	0.92	
E5554413 (5804303)	0.48	112	3.68	7.96	0.20	0.21	<0.01	0.019	0.06	33.6	38.1	1.21	511	0.56	
E5554414 (5804304)	0.29	34.7	2.04	2.87	0.14	0.06	<0.01	0.014	0.03	2.4	5.4	0.80	328	0.18	
E5554415 (5804305)	0.44	361	2.52	3.78	0.15	0.04	<0.01	0.011	0.04	1.4	7.4	0.55	233	1.17	
E5554416 (5804306)	0.21	137	2.44	3.32	0.15	0.04	<0.01	0.017	0.02	1.8	4.8	0.59	171	0.38	
E5554417 (5804307)	0.15	243	2.74	2.17	0.15	0.04	<0.01	0.013	0.01	2.0	2.0	0.47	109	0.99	
E5554418 (5804308)	0.28	130	1.60	1.49	0.12	<0.02	<0.01	0.005	0.02	1.0	2.2	0.32	77	2.02	
E5554419 (5804309)	0.41	205	3.86	5.58	0.17	0.08	<0.01	0.017	0.04	2.6	16.8	1.05	530	0.42	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B888478

PROJECT: SEPT 8 GRABS

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014	DATE RECEIVED: Sep 10, 2014					DATE REPORTED: Oct 07, 2014					SAMPLE TYPE: Rock				
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	
E5554395 (5804285)	0.12	0.15	21.9	434	1.5	2.6	<0.001	1.62	<0.05	9.2	0.7	<0.2	18.2	<0.01	
E5554396 (5804286)	0.06	0.09	78.1	589	6.5	9.4	0.002	0.718	<0.05	10.1	0.4	<0.2	18.3	<0.01	
E5554397 (5804287)	0.02	0.24	75.2	350	42.8	6.1	<0.001	1.63	0.07	5.9	0.9	<0.2	11.1	<0.01	
E5554398 (5804288)	0.11	0.26	37.4	492	1.0	13.1	0.001	0.181	<0.05	13.9	0.5	0.2	9.8	<0.01	
E5554399 (5804289)	0.08	0.18	72.8	484	1.4	10.5	0.001	0.075	<0.05	18.9	0.4	0.3	9.9	<0.01	
E5554400 (5804290)	0.11	0.43	4.7	<10	6.6	2.2	<0.001	0.117	<0.05	2.0	<0.2	<0.2	8.4	<0.01	
E5554401 (5804291)	0.10	0.16	31.8	308	1.8	3.1	0.009	0.694	<0.05	11.4	0.5	<0.2	10.3	<0.01	
E5554402 (5804292)	0.09	0.18	45.9	437	2.4	44.8	0.003	1.03	<0.05	22.0	1.3	<0.2	10.2	<0.01	
E5554403 (5804293)	0.24	0.14	26.0	388	1.3	15.6	<0.001	0.043	<0.05	11.8	0.3	<0.2	40.2	<0.01	
E5554404 (5804294)	0.16	0.13	38.3	363	0.7	14.9	0.005	0.180	<0.05	13.8	0.6	<0.2	10.9	<0.01	
E5554405 (5804295)	0.09	0.18	2.5	377	0.5	1.2	<0.001	0.073	<0.05	8.9	1.4	<0.2	10.2	<0.01	
E5554406 (5804296)	0.03	0.25	55.0	411	6.9	27.0	0.003	0.504	<0.05	18.6	0.7	0.4	15.7	<0.01	
E5554407 (5804297)	0.04	0.22	54.0	246	5.0	25.0	0.004	0.366	<0.05	19.7	0.5	0.2	13.3	<0.01	
E5554408 (5804298)	0.03	0.25	27.1	95	17.7	8.0	0.003	0.899	0.07	7.4	0.5	0.2	12.2	<0.01	
E5554409 (5804299)	0.09	0.39	50.9	349	0.7	1.3	0.005	0.190	<0.05	5.9	0.5	<0.2	9.2	<0.01	
E5554410 (5804300)	0.16	0.10	26.3	692	1.3	15.0	0.001	0.140	<0.05	13.3	0.6	<0.2	25.0	<0.01	
E5554411 (5804301)	0.10	0.26	30.6	429	0.6	12.4	0.001	0.468	<0.05	12.7	0.8	<0.2	11.9	<0.01	
E5554412 (5804302)	0.17	0.22	15.7	392	0.8	8.5	0.001	0.100	<0.05	12.6	0.4	<0.2	29.9	<0.01	
E5554413 (5804303)	0.08	0.29	26.3	2070	2.5	3.5	<0.001	0.457	<0.05	8.4	0.7	0.3	19.4	<0.01	
E5554414 (5804304)	0.14	0.10	14.5	379	0.4	0.9	<0.001	0.038	<0.05	10.1	0.3	<0.2	8.6	<0.01	
E5554415 (5804305)	0.08	0.20	12.3	297	0.7	3.3	0.002	0.301	<0.05	6.8	1.6	<0.2	11.3	<0.01	
E5554416 (5804306)	0.12	0.10	17.0	428	0.5	0.9	0.001	0.207	<0.05	11.5	1.0	<0.2	5.0	<0.01	
E5554417 (5804307)	0.09	0.10	50.0	461	0.3	0.6	0.005	1.20	<0.05	8.6	3.1	<0.2	6.3	<0.01	
E5554418 (5804308)	0.08	0.07	9.7	245	0.6	2.0	0.005	0.265	<0.05	5.4	2.2	<0.2	6.6	<0.01	
E5554419 (5804309)	0.15	0.19	25.2	405	1.6	1.3	<0.001	0.406	<0.05	11.7	0.9	<0.2	8.7	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B888478

PROJECT: SEPT 8 GRABS

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 15, 2014	DATE RECEIVED: Sep 10, 2014						DATE REPORTED: Oct 07, 2014				SAMPLE TYPE: Rock
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
E5554395 (5804285)	0.15	0.5	0.114	0.02	<0.05	90.9	0.20	3.82	16.4	2.3	
E5554396 (5804286)	0.08	0.7	0.172	0.10	0.15	105	3.25	7.55	61.5	1.6	
E5554397 (5804287)	0.10	0.1	0.149	0.05	<0.05	49.8	4.10	4.51	33.2	1.4	
E5554398 (5804288)	<0.01	0.3	0.267	0.06	0.05	132	0.31	8.80	80.4	1.3	
E5554399 (5804289)	<0.01	0.5	0.423	0.07	0.08	270	0.30	10.1	64.8	0.9	
E5554400 (5804290)	<0.01	1.0	0.018	0.02	0.89	8.7	0.09	1.22	8.0	19.8	
E5554401 (5804291)	0.03	0.2	0.241	0.02	0.07	128	0.16	5.47	62.9	2.3	
E5554402 (5804292)	0.06	0.3	0.353	0.24	<0.05	214	0.28	7.52	51.7	1.2	
E5554403 (5804293)	<0.01	0.3	0.133	0.09	<0.05	81.4	0.06	5.38	27.0	1.0	
E5554404 (5804294)	<0.01	0.3	0.143	0.11	<0.05	112	0.23	6.88	45.2	1.0	
E5554405 (5804295)	<0.01	0.4	0.087	0.02	<0.05	64.5	<0.05	4.00	4.2	0.8	
E5554406 (5804296)	<0.01	0.2	0.267	0.22	0.25	149	0.80	7.44	59.3	1.2	
E5554407 (5804297)	<0.01	0.2	0.213	0.20	0.09	166	0.75	4.04	47.1	2.4	
E5554408 (5804298)	<0.01	0.4	0.061	0.07	0.19	49.7	1.49	3.93	538	1.4	
E5554409 (5804299)	<0.01	0.1	0.216	0.03	<0.05	48.6	0.27	5.49	18.7	1.9	
E5554410 (5804300)	<0.01	0.5	0.193	0.12	0.08	77.5	0.12	8.96	43.5	1.5	
E5554411 (5804301)	0.09	0.2	0.241	0.11	<0.05	112	0.37	7.11	37.7	1.9	
E5554412 (5804302)	<0.01	0.2	0.190	0.06	<0.05	98.1	0.20	7.60	33.8	1.3	
E5554413 (5804303)	0.17	5.2	0.159	0.04	0.69	89.6	0.11	9.39	29.3	6.3	
E5554414 (5804304)	0.03	0.4	0.103	0.01	<0.05	67.2	<0.05	4.79	21.8	1.3	
E5554415 (5804305)	0.03	0.2	0.092	0.03	<0.05	50.5	<0.05	3.34	14.0	1.0	
E5554416 (5804306)	<0.01	0.3	0.081	0.01	<0.05	76.1	<0.05	4.82	13.5	1.0	
E5554417 (5804307)	0.08	0.4	0.072	0.02	<0.05	56.1	<0.05	3.95	9.0	1.3	
E5554418 (5804308)	0.05	0.2	0.062	0.02	<0.05	36.9	<0.05	3.18	5.9	0.5	
E5554419 (5804309)	<0.01	0.4	0.137	0.02	0.06	106	0.05	6.25	59.8	1.4	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5804285	0.24	0.28	15.4%														
Al	5804285	1.16	1.13	2.6%														
As	5804285	0.9	0.7	25.0%														
Au	5804285	0.0066	0.0064	3.1%														
B	5804285	< 5	< 5	0.0%														
Ba	5804285	12	12	0.0%														
Be	5804285	0.07	0.07	0.0%														
Bi	5804285	0.335	0.330	1.5%														
Ca	5804285	1.30	1.25	3.9%														
Cd	5804285	0.03	0.03	0.0%														
Ce	5804285	4.75	4.77	0.4%														
Co	5804285	20.7	20.7	0.0%														
Cr	5804285	60.1	59.1	1.7%														
Cs	5804285	0.35	0.35	0.0%														
Cu	5804285	62.2	61.8	0.6%														
Fe	5804285	3.27	3.25	0.6%														
Ga	5804285	3.88	3.91	0.8%														
Ge	5804285	0.15	0.16	6.5%														
Hf	5804285	0.062	0.071	13.5%														
Hg	5804285	< 0.01	< 0.01	0.0%														
In	5804285	0.0103	0.0107	3.8%														
K	5804285	0.07	0.07	0.0%														
La	5804285	2.23	2.25	0.9%														
Li	5804285	7.94	7.99	0.6%														
Mg	5804285	0.816	0.792	3.0%														
Mn	5804285	260	250	3.9%														
Mo	5804285	0.798	0.743	7.1%														
Na	5804285	0.116	0.113	2.6%														
Nb	5804285	0.149	0.157	5.2%														
Ni	5804285	21.9	22.0	0.5%														
P	5804285	434	394	9.7%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5804285	1.46	1.44	1.4%														
Rb	5804285	2.64	2.70	2.2%														
Re	5804285	< 0.001	< 0.001	0.0%														
S	5804285	1.62	1.65	1.8%														
Sb	5804285	< 0.05	< 0.05	0.0%														
Sc	5804285	9.22	9.71	5.2%														
Se	5804285	0.69	0.65	6.0%														
Sn	5804285	< 0.2	< 0.2	0.0%														
Sr	5804285	18.2	18.5	1.6%														
Ta	5804285	< 0.01	< 0.01	0.0%														
Te	5804285	0.15	0.10															
Th	5804285	0.5	0.5	0.0%														
Ti	5804285	0.114	0.111	2.7%														
Tl	5804285	0.02	0.02	0.0%														
U	5804285	< 0.05	< 0.05	0.0%														
V	5804285	90.9	88.3	2.9%														
W	5804285	0.20	0.20	0.0%														
Y	5804285	3.82	3.85	0.8%														
Zn	5804285	16.4	18.5	12.0%														
Zr	5804285	2.3	3.8															



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	167	90%	90% - 110%	184	169	92%	90% - 110%								
Cu	3494	3418	98%	90% - 110%	3494	3406	97%	90% - 110%								
Ni	2985	2734	92%	90% - 110%	2985	2764	93%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: SEPT 8 GRABS
 SAMPLING SITE:

AGAT WORK ORDER: 14B888478
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: SEPT 8 GRABS
 SAMPLING SITE:

AGAT WORK ORDER: 14B888478
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: SEP 22, 2014

AGAT WORK ORDER: 14B891703

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 25, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 22, 2014

DATE RECEIVED: Sep 22, 2014

DATE REPORTED: Sep 25, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5554460 (5834001)	0.96	0.33	2.15	2.6	<0.005	<5	125	0.08	0.53	1.20	0.04	0.80	36.7	1130
E5554461 (5834002)	0.68	0.16	1.76	1.7	<0.005	<5	43	0.32	0.85	1.26	0.10	14.8	25.2	90.4
E5554462 (5834003)	0.70	0.26	1.79	1.0	<0.005	<5	60	0.33	0.78	1.46	0.08	4.92	31.1	108
E5554463 (5834004)	0.78	0.37	1.48	0.9	<0.005	<5	46	0.28	0.42	1.46	0.08	4.80	31.6	66.7
E5554464 (5834005)	0.94	0.19	1.80	1.0	<0.005	<5	89	0.39	0.50	0.93	0.14	48.8	28.3	49.2
E5554465 (5834006)	0.62	0.27	1.28	1.2	<0.005	<5	81	0.35	0.59	1.39	0.06	4.26	16.5	68.6
E5554466 (5834007)	0.68	0.17	1.90	0.9	<0.005	<5	8	0.06	0.35	1.56	0.03	3.59	45.2	1100
E5554467 (5834008)	0.78	0.19	1.42	0.8	<0.005	<5	6	<0.05	0.43	0.94	0.04	1.70	17.4	1090
E5554468 (5834009)	0.60	0.25	1.30	0.8	<0.005	<5	21	0.05	0.26	1.48	0.06	4.55	33.6	82.2
E5554469 (5834010)	0.64	0.16	1.58	0.8	<0.005	<5	30	0.10	0.47	0.92	0.05	15.6	19.5	62.0
E5554470 (5834011)	0.54	0.11	2.35	1.1	<0.005	<5	78	0.33	0.46	0.47	0.07	1.82	34.9	41.6
E5554471 (5834012)	0.36	0.12	1.71	1.1	<0.005	<5	63	0.61	1.03	1.01	0.08	3.51	16.4	67.2
E5554472 (5834013)	0.56	0.19	1.68	0.8	<0.005	<5	69	0.10	0.51	0.88	0.04	46.5	12.7	47.3
E5554473 (5834014)	0.86	0.11	1.28	0.8	<0.005	<5	12	0.07	0.20	1.64	0.07	4.65	18.4	80.2
E5554474 (5834015)	0.36	0.26	2.19	1.2	<0.005	<5	22	0.32	2.86	1.55	0.13	4.33	37.6	124
E5554475 (5834016)	0.60	0.27	1.78	1.0	<0.005	<5	32	0.17	1.98	1.29	0.08	5.05	36.5	99.1
E5554476 (5834017)	0.78	0.83	0.98	1.1	<0.005	<5	14	0.12	1.76	0.81	13.5	12.5	43.9	90.4

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 22, 2014	DATE RECEIVED: Sep 22, 2014					DATE REPORTED: Sep 25, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	
E5554460 (5834001)	4.66	346	4.06	3.16	0.25	0.02	<0.01	<0.005	0.29	0.4	27.0	1.36	279	7.93	
E5554461 (5834002)	1.24	177	4.09	3.62	0.28	0.12	<0.01	0.006	0.21	6.8	19.5	1.32	681	37.3	
E5554462 (5834003)	1.07	254	4.46	4.24	0.27	0.12	<0.01	0.007	0.31	2.5	16.9	1.07	507	38.2	
E5554463 (5834004)	0.90	282	3.24	2.60	0.26	0.10	<0.01	0.007	0.43	2.2	7.3	0.74	365	30.1	
E5554464 (5834005)	2.95	216	3.13	4.05	0.28	0.13	<0.01	0.008	0.46	22.6	18.0	0.84	381	105	
E5554465 (5834006)	0.88	223	3.05	2.56	0.24	0.07	<0.01	0.007	0.42	1.8	5.8	0.60	379	5.22	
E5554466 (5834007)	1.04	234	3.72	2.61	0.27	0.05	<0.01	0.007	0.04	1.7	20.1	1.40	392	2.01	
E5554467 (5834008)	1.13	212	3.22	2.71	0.27	0.04	<0.01	0.008	0.06	1.0	11.8	1.42	257	0.92	
E5554468 (5834009)	1.22	398	3.37	2.42	0.25	0.08	<0.01	0.008	0.07	2.2	11.4	0.94	382	1.96	
E5554469 (5834010)	1.67	98.5	3.46	4.18	0.28	0.12	<0.01	0.011	0.21	8.0	25.2	0.94	324	0.82	
E5554470 (5834011)	1.14	119	5.67	5.64	0.26	0.05	<0.01	0.010	0.10	0.8	54.9	1.39	478	1.31	
E5554471 (5834012)	2.72	130	3.69	5.88	0.28	0.08	<0.01	0.014	0.20	1.6	25.9	1.14	466	0.57	
E5554472 (5834013)	2.83	73.1	2.37	4.23	0.28	0.15	<0.01	0.007	0.21	22.7	20.0	0.90	227	0.45	
E5554473 (5834014)	0.60	119	2.51	3.04	0.27	0.08	<0.01	0.013	0.11	2.1	4.1	0.94	406	0.62	
E5554474 (5834015)	4.01	82.6	4.70	5.77	0.26	0.05	<0.01	0.006	0.29	2.5	41.1	1.21	401	5.18	
E5554475 (5834016)	2.49	103	4.96	4.26	0.29	0.06	<0.01	0.009	0.28	2.5	26.3	1.11	353	2.15	
E5554476 (5834017)	0.78	424	5.57	2.71	0.38	0.06	0.01	0.702	0.12	6.0	11.6	0.32	224	4.20	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 22, 2014	DATE RECEIVED: Sep 22, 2014					DATE REPORTED: Sep 25, 2014					SAMPLE TYPE: Rock				
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	
E5554460 (5834001)	0.08	0.10	78.1	253	1.6	14.9	0.004	1.21	<0.05	2.7	4.2	<0.2	15.4	<0.01	
E5554461 (5834002)	0.11	0.38	31.2	785	1.5	6.3	0.014	0.928	<0.05	6.1	1.7	0.5	14.9	0.01	
E5554462 (5834003)	0.11	0.44	27.6	498	2.1	13.0	0.015	1.14	<0.05	9.0	2.6	0.8	23.8	<0.01	
E5554463 (5834004)	0.18	0.46	30.9	448	1.5	9.5	0.009	1.03	<0.05	7.8	2.0	0.5	23.9	<0.01	
E5554464 (5834005)	0.22	0.56	24.3	697	2.8	14.4	0.055	1.32	<0.05	4.3	1.9	0.4	19.0	<0.01	
E5554465 (5834006)	0.07	0.57	14.4	500	1.2	10.8	0.002	0.643	<0.05	7.7	1.8	0.5	24.3	<0.01	
E5554466 (5834007)	0.09	0.29	234	376	1.6	1.7	0.001	1.03	<0.05	5.4	2.5	<0.2	12.7	<0.01	
E5554467 (5834008)	0.15	0.14	40.9	635	1.6	3.2	<0.001	0.396	<0.05	4.0	3.5	<0.2	5.3	<0.01	
E5554468 (5834009)	0.17	0.32	57.3	431	1.6	3.1	0.002	1.04	<0.05	7.0	1.9	<0.2	11.6	<0.01	
E5554469 (5834010)	0.34	0.36	25.3	453	2.6	6.9	<0.001	1.01	<0.05	5.6	0.8	0.2	19.0	<0.01	
E5554470 (5834011)	0.32	2.51	13.2	457	5.1	5.9	<0.001	0.530	<0.05	4.8	1.2	1.1	8.4	0.01	
E5554471 (5834012)	0.24	1.40	13.0	771	4.5	11.1	<0.001	0.490	<0.05	7.3	1.0	0.5	20.9	0.03	
E5554472 (5834013)	0.34	1.07	18.9	870	2.9	10.4	<0.001	0.371	<0.05	2.9	1.2	<0.2	34.7	0.02	
E5554473 (5834014)	0.27	0.48	25.7	356	1.1	2.3	<0.001	0.207	<0.05	10.3	0.6	<0.2	13.3	<0.01	
E5554474 (5834015)	0.08	0.43	56.9	460	2.7	37.6	0.001	2.58	<0.05	4.7	0.7	<0.2	15.9	<0.01	
E5554475 (5834016)	0.16	0.40	57.7	362	1.7	22.4	<0.001	2.18	<0.05	5.0	0.6	<0.2	22.1	<0.01	
E5554476 (5834017)	0.16	0.51	57.9	353	7.8	10.6	0.006	3.98	<0.05	1.6	6.3	1.8	15.8	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 22, 2014	DATE RECEIVED: Sep 22, 2014					DATE REPORTED: Sep 25, 2014					SAMPLE TYPE: Rock
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)											
E5554460 (5834001)	0.78	0.3	0.142	0.16	<0.05	62.4	0.11	1.21	61.1	<0.5	
E5554461 (5834002)	0.34	1.5	0.152	0.05	0.21	67.1	0.29	3.80	29.9	1.7	
E5554462 (5834003)	0.40	0.4	0.208	0.15	<0.05	97.6	0.45	3.81	26.2	1.9	
E5554463 (5834004)	0.37	0.3	0.188	0.09	<0.05	69.6	0.38	3.97	20.3	1.8	
E5554464 (5834005)	0.31	5.7	0.114	0.11	0.79	45.2	0.71	4.99	22.1	2.5	
E5554465 (5834006)	0.33	0.6	0.200	0.12	<0.05	67.5	0.51	3.80	19.3	1.7	
E5554466 (5834007)	1.00	0.4	0.125	0.05	<0.05	51.0	0.14	2.86	27.1	1.0	
E5554467 (5834008)	0.97	0.3	0.067	0.08	<0.05	41.6	0.30	1.26	26.0	0.6	
E5554468 (5834009)	0.81	0.3	0.160	0.03	<0.05	56.5	0.18	5.55	29.1	1.3	
E5554469 (5834010)	0.37	1.7	0.166	0.05	0.19	65.0	0.18	3.92	28.4	2.7	
E5554470 (5834011)	0.28	0.2	0.071	0.02	0.27	21.6	0.08	2.71	50.4	1.2	
E5554471 (5834012)	0.24	0.4	0.174	0.06	0.94	74.5	0.11	4.38	44.7	2.0	
E5554472 (5834013)	0.21	5.7	0.163	0.09	0.60	37.3	0.12	3.46	23.9	3.4	
E5554473 (5834014)	0.17	0.6	0.164	0.05	0.07	67.2	0.12	5.08	29.0	1.3	
E5554474 (5834015)	0.73	0.5	0.113	0.25	0.09	64.0	0.36	3.42	48.7	1.0	
E5554475 (5834016)	0.76	0.6	0.129	0.15	0.11	58.7	0.33	3.76	36.7	1.1	
E5554476 (5834017)	1.05	1.3	0.052	0.10	0.15	18.0	0.23	3.29	5440	1.5	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	5834001	0.33	0.24		5834017	0.835	0.886	5.9%								
Al	5834001	2.15	2.13	0.9%	5834017	0.98	0.99	1.0%								
As	5834001	2.6	1.8		5834017	1.1	1.1	0.0%								
Au	5834001	< 0.005	< 0.005	0.0%	5834017	< 0.005	< 0.005	0.0%								
B	5834001	< 5	< 5	0.0%	5834017	< 5	< 5	0.0%								
Ba	5834001	125	130	3.9%	5834017	14	13	7.4%								
Be	5834001	0.08	0.08	0.0%	5834017	0.119	0.112	6.1%								
Bi	5834001	0.53	0.40	28.0%	5834017	1.76	1.75	0.6%								
Ca	5834001	1.20	1.21	0.8%	5834017	0.81	0.82	1.2%								
Cd	5834001	0.04	0.04	0.0%	5834017	13.5	13.4	0.7%								
Ce	5834001	0.800	0.683	15.8%	5834017	12.5	12.1	3.3%								
Co	5834001	36.7	35.1	4.5%	5834017	43.9	43.7	0.5%								
Cr	5834001	1130	1100	2.7%	5834017	90.4	86.2	4.8%								
Cs	5834001	4.66	4.63	0.6%	5834017	0.775	0.763	1.6%								
Cu	5834001	346	326	6.0%	5834017	424	419	1.2%								
Fe	5834001	4.06	4.02	1.0%	5834017	5.57	5.60	0.5%								
Ga	5834001	3.16	3.13	1.0%	5834017	2.71	2.72	0.4%								
Ge	5834001	0.25	0.25	0.0%	5834017	0.379	0.398	4.9%								
Hf	5834001	0.023	0.025	8.3%	5834017	0.065	0.072	10.2%								
Hg	5834001	< 0.01	< 0.01	0.0%	5834017	0.014	0.018	25.0%								
In	5834001	< 0.005	< 0.005	0.0%	5834017	0.702	0.692	1.4%								
K	5834001	0.29	0.29	0.0%	5834017	0.12	0.12	0.0%								
La	5834001	0.36	0.30	18.2%	5834017	5.97	5.89	1.3%								
Li	5834001	27.0	27.0	0.0%	5834017	11.6	11.2	3.5%								
Mg	5834001	1.36	1.36	0.0%	5834017	0.323	0.333	3.0%								
Mn	5834001	279	270	3.3%	5834017	224	230	2.6%								
Mo	5834001	7.93	8.52	7.2%	5834017	4.20	4.00	4.9%								
Na	5834001	0.08	0.08	0.0%	5834017	0.16	0.16	0.0%								
Nb	5834001	0.096	0.084	13.3%	5834017	0.51	0.52	1.9%								
Ni	5834001	78.1	76.8	1.7%	5834017	57.9	59.2	2.2%								
P	5834001	253	287	12.6%	5834017	353	339	4.0%								



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5834001	1.6	1.1		5834017	7.8	7.8	0.0%												
Rb	5834001	14.9	14.8	0.7%	5834017	10.6	11.0	3.7%												
Re	5834001	0.004	0.004	0.0%	5834017	0.0057	0.0051	11.1%												
S	5834001	1.21	1.16	4.2%	5834017	3.98	3.98	0.0%												
Sb	5834001	< 0.05	< 0.05	0.0%	5834017	< 0.05	< 0.05	0.0%												
Sc	5834001	2.68	2.35	13.1%	5834017	1.6	2.3													
Se	5834001	4.2	4.2	0.0%	5834017	6.3	6.5	3.1%												
Sn	5834001	< 0.2	< 0.2	0.0%	5834017	1.8	1.8	0.0%												
Sr	5834001	15.4	15.0	2.6%	5834017	15.8	16.0	1.3%												
Ta	5834001	< 0.01	< 0.01	0.0%	5834017	< 0.01	< 0.01	0.0%												
Te	5834001	0.78	0.54		5834017	1.05	1.05	0.0%												
Th	5834001	0.3	0.1		5834017	1.3	1.3	0.0%												
Ti	5834001	0.142	0.142	0.0%	5834017	0.052	0.052	0.0%												
Tl	5834001	0.16	0.16	0.0%	5834017	0.10	0.10	0.0%												
U	5834001	< 0.05	< 0.05	0.0%	5834017	0.154	0.158	2.6%												
V	5834001	62.4	60.5	3.1%	5834017	18.0	18.7	3.8%												
W	5834001	0.11	0.09	20.0%	5834017	0.227	0.220	3.1%												
Y	5834001	1.21	1.22	0.8%	5834017	3.29	3.31	0.6%												
Zn	5834001	61.1	57.6	5.9%	5834017	5440	5400	0.7%												
Zr	5834001	< 0.5	< 0.5	0.0%	5834017	1.49	1.31	12.9%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	180	162	90%	90% - 110%										
Cu	3494	3630	104%	90% - 110%										
Ni	2985	2773	93%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B891703

PROJECT: SEP 22, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT:

AGAT WORK ORDER: 14B893603

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 08, 2014

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B893603

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 25, 2014

DATE RECEIVED: Sep 23, 2014

DATE REPORTED: Oct 08, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5554477 (5849788)	0.96	0.31	1.81	1.3	0.007	<5	62	<0.05	0.14	1.16	0.06	4.67	31.6	57.1
E5554478 (5849789)	0.40	3.15	0.32	1.7	0.085	<5	21	0.33	17.1	0.49	15.8	1.85	17.5	85.7
E5554479 (5849790)	0.82	0.40	0.81	0.6	<0.005	<5	9	0.13	0.66	1.22	0.21	3.89	56.5	42.5
E5554480 (5849791)	0.86	0.12	1.13	0.5	0.013	<5	21	0.06	1.89	0.81	0.16	1.89	13.5	88.7
E5554481 (5849792)	0.50	0.11	0.96	0.5	<0.005	<5	136	0.13	0.45	1.18	0.05	2.59	14.9	58.0
E5554482 (5849793)	1.38	1.32	0.86	1.8	0.186	<5	16	0.17	1.52	0.84	5.08	1.89	12.1	66.0
E5554483 (5849794)	0.86	71.3	0.04	13.8	>25	<5	3	<0.05	0.16	0.04	10.7	0.27	1.1	81.0
E5554484 (5849795)	1.02	2.04	0.82	1.4	10.0	<5	15	0.21	3.78	0.97	0.59	2.15	22.2	83.9
E5554485 (5849796)	0.90	0.44	1.71	0.5	1.88	<5	19	0.09	0.21	1.89	0.13	4.63	18.7	66.8
E5554486 (5849797)	0.66	0.57	0.79	0.7	0.103	<5	18	0.09	0.89	0.54	5.37	10.4	37.9	77.1
E5554487 (5849798)	0.52	0.19	1.07	0.4	0.050	<5	17	0.08	0.27	1.12	0.45	12.9	13.7	72.6
E5554488 (5849799)	1.42	0.06	1.32	0.4	0.015	<5	18	0.11	0.09	1.91	0.14	2.86	17.5	89.1
E5554489 (5849800)	0.92	0.03	2.77	0.2	0.015	<5	802	0.16	0.10	1.68	0.06	31.3	23.5	201
E5554490 (5849801)	0.68	0.09	1.21	0.4	0.006	<5	120	0.07	0.16	0.24	0.03	17.0	4.5	62.5
E5554491 (5849802)	1.02	0.26	1.23	0.4	0.007	<5	15	0.06	0.26	1.52	0.10	3.29	12.1	59.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B893603

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 25, 2014	DATE RECEIVED: Sep 23, 2014					DATE REPORTED: Oct 08, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	
E5554477 (5849788)	5.83	179	3.41	3.78	0.13	0.03	<0.01	0.005	0.31	2.3	51.9	1.24	363	0.58	
E5554478 (5849789)	0.69	142	2.18	1.62	0.16	0.04	<0.01	0.011	0.05	1.0	2.1	0.16	105	1.95	
E5554479 (5849790)	0.70	462	3.47	2.75	0.17	0.13	<0.01	0.013	0.02	1.7	7.0	0.38	258	1.49	
E5554480 (5849791)	51.2	83.1	2.61	3.87	0.17	0.05	<0.01	0.012	0.19	0.6	35.8	0.70	297	2.97	
E5554481 (5849792)	3.61	61.8	2.57	3.19	0.17	0.07	<0.01	0.009	0.20	1.2	9.5	0.60	286	1.07	
E5554482 (5849793)	0.65	67.8	4.95	3.41	0.19	0.10	0.01	0.017	0.12	0.8	5.8	0.48	272	4.44	
E5554483 (5849794)	0.06	492	1.01	0.29	0.10	<0.02	0.06	0.023	0.01	0.2	0.2	0.02	31	2.15	
E5554484 (5849795)	1.33	276	2.76	3.17	0.17	0.05	<0.01	0.009	0.05	1.0	9.7	0.42	206	30.8	
E5554485 (5849796)	2.16	60.6	2.92	4.09	0.18	0.06	<0.01	0.014	0.11	2.0	34.8	0.75	465	1.62	
E5554486 (5849797)	3.39	191	8.02	5.16	0.22	0.09	<0.01	0.415	0.16	5.0	20.1	0.32	167	3.03	
E5554487 (5849798)	2.97	165	2.56	3.67	0.17	0.09	<0.01	0.039	0.08	6.0	17.8	0.38	216	5.14	
E5554488 (5849799)	0.32	47.5	2.52	3.83	0.19	0.09	<0.01	0.017	0.11	1.2	11.8	0.88	464	1.27	
E5554489 (5849800)	7.62	51.9	5.30	8.13	0.25	0.10	<0.01	0.025	1.18	13.4	21.4	1.11	745	0.52	
E5554490 (5849801)	0.76	35.2	2.55	5.96	0.15	0.24	<0.01	0.019	0.52	7.2	13.1	0.66	222	1.28	
E5554491 (5849802)	0.61	614	5.58	3.33	0.17	0.08	<0.01	0.017	0.06	1.5	6.0	0.82	1290	0.67	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B893603

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 25, 2014	DATE RECEIVED: Sep 23, 2014					DATE REPORTED: Oct 08, 2014					SAMPLE TYPE: Rock				
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	
E5554477 (5849788)	0.10	0.12	64.7	289	1.8	17.3	0.001	0.587	<0.05	5.4	1.7	<0.2	20.9	<0.01	
E5554478 (5849789)	0.04	0.72	29.4	156	537	2.5	0.001	0.994	<0.05	4.9	3.4	0.7	8.9	<0.01	
E5554479 (5849790)	0.13	0.53	81.4	568	3.7	1.4	0.003	1.18	<0.05	9.2	2.4	0.2	13.2	<0.01	
E5554480 (5849791)	0.13	0.24	20.0	107	3.7	126	0.005	0.069	<0.05	8.8	0.6	<0.2	8.0	<0.01	
E5554481 (5849792)	0.10	0.26	10.0	328	1.4	19.0	<0.001	0.232	<0.05	7.9	0.6	<0.2	34.1	<0.01	
E5554482 (5849793)	0.04	0.32	15.9	271	272	7.0	0.002	0.553	0.07	8.7	1.1	0.3	21.9	<0.01	
E5554483 (5849794)	<0.01	0.13	4.5	30	2460	0.4	<0.001	0.609	0.57	0.5	9.3	1.1	2.3	<0.01	
E5554484 (5849795)	0.07	0.26	26.8	249	92.6	3.6	0.017	0.654	<0.05	7.6	3.4	0.6	11.0	<0.01	
E5554485 (5849796)	0.15	0.16	30.8	338	16.0	10.8	0.001	0.592	<0.05	11.9	0.7	<0.2	32.5	<0.01	
E5554486 (5849797)	0.07	0.48	39.0	466	22.1	11.5	0.003	2.07	<0.05	9.2	3.2	3.0	15.4	<0.01	
E5554487 (5849798)	0.13	0.51	34.6	489	3.6	10.3	0.002	0.431	<0.05	4.3	1.6	0.7	19.5	<0.01	
E5554488 (5849799)	0.05	0.16	38.5	420	1.5	6.1	<0.001	0.138	<0.05	10.5	0.4	<0.2	13.6	<0.01	
E5554489 (5849800)	0.20	1.01	60.9	1400	2.1	89.2	<0.001	0.040	<0.05	16.7	0.4	0.2	67.5	<0.01	
E5554490 (5849801)	0.08	0.26	9.7	769	2.4	24.9	<0.001	0.091	<0.05	6.8	0.3	0.3	37.4	<0.01	
E5554491 (5849802)	0.11	0.30	14.8	353	0.9	2.1	0.001	0.400	<0.05	10.4	2.1	<0.2	4.1	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B893603

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Sep 25, 2014	DATE RECEIVED: Sep 23, 2014					DATE REPORTED: Oct 08, 2014					SAMPLE TYPE: Rock	
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA	Au-Grav
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/t
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001	0.05
Sample ID (AGAT ID)												
E5554477 (5849788)	0.97	0.2	0.111	0.14	<0.05	45.3	<0.05	2.92	42.1	0.7		
E5554478 (5849789)	1.02	<0.1	0.135	0.08	0.09	42.3	0.57	2.73	1140	1.1		
E5554479 (5849790)	0.51	0.2	0.231	0.05	0.05	69.4	0.32	6.94	45.3	2.1		
E5554480 (5849791)	0.44	0.2	0.128	0.86	<0.05	59.2	<0.05	4.21	35.5	1.0		
E5554481 (5849792)	0.24	0.1	0.186	0.12	<0.05	67.6	0.17	4.17	20.4	2.0		
E5554482 (5849793)	0.30	<0.1	0.223	0.05	<0.05	98.2	0.64	4.05	344	2.3		
E5554483 (5849794)	34.6	<0.1	<0.005	0.04	<0.05	2.8	0.18	0.12	1190	<0.5	>10	277
E5554484 (5849795)	10.0	0.1	0.118	0.04	0.06	59.1	0.44	3.64	77.1	2.1	9.83	
E5554485 (5849796)	2.79	0.2	0.138	0.10	<0.05	84.2	0.12	5.61	41.2	1.5	2.92	
E5554486 (5849797)	1.68	1.4	0.137	0.20	0.22	75.5	0.28	2.81	1390	1.8		
E5554487 (5849798)	0.80	1.5	0.095	0.12	0.21	31.3	0.22	3.97	172	2.3		
E5554488 (5849799)	0.39	0.2	0.187	0.04	<0.05	88.8	0.39	5.39	49.6	2.0		
E5554489 (5849800)	0.19	1.4	0.331	0.41	0.16	182	0.15	8.28	64.0	2.0		
E5554490 (5849801)	0.20	1.4	0.105	0.13	0.28	43.6	<0.05	2.67	40.7	8.3		
E5554491 (5849802)	0.32	0.4	0.124	0.03	<0.05	62.1	4.42	4.22	46.4	1.8		

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5849788	0.31	0.34	9.2%														
Al	5849788	1.81	1.82	0.6%														
As	5849788	1.32	1.13	15.5%														
Au	5849788	0.007	0.012															
B	5849788	< 5	< 5	0.0%														
Ba	5849788	62	62	0.0%														
Be	5849788	< 0.05	< 0.05	0.0%														
Bi	5849788	0.14	0.20															
Ca	5849788	1.16	1.16	0.0%														
Cd	5849788	0.06	0.06	0.0%														
Ce	5849788	4.67	4.64	0.6%														
Co	5849788	31.6	32.3	2.2%														
Cr	5849788	57.1	60.2	5.3%														
Cs	5849788	5.83	5.70	2.3%														
Cu	5849788	179	176	1.7%														
Fe	5849788	3.41	3.42	0.3%														
Ga	5849788	3.78	3.80	0.5%														
Ge	5849788	0.13	0.13	0.0%														
Hf	5849788	0.03	0.03	0.0%														
Hg	5849788	< 0.01	< 0.01	0.0%														
In	5849788	0.005	0.005	0.0%														
K	5849788	0.31	0.31	0.0%														
La	5849788	2.3	2.3	0.0%														
Li	5849788	51.9	52.5	1.1%														
Mg	5849788	1.24	1.25	0.8%														
Mn	5849788	363	378	4.0%														
Mo	5849788	0.58	0.58	0.0%														
Na	5849788	0.10	0.10	0.0%														
Nb	5849788	0.12	0.09	28.6%														
Ni	5849788	64.7	66.2	2.3%														
P	5849788	289	272	6.1%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5849788	1.84	1.91	3.7%														
Rb	5849788	17.3	17.2	0.6%														
Re	5849788	0.001	0.001	0.0%														
S	5849788	0.587	0.583	0.7%														
Sb	5849788	< 0.05	< 0.05	0.0%														
Sc	5849788	5.4	5.1	5.7%														
Se	5849788	1.72	1.76	2.3%														
Sn	5849788	< 0.2	< 0.2	0.0%														
Sr	5849788	20.9	21.1	1.0%														
Ta	5849788	< 0.01	< 0.01	0.0%														
Te	5849788	0.97	1.42															
Th	5849788	0.2	0.2	0.0%														
Ti	5849788	0.111	0.112	0.9%														
Tl	5849788	0.145	0.149	2.7%														
U	5849788	< 0.05	< 0.05	0.0%														
V	5849788	45.3	46.4	2.4%														
W	5849788	< 0.05	< 0.05	0.0%														
Y	5849788	2.92	2.98	2.0%														
Zn	5849788	42.1	42.2	0.2%														
Zr	5849788	0.7	0.6	15.4%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	172	93%	90% - 110%	184	175	95%	90% - 110%								
Cu	3494	3379	97%	90% - 110%	3494	3428	98%	90% - 110%								
Ni	2985	2742	92%	90% - 110%	2985	2787	93%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B893603

PROJECT:

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B893603

PROJECT:

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 2, 2014

AGAT WORK ORDER: 14B896768

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 24, 2014

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5554492 (5882902)	1.30	0.63	0.27	1.3	0.018	<5	12	0.12	1.44	1.14	3.74	1.22	29.4	29.0
E5554493 (5882903)	0.66	0.77	0.24	0.7	0.018	<5	2	0.14	0.64	0.52	0.63	0.80	45.5	23.7
E5554494 (5882904)	0.84	0.11	0.82	0.4	<0.005	<5	79	<0.05	0.10	0.33	0.20	17.0	6.6	28.8
E5554495 (5882905)	1.06	0.03	1.04	0.6	<0.005	<5	103	<0.05	0.07	0.54	0.02	27.2	7.8	39.5
E5554496 (5882906)	1.20	0.02	0.91	0.6	<0.005	<5	154	<0.05	0.21	0.18	0.03	19.7	7.1	22.4
E5554497 (5882907)	0.80	0.02	2.19	0.3	0.006	<5	4	<0.05	0.01	1.90	0.02	4.87	7.4	28.8
E5554498 (5882908)	0.92	0.26	1.05	0.7	0.049	<5	23	0.06	0.03	0.88	0.03	3.14	35.2	8.7
E5554499 (5882909)	0.60	2.59	0.70	42.2	0.193	<5	5	0.10	0.02	0.83	0.12	2.70	51.9	20.1
E5554500 (5882910)	0.72	0.66	2.95	81.7	0.131	<5	44	0.08	0.01	0.61	0.08	10.6	60.5	14.4
E5554501 (5882911)	1.10	0.11	1.37	3.5	0.010	<5	86	<0.05	0.17	0.35	0.05	5.04	10.4	70.9
E5554502 (5882912)	0.90	0.37	2.38	5.2	0.032	<5	47	0.45	0.67	1.01	0.15	27.1	20.2	22.9
E5554503 (5882913)	1.32	0.31	1.39	0.8	<0.005	<5	19	<0.05	0.16	1.25	0.06	15.9	30.8	55.2
E5554504 (5882914)	1.06	0.14	0.53	0.5	<0.005	<5	22	<0.05	0.21	0.04	0.49	6.78	16.9	8.6
E5554505 (5882915)	0.92	0.33	1.15	0.5	0.381	<5	23	0.17	0.42	1.15	0.11	3.13	26.8	57.1
E5554506 (5882916)	0.74	1.36	0.95	1.3	0.022	<5	9	0.06	2.75	0.20	0.50	12.7	39.7	43.9
E5554507 (5882917)	1.18	0.30	0.96	0.5	0.024	<5	6	<0.05	0.30	0.98	0.08	4.91	19.8	57.0
E5554508 (5882918)	0.68	0.09	1.17	0.3	<0.005	<5	122	<0.05	0.08	0.40	0.01	8.52	13.9	482
E5554509 (5882919)	1.28	0.18	1.52	0.5	<0.005	<5	21	<0.05	0.56	0.89	0.04	2.08	32.3	200
E5548210 (5882920)	0.78	0.17	2.06	0.6	<0.005	<5	112	0.11	0.33	0.91	0.07	36.4	12.6	56.1
E5548211 (5882921)	0.94	0.13	2.63	0.6	<0.005	<5	23	0.22	0.19	1.58	0.46	21.1	9.7	63.9
E5548212 (5882922)	1.18	0.06	2.76	0.5	<0.005	<5	142	0.19	0.08	1.73	0.02	23.4	7.9	20.8
E5548213 (5882923)	1.32	0.07	1.66	0.5	<0.005	<5	32	0.14	1.17	0.50	2.11	13.9	8.9	51.8
E5548214 (5882924)	1.06	0.13	1.44	0.6	<0.005	<5	27	0.09	0.10	0.67	0.04	25.7	2.5	42.7
E5548215 (5882925)	1.08	0.22	1.11	0.5	<0.005	<5	83	0.10	0.21	0.52	0.28	19.3	12.0	35.0
E5548216 (5882926)	1.02	0.10	2.89	2.4	<0.005	<5	127	0.26	0.18	2.09	0.24	33.3	9.1	51.1
E5548217 (5882927)	1.16	0.47	3.03	10.7	0.038	<5	31	0.34	0.37	1.96	0.39	5.18	39.3	101
E5548218 (5882928)	1.02	3.80	0.04	1.1	11.5	<5	<1	<0.05	0.96	0.03	1.34	0.27	0.7	107
E5548219 (5882929)	0.92	0.33	1.21	0.8	0.041	<5	6	0.08	0.33	0.33	0.11	8.23	7.0	61.9
E5548220 (5882930)	1.22	0.20	0.79	1.1	0.018	<5	25	0.06	0.46	0.34	0.17	6.06	5.4	18.3
E5548221 (5882931)	0.90	0.08	1.13	0.4	<0.005	<5	16	0.05	0.04	1.26	0.05	5.63	15.8	57.8
E5548222 (5882932)	1.36	0.09	0.74	0.4	<0.005	<5	6	<0.05	0.03	0.61	0.02	5.13	6.3	15.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
E5548223 (5882933)	1.12	0.15	1.83	0.5	<0.005	<5	24	0.17	0.19	2.41	0.05	4.40	35.7	42.5
E5548224 (5882934)	1.00	0.11	1.30	0.3	<0.005	<5	82	0.06	0.16	0.24	0.04	30.6	5.2	28.0
E5548225 (5882935)	0.98	0.49	0.51	0.5	<0.005	<5	8	0.08	0.24	0.89	0.08	35.2	53.8	29.7
E5548226 (5882936)	1.22	0.16	1.12	0.4	<0.005	<5	35	0.09	0.09	0.88	0.03	28.5	8.9	15.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5554492 (5882902)	0.14	185	2.78	1.32	0.17	0.09	<0.01	<0.005	0.03	0.5	1.0	0.17	115	71.2
E5554493 (5882903)	0.13	614	3.21	0.93	0.17	0.05	<0.01	0.015	0.01	0.4	0.8	0.19	77	11.8
E5554494 (5882904)	1.98	18.0	1.36	3.20	0.15	0.25	<0.01	<0.005	0.50	8.4	5.5	0.42	315	3.64
E5554495 (5882905)	1.41	0.8	1.79	4.44	0.15	0.20	<0.01	0.009	0.58	12.4	7.4	0.52	294	1.04
E5554496 (5882906)	1.35	1.6	1.60	4.15	0.15	0.14	<0.01	<0.005	0.45	9.6	6.0	0.57	326	0.82
E5554497 (5882907)	2.58	46.8	1.07	3.87	0.13	0.04	<0.01	0.009	0.02	2.3	7.7	0.55	167	0.50
E5554498 (5882908)	2.18	25.7	3.74	4.00	0.20	0.19	0.01	0.012	0.47	1.6	8.6	0.77	412	0.76
E5554499 (5882909)	0.47	71.9	3.50	2.16	0.18	0.19	0.01	0.006	0.12	1.1	3.3	0.43	300	0.48
E5554500 (5882910)	5.23	14.1	7.98	14.6	0.66	0.11	0.01	0.080	1.65	3.8	29.1	1.25	648	0.55
E5554501 (5882911)	8.95	83.5	7.79	4.68	0.21	0.05	<0.01	0.016	0.39	2.9	8.2	0.90	445	4.73
E5554502 (5882912)	7.24	303	5.41	10.8	0.27	0.12	<0.01	0.096	0.85	12.2	79.3	0.90	350	2.70
E5554503 (5882913)	4.14	93.2	4.75	5.87	0.58	0.09	<0.01	0.028	0.16	6.1	45.7	0.78	353	1.03
E5554504 (5882914)	0.98	114	1.56	1.93	0.14	0.12	<0.01	0.016	0.30	3.3	4.1	0.23	95	1.65
E5554505 (5882915)	1.38	182	2.83	3.29	0.15	0.08	<0.01	0.008	0.13	1.4	11.4	0.49	214	4.44
E5554506 (5882916)	1.01	987	2.66	7.60	0.21	0.07	<0.01	0.390	0.20	5.6	19.1	0.94	223	6.59
E5554507 (5882917)	1.41	216	2.29	3.33	0.16	0.06	<0.01	0.038	0.04	2.0	21.5	0.59	291	1.05
E5554508 (5882918)	5.44	45.1	1.54	4.58	0.15	0.04	<0.01	0.012	0.38	3.8	37.5	0.69	77	0.51
E5554509 (5882919)	38.1	294	3.10	3.71	0.17	0.04	<0.01	0.020	0.13	0.8	123	1.10	296	0.50
E5548210 (5882920)	4.79	42.5	3.21	8.92	0.19	0.14	<0.01	0.033	0.81	15.1	15.3	1.02	364	0.82
E5548211 (5882921)	4.72	49.3	1.92	7.97	0.13	0.09	<0.01	0.025	0.39	9.7	14.3	0.62	259	1.47
E5548212 (5882922)	16.4	40.7	1.40	7.07	0.13	0.08	<0.01	0.008	0.35	10.0	64.7	0.49	212	3.38
E5548213 (5882923)	6.39	76.9	3.43	5.88	0.15	0.50	<0.01	0.225	0.47	6.6	30.0	0.57	350	1.96
E5548214 (5882924)	0.98	17.7	1.90	5.65	0.13	0.10	<0.01	0.021	0.28	14.5	8.1	0.53	308	0.96
E5548215 (5882925)	2.13	43.8	2.48	5.50	0.16	0.24	<0.01	0.032	0.39	8.5	14.1	0.63	268	1.84
E5548216 (5882926)	1.29	34.6	1.58	7.94	0.11	0.17	<0.01	0.025	0.36	13.7	9.4	0.46	350	3.75
E5548217 (5882927)	3.80	68.0	4.11	6.62	0.20	0.08	<0.01	0.012	0.57	2.2	7.4	0.83	443	0.98
E5548218 (5882928)	0.20	102	0.44	0.27	0.12	<0.02	0.01	0.010	<0.01	0.1	0.6	0.02	20	3.69
E5548219 (5882929)	0.84	83.8	2.90	4.85	0.14	0.11	<0.01	0.012	0.07	4.3	24.4	0.74	197	5.78
E5548220 (5882930)	1.58	46.4	14.2	9.33	0.39	0.04	<0.01	0.129	0.08	3.7	4.1	0.31	123	1.97
E5548221 (5882931)	2.67	145	1.59	2.65	0.14	0.04	<0.01	0.009	0.13	2.6	22.6	0.68	250	0.64
E5548222 (5882932)	0.53	73.5	2.42	3.61	0.15	0.05	<0.01	0.020	0.03	2.2	2.4	0.50	171	0.47
E5548223 (5882933)	2.21	176	3.23	3.64	0.13	0.09	<0.01	0.006	0.02	1.7	2.6	0.17	266	1.28

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.005	0.01	0.1	0.1	0.01	1	0.05	
E5548224 (5882934)		3.45	23.9	2.34	7.81	0.17	0.17	<0.01	0.040	0.81	17.5	23.9	1.19	428	1.82
E5548225 (5882935)		0.71	232	4.70	2.00	0.20	0.16	<0.01	0.010	0.10	16.3	3.9	0.25	184	3.99
E5548226 (5882936)		4.28	39.0	3.26	5.09	0.20	0.13	<0.01	0.021	0.60	13.2	23.1	0.79	413	2.08

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ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
E5554492 (5882902)		<0.01	0.32	52.3	201	42.5	1.2	0.050	1.54	<0.05	2.1	2.0	0.7	37.6	<0.01
E5554493 (5882903)		<0.01	0.19	33.7	150	15.0	0.4	0.006	1.87	<0.05	1.1	2.5	0.4	7.1	<0.01
E5554494 (5882904)		0.02	0.44	13.2	331	3.1	43.4	0.002	0.091	<0.05	1.4	0.3	<0.2	9.0	<0.01
E5554495 (5882905)		0.04	0.49	8.9	773	1.1	35.4	<0.001	0.012	<0.05	2.0	0.2	<0.2	6.8	<0.01
E5554496 (5882906)		0.03	0.52	12.3	382	1.6	29.1	<0.001	0.028	<0.05	1.8	<0.2	<0.2	7.1	<0.01
E5554497 (5882907)		0.20	0.16	17.3	323	0.4	2.0	<0.001	0.038	<0.05	4.8	<0.2	<0.2	42.1	<0.01
E5554498 (5882908)		0.07	0.22	26.9	368	0.6	25.1	0.009	0.956	<0.05	6.7	0.3	<0.2	3.3	<0.01
E5554499 (5882909)		0.04	0.35	88.9	420	2.2	5.6	0.003	1.62	1.29	5.4	0.4	<0.2	4.3	<0.01
E5554500 (5882910)		0.02	0.38	73.6	632	4.2	61.6	0.001	1.26	0.70	35.5	0.6	0.9	3.9	<0.01
E5554501 (5882911)		0.03	0.35	16.2	524	1.0	42.0	0.004	0.325	0.06	5.0	0.5	0.2	12.6	<0.01
E5554502 (5882912)		0.06	0.80	23.1	430	20.4	43.8	0.003	1.41	0.09	6.5	4.6	1.5	16.3	<0.01
E5554503 (5882913)		0.10	0.31	73.7	982	6.8	10.8	0.003	1.10	<0.05	7.7	1.2	0.5	4.9	<0.01
E5554504 (5882914)		0.03	0.19	10.0	268	1.1	9.8	0.001	0.477	<0.05	1.0	1.4	0.3	6.0	<0.01
E5554505 (5882915)		0.02	0.27	43.8	195	1.5	8.1	0.002	0.734	<0.05	5.0	1.6	0.3	7.0	<0.01
E5554506 (5882916)		0.03	0.13	45.3	202	9.4	7.7	0.014	2.04	<0.05	3.6	15.5	0.5	1.4	<0.01
E5554507 (5882917)		0.09	0.17	44.7	331	1.3	3.6	0.002	0.335	<0.05	5.9	2.5	<0.2	4.5	<0.01
E5554508 (5882918)		0.14	0.14	108	334	1.1	15.5	<0.001	0.061	<0.05	4.9	0.5	0.3	14.1	<0.01
E5554509 (5882919)		0.07	0.11	123	77	0.8	36.6	0.001	0.447	<0.05	5.8	1.9	<0.2	3.3	<0.01
E5548210 (5882920)		0.15	0.28	21.2	1240	3.2	47.2	<0.001	0.565	<0.05	8.5	0.7	0.3	39.5	<0.01
E5548211 (5882921)		0.18	0.19	20.0	602	3.9	26.8	0.001	0.531	<0.05	5.0	0.6	0.2	73.1	<0.01
E5548212 (5882922)		0.19	0.18	18.5	365	1.8	37.2	0.002	0.135	<0.05	2.8	0.3	<0.2	124	<0.01
E5548213 (5882923)		0.06	0.52	11.9	225	3.4	30.6	0.001	0.323	<0.05	2.5	1.6	0.7	20.6	<0.01
E5548214 (5882924)		0.15	0.13	1.9	687	3.0	15.7	<0.001	0.195	<0.05	5.9	0.4	0.2	44.4	<0.01
E5548215 (5882925)		0.08	0.25	25.7	736	2.8	28.6	0.001	0.856	<0.05	5.4	0.6	0.3	25.8	<0.01
E5548216 (5882926)		0.08	0.41	17.0	613	3.8	21.8	0.001	0.263	<0.05	2.2	0.6	0.2	138	<0.01
E5548217 (5882927)		0.14	0.17	81.3	396	32.1	41.8	0.001	1.39	<0.05	9.0	1.0	<0.2	60.5	<0.01
E5548218 (5882928)		<0.01	0.30	4.8	30	42.7	0.4	<0.001	0.039	<0.05	0.2	0.7	<0.2	1.2	<0.01
E5548219 (5882929)		0.03	0.37	8.2	364	3.4	4.0	0.001	0.137	<0.05	2.0	0.9	0.2	8.8	<0.01
E5548220 (5882930)		0.04	0.26	10.3	675	4.2	7.2	0.001	0.366	<0.05	2.1	3.4	1.7	10.6	<0.01
E5548221 (5882931)		0.03	0.15	58.6	435	1.1	9.5	<0.001	0.155	<0.05	3.1	0.8	<0.2	11.6	<0.01
E5548222 (5882932)		0.10	0.13	3.7	547	0.5	2.1	0.001	0.144	<0.05	8.5	1.4	<0.2	2.8	<0.01
E5548223 (5882933)		0.09	0.48	42.6	485	0.5	2.6	0.002	1.66	<0.05	3.5	1.6	<0.2	35.8	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

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MISSISSAUGA, ONTARIO
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TEL (905)501-9998
FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	
E5548224 (5882934)		0.05	0.44	4.1	796	3.0	40.9	0.001	0.263	<0.05	6.5	0.6	0.7	14.2	<0.01
E5548225 (5882935)		0.06	0.74	52.9	1400	1.6	5.8	0.003	3.39	<0.05	3.3	2.9	0.2	30.1	<0.01
E5548226 (5882936)		0.08	0.31	4.7	1600	1.5	56.0	0.002	0.251	<0.05	6.2	0.7	0.3	26.5	<0.01

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-Grav	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/t	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.05	0.001
E5554492 (5882902)	0.38	0.2	0.095	0.01	<0.05	29.2	0.45	2.05	288	1.8		
E5554493 (5882903)	0.34	<0.1	0.036	<0.01	<0.05	18.6	0.31	1.13	78.5	1.2		
E5554494 (5882904)	0.14	2.1	0.080	0.16	0.15	20.9	0.14	2.51	34.6	10.1		
E5554495 (5882905)	0.08	2.5	0.126	0.15	0.15	52.5	0.13	5.58	19.4	8.2		
E5554496 (5882906)	0.05	2.6	0.087	0.12	0.22	25.5	0.09	2.52	46.7	6.1		
E5554497 (5882907)	0.05	0.5	0.059	<0.01	<0.05	34.6	<0.05	2.75	10.6	1.1		
E5554498 (5882908)	0.14	0.4	0.211	0.22	0.07	104	24.2	4.84	28.2	1.5		
E5554499 (5882909)	0.13	0.2	0.154	0.06	<0.05	60.8	27.1	3.23	38.5	1.6		
E5554500 (5882910)	0.07	0.5	0.506	0.59	0.06	423	21.6	8.23	138	0.8		
E5554501 (5882911)	0.10	0.4	0.132	0.26	<0.05	73.8	3.23	1.88	68.5	0.7		
E5554502 (5882912)	0.98	3.7	0.147	0.57	0.54	62.1	4.32	6.46	121	3.0		
E5554503 (5882913)	0.52	1.0	0.184	0.15	0.10	94.2	1.03	9.96	159	1.2		
E5554504 (5882914)	0.33	1.1	0.038	0.19	0.13	9.6	0.61	0.92	35.5	4.1		
E5554505 (5882915)	0.48	0.3	0.101	0.07	<0.05	56.3	1.46	3.14	11.8	1.5		
E5554506 (5882916)	3.32	2.0	0.050	0.72	0.24	36.6	0.51	2.46	228	2.5		
E5554507 (5882917)	1.27	0.5	0.086	0.09	0.05	59.2	0.36	4.14	35.6	1.1		
E5554508 (5882918)	0.48	1.4	0.094	0.13	0.16	115	0.28	3.77	12.2	1.1		
E5554509 (5882919)	0.39	0.3	0.133	0.36	<0.05	63.5	0.28	2.38	26.9	0.7		
E5548210 (5882920)	0.31	3.6	0.194	0.40	0.51	97.9	0.31	4.37	104	4.8		
E5548211 (5882921)	0.20	2.3	0.077	0.30	0.22	39.6	0.17	3.03	163	2.9		
E5548212 (5882922)	0.12	2.5	0.103	0.27	0.36	29.8	0.25	2.68	24.3	2.4		
E5548213 (5882923)	0.42	3.5	0.080	0.29	1.84	20.1	0.19	3.35	498	16.2		
E5548214 (5882924)	0.23	1.7	0.072	0.23	0.18	53.6	0.12	2.14	36.6	3.3		
E5548215 (5882925)	0.23	2.7	0.093	0.26	0.36	46.0	0.13	3.78	123	8.1		
E5548216 (5882926)	0.19	3.7	0.059	0.21	0.54	21.1	0.13	3.76	91.6	5.7		
E5548217 (5882927)	0.20	0.7	0.186	0.32	0.07	101	1.53	3.88	130	1.9		
E5548218 (5882928)	1.75	<0.1	<0.005	<0.01	<0.05	2.5	0.19	0.08	159	<0.5	4.79	6.66
E5548219 (5882929)	0.69	1.8	0.047	0.03	0.16	22.6	0.38	2.12	42.5	3.8		
E5548220 (5882930)	0.58	0.8	0.047	0.08	0.08	40.7	0.36	1.80	65.4	1.5		
E5548221 (5882931)	0.28	0.4	0.085	0.07	<0.05	33.7	0.45	4.34	19.9	0.9		
E5548222 (5882932)	0.19	0.5	0.075	0.02	<0.05	83.4	0.14	5.74	19.8	1.2		
E5548223 (5882933)	0.24	0.3	0.124	0.03	<0.05	30.5	0.23	5.05	11.3	1.7		

Certified By:



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AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 02, 2014

DATE RECEIVED: Oct 02, 2014

DATE REPORTED: Oct 24, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-Grav	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/t	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001
E5548224 (5882934)		0.17	3.3	0.171	0.36	0.27	62.9	0.14	4.36	60.8	7.0	
E5548225 (5882935)		0.32	2.4	0.105	0.09	0.32	37.1	0.17	5.56	28.8	3.7	
E5548226 (5882936)		0.16	2.6	0.173	0.39	0.35	86.2	0.13	5.57	46.6	2.9	

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Oct 02, 2014		DATE RECEIVED: Oct 02, 2014					DATE REPORTED: Oct 24, 2014					SAMPLE TYPE: Rock			
Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
E5554494 (5882904)		13.3	0.06	2.51	<0.01	2.78	2.88	0.94	0.06	1.93	0.07	73.2	0.31	0.01	<0.01
E5554495 (5882905)		16.2	0.04	3.43	<0.01	3.13	1.87	1.02	0.06	3.88	0.17	68.1	0.58	0.02	0.01
E5554496 (5882906)		15.2	0.07	2.22	<0.01	2.82	1.62	1.06	0.06	4.31	0.09	71.0	0.32	0.04	<0.01
E5554497 (5882907)		14.2	<0.01	10.6	0.03	12.7	0.17	8.63	0.18	1.41	0.07	50.3	1.01	<0.01	0.05
Analyte:	LOI	Total													
Unit:	%	%													
Sample ID (AGAT ID)	RDL:	0.01	0.01												
E5554494 (5882904)		1.16	99.2												
E5554495 (5882905)		0.99	99.5												
E5554496 (5882906)		1.01	99.8												
E5554497 (5882907)		0.61	99.9												

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5882902	0.63	0.73	14.7%	5882920	0.174	0.214	20.6%				
Al	5882902	0.27	0.28	3.6%	5882920	2.06	1.98	4.0%				
As	5882902	1.3	1.2	8.0%	5882920	0.6	0.5	18.2%				
Au	5882902	0.018	0.014	25.0%	5882920	< 0.005	< 0.005	0.0%				
B	5882902	< 5	< 5	0.0%	5882920	< 5	< 5	0.0%				
Ba	5882902	12	12	0.0%	5882920	112	111	0.9%				
Be	5882902	0.12	0.11	8.7%	5882920	0.105	0.101	3.9%				
Bi	5882902	1.44	1.60	10.5%	5882920	0.328	0.314	4.4%				
Ca	5882902	1.14	1.21	6.0%	5882920	0.91	0.86	5.6%				
Cd	5882902	3.74	3.66	2.2%	5882920	0.07	0.07	0.0%				
Ce	5882902	1.22	1.25	2.4%	5882920	36.4	35.6	2.2%				
Co	5882902	29.4	29.4	0.0%	5882920	12.6	12.4	1.6%				
Cr	5882902	29.0	29.7	2.4%	5882920	56.1	55.0	2.0%				
Cs	5882902	0.14	0.14	0.0%	5882920	4.79	4.84	1.0%				
Cu	5882902	185	190	2.7%	5882920	42.5	40.8	4.1%				
Fe	5882902	2.78	2.86	2.8%	5882920	3.21	3.13	2.5%				
Ga	5882902	1.32	1.33	0.8%	5882920	8.92	8.72	2.3%				
Ge	5882902	0.17	0.17	0.0%	5882920	0.19	0.19	0.0%				
Hf	5882902	0.09	0.09	0.0%	5882920	0.14	0.14	0.0%				
Hg	5882902	< 0.01	< 0.01	0.0%	5882920	< 0.01	< 0.01	0.0%				
In	5882902	< 0.005	< 0.005	0.0%	5882920	0.033	0.031	6.3%				
K	5882902	0.03	0.03	0.0%	5882920	0.81	0.79	2.5%				
La	5882902	0.5	0.5	0.0%	5882920	15.1	15.2	0.7%				
Li	5882902	1.0	1.0	0.0%	5882920	15.3	14.8	3.3%				
Mg	5882902	0.17	0.17	0.0%	5882920	1.02	1.00	2.0%				
Mn	5882902	115	118	2.6%	5882920	364	355	2.5%				
Mo	5882902	71.2	75.0	5.2%	5882920	0.824	0.858	4.0%				
Na	5882902	< 0.01	< 0.01	0.0%	5882920	0.146	0.137	6.4%				
Nb	5882902	0.323	0.342	5.7%	5882920	0.276	0.229	18.6%				
Ni	5882902	52.3	52.3	0.0%	5882920	21.2	20.5	3.4%				
P	5882902	201	207	2.9%	5882920	1240	1220	1.6%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5882902	42.5	45.2	6.2%	5882902	3.2	2.8	13.3%									
Rb	5882902	1.2	1.2	0.0%	5882902	47.2	45.9	2.8%									
Re	5882902	0.050	0.053	5.8%	5882902	< 0.001	< 0.001	0.0%									
S	5882902	1.54	1.59	3.2%	5882902	0.565	0.558	1.2%									
Sb	5882902	< 0.05	< 0.05	0.0%	5882902	< 0.05	< 0.05	0.0%									
Sc	5882902	2.1	2.1	0.0%	5882902	8.54	8.60	0.7%									
Se	5882902	1.99	2.17	8.7%	5882902	0.7	0.7	0.0%									
Sn	5882902	0.73	0.76	4.0%	5882902	0.3	0.3	0.0%									
Sr	5882902	37.6	39.2	4.2%	5882902	39.5	37.9	4.1%									
Ta	5882902	< 0.01	< 0.01	0.0%	5882902	< 0.01	< 0.01	0.0%									
Te	5882902	0.381	0.391	2.6%	5882902	0.310	0.285	8.4%									
Th	5882902	0.16	0.12	28.6%	5882902	3.6	3.7	2.7%									
Ti	5882902	0.0954	0.102	6.7%	5882902	0.194	0.187	3.7%									
Tl	5882902	0.01	0.01	0.0%	5882902	0.401	0.395	1.5%									
U	5882902	< 0.05	< 0.05	0.0%	5882902	0.51	0.49	4.0%									
V	5882902	29.2	30.2	3.4%	5882902	97.9	96.1	1.9%									
W	5882902	0.453	0.491	8.1%	5882902	0.305	0.249	20.2%									
Y	5882902	2.05	2.09	1.9%	5882902	4.37	4.31	1.4%									
Zn	5882902	288	302	4.7%	5882902	104	105	1.0%									
Zr	5882902	1.8	1.8	0.0%	5882902	4.8	4.8	0.0%									
Au-Grav									5882928	4.79	4.84	1.0%					

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	REPLICATE #1				RPD												
	Sample ID	Original	Replicate	RPD													
Al2O3	5882904	13.3	13.3	0.0%													
BaO	5882904	0.06	0.06	3.4%													
CaO	5882904	2.51	2.54	1.1%													
Cr2O3	5882904	<0.01	<0.01	0.0%													
Fe2O3	5882904	2.78	2.77	0.3%													
K2O	5882904	2.88	2.91	1.2%													
MgO	5882904	0.94	0.94	0.2%													
MnO	5882904	0.06	0.06	0.0%													
Na2O	5882904	1.93	1.94	0.2%													
P2O5	5882904	0.07	0.07	1.4%													



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

SiO2	5882904	73.2	73.7	0.8%												
TiO2	5882904	0.31	0.30	2.0%												
SrO	5882904	0.01	0.02	40.0%												
V2O5	5882904	<0.01	<0.01	0.0%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CDN-ME-1303)				CRM #4			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag									152	154	101%	90% - 110%				
Co	184	167	91%	90% - 110%	184	174	95%	90% - 110%								
Cu	3494	3243	93%	90% - 110%	3494	3399	97%	90% - 110%	3440	3389	99%	90% - 110%				
Ni	2985	2732	92%	90% - 110%	2985	2836	95%	90% - 110%								
Zn									9310	9563	103%	90% - 110%				
Au-Grav													14.8	16.0	108%	90% - 110%

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CDN-ME-1303)				CRM #4			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Al2O3	20.69	20.6	99%	90% - 110%												
BaO	0.04	0.04	100%	90% - 110%												
CaO	8.05	8.11	100%	90% - 110%												
Fe2O3	6.21	6.29	101%	90% - 110%												
K2O	1.66	1.65	99%	90% - 110%												
MgO	0.54	0.53	98%	90% - 110%												
MnO	0.108	0.11	101%	90% - 110%												
Na2O	7.10	7.10	100%	90% - 110%												
P2O5	0.131	0.12	91%	90% - 110%												
SiO2	49.9	49.9	100%	90% - 110%												
TiO2	0.287	0.29	101%	90% - 110%												
SrO	0.14	0.14	100%	90% - 110%												

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 2, 2014
 SAMPLING SITE:

AGAT WORK ORDER: 14B896768
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B896768

PROJECT: OCT 2, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au-Grav	MIN-200-12006		GRAVIMETRIC
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Al ₂ O ₃	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr ₂ O ₃	MIN-200-12027		XRF
Fe ₂ O ₃	MIN-200-12027		XRF
K ₂ O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 6, 2014

AGAT WORK ORDER: 14T899072

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 14, 2014

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 14T899072

PROJECT: OCT 6, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 08, 2014

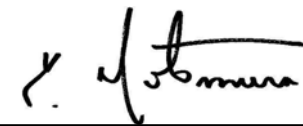
DATE RECEIVED: Oct 07, 2014

DATE REPORTED: Oct 14, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5548227 (5909806)		1.52	0.85	3.42	11.8	0.021	<5	43	0.19	<0.01	1.59	0.08	4.47	45.4	153
E5548228 (5909807)		1.20	0.58	0.91	164	0.020	<5	26	0.10	0.08	1.29	0.08	3.50	10.9	49.9
E5548229 (5909808)		0.86	0.96	3.45	48.7	0.015	<5	44	0.11	<0.01	1.27	0.04	6.44	69.0	137
E5548230 (5909809)		1.40	1.97	1.55	169	0.435	<5	4	0.20	<0.01	1.54	0.16	3.45	42.7	79.6
E5548231 (5909810)		1.94	0.19	5.23	2.2	<0.005	<5	122	0.20	0.25	3.33	0.05	2.17	40.6	159
Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5548227 (5909806)		9.42	129	6.81	7.93	0.27	0.02	<0.01	0.013	1.69	1.7	28.6	1.84	871	0.47
E5548228 (5909807)		0.89	58.3	2.89	2.31	0.18	0.05	<0.01	0.009	0.13	1.8	1.9	0.48	421	0.52
E5548229 (5909808)		8.71	236	6.47	7.62	0.25	<0.02	<0.01	0.009	1.83	2.3	30.9	1.93	918	0.31
E5548230 (5909809)		0.97	101	4.99	4.44	0.18	0.04	<0.01	0.010	0.19	1.4	10.9	0.67	366	0.33
E5548231 (5909810)		4.76	208	3.58	10.8	0.17	<0.02	<0.01	0.010	0.63	1.1	24.2	1.11	442	0.47
Sample ID (AGAT ID)	Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5548227 (5909806)		0.05	<0.05	106	404	2.1	80.6	0.002	1.06	<0.05	15.6	0.7	<0.2	10.0	<0.01
E5548228 (5909807)		0.04	<0.05	15.4	235	2.7	7.2	<0.001	0.080	0.15	7.0	0.4	<0.2	14.5	<0.01
E5548229 (5909808)		0.03	<0.05	134	398	2.6	92.2	0.002	0.849	<0.05	13.5	1.0	<0.2	10.8	<0.01
E5548230 (5909809)		0.02	<0.05	112	426	6.8	9.6	0.001	2.59	0.32	6.9	0.7	<0.2	6.2	<0.01
E5548231 (5909810)		0.28	<0.05	94.7	238	3.6	34.4	0.003	1.26	0.09	9.1	1.4	0.6	81.8	<0.01

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14T899072

PROJECT: OCT 6, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 08, 2014

DATE RECEIVED: Oct 07, 2014

DATE REPORTED: Oct 14, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5548227 (5909806)	<0.01	0.2	0.409	0.55	<0.05	217	2.04	8.48	135	0.7	
E5548228 (5909807)	<0.01	<0.1	0.191	0.03	<0.05	61.5	1.41	5.57	31.2	1.9	
E5548229 (5909808)	<0.01	<0.1	0.387	0.67	<0.05	196	1.18	6.40	75.8	0.7	
E5548230 (5909809)	<0.01	<0.1	0.175	0.07	<0.05	100	4.46	5.47	26.6	1.0	
E5548231 (5909810)	<0.01	<0.1	0.182	0.41	<0.05	109	0.38	3.82	83.8	0.6	

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Quality Assurance - Replicate
AGAT WORK ORDER: 14T899072
PROJECT: OCT 6, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Parameter														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	180	167	93%	90% - 110%										
Cu	3494	3383	97%	90% - 110%										
Ni	2985	2740	92%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 6, 2014
 SAMPLING SITE:

AGAT WORK ORDER: 14T899072
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T899072

PROJECT: OCT 6, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 10, 2014

AGAT WORK ORDER: 14B901878

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 28, 2014

PAGES (INCLUDING COVER): 16

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5549042 (5936783)	0.86	0.04	1.00	0.3	<0.005	<5	14	0.06	0.26	0.31	0.02	17.1	2.0	23.0
E5549043 (5936784)	1.10	0.06	0.89	0.6	<0.005	<5	6	0.06	0.15	2.09	0.07	4.54	17.7	32.3
E5549044 (5936785)	1.14	0.04	2.03	0.5	<0.005	<5	11	0.06	0.06	1.57	0.04	5.82	25.0	81.8
E5549045 (5936786)	0.72	0.06	3.88	<0.1	<0.005	<5	53	0.11	0.05	2.63	0.04	6.31	33.2	56.9
E5549046 (5936787)	1.32	0.10	1.59	<0.1	<0.005	<5	212	0.05	0.09	0.87	0.08	2.62	23.9	59.0
E5549047 (5936788)	1.28	0.06	1.13	0.1	<0.005	<5	162	<0.05	0.02	0.50	0.02	8.04	8.4	20.7
E5549048 (5936789)	1.00	0.02	0.73	<0.1	<0.005	<5	3	<0.05	0.02	1.11	0.01	23.3	12.2	20.6
E5549049 (5936790)	1.10	0.39	1.35	0.3	0.005	<5	10	0.13	0.12	0.84	0.04	21.1	26.5	14.6
E5549050 (5936791)	0.94	0.36	0.77	0.1	<0.005	<5	46	0.18	0.55	1.12	0.03	26.0	23.5	16.6
E5549051 (5936792)	1.04	0.84	0.99	0.2	<0.005	<5	113	0.05	1.16	1.03	0.06	10.5	101	150
E5549052 (5936793)	1.00	0.17	1.51	<0.1	<0.005	<5	66	<0.05	0.05	0.46	0.16	17.7	19.6	77.3
E5549053 (5936794)	1.44	0.08	1.16	<0.1	<0.005	<5	118	<0.05	0.30	0.55	0.02	5.27	12.0	112
E5549054 (5936795)	1.12	0.05	1.94	0.1	<0.005	<5	18	0.10	0.05	1.79	0.05	7.24	19.3	43.3
E5549055 (5936796)	0.96	0.04	0.69	<0.1	<0.005	<5	3	<0.05	0.01	0.70	0.02	2.29	6.1	30.4
E5549056 (5936797)	0.96	0.02	2.37	<0.1	<0.005	<5	193	0.05	0.03	0.41	0.02	15.5	12.5	29.7
E5549057 (5936798)	1.46	<0.01	2.57	<0.1	<0.005	<5	<1	<0.05	0.25	0.16	<0.01	0.42	31.3	1260
E5549058 (5936799)	1.16	0.03	1.11	0.6	<0.005	<5	54	0.12	0.02	0.63	0.05	52.6	6.9	42.4
E5549059 (5936800)	1.06	<0.01	1.83	0.1	<0.005	<5	8	<0.05	0.03	0.14	0.01	0.75	47.0	1180
E5548342 (5936801)	0.94	0.02	1.88	0.2	<0.005	<5	122	<0.05	0.02	0.98	0.03	6.49	27.5	180
E5548343 (5936802)	1.28	0.14	2.13	0.1	<0.005	12	43	0.63	1.07	1.50	0.04	20.9	10.3	253
E5548344 (5936803)	1.08	0.10	0.93	<0.1	<0.005	<5	28	<0.05	0.09	0.13	0.02	1.16	28.4	876
E5548345 (5936804)	0.84	0.04	1.68	<0.1	<0.005	<5	43	<0.05	0.04	2.16	0.04	1.22	16.8	124
E5548346 (5936805)	0.54	0.74	0.27	32.4	0.281	<5	8	0.11	0.03	0.38	0.15	1.79	19.7	63.6
E5548347 (5936806)	0.90	0.69	0.66	27.7	1.62	<5	12	0.09	0.04	0.28	0.57	3.70	19.6	25.8
E5548348 (5936807)	0.74	0.78	1.30	42.7	0.502	<5	9	0.30	0.02	1.14	0.22	1.83	36.9	64.8
E5548349 (5936808)	1.60	0.34	2.36	0.2	0.065	<5	4	0.07	0.15	0.85	5.16	6.75	63.1	126
E5548350 (5936809)	1.36	0.09	1.36	0.2	<0.005	<5	67	0.09	0.05	1.31	0.05	8.30	27.7	25.7
E5548351 (5936810)	1.56	0.03	1.02	0.1	<0.005	<5	5	<0.05	0.32	0.12	0.07	0.71	67.1	1280
E5548352 (5936811)	1.32	0.06	2.67	0.2	<0.005	<5	175	0.11	0.11	1.97	0.05	1.54	25.0	278
E5548353 (5936812)	1.34	0.05	0.91	<0.1	<0.005	<5	34	0.05	0.02	1.49	0.06	13.2	16.7	53.3
E5548354 (5936813)	1.18	0.05	3.40	<0.1	<0.005	<5	260	0.08	0.18	1.93	0.04	5.81	20.6	109

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014		DATE RECEIVED: Oct 14, 2014					DATE REPORTED: Oct 28, 2014					SAMPLE TYPE: Rock				
Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr		
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm		
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5		
Sample ID (AGAT ID)																
E5548355 (5936814)	1.66	0.03	1.36	<0.1	<0.005	<5	183	0.09	0.12	0.15	0.03	18.7	6.5	14.0		
E5548356 (5936815)	1.40	0.04	1.31	0.2	<0.005	<5	96	0.08	0.03	0.71	0.03	26.6	16.4	56.2		
E5548357 (5936816)	0.80	0.78	0.54	0.7	<0.005	<5	65	<0.05	1.19	0.65	1.02	8.28	40.4	10.5		
E5548358 (5936817)	1.02	0.52	0.79	0.9	0.008	<5	16	<0.05	1.02	0.24	24.7	7.96	134	59.5		
E5548359 (5936818)	1.02	0.36	1.88	0.3	<0.005	<5	28	0.13	0.57	1.13	0.36	15.5	14.4	23.0		

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5549042 (5936783)	3.03	12.9	1.94	3.73	0.12	0.12	<0.01	0.006	0.27	11.4	21.1	0.77	146	0.87
E5549043 (5936784)	0.54	72.8	1.32	1.81	0.13	0.05	<0.01	0.008	0.03	2.1	2.4	0.31	319	0.74
E5549044 (5936785)	0.81	81.6	4.60	4.00	0.14	0.05	<0.01	0.011	0.04	2.7	14.7	0.71	774	0.69
E5549045 (5936786)	1.21	77.8	3.33	6.64	0.12	0.05	<0.01	0.009	0.11	3.0	8.5	0.54	336	0.62
E5549046 (5936787)	9.87	459	3.60	4.94	0.16	0.05	<0.01	0.014	0.35	1.2	16.4	1.18	299	0.30
E5549047 (5936788)	1.84	38.0	1.83	4.32	0.12	0.08	<0.01	0.012	0.27	4.0	12.2	0.55	160	0.17
E5549048 (5936789)	0.42	9.9	4.30	8.86	0.19	0.08	<0.01	0.045	0.01	9.3	2.5	0.26	338	0.18
E5549049 (5936790)	0.53	189	2.36	6.73	0.15	0.10	<0.01	0.029	0.06	9.8	15.2	0.54	112	0.95
E5549050 (5936791)	1.12	186	2.86	5.01	0.16	0.20	<0.01	0.026	0.12	13.7	2.6	0.31	318	1.40
E5549051 (5936792)	2.11	1890	4.26	2.49	0.17	0.18	<0.01	0.012	0.35	5.4	12.3	1.19	211	0.74
E5549052 (5936793)	2.01	44.3	2.27	7.00	0.16	0.11	<0.01	0.018	0.76	7.9	17.9	0.82	407	0.32
E5549053 (5936794)	19.0	84.9	1.93	3.05	0.14	0.04	<0.01	0.012	0.36	2.3	8.7	0.70	194	2.38
E5549054 (5936795)	1.34	68.5	2.01	4.97	0.13	0.10	<0.01	0.017	0.14	2.9	5.5	0.41	404	0.44
E5549055 (5936796)	0.69	25.9	0.86	1.51	0.12	0.04	<0.01	0.007	0.01	1.1	3.7	0.52	133	0.18
E5549056 (5936797)	4.69	1.6	2.43	10.7	0.15	0.12	<0.01	0.017	1.27	7.1	21.6	1.28	344	0.20
E5549057 (5936798)	0.56	5.6	2.81	5.74	0.15	<0.02	<0.01	0.007	<0.01	0.2	7.6	4.28	328	0.06
E5549058 (5936799)	1.99	13.2	1.69	6.78	0.14	0.33	<0.01	0.011	0.22	29.5	21.8	0.56	386	0.16
E5549059 (5936800)	0.20	92.0	2.07	4.30	0.16	0.02	<0.01	0.011	<0.01	0.4	0.9	4.05	126	0.21
E5548342 (5936801)	4.21	114	2.55	5.82	0.14	0.03	<0.01	0.018	0.20	2.7	23.1	1.11	231	0.21
E5548343 (5936802)	9.02	180	3.12	8.53	0.16	0.12	<0.01	0.010	0.33	10.8	51.1	1.16	198	1.07
E5548344 (5936803)	1.16	305	4.98	5.18	0.16	<0.02	<0.01	0.005	0.08	0.6	1.8	1.87	156	0.74
E5548345 (5936804)	2.90	93.0	1.34	2.81	0.15	0.03	<0.01	<0.005	0.21	0.5	8.8	0.44	283	0.15
E5548346 (5936805)	0.15	86.8	2.42	0.71	0.19	0.06	<0.01	<0.005	0.03	1.0	0.7	0.12	114	1.63
E5548347 (5936806)	0.48	80.1	2.07	2.67	0.17	0.09	<0.01	0.006	0.15	1.7	2.8	0.30	149	0.62
E5548348 (5936807)	0.58	82.8	3.89	3.00	0.19	0.06	<0.01	<0.005	0.11	0.7	2.2	0.26	202	0.41
E5548349 (5936808)	1.27	404	4.31	3.94	0.17	0.07	0.01	0.152	0.02	3.4	25.2	1.73	575	1.07
E5548350 (5936809)	6.73	145	3.50	5.02	0.17	0.10	<0.01	0.024	0.13	3.1	11.9	0.76	396	0.34
E5548351 (5936810)	0.22	107	2.87	2.43	0.17	0.02	<0.01	0.012	<0.01	0.3	0.5	3.21	121	0.12
E5548352 (5936811)	6.66	128	1.68	4.62	0.21	0.05	<0.01	0.008	0.35	0.6	12.5	0.63	229	0.70
E5548353 (5936812)	0.44	87.0	1.88	2.80	0.15	0.11	<0.01	0.015	0.08	6.5	2.4	0.60	411	0.18
E5548354 (5936813)	58.2	35.7	3.21	6.31	0.14	0.05	<0.01	0.009	0.58	2.5	21.2	1.02	524	0.68
E5548355 (5936814)	1.79	5.6	1.91	6.69	0.12	0.08	<0.01	0.053	0.49	9.3	14.4	1.22	177	0.29

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014	DATE RECEIVED: Oct 14, 2014					DATE REPORTED: Oct 28, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
E5548356 (5936815)	1.01	68.8	2.28	5.24	0.15	0.08	<0.01	0.012	0.14	13.1	12.3	0.95	291	0.24	
E5548357 (5936816)	0.39	640	6.78	2.46	0.23	0.07	<0.01	0.087	0.06	4.3	3.0	0.35	211	7.86	
E5548358 (5936817)	2.16	215	3.97	6.89	0.41	0.16	0.08	3.07	0.20	3.4	7.0	0.45	255	3.67	
E5548359 (5936818)	2.45	86.9	2.84	6.99	0.13	0.11	<0.01	0.043	0.17	8.2	7.3	0.21	165	1.47	

Certified By:



Certificate of Analysis

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5549042 (5936783)	0.03	0.11	1.9	940	1.6	14.1	0.001	0.168	<0.05	1.6	0.5	<0.2	8.3	<0.01
E5549043 (5936784)	0.06	0.22	51.4	270	1.1	1.1	0.001	0.340	<0.05	4.1	0.5	<0.2	17.0	<0.01
E5549044 (5936785)	0.08	0.30	43.6	423	0.9	2.8	0.001	1.11	<0.05	5.6	0.4	<0.2	30.3	<0.01
E5549045 (5936786)	0.22	0.20	60.6	408	1.3	7.1	0.002	0.994	<0.05	4.0	0.5	<0.2	63.7	<0.01
E5549046 (5936787)	0.16	0.15	37.0	358	0.3	36.8	0.002	0.663	<0.05	7.7	2.2	0.5	5.0	<0.01
E5549047 (5936788)	0.14	0.50	14.3	372	1.8	24.6	<0.001	0.146	<0.05	4.8	0.4	0.2	6.3	<0.01
E5549048 (5936789)	0.13	0.29	0.6	1180	0.4	2.6	0.002	0.048	<0.05	7.7	0.6	0.2	5.0	<0.01
E5549049 (5936790)	0.10	0.66	13.6	382	1.8	3.2	<0.001	0.226	<0.05	3.2	1.4	0.8	4.6	<0.01
E5549050 (5936791)	0.20	2.60	0.8	1400	1.3	4.6	0.001	0.928	<0.05	3.8	3.1	0.4	12.6	0.03
E5549051 (5936792)	0.12	0.32	295	979	1.7	12.8	0.004	1.97	<0.05	7.4	4.4	<0.2	29.3	<0.01
E5549052 (5936793)	0.13	0.51	27.5	733	1.8	63.9	<0.001	0.110	<0.05	7.4	0.5	0.4	10.3	<0.01
E5549053 (5936794)	0.14	0.30	27.9	430	0.5	25.0	0.002	0.090	<0.05	5.6	0.5	<0.2	8.6	<0.01
E5549054 (5936795)	0.15	0.41	30.6	510	0.9	8.2	<0.001	0.099	<0.05	8.0	0.5	0.2	39.0	<0.01
E5549055 (5936796)	0.12	0.09	8.1	261	0.1	1.0	<0.001	0.016	<0.05	4.0	<0.2	<0.2	5.5	<0.01
E5549056 (5936797)	0.12	0.22	22.8	345	0.8	35.0	<0.001	0.006	<0.05	4.5	<0.2	0.5	10.5	<0.01
E5549057 (5936798)	<0.01	<0.05	352	109	0.2	0.7	<0.001	0.005	<0.05	3.0	<0.2	<0.2	1.2	<0.01
E5549058 (5936799)	0.12	0.69	8.5	507	7.0	19.9	<0.001	0.027	<0.05	3.2	<0.2	0.4	23.5	<0.01
E5549059 (5936800)	<0.01	<0.05	777	88	0.4	0.3	0.002	0.269	<0.05	4.6	0.4	<0.2	1.8	<0.01
E5548342 (5936801)	0.12	0.14	67.5	290	2.3	14.5	<0.001	0.039	<0.05	7.6	0.4	<0.2	5.2	<0.01
E5548343 (5936802)	0.09	0.18	37.0	1330	2.8	30.6	<0.001	0.279	<0.05	4.3	0.6	<0.2	20.1	<0.01
E5548344 (5936803)	0.01	<0.05	197	235	0.7	3.9	0.002	0.273	<0.05	1.5	1.2	<0.2	3.5	<0.01
E5548345 (5936804)	0.05	0.06	74.5	99	0.4	16.8	<0.001	0.144	<0.05	4.3	0.4	<0.2	16.5	<0.01
E5548346 (5936805)	0.03	0.25	28.2	180	16.1	1.2	0.001	0.617	0.06	1.8	0.7	<0.2	6.4	<0.01
E5548347 (5936806)	0.09	0.28	81.1	140	17.2	8.4	0.001	0.942	<0.05	2.8	0.8	0.4	13.4	<0.01
E5548348 (5936807)	0.15	0.21	204	284	8.6	3.1	0.002	2.63	<0.05	4.1	2.1	<0.2	21.3	<0.01
E5548349 (5936808)	0.06	0.18	85.3	314	2.0	1.4	0.004	1.17	<0.05	5.1	3.2	0.3	13.2	<0.01
E5548350 (5936809)	0.15	0.26	16.5	812	0.4	13.4	0.003	0.338	<0.05	9.9	1.7	<0.2	8.1	<0.01
E5548351 (5936810)	<0.01	<0.05	1100	137	0.3	0.3	<0.001	0.378	<0.05	4.8	0.6	<0.2	0.7	<0.01
E5548352 (5936811)	0.18	0.08	121	140	1.2	29.6	0.001	0.197	<0.05	7.6	0.6	<0.2	107	<0.01
E5548353 (5936812)	0.15	0.27	42.0	606	0.7	3.8	<0.001	0.061	<0.05	6.7	0.4	<0.2	12.9	<0.01
E5548354 (5936813)	0.19	0.20	49.7	398	0.8	69.2	0.002	0.255	<0.05	5.4	0.4	<0.2	77.2	<0.01
E5548355 (5936814)	0.06	<0.05	2.9	550	0.8	14.8	<0.001	0.346	<0.05	3.9	<0.2	0.9	13.8	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5548356 (5936815)		0.11	0.29	27.1	783	1.6	8.6	<0.001	0.287	<0.05	4.6	0.3	0.3	13.6	<0.01
E5548357 (5936816)		0.04	0.28	59.1	489	3.3	2.8	0.005	3.56	<0.05	4.0	9.5	0.4	13.8	<0.01
E5548358 (5936817)		0.11	0.28	48.7	324	52.2	11.6	0.006	4.07	<0.05	4.4	10.6	3.6	8.0	<0.01
E5548359 (5936818)		0.12	0.18	20.0	1020	6.8	7.9	0.002	0.939	<0.05	5.8	1.9	0.3	37.4	<0.01

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA	Zn-OL
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001	0.01
E5549042 (5936783)	0.21	2.3	0.079	0.18	0.26	31.3	<0.05	3.11	13.2	4.3		
E5549043 (5936784)	0.10	0.5	0.077	0.03	<0.05	28.4	0.19	4.78	21.2	1.0		
E5549044 (5936785)	0.08	0.5	0.111	0.03	0.08	50.6	0.13	3.88	19.7	2.3		
E5549045 (5936786)	0.07	0.4	0.091	0.06	0.08	39.5	0.09	3.71	15.4	0.9		
E5549046 (5936787)	0.12	0.3	0.134	0.27	<0.05	80.1	0.09	3.82	89.2	0.9		
E5549047 (5936788)	0.09	2.3	0.121	0.16	0.18	40.6	0.07	2.08	23.8	2.9		
E5549048 (5936789)	0.05	0.9	0.090	<0.01	0.07	56.1	0.07	19.5	23.0	1.9		
E5549049 (5936790)	0.31	2.3	0.099	0.03	0.21	23.7	0.18	4.37	10.3	4.3		
E5549050 (5936791)	0.25	1.7	0.248	0.04	0.18	15.6	0.29	13.0	20.7	5.6		
E5549051 (5936792)	0.30	1.0	0.130	0.25	0.10	60.9	0.09	3.33	14.3	3.8		
E5549052 (5936793)	0.13	3.0	0.195	0.55	0.60	72.7	<0.05	3.21	92.9	3.1		
E5549053 (5936794)	0.10	0.5	0.129	0.14	0.05	64.7	0.10	2.86	17.0	1.1		
E5549054 (5936795)	0.09	0.4	0.195	0.04	<0.05	80.3	0.42	6.91	23.9	2.2		
E5549055 (5936796)	0.06	0.2	0.053	<0.01	<0.05	32.0	0.07	2.00	7.8	0.8		
E5549056 (5936797)	0.04	1.7	0.157	0.19	0.27	44.1	0.20	2.53	53.0	4.3		
E5549057 (5936798)	0.03	0.2	0.019	<0.01	<0.05	68.3	<0.05	0.32	24.9	0.6		
E5549058 (5936799)	0.03	8.6	0.124	0.11	0.50	35.2	0.05	4.92	57.2	12.4		
E5549059 (5936800)	0.04	0.5	0.015	<0.01	<0.05	67.2	<0.05	0.77	12.2	0.9		
E5548342 (5936801)	0.15	0.4	0.147	0.10	0.06	126	<0.05	3.09	25.8	0.7		
E5548343 (5936802)	0.14	1.9	0.117	0.29	0.25	75.0	0.32	3.54	15.0	3.9		
E5548344 (5936803)	0.10	0.2	0.034	0.07	<0.05	78.2	<0.05	0.40	24.1	0.6		
E5548345 (5936804)	0.07	<0.1	0.089	0.16	<0.05	39.9	1.28	2.55	14.9	0.6		
E5548346 (5936805)	0.16	<0.1	0.082	0.01	0.08	22.3	0.96	2.52	15.2	1.0		
E5548347 (5936806)	0.24	0.7	0.064	0.06	0.29	29.6	0.40	2.56	84.2	1.8	2.13	
E5548348 (5936807)	0.31	0.2	0.087	0.02	<0.05	30.9	1.75	2.80	24.4	1.0		
E5548349 (5936808)	0.15	0.8	0.114	0.03	0.06	64.2	0.25	3.06	2020	0.8		
E5548350 (5936809)	0.13	0.5	0.183	0.08	0.05	155	0.15	9.13	28.0	1.5		
E5548351 (5936810)	0.09	0.2	0.017	0.04	<0.05	59.2	<0.05	0.78	23.0	<0.5		
E5548352 (5936811)	0.09	0.1	0.120	0.30	<0.05	58.5	1.08	2.36	26.7	<0.5		
E5548353 (5936812)	0.06	0.9	0.163	0.02	0.14	62.8	0.13	6.20	31.9	2.2		
E5548354 (5936813)	0.05	0.5	0.184	1.04	0.06	59.0	0.08	3.16	28.3	0.8		
E5548355 (5936814)	0.04	1.9	0.071	0.13	0.24	31.7	<0.05	2.88	40.3	2.7		

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 14, 2014

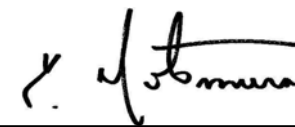
DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA	Zn-OL
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID)	RDL:											
E5548356 (5936815)	0.04	2.8	0.138	0.07	0.36	54.6	0.10	3.39	38.3	2.6		
E5548357 (5936816)	0.99	1.3	0.036	0.19	0.16	27.6	0.18	2.57	220	1.5		
E5548358 (5936817)	1.74	2.0	0.071	0.32	0.20	29.0	0.38	2.62	>10000	4.7		1.13
E5548359 (5936818)	0.66	2.9	0.050	0.12	0.23	42.9	0.06	3.25	81.2	4.2		

Comments: RDL - Reported Detection Limit

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Oct 15, 2014		DATE RECEIVED: Oct 14, 2014					DATE REPORTED: Oct 28, 2014					SAMPLE TYPE: Rock			
Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Sample ID (AGAT ID)	RDL:														
E5549055 (5936796)	14.4	<0.01	9.76	0.04	11.6	0.09	8.82	0.16	2.89	0.05	51.0	0.78	0.01	0.04	
E5549056 (5936797)	13.7	0.02	3.02	<0.01	3.85	1.61	2.21	0.04	3.02	0.08	71.3	0.30	<0.01	<0.01	
E5549057 (5936798)	7.31	<0.01	6.38	0.32	10.6	0.02	23.2	0.17	0.20	0.02	46.1	0.35	<0.01	0.02	
E5549058 (5936799)	15.5	0.06	2.32	<0.01	2.84	1.81	1.07	0.05	4.77	0.11	69.0	0.35	0.05	<0.01	
E5549059 (5936800)	6.38	<0.01	5.78	0.35	9.96	<0.01	25.9	0.15	<0.01	0.02	47.0	0.29	<0.01	0.02	
Analyte:	LOI	Total													
Unit:	%	%													
Sample ID (AGAT ID)	RDL:														
E5549055 (5936796)	1.10	101													
E5549056 (5936797)	0.80	100													
E5549057 (5936798)	3.31	98.0													
E5549058 (5936799)	1.05	99.0													
E5549059 (5936800)	3.22	99.1													

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5936783	0.04	0.06		5936803	0.100	0.092	8.3%				
Al	5936783	1.00	0.97	3.0%	5936803	0.93	0.90	3.3%				
As	5936783	0.34	0.36	5.7%	5936803	< 0.1	0.1					
Au	5936783	< 0.005	< 0.005	0.0%	5936803	< 0.005	< 0.005	0.0%				
B	5936783	< 5	< 5	0.0%	5936803	< 5	< 5	0.0%				
Ba	5936783	14	13	7.4%	5936803	28	28	0.0%				
Be	5936783	0.06	0.06	0.0%	5936803	< 0.05	< 0.05	0.0%				
Bi	5936783	0.26	0.26	0.0%	5936803	0.09	0.08	11.8%				
Ca	5936783	0.31	0.30	3.3%	5936803	0.13	0.13	0.0%				
Cd	5936783	0.02	0.02	0.0%	5936803	0.02	0.02	0.0%				
Ce	5936783	17.1	17.4	1.7%	5936803	1.16	1.09	6.2%				
Co	5936783	2.0	2.1	4.9%	5936803	28.4	27.4	3.6%				
Cr	5936783	23.0	23.7	3.0%	5936803	876	843	3.8%				
Cs	5936783	3.03	2.98	1.7%	5936803	1.16	1.11	4.4%				
Cu	5936783	12.9	13.1	1.5%	5936803	305	296	3.0%				
Fe	5936783	1.94	1.89	2.6%	5936803	4.98	4.83	3.1%				
Ga	5936783	3.73	3.71	0.5%	5936803	5.18	5.04	2.7%				
Ge	5936783	0.120	0.126	4.9%	5936803	0.162	0.167	3.0%				
Hf	5936783	0.125	0.137	9.2%	5936803	< 0.02	< 0.02	0.0%				
Hg	5936783	< 0.01	< 0.01	0.0%	5936803	< 0.01	< 0.01	0.0%				
In	5936783	0.0056	0.0054	3.6%	5936803	0.005	0.005	0.0%				
K	5936783	0.267	0.262	1.9%	5936803	0.08	0.08	0.0%				
La	5936783	11.4	11.4	0.0%	5936803	0.55	0.51	7.5%				
Li	5936783	21.1	21.4	1.4%	5936803	1.8	1.6	11.8%				
Mg	5936783	0.770	0.755	2.0%	5936803	1.87	1.79	4.4%				
Mn	5936783	146	146	0.0%	5936803	156	148	5.3%				
Mo	5936783	0.867	0.822	5.3%	5936803	0.74	0.25					
Na	5936783	0.03	0.03	0.0%	5936803	0.01	0.01	0.0%				
Nb	5936783	0.11	0.11	0.0%	5936803	< 0.05	< 0.05	0.0%				
Ni	5936783	1.9	1.8	5.4%	5936803	197	190	3.6%				
P	5936783	940	934	0.6%	5936803	235	210	11.2%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5936783	1.6	1.6	0.0%	5936803	0.65	0.58	11.4%									
Rb	5936783	14.1	14.2	0.7%	5936803	3.91	3.85	1.5%									
Re	5936783	0.001	< 0.001		5936803	0.002	0.001										
S	5936783	0.168	0.166	1.2%	5936803	0.273	0.270	1.1%									
Sb	5936783	< 0.05	< 0.05	0.0%	5936803	< 0.05	< 0.05	0.0%									
Sc	5936783	1.65	1.76	6.5%	5936803	1.5	1.5	0.0%									
Se	5936783	0.45	0.43	4.5%	5936803	1.17	1.14	2.6%									
Sn	5936783	< 0.2	< 0.2	0.0%	5936803	< 0.2	< 0.2	0.0%									
Sr	5936783	8.28	8.35	0.8%	5936803	3.5	3.4	2.9%									
Ta	5936783	< 0.01	< 0.01	0.0%	5936803	< 0.01	< 0.01	0.0%									
Te	5936783	0.21	0.16	27.0%	5936803	0.104	0.084	21.3%									
Th	5936783	2.33	2.60	11.0%	5936803	0.2	0.2	0.0%									
Ti	5936783	0.0786	0.0764	2.8%	5936803	0.034	0.033	3.0%									
Tl	5936783	0.18	0.18	0.0%	5936803	0.07	0.07	0.0%									
U	5936783	0.26	0.26	0.0%	5936803	< 0.05	< 0.05	0.0%									
V	5936783	31.3	32.0	2.2%	5936803	78.2	75.9	3.0%									
W	5936783	< 0.05	< 0.05	0.0%	5936803	< 0.05	< 0.05	0.0%									
Y	5936783	3.11	3.11	0.0%	5936803	0.40	0.39	2.5%									
Zn	5936783	13.2	12.7	3.9%	5936803	24.1	24.5	1.6%									
Zr	5936783	4.3	4.6	6.7%	5936803	0.56	0.45	21.8%									

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Al2O3	5936796	14.4	14.4	0.2%														
BaO	5936796	<0.01	<0.01	0%														
CaO	5936796	9.76	9.86	1.1%														
Cr2O3	5936796	0.04	0.04	0%														
Fe2O3	5936796	11.6	11.7	0.9%														
K2O	5936796	0.09	0.08	11%														
MgO	5936796	8.82	8.98	1.8%														
MnO	5936796	0.16	0.17	1.1%														
Na2O	5936796	2.89	2.88	0.3%														
P2O5	5936796	0.05	0.05	0%														
SiO2	5936796	51.0	50.9	0.2%														



AGAT Laboratories

Quality Assurance - Replicate
 AGAT WORK ORDER: 14B901878
 PROJECT: OCT 10, 2014

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

TiO2	5936796	0.78	0.78	0.1%												
SrO	5936796	0.01	<0.01	0%												
V2O5	5936796	0.04	0.05	12.5%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Co	184	168	91%	90% - 110%	184	168	91%	90% - 110%						
Cu	3494	3379	97%	90% - 110%	3494	3370	96%	90% - 110%						
Ni	2985	2696	90%	90% - 110%	2985	2694	90%	90% - 110%						

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1 (sy-4)				CRM #2 (ref.CFRM-100)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Al2O3	20.69	20.6	100%	90% - 110%										
CaO	8.05	8.09	101%	90% - 110%										
Fe2O3	6.21	6.25	101%	90% - 110%										
K2O	1.66	1.65	99%	90% - 110%										
MgO	0.54	0.516	96%	90% - 110%										
MnO	0.108	0.107	99%	90% - 110%										
Na2O	7.1	7.11	100%	90% - 110%										
P2O5	0.131	0.123	94%	90% - 110%										
SiO2	49.9	50.0	100%	90% - 110%										
TiO2	0.287	0.293	102%	90% - 110%										
SrO	0.1408	0.145	103%	90% - 110%										

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 10, 2014
 SAMPLING SITE:

AGAT WORK ORDER: 14B901878
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14B901878

PROJECT: OCT 10, 2014

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Zn-OL	MIN-200-12002/12020		ICP/OES
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Al ₂ O ₃	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr ₂ O ₃	MIN-200-12027		XRF
Fe ₂ O ₃	MIN-200-12027		XRF
K ₂ O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 18, 2014 #1

AGAT WORK ORDER: 14B904241

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 03, 2014

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5567960 (5961349)	0.96	0.03	1.82	1.6	0.037	<5	34	0.23	0.02	0.70	0.04	6.31	14.4	50.3
E5567961 (5961350)	0.92	0.11	1.92	0.4	<0.005	<5	9	0.15	0.01	1.59	0.03	2.23	9.8	85.4
E5567962 (5961351)	0.92	0.16	1.38	0.7	0.006	<5	39	0.51	0.47	1.47	0.04	6.92	11.4	12.8
E5567963 (5961352)	1.30	0.14	1.08	0.3	<0.005	<5	82	1.21	0.67	2.18	0.08	6.07	26.6	7.8
E5567964 (5961353)	0.74	0.15	2.02	0.4	<0.005	<5	91	0.59	0.07	2.35	0.06	48.3	15.1	18.9
E5567965 (5961354)	0.92	0.05	1.85	0.2	<0.005	<5	7	0.13	0.05	0.95	0.04	4.82	23.1	100
E5567966 (5961355)	0.50	0.12	1.02	0.7	<0.005	<5	20	0.17	0.06	1.34	0.06	4.08	8.3	79.0
E5567967 (5961356)	1.14	0.20	3.39	0.3	<0.005	<5	51	0.28	0.03	4.07	0.04	2.99	15.4	56.1
E5567968 (5961357)	0.88	0.16	1.04	1.2	<0.005	<5	34	0.42	0.09	1.49	0.05	4.43	16.6	44.8
E5567969 (5961358)	1.06	0.15	1.14	0.3	<0.005	<5	49	0.27	0.05	2.43	0.08	8.63	16.8	107
E5567970 (5961359)	1.18	0.14	2.05	0.6	<0.005	<5	123	0.53	0.09	1.74	0.08	33.4	22.2	31.9
E5567971 (5961360)	1.18	0.32	0.99	0.1	<0.005	<5	35	0.25	0.21	4.09	0.08	18.4	11.2	56.8
E5567982 (5961361)	1.18	0.23	3.31	0.5	<0.005	<5	205	0.56	0.09	1.33	0.03	1.85	38.1	191
E5567983 (5961362)	0.88	0.17	2.28	1.3	<0.005	<5	312	0.55	0.22	0.90	0.06	10.7	16.1	161
E5567985 (5961363)	0.78	0.19	1.18	0.4	<0.005	<5	68	0.47	0.04	1.65	0.04	22.6	17.5	14.0
E5567986 (5961364)	0.96	0.80	1.35	4.2	<0.005	<5	58	0.44	0.76	1.12	2.58	13.9	30.0	33.0
E5567987 (5961365)	0.78	0.05	1.72	0.4	<0.005	<5	240	0.51	0.13	0.96	0.04	39.4	20.9	12.4
E5567990 (5961366)	0.84	0.07	1.32	0.2	0.007	<5	72	0.30	0.11	0.66	0.07	33.0	6.1	22.2
E5567991 (5961367)	0.54	0.07	0.40	0.4	<0.005	<5	22	0.18	0.14	0.18	0.02	3.35	5.9	65.7
E5567992 (5961368)	0.52	0.15	2.48	0.2	<0.005	<5	9	0.11	0.02	2.04	0.04	7.60	36.3	32.9
E5567993 (5961369)	0.84	0.20	2.48	2.2	0.008	<5	54	0.35	0.08	1.62	0.04	2.71	40.6	58.8
E5567995 (5961370)	0.82	0.28	5.50	0.4	<0.005	<5	203	0.29	0.23	2.88	0.05	1.48	29.7	206
E5567996 (5961371)	0.86	0.28	1.47	0.7	<0.005	<5	42	0.24	0.16	0.28	6.92	11.5	17.0	61.0
E5567997 (5961372)	0.74	0.22	1.20	0.3	<0.005	<5	90	0.34	0.29	1.15	0.10	32.8	11.6	68.2
E5567998 (5961373)	1.02	0.10	1.34	0.3	<0.005	<5	22	0.09	0.03	1.17	0.03	1.18	12.6	104
E5567999 (5961374)	0.88	0.05	1.57	0.3	<0.005	<5	103	0.36	0.11	0.64	0.08	26.7	10.2	53.9
E5568002 (5961375)	0.56	<0.01	0.18	0.2	<0.005	<5	13	0.49	131	0.08	1.17	1.36	1.5	75.2
E5568003 (5961376)	0.66	9.27	0.82	0.3	0.077	<5	75	0.16	3.04	0.29	0.21	19.6	12.9	45.9
E5568004 (5961377)	0.92	1.30	0.93	0.4	0.009	<5	38	0.23	0.48	0.32	0.05	33.2	2.5	33.0
E5568005 (5961378)	0.58	1.99	4.21	0.2	0.007	<5	95	0.55	1.03	1.59	0.11	52.7	7.6	61.4
E5568006 (5961379)	0.56	0.97	0.96	0.9	0.016	<5	65	0.13	0.29	0.29	0.12	19.3	7.4	34.1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.1	0.5
E5568009 (5961380)	0.80	0.13	1.05	0.6	<0.005	<5	40	0.55	0.22	1.39	0.03	9.21	9.8	32.7
E5566610 (5961381)	0.74	0.02	2.05	0.3	<0.005	<5	205	0.45	0.13	0.69	0.03	11.6	10.8	38.1
E5566611 (5961382)	0.62	<0.01	1.16	0.3	<0.005	<5	25	0.37	0.16	0.33	0.02	5.68	6.5	31.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5567960 (5961349)	5.83	72.6	2.70	6.20	0.25	0.17	<0.01	0.023	0.43	2.7	20.4	1.32	163	0.21
E5567961 (5961350)	0.55	53.5	1.26	2.97	0.21	0.12	<0.01	0.006	0.03	1.2	5.6	0.60	227	0.53
E5567962 (5961351)	3.20	59.1	3.59	5.50	0.26	0.18	<0.01	0.028	0.20	3.3	9.2	0.87	467	0.34
E5567963 (5961352)	0.61	77.9	3.18	5.76	0.25	0.25	<0.01	0.016	0.10	3.3	2.3	0.49	597	2.24
E5567964 (5961353)	1.22	8.3	2.65	4.97	0.27	0.16	<0.01	0.016	0.42	23.9	11.1	0.98	702	0.20
E5567965 (5961354)	0.26	108	2.83	4.12	0.23	0.09	<0.01	0.013	0.02	2.4	11.0	1.61	328	1.22
E5567966 (5961355)	0.71	99.2	1.47	2.63	0.20	0.06	<0.01	<0.005	0.05	2.7	13.0	0.40	311	0.32
E5567967 (5961356)	2.94	71.4	1.92	5.86	0.21	0.06	<0.01	0.009	0.36	1.6	14.0	0.91	511	0.16
E5567968 (5961357)	1.03	53.5	2.38	3.01	0.24	0.15	<0.01	0.013	0.11	2.3	3.9	0.71	387	0.27
E5567969 (5961358)	1.08	57.1	1.43	2.39	0.22	0.11	<0.01	0.006	0.16	4.7	5.4	0.53	442	0.15
E5567970 (5961359)	1.14	122	3.86	6.46	0.26	0.16	<0.01	0.023	0.32	16.3	12.7	0.76	812	0.68
E5567971 (5961360)	0.69	55.5	1.80	2.66	0.24	0.12	<0.01	0.011	0.16	9.9	3.2	0.48	495	0.31
E5567982 (5961361)	29.3	166	4.95	8.34	0.28	0.09	<0.01	0.008	1.48	1.5	74.1	1.75	626	0.20
E5567983 (5961362)	1.76	121	5.73	5.96	0.28	0.11	<0.01	0.024	1.07	6.0	20.2	1.40	658	0.87
E5567985 (5961363)	1.40	67.8	3.40	5.31	0.27	0.29	<0.01	0.021	0.24	11.5	6.1	0.62	346	0.62
E5567986 (5961364)	0.65	290	2.06	5.11	0.25	0.43	0.13	0.332	0.20	6.6	11.0	0.40	259	6.55
E5567987 (5961365)	0.87	21.5	4.30	11.2	0.30	0.28	<0.01	0.060	0.51	17.1	17.4	0.61	526	0.83
E5567990 (5961366)	2.28	14.5	1.76	4.94	0.24	0.22	<0.01	0.013	0.44	19.0	16.8	0.55	305	0.62
E5567991 (5961367)	1.98	40.2	1.23	1.82	0.22	0.15	<0.01	<0.005	0.13	1.9	7.4	0.21	110	0.33
E5567992 (5961368)	0.31	280	3.02	5.73	0.23	0.08	<0.01	0.017	0.02	3.9	3.6	0.68	238	0.31
E5567993 (5961369)	1.63	120	3.11	5.42	0.24	0.08	<0.01	0.011	0.48	1.6	8.3	1.17	348	0.27
E5567995 (5961370)	16.5	119	3.39	9.89	0.33	0.06	<0.01	0.031	1.04	1.3	21.3	1.38	381	0.24
E5567996 (5961371)	8.01	175	3.83	12.1	0.46	0.13	4.49	1.84	0.61	6.3	13.8	0.73	255	2.54
E5567997 (5961372)	2.96	196	1.96	3.00	0.25	0.30	0.05	0.021	0.18	19.0	13.0	0.85	299	0.46
E5567998 (5961373)	1.12	41.4	1.39	2.10	0.21	0.09	0.01	0.007	0.04	0.6	8.2	0.97	233	0.18
E5567999 (5961374)	2.54	35.4	2.21	6.00	0.24	0.34	0.02	0.023	0.66	16.6	12.5	0.71	315	1.05
E5568002 (5961375)	3.21	11.3	0.53	1.16	0.21	0.07	<0.01	<0.005	0.04	0.8	3.5	0.11	47	907
E5568003 (5961376)	2.04	47.5	2.67	2.10	0.22	0.16	<0.01	<0.005	0.33	9.5	5.6	0.26	131	31.0
E5568004 (5961377)	1.31	5.4	1.26	3.16	0.23	0.37	<0.01	<0.005	0.30	18.0	5.2	0.28	168	7.45
E5568005 (5961378)	8.28	7.6	2.56	12.5	0.27	0.11	<0.01	0.018	1.33	28.1	27.9	1.64	1110	14.1
E5568006 (5961379)	2.68	18.7	1.59	3.51	0.20	0.25	<0.01	<0.005	0.25	9.9	11.9	0.43	275	2.70
E5568009 (5961380)	2.65	23.0	4.94	5.16	0.26	0.27	<0.01	0.023	0.18	5.5	2.9	0.73	455	1.72

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5566610 (5961381)		6.85	7.4	2.73	7.36	0.22	0.08	<0.01	0.006	0.88	5.6	48.5	1.37	360	1.08
E5566611 (5961382)		6.38	14.8	2.19	5.82	0.21	0.24	<0.01	0.006	0.09	2.9	15.7	0.66	196	1.70

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

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CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5567960 (5961349)	0.19	0.85	21.8	471	0.3	13.1	<0.001	0.048	<0.05	8.6	0.4	0.3	12.2	0.01
E5567961 (5961350)	0.21	0.68	24.6	224	0.5	1.2	0.002	0.057	0.06	4.2	0.3	<0.2	28.9	<0.01
E5567962 (5961351)	0.18	1.35	6.9	573	0.9	8.1	<0.001	0.121	<0.05	11.7	0.9	0.4	25.7	0.02
E5567963 (5961352)	0.15	2.79	6.0	255	1.0	5.6	0.003	0.226	<0.05	3.1	0.6	0.4	56.5	0.02
E5567964 (5961353)	0.10	1.43	16.7	1510	2.1	25.4	<0.001	0.037	<0.05	7.2	0.3	<0.2	62.7	0.02
E5567965 (5961354)	0.14	0.55	42.3	362	0.3	1.4	0.002	0.226	<0.05	6.5	0.4	<0.2	18.8	<0.01
E5567966 (5961355)	0.04	0.59	16.6	273	0.7	5.8	<0.001	0.054	<0.05	2.1	<0.2	<0.2	27.7	<0.01
E5567967 (5961356)	0.09	0.49	22.7	303	0.5	18.9	<0.001	0.071	<0.05	4.6	0.3	<0.2	31.5	<0.01
E5567968 (5961357)	0.12	0.97	18.7	357	0.5	4.9	<0.001	0.092	0.07	8.6	0.3	0.2	14.1	<0.01
E5567969 (5961358)	0.10	0.94	113	947	2.7	10.5	<0.001	0.062	<0.05	3.9	0.2	<0.2	77.3	<0.01
E5567970 (5961359)	0.25	1.15	26.7	1240	3.2	19.8	<0.001	0.096	<0.05	10.4	0.5	0.2	74.5	0.01
E5567971 (5961360)	0.14	1.06	40.5	1030	2.0	6.5	<0.001	0.073	<0.05	5.3	0.2	0.3	82.1	<0.01
E5567982 (5961361)	0.12	0.53	71.5	267	0.6	113	0.001	0.416	<0.05	14.4	0.6	<0.2	22.9	<0.01
E5567983 (5961362)	0.13	0.78	32.1	438	2.0	42.2	<0.001	0.336	<0.05	8.0	1.0	0.4	45.7	<0.01
E5567985 (5961363)	0.20	2.31	9.8	1180	0.8	11.5	0.002	0.132	<0.05	5.0	1.0	0.2	71.4	0.03
E5567986 (5961364)	0.08	0.89	49.3	704	69.1	6.6	0.006	1.43	0.43	5.7	2.7	1.0	35.0	<0.01
E5567987 (5961365)	0.16	2.91	10.9	1570	0.8	22.5	<0.001	0.074	<0.05	5.0	0.8	0.3	28.3	0.03
E5567990 (5961366)	0.21	1.53	7.2	591	2.1	31.5	<0.001	0.036	<0.05	3.1	0.2	0.3	33.9	0.02
E5567991 (5961367)	0.06	1.69	5.4	85	2.5	9.5	<0.001	0.059	<0.05	1.6	0.4	0.3	9.6	0.02
E5567992 (5961368)	0.26	0.53	56.3	479	0.5	1.2	0.003	1.13	<0.05	6.6	3.4	<0.2	44.7	<0.01
E5567993 (5961369)	0.22	0.54	141	390	2.3	23.8	0.004	0.607	<0.05	5.3	0.8	<0.2	41.0	<0.01
E5567995 (5961370)	0.24	0.51	90.2	227	4.8	63.8	<0.001	0.377	<0.05	4.6	1.5	1.2	58.1	<0.01
E5567996 (5961371)	0.03	1.15	21.6	285	9.2	24.3	0.005	0.514	<0.05	4.3	6.3	1.1	10.3	<0.01
E5567997 (5961372)	0.14	1.05	40.9	1520	2.6	12.8	<0.001	0.140	<0.05	5.9	0.9	0.3	52.6	0.01
E5567998 (5961373)	0.13	0.30	61.4	187	0.5	2.8	<0.001	0.031	<0.05	4.1	0.4	<0.2	13.7	<0.01
E5567999 (5961374)	0.18	0.90	17.4	899	2.9	34.2	<0.001	0.261	<0.05	6.3	0.4	0.3	46.5	0.01
E5568002 (5961375)	0.03	1.04	11.0	23	4.2	6.0	0.033	0.086	<0.05	0.6	<0.2	0.4	6.1	<0.01
E5568003 (5961376)	0.05	0.49	27.7	391	24.7	12.0	0.003	1.98	<0.05	1.0	<0.2	<0.2	23.8	<0.01
E5568004 (5961377)	0.06	0.91	5.5	343	23.0	9.2	<0.001	0.161	<0.05	1.1	<0.2	<0.2	26.9	<0.01
E5568005 (5961378)	0.37	1.27	11.3	743	11.2	62.9	<0.001	0.275	<0.05	5.3	0.3	0.5	111	0.01
E5568006 (5961379)	0.12	0.36	11.1	420	8.7	12.0	<0.001	0.950	<0.05	1.6	<0.2	<0.2	70.1	<0.01
E5568009 (5961380)	0.18	1.77	13.2	831	1.4	8.2	<0.001	0.484	<0.05	9.2	0.7	0.4	24.1	0.03

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014	DATE RECEIVED: Oct 20, 2014					DATE REPORTED: Nov 03, 2014					SAMPLE TYPE: Rock				
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	
E5566610 (5961381)		0.18	0.63	18.4	470	1.8	57.6	<0.001	0.191	<0.05	3.0	0.2	0.3	29.4	<0.01
E5566611 (5961382)		0.14	1.44	10.3	316	3.1	18.8	<0.001	0.058	<0.05	3.1	<0.2	0.3	21.1	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014

DATE RECEIVED: Oct 20, 2014

DATE REPORTED: Nov 03, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5567960 (5961349)	0.10	1.6	0.142	0.06	<0.05	128	0.27	6.75	32.3	0.8
E5567961 (5961350)	0.05	0.4	0.110	<0.01	<0.05	42.8	0.37	3.94	13.4	0.6
E5567962 (5961351)	0.06	1.0	0.273	0.04	0.11	135	0.26	8.66	39.6	1.6
E5567963 (5961352)	0.05	1.2	0.449	0.02	0.05	82.7	0.71	4.62	43.2	2.1
E5567964 (5961353)	0.03	4.2	0.167	0.08	0.33	90.3	0.24	8.31	50.0	1.2
E5567965 (5961354)	0.04	1.2	0.084	0.01	0.06	61.4	0.09	4.89	40.6	0.7
E5567966 (5961355)	0.04	0.5	0.061	0.03	<0.05	37.8	0.13	2.32	15.0	<0.5
E5567967 (5961356)	0.02	0.5	0.171	0.10	<0.05	65.5	0.08	5.56	24.8	<0.5
E5567968 (5961357)	0.03	0.5	0.228	0.03	<0.05	84.3	0.51	6.73	28.7	1.3
E5567969 (5961358)	0.03	1.0	0.117	0.03	0.07	47.5	0.29	3.72	28.5	1.1
E5567970 (5961359)	0.02	3.4	0.223	0.06	0.26	140	0.29	9.42	58.7	1.4
E5567971 (5961360)	0.01	2.1	0.121	0.04	0.14	60.3	0.20	4.86	28.3	0.9
E5567982 (5961361)	0.06	0.7	0.350	0.77	<0.05	154	3.84	4.88	50.0	0.6
E5567983 (5961362)	0.14	1.1	0.257	0.26	0.09	96.5	0.52	5.35	98.7	2.5
E5567985 (5961363)	0.06	2.1	0.210	0.06	0.10	83.7	0.43	11.3	23.8	2.8
E5567986 (5961364)	0.29	6.1	0.073	0.32	0.36	34.5	0.47	4.57	836	7.2
E5567987 (5961365)	0.08	3.4	0.173	0.10	0.17	53.9	0.19	14.7	16.9	4.5
E5567990 (5961366)	0.05	6.0	0.133	0.22	0.41	37.8	0.65	3.80	48.5	3.3
E5567991 (5961367)	0.11	1.4	0.090	0.06	0.18	24.6	0.10	1.55	14.2	1.2
E5567992 (5961368)	0.18	1.2	0.078	<0.01	0.06	64.1	<0.05	5.95	19.4	0.6
E5567993 (5961369)	0.16	0.6	0.185	0.17	<0.05	71.1	0.18	5.30	29.6	0.6
E5567995 (5961370)	0.22	0.5	0.203	1.19	<0.05	101	0.09	3.20	126	1.9
E5567996 (5961371)	0.40	2.3	0.112	0.63	0.17	38.4	0.10	2.76	3380	2.3
E5567997 (5961372)	0.15	7.1	0.136	0.36	0.36	40.4	0.42	6.36	35.2	5.4
E5567998 (5961373)	0.17	0.9	0.069	0.02	<0.05	35.2	<0.05	2.34	16.1	0.9
E5567999 (5961374)	0.11	4.6	0.128	0.32	0.27	57.9	0.14	4.12	60.9	5.5
E5568002 (5961375)	0.28	0.6	0.012	0.07	0.08	9.8	0.17	0.45	6.0	0.8
E5568003 (5961376)	0.24	3.2	0.033	0.10	0.37	16.8	0.14	2.79	62.8	2.0
E5568004 (5961377)	0.10	8.0	0.040	0.05	0.75	14.5	0.24	2.46	36.8	3.0
E5568005 (5961378)	0.07	7.4	0.180	0.39	0.45	60.3	0.18	7.27	89.0	1.3
E5568006 (5961379)	0.07	4.0	0.036	0.12	0.29	20.4	0.10	2.72	52.0	3.2
E5568009 (5961380)	0.05	2.0	0.343	0.03	0.40	142	0.15	9.17	26.5	2.2

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14B904241

PROJECT: OCT 18, 2014 #1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 20, 2014	DATE RECEIVED: Oct 20, 2014					DATE REPORTED: Nov 03, 2014					SAMPLE TYPE: Rock
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)											
E5566610 (5961381)	0.03	2.2	0.218	0.39	0.32	68.6	0.11	3.82	67.9	1.0	
E5566611 (5961382)	0.02	2.6	0.142	0.04	0.27	41.2	0.09	2.91	40.5	3.0	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5961349	0.03	0.04	28.6%	5961367	0.071	0.090	23.6%				
Al	5961349	1.82	1.78	2.2%	5961367	0.40	0.40	0.0%				
As	5961349	1.6	1.6	0.0%	5961367	0.37	0.32	14.5%				
Au	5961349	0.0373	0.0478	24.7%	5961367	< 0.005	< 0.005	0.0%				
B	5961349	< 5	< 5	0.0%	5961367	< 5	< 5	0.0%				
Ba	5961349	34	33	3.0%	5961367	22	22	0.0%				
Be	5961349	0.227	0.236	3.9%	5961367	0.18	0.20	10.5%				
Bi	5961349	0.02	0.02	0.0%	5961367	0.138	0.134	2.9%				
Ca	5961349	0.70	0.69	1.4%	5961367	0.182	0.175	3.9%				
Cd	5961349	0.035	0.033	5.9%	5961367	0.02	0.02	0.0%				
Ce	5961349	6.31	6.56	3.9%	5961367	3.35	3.27	2.4%				
Co	5961349	14.4	14.7	2.1%	5961367	5.9	5.8	1.7%				
Cr	5961349	50.3	50.4	0.2%	5961367	65.7	65.0	1.1%				
Cs	5961349	5.83	5.53	5.3%	5961367	1.98	1.97	0.5%				
Cu	5961349	72.6	70.7	2.7%	5961367	40.2	37.8	6.2%				
Fe	5961349	2.70	2.65	1.9%	5961367	1.23	1.22	0.8%				
Ga	5961349	6.20	5.76	7.4%	5961367	1.82	1.82	0.0%				
Ge	5961349	0.25	0.25	0.0%	5961367	0.22	0.22	0.0%				
Hf	5961349	0.17	0.13	26.7%	5961367	0.148	0.140	5.6%				
Hg	5961349	< 0.01	< 0.01	0.0%	5961367	< 0.01	< 0.01	0.0%				
In	5961349	0.023	0.022	4.4%	5961367	< 0.005	< 0.005	0.0%				
K	5961349	0.43	0.42	2.4%	5961367	0.126	0.124	1.6%				
La	5961349	2.7	2.7	0.0%	5961367	1.9	1.9	0.0%				
Li	5961349	20.4	20.0	2.0%	5961367	7.4	7.3	1.4%				
Mg	5961349	1.32	1.29	2.3%	5961367	0.21	0.21	0.0%				
Mn	5961349	163	161	1.2%	5961367	110	107	2.8%				
Mo	5961349	0.21	0.20	4.9%	5961367	0.33	0.30	9.5%				
Na	5961349	0.194	0.185	4.7%	5961367	0.06	0.06	0.0%				
Nb	5961349	0.85	0.79	7.3%	5961367	1.69	1.77	4.6%				
Ni	5961349	21.8	21.8	0.0%	5961367	5.4	4.6	16.0%				
P	5961349	471	479	1.7%	5961367	85	97	13.2%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5961349	0.3	0.3	0.0%	5961367	2.5	2.6	3.9%												
Rb	5961349	13.1	12.4	5.5%	5961367	9.5	9.5	0.0%												
Re	5961349	< 0.001	< 0.001	0.0%	5961367	< 0.001	< 0.001	0.0%												
S	5961349	0.0481	0.0464	3.6%	5961367	0.059	0.058	1.7%												
Sb	5961349	< 0.05	< 0.05	0.0%	5961367	< 0.05	< 0.05	0.0%												
Sc	5961349	8.60	8.97	4.2%	5961367	1.60	1.77	10.1%												
Se	5961349	0.4	0.4	0.0%	5961367	0.36	0.35	2.8%												
Sn	5961349	0.26	0.21	21.3%	5961367	0.3	0.3	0.0%												
Sr	5961349	12.2	11.7	4.2%	5961367	9.6	9.7	1.0%												
Ta	5961349	0.01	0.01	0.0%	5961367	0.02	0.02	0.0%												
Te	5961349	0.10	0.07		5961367	0.112	0.084	28.6%												
Th	5961349	1.59	1.24	24.7%	5961367	1.44	1.78	21.1%												
Ti	5961349	0.142	0.140	1.4%	5961367	0.090	0.088	2.2%												
Tl	5961349	0.06	0.06	0.0%	5961367	0.06	0.06	0.0%												
U	5961349	< 0.05	< 0.05	0.0%	5961367	0.18	0.18	0.0%												
V	5961349	128	127	0.8%	5961367	24.6	24.0	2.5%												
W	5961349	0.270	0.286	5.8%	5961367	0.10	0.09	10.5%												
Y	5961349	6.75	6.44	4.7%	5961367	1.55	1.49	3.9%												
Zn	5961349	32.3	31.3	3.1%	5961367	14.2	13.0	8.8%												
Zr	5961349	0.78	0.59	27.7%	5961367	1.2	1.3	8.0%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	167	91%	90% - 110%	184	170	93%	90% - 110%								
Cu	3494	3457	99%	90% - 110%	3494	3494	100%	90% - 110%								
Ni	2985	2731	91%	90% - 110%	2985	2796	94%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 18, 2014 #1
 SAMPLING SITE:

AGAT WORK ORDER: 14B904241
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 18, 2014 #1
 SAMPLING SITE:

AGAT WORK ORDER: 14B904241
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: Oct 18, 2014 #2

AGAT WORK ORDER: 14T904610

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Oct 30, 2014

PAGES (INCLUDING COVER): 12

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 21, 2014

DATE RECEIVED: Oct 21, 2014

DATE REPORTED: Oct 30, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5567972 (5964926)	0.36	0.15	4.90	1.0	0.006	<5	151	0.34	0.63	2.63	0.32	21.9	14.8	45.6
E5567973 (5964927)	0.65	0.09	1.17	0.3	<0.005	<5	55	0.07	0.15	0.36	0.03	15.2	1.6	23.9
E5567974 (5964928)	0.61	0.07	0.34	0.6	<0.005	<5	10	<0.05	0.11	0.23	0.06	4.90	5.0	74.1
E5567975 (5964929)	0.51	0.15	2.67	0.4	<0.005	<5	65	0.23	0.47	1.43	0.48	40.6	7.4	42.8
E5567976 (5964930)	0.58	0.09	1.24	0.2	<0.005	<5	79	0.06	0.12	0.28	0.03	22.8	2.2	37.8
E5567977 (5964931)	1.08	0.05	3.44	0.4	<0.005	<5	162	0.28	0.06	2.64	0.21	38.0	6.2	27.6
E5567978 (5964933)	0.67	0.09	0.80	0.7	<0.005	<5	28	<0.05	0.16	0.24	0.21	29.9	9.9	38.6
E5567979 (5964934)	0.77	0.13	0.29	12.1	<0.005	<5	30	<0.05	0.30	0.21	0.05	47.9	5.7	9.7
E5567980 (5964935)	0.62	0.09	1.10	3.1	<0.005	<5	37	0.07	0.17	0.44	0.10	25.8	1.5	34.8
E5567981 (5964936)	0.94	0.14	1.00	0.5	<0.005	<5	13	<0.05	0.24	1.17	0.04	4.31	25.1	51.8
E5567984 (5964937)	0.51	0.10	3.92	0.2	<0.005	<5	43	0.09	0.18	1.82	0.25	15.3	13.0	25.8
E5567988 (5964938)	0.74	0.18	1.49	0.4	<0.005	<5	138	<0.05	0.41	0.19	0.12	12.6	4.0	61.8
E5567989 (5964939)	1.11	0.10	0.72	5.5	<0.005	<5	66	<0.05	0.08	0.42	0.04	25.4	18.0	73.1
E5567994 (5964940)	0.72	0.04	1.39	0.4	<0.005	<5	103	0.11	0.04	1.05	0.07	20.5	11.3	69.9
E5568000 (5964941)	0.94	0.15	4.04	1850	0.007	<5	61	0.05	<0.01	0.16	0.04	6.60	51.6	20.9
E5568001 (5964942)	0.44	0.03	1.40	32.7	<0.005	<5	86	<0.05	0.05	0.33	0.04	23.5	12.8	35.3
E5568007 (5964943)	0.63	0.32	1.08	8.1	<0.005	<5	54	0.06	0.32	0.18	0.08	16.5	1.9	31.5
E5568008 (5964944)	0.49	2.21	0.72	3.6	0.569	<5	89	0.08	0.52	0.08	0.02	12.1	6.6	51.2
E5566612 (5964945)	0.09	0.51	0.82	1.8	0.049	<5	81	<0.05	0.22	0.20	0.05	10.4	3.5	50.6
E5566613 (5964946)	1.29	0.09	1.02	2.2	<0.005	<5	130	<0.05	0.03	0.50	0.02	24.2	5.6	39.8
E5566614 (5964947)	1.04	0.02	0.71	1.8	<0.005	<5	31	<0.05	0.04	0.23	0.03	19.8	8.6	42.1
E5566615 (5964948)	1.19	0.15	0.77	0.8	<0.005	<5	32	0.07	0.10	0.27	0.16	14.2	9.8	82.8
E5566616 (5964949)	0.71	0.04	1.19	0.7	<0.005	<5	70	0.06	0.02	0.26	0.03	13.3	5.2	26.9
E5566617 (5964950)	0.46	0.05	1.29	0.4	<0.005	<5	92	<0.05	0.15	0.68	0.06	22.3	10.6	64.8
E5566618 (5964951)	0.59	0.13	0.74	0.4	<0.005	<5	28	<0.05	0.17	0.98	0.01	7.52	8.4	45.9

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 21, 2014

DATE RECEIVED: Oct 21, 2014

DATE REPORTED: Oct 30, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Cs ppm 0.05	Cu ppm 0.1	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.1	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05
E5567972 (5964926)		2.76	89.0	3.24	13.0	0.12	0.11	<0.01	0.033	0.84	9.6	12.4	1.04	388	0.99
E5567973 (5964927)		2.00	22.7	1.89	5.69	0.11	0.22	<0.01	0.011	0.46	8.5	8.9	0.49	208	0.66
E5567974 (5964928)		0.59	30.7	1.00	1.45	0.10	0.06	<0.01	<0.005	0.05	1.6	5.3	0.18	112	0.91
E5567975 (5964929)		1.84	52.2	2.00	9.60	0.13	0.18	<0.01	0.072	0.67	20.1	12.1	0.78	329	1.43
E5567976 (5964930)		1.98	20.8	1.68	6.87	0.13	0.38	<0.01	0.029	0.83	10.8	14.0	1.05	299	0.52
E5567977 (5964931)		2.12	27.7	1.22	9.80	0.12	0.10	<0.01	0.017	0.62	18.1	9.4	0.80	319	11.7
E5567978 (5964933)		1.05	43.6	1.63	4.68	0.13	0.31	<0.01	0.029	0.46	14.0	8.1	0.72	201	1.49
E5567979 (5964934)		0.29	28.7	1.37	1.33	0.13	0.40	<0.01	0.042	0.24	28.4	0.7	0.03	10	14.4
E5567980 (5964935)		1.17	30.4	1.31	4.80	0.11	0.24	<0.01	0.029	0.34	13.2	8.3	0.74	136	1.65
E5567981 (5964936)		0.64	177	4.01	2.18	0.15	0.07	<0.01	0.007	0.06	2.0	3.6	0.67	539	1.77
E5567984 (5964937)		1.85	65.7	2.23	9.64	0.12	0.06	<0.01	0.033	0.17	6.9	16.8	0.67	129	1.61
E5567988 (5964938)		0.87	9.7	3.63	6.39	0.14	0.22	<0.01	0.017	1.03	5.9	17.0	0.79	537	0.79
E5567989 (5964939)		0.91	156	1.51	4.31	0.14	0.22	<0.01	0.013	0.35	9.6	11.6	0.60	99	0.69
E5567994 (5964940)		1.37	31.4	2.60	5.60	0.15	0.07	<0.01	0.010	0.23	9.9	10.2	0.78	410	0.29
E5568000 (5964941)		5.66	49.3	9.16	19.7	0.56	0.04	<0.01	0.121	3.11	2.6	52.9	1.14	738	0.45
E5568001 (5964942)		3.95	9.2	2.20	5.61	0.14	0.14	<0.01	<0.005	0.88	9.7	10.1	0.64	268	1.66
E5568007 (5964943)		5.78	6.6	1.43	4.26	0.13	0.22	<0.01	0.006	0.54	8.0	10.6	0.72	538	27.1
E5568008 (5964944)		2.32	26.1	1.91	3.17	0.13	0.12	<0.01	0.009	0.42	5.9	3.4	0.38	151	3.45
E5566612 (5964945)		1.64	23.3	1.75	2.80	0.12	0.10	<0.01	<0.005	0.39	6.2	5.2	0.29	135	1.63
E5566613 (5964946)		2.95	9.5	1.82	6.66	0.13	0.20	<0.01	0.016	0.56	12.2	18.6	0.67	238	0.38
E5566614 (5964947)		0.74	9.4	2.50	5.12	0.13	0.34	<0.01	0.009	0.26	8.7	4.9	0.27	323	0.56
E5566615 (5964948)		0.63	24.5	1.70	4.94	0.12	0.15	<0.01	0.014	0.12	6.5	9.2	0.43	149	1.21
E5566616 (5964949)		2.20	3.4	1.77	6.35	0.12	0.20	<0.01	0.005	0.67	6.0	11.8	0.54	203	0.28
E5566617 (5964950)		2.84	40.8	2.32	5.22	0.14	0.07	<0.01	0.009	0.85	10.3	8.3	0.61	334	0.80
E5566618 (5964951)		0.88	19.3	2.84	3.63	0.16	0.12	<0.01	0.015	0.11	3.7	3.0	0.64	241	1.55

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 21, 2014

DATE RECEIVED: Oct 21, 2014

DATE REPORTED: Oct 30, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5567972 (5964926)	0.20	0.34	23.0	530	6.0	50.3	0.002	1.01	0.06	6.7	1.3	0.4	276	<0.01
E5567973 (5964927)	0.07	0.12	2.4	379	5.1	26.7	<0.001	0.123	<0.05	2.1	0.3	0.2	34.9	<0.01
E5567974 (5964928)	0.02	0.14	7.6	366	5.1	3.1	<0.001	0.061	<0.05	0.6	0.3	<0.2	13.0	<0.01
E5567975 (5964929)	0.14	0.14	15.8	632	5.7	43.1	0.001	0.511	<0.05	5.2	0.8	0.5	118	<0.01
E5567976 (5964930)	0.07	0.06	5.7	972	3.4	47.1	<0.001	0.038	<0.05	6.2	0.4	0.6	19.2	<0.01
E5567977 (5964931)	0.13	0.30	13.6	930	5.3	42.0	0.011	0.148	<0.05	3.6	0.4	0.3	205	<0.01
E5567978 (5964933)	0.04	0.09	20.9	849	2.3	26.3	0.001	0.523	0.08	3.6	0.4	0.3	13.9	<0.01
E5567979 (5964934)	0.02	0.61	3.5	741	10.7	7.0	0.002	0.344	<0.05	0.8	0.5	0.3	31.0	<0.01
E5567980 (5964935)	0.05	0.11	2.6	559	5.9	16.9	<0.001	0.206	0.10	2.4	0.5	0.2	39.8	<0.01
E5567981 (5964936)	0.09	0.12	72.0	262	1.0	2.8	0.012	1.23	<0.05	5.7	0.9	<0.2	5.8	<0.01
E5567984 (5964937)	0.16	0.06	25.5	686	4.3	5.1	0.002	0.523	<0.05	4.5	1.1	0.3	55.2	<0.01
E5567988 (5964938)	0.08	0.44	11.6	559	1.2	37.9	<0.001	0.248	<0.05	8.8	0.5	0.8	12.0	<0.01
E5567989 (5964939)	0.09	0.56	25.7	811	1.4	14.0	<0.001	0.027	<0.05	4.3	0.4	<0.2	7.7	<0.01
E5567994 (5964940)	0.07	0.25	24.9	769	2.2	20.5	<0.001	0.048	<0.05	4.3	0.2	<0.2	29.4	<0.01
E5568000 (5964941)	0.02	0.49	31.8	579	7.0	102	0.002	0.714	0.77	49.6	0.8	0.8	2.5	<0.01
E5568001 (5964942)	0.04	0.78	31.0	921	1.2	44.8	<0.001	0.006	<0.05	3.9	0.2	<0.2	10.2	<0.01
E5568007 (5964943)	0.06	0.32	8.2	419	6.4	28.6	0.008	0.157	<0.05	1.8	<0.2	<0.2	14.4	<0.01
E5568008 (5964944)	0.04	0.24	6.1	332	2.3	14.9	<0.001	0.448	<0.05	1.9	0.7	0.5	17.5	<0.01
E5566612 (5964945)	0.04	0.33	7.0	438	4.8	11.7	<0.001	0.409	<0.05	0.9	<0.2	<0.2	16.1	<0.01
E5566613 (5964946)	0.07	0.31	11.4	452	1.4	27.3	<0.001	0.019	<0.05	3.0	<0.2	0.3	7.4	<0.01
E5566614 (5964947)	0.05	0.56	11.6	407	0.9	14.5	<0.001	0.006	<0.05	2.1	<0.2	0.2	11.9	<0.01
E5566615 (5964948)	0.06	0.29	13.9	541	6.0	5.4	<0.001	0.176	<0.05	4.2	0.2	0.3	14.0	<0.01
E5566616 (5964949)	0.05	0.30	4.2	396	1.3	39.6	<0.001	0.011	<0.05	2.2	<0.2	0.2	24.8	<0.01
E5566617 (5964950)	0.07	0.48	20.6	557	1.3	58.1	<0.001	0.036	<0.05	3.4	0.3	<0.2	22.0	<0.01
E5566618 (5964951)	0.11	0.45	4.1	926	0.6	6.3	0.001	0.241	<0.05	6.2	0.7	0.4	16.3	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 21, 2014

DATE RECEIVED: Oct 21, 2014

DATE REPORTED: Oct 30, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample ID (AGAT ID)										
E5567972 (5964926)	0.46	2.2	0.109	0.45	8.41	47.5	0.08	5.24	148	3.9
E5567973 (5964927)	0.24	2.2	0.080	0.26	2.08	20.9	<0.05	1.98	49.3	7.4
E5567974 (5964928)	0.21	0.5	0.013	0.08	7.13	7.2	<0.05	1.01	45.5	1.9
E5567975 (5964929)	0.21	3.6	0.102	0.39	1.38	35.4	<0.05	4.23	174	7.5
E5567976 (5964930)	0.16	3.2	0.110	0.41	0.66	50.0	<0.05	5.04	52.8	12.7
E5567977 (5964931)	0.14	3.1	0.098	0.33	0.88	27.5	0.14	4.42	86.1	3.4
E5567978 (5964933)	0.14	2.8	0.061	0.27	1.03	33.4	<0.05	4.71	137	10.1
E5567979 (5964934)	0.17	6.2	0.030	0.06	0.83	3.6	0.09	3.29	23.0	14.3
E5567980 (5964935)	0.16	2.7	0.022	0.30	0.85	14.3	<0.05	2.03	27.9	8.3
E5567981 (5964936)	0.25	0.4	0.064	0.03	0.15	36.0	6.26	3.48	17.0	1.5
E5567984 (5964937)	0.26	3.2	0.032	0.06	0.49	21.5	0.54	3.51	32.6	2.0
E5567988 (5964938)	0.16	2.2	0.190	0.26	0.29	68.3	0.26	2.53	186	8.7
E5567989 (5964939)	0.11	2.3	0.160	0.05	0.53	58.9	0.26	4.06	13.0	8.3
E5567994 (5964940)	0.07	1.5	0.142	0.07	0.32	55.0	0.24	3.72	57.4	1.8
E5568000 (5964941)	0.08	0.3	0.743	1.10	0.12	493	6.93	5.01	117	0.6
E5568001 (5964942)	0.06	2.4	0.180	0.19	0.39	37.3	0.50	5.33	88.8	6.5
E5568007 (5964943)	0.07	2.8	0.073	0.22	0.97	16.1	0.29	2.80	98.4	4.7
E5568008 (5964944)	0.08	1.4	0.061	0.13	0.53	16.0	0.56	1.42	40.6	3.4
E5566612 (5964945)	0.28	1.6	0.038	0.09	0.30	9.6	0.58	2.25	34.5	4.7
E5566613 (5964946)	0.15	2.3	0.137	0.18	0.24	35.5	0.19	3.21	51.6	7.0
E5566614 (5964947)	0.10	2.7	0.094	0.05	0.24	24.1	0.19	3.17	23.1	10.5
E5566615 (5964948)	0.11	1.6	0.129	0.04	0.17	48.1	0.12	2.60	28.8	5.3
E5566616 (5964949)	0.07	2.1	0.131	0.29	0.27	23.2	0.06	2.61	60.6	7.4
E5566617 (5964950)	0.10	1.4	0.180	0.27	0.18	46.3	0.36	4.50	34.6	2.8
E5566618 (5964951)	0.12	0.4	0.233	0.05	0.15	38.6	0.17	6.91	14.8	2.0

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Oct 21, 2014		DATE RECEIVED: Oct 21, 2014					DATE REPORTED: Oct 30, 2014					SAMPLE TYPE: Rock			
Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
E5567977 (5964931)	12.4	0.03	10.1	<0.01	4.60	0.95	5.02	0.18	0.59	0.19	63.5	0.36	0.04	0.01	
E5567978 (5964933)	14.2	0.05	2.28	<0.01	2.35	3.40	1.32	0.03	3.02	0.18	70.6	0.31	0.05	<0.01	
E5567989 (5964939)	16.3	0.01	3.05	<0.01	2.92	0.62	1.67	0.02	7.07	0.16	63.5	0.56	0.01	0.01	
E5567994 (5964940)	15.8	0.06	6.68	0.02	7.18	1.32	2.50	0.10	3.14	0.16	60.7	0.68	0.07	0.02	
E5568001 (5964942)	16.4	0.06	2.35	<0.01	3.50	3.66	1.17	0.04	2.04	0.19	68.6	0.52	0.02	0.01	
E5566613 (5964946)	15.5	0.03	2.55	<0.01	2.69	1.13	1.11	0.02	5.70	0.09	69.7	0.32	0.01	0.01	
E5566614 (5964947)	14.7	0.05	1.89	0.01	4.21	3.17	0.51	0.09	3.79	0.09	70.4	0.31	0.02	<0.01	
E5566615 (5964948)	15.4	0.03	1.70	0.01	2.48	1.18	0.76	0.02	5.23	0.11	70.4	0.46	0.04	0.02	
E5566616 (5964949)	15.8	0.04	2.21	<0.01	2.69	2.77	0.98	0.03	3.22	0.09	70.2	0.34	0.06	<0.01	
E5566617 (5964950)	16.4	0.07	3.33	0.01	3.78	2.97	1.12	0.05	3.13	0.11	67.2	0.53	0.04	0.01	
	Analyte:	LOI	Total												
	Unit:	%	%												
	RDL:	0.01	0.01												
E5567977 (5964931)	1.44	99.4													
E5567978 (5964933)	1.84	99.6													
E5567989 (5964939)	1.80	97.7													
E5567994 (5964940)	1.32	99.7													
E5568001 (5964942)	1.54	100													
E5566613 (5964946)	1.09	99.9													
E5566614 (5964947)	0.75	100													
E5566615 (5964948)	2.22	100													
E5566616 (5964949)	1.61	100													
E5566617 (5964950)	1.34	100													

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5964926	0.15	0.19	23.5%														
Al	5964926	4.90	5.08	3.6%														
As	5964926	1.0	0.7															
Au	5964926	0.006	0.005	18.2%														
B	5964926	< 5	< 5	0.0%														
Ba	5964926	151	150	0.7%														
Be	5964926	0.34	0.35	2.9%														
Bi	5964926	0.63	0.66	4.7%														
Ca	5964926	2.63	2.65	0.8%														
Cd	5964926	0.32	0.32	0.0%														
Ce	5964926	21.9	22.8	4.0%														
Co	5964926	14.8	14.6	1.4%														
Cr	5964926	45.6	45.2	0.9%														
Cs	5964926	2.76	2.88	4.3%														
Cu	5964926	89.0	88.6	0.5%														
Fe	5964926	3.24	3.25	0.3%														
Ga	5964926	13.0	13.1	0.8%														
Ge	5964926	0.122	0.127	4.0%														
Hf	5964926	0.11	0.11	0.0%														
Hg	5964926	< 0.01	< 0.01	0.0%														
In	5964926	0.0330	0.0336	1.8%														
K	5964926	0.84	0.86	2.4%														
La	5964926	9.6	9.8	2.1%														
Li	5964926	12.4	12.8	3.2%														
Mg	5964926	1.04	1.04	0.0%														
Mn	5964926	388	379	2.3%														
Mo	5964926	0.99	1.04	4.9%														
Na	5964926	0.203	0.207	2.0%														
Nb	5964926	0.336	0.319	5.2%														
Ni	5964926	23.0	23.1	0.4%														
P	5964926	530	538	1.5%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5964926	6.04	6.43	6.3%																
Rb	5964926	50.3	50.7	0.8%																
Re	5964926	0.0021	0.0027	25.0%																
S	5964926	1.01	1.02	1.0%																
Sb	5964926	0.06	0.06	0.0%																
Sc	5964926	6.70	6.87	2.5%																
Se	5964926	1.33	1.45	8.6%																
Sn	5964926	0.4	0.4	0.0%																
Sr	5964926	276	278	0.7%																
Ta	5964926	< 0.01	< 0.01	0.0%																
Te	5964926	0.46	0.41	11.5%																
Th	5964926	2.2	2.4	8.7%																
Ti	5964926	0.109	0.113	3.6%																
Tl	5964926	0.45	0.47	4.3%																
U	5964926	8.41	8.38	0.4%																
V	5964926	47.5	47.6	0.2%																
W	5964926	0.078	0.072	8.0%																
Y	5964926	5.24	5.32	1.5%																
Zn	5964926	148	148	0.0%																
Zr	5964926	3.87	4.26	9.6%																

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	REPLICATE #1				REPLICATE #2																
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD													
Al2O3	5964946	15.5	15.5	0.1%		14.4	14.4	0.2%													
BaO	5964946	0.03	0.02	20.4%		<0.01	<0.01	0%													
CaO	5964946	2.55	2.56	0.5%		9.76	9.86	1.1%													
Cr2O3	5964946	<0.01	<0.01	0%		0.04	0.04	0%													
Fe2O3	5964946	2.69	2.70	0.6%		11.6	11.7	0.9%													
K2O	5964946	1.13	1.11	1.4%		0.09	0.08	11%													
MgO	5964946	1.11	1.10	0.6%		8.82	8.98	1.8%													
MnO	5964946	0.02	0.03	26.7%		0.16	0.17	1.1%													
Na2O	5964946	5.70	5.69	0.1%		2.89	2.88	0.3%													
P2O5	5964946	0.09	0.09	1.1%		0.05	0.05	0%													
SiO2	5964946	69.7	69.9	0.3%		51.0	50.9	0.2%													



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

TiO2	5964946	0.32	0.33	2.8%		0.78	0.78	0.1%								
SrO	5964946	0.01	0.02	6.9%		0.01	<0.01	0%								
V2O5	5964946	0.01	<0.01	0%		0.04	0.05	12.5%								



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (sy-4)								
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits					
Co	184	172	94%	90% - 110%	184	173	94%	90% - 110%									
Cu	3494	3415	98%	90% - 110%	3494	3428	98%	90% - 110%									
Ni	2985	2825	95%	90% - 110%	2985	2848	95%	90% - 110%									

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1 (sy-4)				CRM #2				CRM #3 (sy-4)								
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits					
Al2O3	20.69	20.6	99%	90% - 110%					20.69	20.6	100%	90% - 110%					
BaO					0.04	0.04	100%	90% - 110%									
CaO	8.05	8.09	101%	90% - 110%					8.05	8.09	101%	90% - 110%					
Fe2O3	6.21	6.33	102%	90% - 110%					6.21	6.25	101%	90% - 110%					
K2O	1.66	1.66	100%	90% - 110%					1.66	1.65	99%	90% - 110%					
MgO	0.54	0.523	97%	90% - 110%					0.54	0.516	96%	90% - 110%					
MnO	0.108	0.108	100%	90% - 110%					0.108	0.107	99%	90% - 110%					
Na2O	7.1	7.16	101%	90% - 110%					7.1	7.11	100%	90% - 110%					
P2O5	0.131	0.121	92%	90% - 110%					0.131	0.123	94%	90% - 110%					
SiO2	49.9	49.8	100%	90% - 110%					49.9	50.0	100%	90% - 110%					
TiO2	0.287	0.296	103%	90% - 110%					0.287	0.293	102%	90% - 110%					
SrO	0.1408	0.130	92%	90% - 110%					0.1408	0.145	103%	90% - 110%					

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T904610

PROJECT: Oct 18, 2014 #2

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Al ₂ O ₃	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr ₂ O ₃	MIN-200-12027		XRF
Fe ₂ O ₃	MIN-200-12027		XRF
K ₂ O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 22, 2014 # 1

AGAT WORK ORDER: 14T905959

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Oct 29, 2014

PAGES (INCLUDING COVER): 13

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5566620 (5980875)	0.60	0.03	3.26	0.6	<0.005	6	171	0.47	0.05	2.73	0.04	50.2	60.9	65.3
E5566621 (5980876)	1.00	0.08	3.79	0.6	<0.005	<5	354	0.12	0.06	0.55	0.04	40.9	40.3	136
E5566622 (5980877)	1.05	0.04	1.38	0.6	<0.005	<5	310	0.18	0.09	0.73	0.07	103	8.2	63.1
E5566623 (5980878)	0.82	0.05	1.63	0.7	<0.005	<5	366	0.21	0.08	0.73	0.07	82.0	13.3	39.0
E5566624 (5980879)	1.06	0.11	2.22	0.5	0.019	<5	58	0.51	0.07	2.46	0.05	80.8	23.8	62.2
E5566625 (5980880)	0.76	0.03	1.54	0.3	<0.005	<5	66	0.16	0.04	0.95	0.03	32.8	4.8	25.6
E5566627 (5980881)	0.52	0.01	1.83	0.6	<0.005	<5	122	0.15	0.02	0.96	0.02	28.3	11.1	104
E5566630 (5980882)	0.48	0.05	0.94	0.6	<0.005	<5	20	0.08	0.15	0.42	0.02	34.8	22.4	211
E5566632 (5980883)	0.64	0.02	1.93	0.5	<0.005	<5	31	0.11	0.05	1.63	0.04	8.25	14.8	96.9
E5566633 (5980884)	0.84	0.03	1.08	0.6	<0.005	<5	83	0.07	0.09	0.36	0.02	19.3	7.3	30.2
E5566634 (5980885)	1.22	0.07	1.17	0.7	<0.005	<5	112	0.07	0.22	0.30	0.02	11.3	5.0	29.7
E5566635 (5980886)	0.91	0.06	2.66	0.5	<0.005	<5	415	0.16	0.05	1.16	0.03	26.0	7.2	32.6
E5566636 (5980887)	0.81	0.04	1.36	0.6	<0.005	<5	25	0.20	0.05	0.48	0.06	33.3	9.1	33.0
E5566637 (5980888)	0.61	0.14	0.72	0.5	<0.005	<5	28	0.08	0.45	0.32	0.05	12.4	6.6	35.5
E5566638 (5980889)	0.59	0.11	0.75	0.6	<0.005	<5	61	<0.05	0.12	0.27	0.01	14.5	4.7	31.0
E5566639 (5980890)	0.61	0.11	0.90	0.7	<0.005	<5	84	<0.05	0.08	0.23	0.02	8.46	3.5	38.8
E5566640 (5980891)	0.89	0.05	0.46	0.7	<0.005	<5	58	<0.05	0.33	0.28	0.01	10.3	4.3	38.6
E5566641 (5980892)	1.06	0.04	0.96	0.7	<0.005	<5	17	0.09	0.28	0.40	0.02	8.05	9.1	40.7
E5566642 (5980893)	0.75	0.02	0.50	0.9	<0.005	<5	15	<0.05	0.60	0.36	0.02	4.83	3.7	24.1
E5566643 (5980894)	0.60	0.04	0.65	1.3	<0.005	<5	27	0.06	0.64	0.24	<0.01	5.65	9.9	29.1
E5566644 (5980895)	0.76	0.05	0.87	0.6	<0.005	<5	12	0.10	0.36	0.37	0.02	16.4	6.6	33.2
E5566645 (5980896)	1.18	0.23	1.56	0.7	<0.005	<5	26	0.19	0.68	0.65	0.09	27.5	16.7	43.5
E5566647 (5980897)	1.13	0.09	0.64	0.7	<0.005	<5	11	0.13	0.38	0.26	0.02	11.7	5.3	35.8
E5566648 (5980898)	1.01	0.03	1.23	0.6	<0.005	<5	14	0.16	0.12	0.47	0.02	11.0	6.8	46.2
E5566649 (5980899)	1.00	0.03	0.60	0.6	<0.005	<5	25	0.13	0.68	0.32	0.02	11.0	2.6	26.8
E5566650 (5980900)	0.50	0.05	0.65	0.5	<0.005	9	32	0.14	0.28	0.29	0.01	8.03	5.1	25.9
E5566651 (5980901)	0.66	0.03	1.52	0.7	<0.005	<5	27	0.39	0.29	0.68	0.03	85.4	14.4	23.9
E5548160 (5980902)	0.87	0.25	1.18	1.9	0.046	<5	24	0.12	0.06	0.48	0.22	62.1	8.5	49.4
E5548161 (5980903)	1.15	5.05	0.56	4.4	20.2	<5	15	0.09	0.14	0.24	0.97	17.6	2.4	41.9
E5548162 (5980904)	0.60	0.80	0.04	2.4	2.67	<5	2	<0.05	0.10	0.10	0.35	0.47	0.7	49.9
E5548163 (5980905)	0.88	0.33	0.04	4.0	0.155	<5	2	<0.05	0.03	0.03	6.38	0.34	0.8	53.0

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

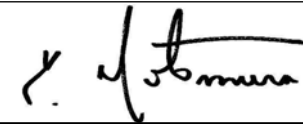
DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5566620 (5980875)		2.53	71.0	4.85	14.5	0.20	0.09	<0.01	0.044	1.11	21.4	41.7	1.89	1050	1.11
E5566621 (5980876)		26.8	147	8.84	16.0	0.26	0.06	<0.01	0.010	1.65	17.2	56.1	2.71	770	1.26
E5566622 (5980877)		3.29	12.7	1.83	7.50	0.19	0.97	<0.01	0.014	0.92	52.2	21.2	1.16	344	0.12
E5566623 (5980878)		4.07	24.7	2.89	9.20	0.20	0.25	<0.01	0.014	1.16	38.3	34.5	1.30	679	0.17
E5566624 (5980879)		2.84	181	2.96	6.95	0.19	0.07	<0.01	0.020	0.58	37.3	17.2	1.02	860	0.21
E5566625 (5980880)		1.87	1.0	1.49	4.99	0.12	0.25	<0.01	<0.005	0.47	15.5	10.6	0.38	347	0.17
E5566627 (5980881)		2.55	0.1	2.60	7.73	0.14	0.06	<0.01	0.013	0.54	13.1	19.2	0.86	377	0.20
E5566630 (5980882)		0.40	168	1.97	6.17	0.15	0.09	<0.01	<0.005	0.18	14.7	6.8	0.52	81	0.62
E5566632 (5980883)		2.49	10.9	1.58	3.64	0.11	0.05	<0.01	0.006	0.11	4.2	18.8	1.23	335	0.28
E5566633 (5980884)		2.27	31.8	1.99	4.96	0.13	0.12	<0.01	<0.005	0.34	8.8	18.4	0.83	243	0.85
E5566634 (5980885)		5.34	15.9	2.15	5.37	0.13	0.16	<0.01	<0.005	0.62	4.9	27.5	0.77	257	4.93
E5566635 (5980886)		2.98	21.0	2.20	8.47	0.15	0.07	<0.01	<0.005	0.62	10.9	20.9	0.92	325	6.23
E5566636 (5980887)		0.73	14.6	2.14	7.84	0.13	0.08	<0.01	<0.005	0.09	14.7	31.7	1.12	425	0.27
E5566637 (5980888)		1.51	113	2.12	4.29	0.13	0.13	<0.01	<0.005	0.15	4.8	14.7	0.66	179	2.32
E5566638 (5980889)		1.37	14.5	1.83	4.45	0.13	0.15	<0.01	<0.005	0.28	5.1	17.7	0.63	146	0.31
E5566639 (5980890)		2.29	33.8	2.04	4.88	0.12	0.11	<0.01	<0.005	0.35	2.5	21.0	0.66	204	2.40
E5566640 (5980891)		0.17	7.4	2.05	3.71	0.12	0.08	<0.01	<0.005	0.06	4.0	5.0	0.33	66	1.44
E5566641 (5980892)		0.17	21.5	2.03	5.66	0.11	0.11	<0.01	<0.005	0.06	2.8	17.2	1.00	236	0.72
E5566642 (5980893)		0.32	9.8	1.47	3.90	0.11	0.18	<0.01	<0.005	0.03	1.9	3.9	0.27	78	1.59
E5566643 (5980894)		0.51	24.3	2.66	4.84	0.12	0.12	<0.01	<0.005	0.09	2.5	8.2	0.46	132	0.49
E5566644 (5980895)		0.45	130	2.11	5.06	0.12	0.13	<0.01	<0.005	0.05	5.5	17.7	0.87	225	2.88
E5566645 (5980896)		1.60	107	3.07	8.19	0.16	0.05	<0.01	0.024	0.14	11.3	39.7	1.12	413	1.66
E5566647 (5980897)		0.77	29.0	1.56	4.19	0.12	0.14	<0.01	<0.005	0.05	4.8	13.2	0.54	146	1.17
E5566648 (5980898)		0.32	19.0	1.98	6.63	0.11	0.13	<0.01	<0.005	0.07	4.3	28.3	1.22	317	0.94
E5566649 (5980899)		0.76	3.0	1.47	4.10	0.11	0.09	<0.01	<0.005	0.10	5.0	11.8	0.41	88	3.40
E5566650 (5980900)		0.86	5.2	1.62	4.44	0.12	0.10	<0.01	<0.005	0.08	3.5	16.7	0.58	102	0.51
E5566651 (5980901)		1.68	0.8	2.66	9.36	0.18	0.15	<0.01	0.011	0.09	39.6	27.7	1.30	517	0.19
E5548160 (5980902)		1.25	14.8	1.97	6.09	0.16	0.33	<0.01	0.007	0.60	30.7	27.3	0.93	494	1.19
E5548161 (5980903)		0.57	56.7	1.29	3.87	0.12	0.13	<0.01	0.010	0.20	7.9	7.5	0.33	168	1.66
E5548162 (5980904)		0.10	9.7	0.45	0.28	0.09	<0.02	<0.01	<0.005	0.01	0.2	0.4	0.02	40	0.71
E5548163 (5980905)		<0.05	40.7	0.91	0.20	0.10	<0.02	<0.01	0.005	0.01	0.2	0.4	0.01	31	0.54

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

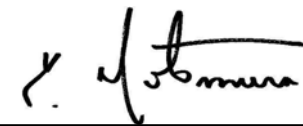
DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5566620 (5980875)	0.04	1.08	135	2530	2.0	54.3	0.002	0.118	<0.05	13.3	0.5	0.5	19.4	<0.01
E5566621 (5980876)	0.05	0.33	98.8	860	2.2	92.8	0.001	0.460	<0.05	12.4	0.6	<0.2	9.9	0.01
E5566622 (5980877)	0.06	0.34	54.7	932	6.0	50.3	<0.001	0.037	<0.05	2.8	<0.2	0.5	42.1	<0.01
E5566623 (5980878)	0.06	0.42	16.3	1170	4.3	60.2	<0.001	0.108	<0.05	4.8	0.3	0.5	48.0	<0.01
E5566624 (5980879)	0.13	0.82	28.8	1780	1.9	41.6	0.001	0.048	<0.05	7.3	0.3	0.2	39.6	<0.01
E5566625 (5980880)	0.08	0.31	9.8	405	1.0	23.7	<0.001	0.012	<0.05	2.4	<0.2	<0.2	26.1	<0.01
E5566627 (5980881)	0.09	0.28	20.4	752	1.2	25.0	<0.001	0.012	<0.05	6.3	<0.2	0.5	22.2	<0.01
E5566630 (5980882)	0.11	0.11	191	611	0.6	5.6	0.001	0.311	<0.05	4.6	0.7	<0.2	15.5	<0.01
E5566632 (5980883)	0.10	<0.05	87.9	215	1.2	9.0	<0.001	0.035	<0.05	3.2	<0.2	<0.2	20.3	<0.01
E5566633 (5980884)	0.06	0.38	13.8	545	1.1	19.5	<0.001	0.068	<0.05	1.9	<0.2	<0.2	31.3	<0.01
E5566634 (5980885)	0.07	0.31	11.9	499	1.5	40.4	0.002	0.149	<0.05	3.3	<0.2	0.3	18.4	<0.01
E5566635 (5980886)	0.25	0.19	9.7	562	1.8	30.0	0.009	0.329	<0.05	3.8	<0.2	0.2	76.0	<0.01
E5566636 (5980887)	0.05	0.27	15.4	569	9.2	7.1	<0.001	0.030	0.08	3.1	<0.2	0.2	25.7	<0.01
E5566637 (5980888)	0.06	0.61	10.0	672	1.5	10.4	<0.001	0.936	<0.05	2.2	0.2	0.4	21.3	<0.01
E5566638 (5980889)	0.06	0.67	8.1	548	1.2	13.1	<0.001	0.484	<0.05	3.3	<0.2	0.3	14.4	<0.01
E5566639 (5980890)	0.06	0.59	8.5	513	1.2	21.1	0.002	0.176	<0.05	3.2	<0.2	0.3	16.3	<0.01
E5566640 (5980891)	0.07	0.71	12.5	572	1.4	2.2	<0.001	0.443	<0.05	1.8	<0.2	0.3	40.6	<0.01
E5566641 (5980892)	0.06	0.23	20.7	567	1.1	4.8	<0.001	0.638	<0.05	2.3	0.3	<0.2	35.4	<0.01
E5566642 (5980893)	0.06	0.43	6.1	511	1.5	1.9	0.002	0.284	<0.05	1.6	<0.2	<0.2	60.7	<0.01
E5566643 (5980894)	0.07	0.30	10.0	567	1.2	5.8	<0.001	0.996	<0.05	1.5	0.6	<0.2	36.9	<0.01
E5566644 (5980895)	0.06	0.28	11.0	884	1.8	4.0	0.001	0.633	<0.05	2.9	0.3	0.2	23.7	<0.01
E5566645 (5980896)	0.05	0.25	24.6	670	3.2	9.5	0.002	0.497	<0.05	3.6	1.1	0.7	16.3	<0.01
E5566647 (5980897)	0.07	0.36	9.9	441	2.2	3.7	<0.001	0.668	<0.05	2.3	0.2	0.3	23.4	<0.01
E5566648 (5980898)	0.05	0.24	31.0	676	0.7	5.7	0.003	0.156	<0.05	2.5	0.2	<0.2	50.0	<0.01
E5566649 (5980899)	0.06	0.17	5.1	477	1.2	4.9	<0.001	0.472	<0.05	2.3	<0.2	<0.2	42.6	<0.01
E5566650 (5980900)	0.06	0.19	6.7	498	1.7	4.6	<0.001	0.867	<0.05	2.0	0.2	0.2	23.0	<0.01
E5566651 (5980901)	0.05	0.44	8.9	1060	2.4	11.2	<0.001	0.149	<0.05	2.8	<0.2	0.3	56.7	<0.01
E5548160 (5980902)	0.05	0.53	20.4	494	7.6	35.6	<0.001	0.133	<0.05	2.6	<0.2	0.4	11.5	<0.01
E5548161 (5980903)	0.06	1.07	5.8	412	341	12.7	<0.001	0.209	0.25	1.4	1.5	1.0	9.3	<0.01
E5548162 (5980904)	<0.01	0.11	2.9	41	66.7	0.7	<0.001	0.042	<0.05	0.2	0.3	<0.2	4.2	<0.01
E5548163 (5980905)	<0.01	0.08	4.0	20	45.2	0.6	<0.001	0.124	<0.05	0.3	0.3	<0.2	1.4	<0.01

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001
E5566620 (5980875)	0.08	1.9	0.412	0.21	0.26	173	0.22	13.8	39.4	2.8	
E5566621 (5980876)	0.06	1.3	0.405	0.46	0.23	185	0.19	8.05	90.1	3.3	
E5566622 (5980877)	0.02	9.7	0.189	0.33	0.97	40.1	0.22	6.17	60.4	49.3	
E5566623 (5980878)	0.02	6.8	0.237	0.38	0.74	88.5	0.73	7.77	51.3	9.9	
E5566624 (5980879)	0.03	2.6	0.228	0.17	0.40	138	0.19	10.2	22.1	1.8	
E5566625 (5980880)	0.01	1.9	0.084	0.12	0.19	23.7	<0.05	3.24	17.5	11.7	
E5566627 (5980881)	<0.01	1.7	0.192	0.08	0.13	105	0.11	6.31	13.2	2.3	
E5566630 (5980882)	0.18	1.4	0.076	0.08	0.17	59.2	0.05	4.13	3.7	3.4	
E5566632 (5980883)	0.02	0.6	0.070	0.04	0.15	38.7	0.06	2.03	25.0	1.5	
E5566633 (5980884)	0.03	1.6	0.153	0.10	0.49	37.0	0.16	2.55	23.7	3.7	
E5566634 (5980885)	0.03	1.6	0.156	0.19	0.48	46.2	0.16	2.38	22.6	4.2	
E5566635 (5980886)	0.02	1.8	0.163	0.17	0.41	50.9	0.45	4.65	22.6	2.0	
E5566636 (5980887)	0.01	2.0	0.152	0.03	0.25	43.2	0.20	4.47	38.5	2.6	
E5566637 (5980888)	0.03	1.6	0.134	0.06	0.50	33.6	0.19	2.55	38.8	3.3	
E5566638 (5980889)	0.04	1.7	0.126	0.06	0.29	35.0	0.19	2.91	20.2	3.8	
E5566639 (5980890)	0.03	1.8	0.144	0.13	0.32	38.9	0.14	1.95	23.9	3.2	
E5566640 (5980891)	0.04	1.7	0.128	0.01	0.19	23.8	0.13	1.60	6.5	2.0	
E5566641 (5980892)	0.03	1.7	0.130	0.02	0.26	35.1	0.14	2.06	23.9	3.0	
E5566642 (5980893)	0.04	1.4	0.081	0.01	0.69	23.2	<0.05	1.60	5.5	5.3	
E5566643 (5980894)	0.03	1.7	0.125	0.03	0.62	31.1	0.07	1.41	10.5	3.6	
E5566644 (5980895)	0.03	3.6	0.117	0.02	0.27	36.4	0.16	2.00	24.2	4.6	
E5566645 (5980896)	0.19	2.2	0.146	0.05	0.37	45.2	0.35	5.37	47.1	1.4	
E5566647 (5980897)	0.05	1.5	0.086	0.02	0.34	25.1	0.12	2.41	17.5	3.9	
E5566648 (5980898)	0.03	1.5	0.162	0.03	0.30	42.0	0.12	1.99	29.5	2.9	
E5566649 (5980899)	0.04	1.2	0.087	0.02	0.08	24.1	0.20	1.47	10.0	2.3	
E5566650 (5980900)	0.04	1.3	0.071	0.02	0.11	24.3	0.21	1.75	13.9	2.7	
E5566651 (5980901)	<0.01	6.0	0.183	0.03	1.10	57.8	0.17	9.56	37.0	5.7	
E5548160 (5980902)	0.06	4.5	0.115	0.23	0.63	40.5	1.09	4.07	64.0	12.3	
E5548161 (5980903)	5.82	2.9	0.079	0.12	0.52	34.5	1.26	1.97	149	4.8	25.1
E5548162 (5980904)	0.93	<0.1	0.005	<0.01	<0.05	4.6	0.21	0.22	36.9	<0.5	2.82
E5548163 (5980905)	0.27	<0.1	<0.005	0.02	<0.05	3.4	0.11	0.15	158	<0.5	

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Oct 23, 2014		DATE RECEIVED: Oct 23, 2014					DATE REPORTED: Oct 29, 2014					SAMPLE TYPE: Rock			
Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
E5566622 (5980877)		15.3	0.15	2.48	<0.01	2.92	2.05	2.04	0.04	4.56	0.18	68.1	0.46	0.12	<0.01
E5566625 (5980880)		13.6	0.03	3.30	<0.01	2.84	2.01	0.78	0.06	1.97	0.08	73.8	0.32	0.02	<0.01
E5566632 (5980883)		16.9	0.03	10.1	0.06	10.2	1.17	9.04	0.19	2.09	0.05	48.1	0.53	0.02	0.03
E5566636 (5980887)		15.4	0.10	1.96	<0.01	3.61	2.76	1.91	0.05	4.03	0.12	67.3	0.35	0.04	<0.01
Analyte:	LOI	Total													
Unit:	%	%													
Sample ID (AGAT ID)	RDL:	0.01	0.01												
E5566622 (5980877)		1.31	99.7												
E5566625 (5980880)		1.11	99.9												
E5566632 (5980883)		1.12	99.6												
E5566636 (5980887)		2.22	99.9												

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5980875	0.034	0.040	16.2%	5980894	0.035	0.028	22.2%				
Al	5980875	3.26	3.28	0.6%	5980894	0.65	0.65	0.0%				
As	5980875	0.6	0.6	0.0%	5980894	1.35	1.38	2.2%				
Au	5980875	< 0.005	< 0.005	0.0%	5980894	< 0.005	< 0.005	0.0%				
B	5980875	6	6	0.0%	5980894	< 5	< 5	0.0%				
Ba	5980875	171	178	4.0%	5980894	27	28	3.6%				
Be	5980875	0.47	0.48	2.1%	5980894	0.06	0.06	0.0%				
Bi	5980875	0.05	0.05	0.0%	5980894	0.64	0.65	1.6%				
Ca	5980875	2.73	2.87	5.0%	5980894	0.24	0.24	0.0%				
Cd	5980875	0.04	0.04	0.0%	5980894	< 0.01	< 0.01	0.0%				
Ce	5980875	50.2	51.0	1.6%	5980894	5.65	5.80	2.6%				
Co	5980875	60.9	61.2	0.5%	5980894	9.9	10.1	2.0%				
Cr	5980875	65.3	61.9	5.3%	5980894	29.1	28.3	2.8%				
Cs	5980875	2.53	2.57	1.6%	5980894	0.51	0.52	1.9%				
Cu	5980875	71.0	73.7	3.7%	5980894	24.3	24.1	0.8%				
Fe	5980875	4.85	4.93	1.6%	5980894	2.66	2.66	0.0%				
Ga	5980875	14.5	14.8	2.0%	5980894	4.84	4.99	3.1%				
Ge	5980875	0.20	0.20	0.0%	5980894	0.12	0.12	0.0%				
Hf	5980875	0.09	0.09	0.0%	5980894	0.123	0.133	7.8%				
Hg	5980875	< 0.01	< 0.01	0.0%	5980894	< 0.01	< 0.01	0.0%				
In	5980875	0.044	0.045	2.2%	5980894	< 0.005	< 0.005	0.0%				
K	5980875	1.11	1.12	0.9%	5980894	0.09	0.09	0.0%				
La	5980875	21.4	21.6	0.9%	5980894	2.51	2.59	3.1%				
Li	5980875	41.7	41.3	1.0%	5980894	8.2	8.2	0.0%				
Mg	5980875	1.89	1.91	1.1%	5980894	0.46	0.46	0.0%				
Mn	5980875	1050	1000	4.9%	5980894	132	131	0.8%				
Mo	5980875	1.11	1.11	0.0%	5980894	0.490	0.472	3.7%				
Na	5980875	0.04	0.04	0.0%	5980894	0.07	0.07	0.0%				
Nb	5980875	1.08	1.00	7.7%	5980894	0.30	0.34	12.5%				
Ni	5980875	135	131	3.0%	5980894	10.0	9.7	3.0%				
P	5980875	2530	2420	4.4%	5980894	567	558	1.6%				



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5980875	2.0	2.0	0.0%	5980894	1.2	1.2	0.0%									
Rb	5980875	54.3	54.3	0.0%	5980894	5.8	5.8	0.0%									
Re	5980875	0.002	0.002	0.0%	5980894	< 0.001	< 0.001	0.0%									
S	5980875	0.118	0.118	0.0%	5980894	0.996	1.00	0.4%									
Sb	5980875	< 0.05	< 0.05	0.0%	5980894	< 0.05	< 0.05	0.0%									
Sc	5980875	13.3	13.2	0.8%	5980894	1.5	1.5	0.0%									
Se	5980875	0.5	0.5	0.0%	5980894	0.6	0.6	0.0%									
Sn	5980875	0.5	0.5	0.0%	5980894	< 0.2	< 0.2	0.0%									
Sr	5980875	19.4	19.4	0.0%	5980894	36.9	37.0	0.3%									
Ta	5980875	< 0.01	< 0.01	0.0%	5980894	< 0.01	< 0.01	0.0%									
Te	5980875	0.083	0.090	8.1%	5980894	0.03	0.03	0.0%									
Th	5980875	1.9	1.9	0.0%	5980894	1.7	1.7	0.0%									
Ti	5980875	0.412	0.428	3.8%	5980894	0.125	0.124	0.8%									
Tl	5980875	0.208	0.217	4.2%	5980894	0.03	0.03	0.0%									
U	5980875	0.263	0.266	1.1%	5980894	0.62	0.62	0.0%									
V	5980875	173	167	3.5%	5980894	31.1	30.5	1.9%									
W	5980875	0.22	0.22	0.0%	5980894	0.069	0.076	9.7%									
Y	5980875	13.8	14.0	1.4%	5980894	1.41	1.43	1.4%									
Zn	5980875	39.4	41.6	5.4%	5980894	10.5	11.3	7.3%									
Zr	5980875	2.8	2.8	0.0%	5980894	3.57	3.49	2.3%									

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	REPLICATE #1				RPD												
	Sample ID	Original	Replicate	RPD													
Al2O3	5980877	15.3	15.2	0.6%													
BaO	5980877	0.15	0.16	1.3%													
CaO	5980877	2.48	2.47	0.5%													
Cr2O3	5980877	<0.01	<0.01	0.0%													
Fe2O3	5980877	2.92	2.89	1.0%													
K2O	5980877	2.05	2.01	2.2%													
MgO	5980877	2.04	2.02	0.7%		0.42	0.40	2.9%									
MnO	5980877	0.04	0.04	2.4%													
Na2O	5980877	4.56	4.48	1.7%													
P2O5	5980877	0.18	0.18	1.1%													
SiO2	5980877	68.1	67.7	0.6%													



AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

TiO2	5980877	0.46	0.45	1.8%												
SrO	5980877	0.12	0.12	0.8%												
V2O5	5980877	<0.01	<0.01	0.0%												



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (sy-4)								
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits					
Co	180	178	99%	90% - 110%	180	182	101%	90% - 110%									
Cu	3494	3390	97%	90% - 110%	3494	3348	96%	90% - 110%									
Ni	2985	2734	92%	90% - 110%	2985	2712	91%	90% - 110%									

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1 (sy-4)				CRM #2				CRM #3 (sy-4)								
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits					
Al2O3	20.69	20.7	100%	90% - 110%													
BaO					0.04	0.04	100%	90% - 110%									
CaO	8.05	8.07	100%	90% - 110%													
Fe2O3	6.21	6.24	100%	90% - 110%													
K2O	1.66	1.64	99%	90% - 110%													
MgO	0.54	0.514	95%	90% - 110%					0.54	0.518	96%	90% - 110%					
MnO	0.108	0.104	96%	90% - 110%													
Na2O	7.1	7.13	100%	90% - 110%													
P2O5	0.131	0.119	91%	90% - 110%													
SiO2	49.9	49.8	100%	90% - 110%													
TiO2	0.287	0.290	101%	90% - 110%													
SrO	0.1408	0.136	97%	90% - 110%													

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

CLIENT NAME: HARTE GOLD CORPORATION
8 KING STREET EAST, SUITE 1700
TORONTO, ON M5C1B5
(416) 368-0999

ATTENTION TO: BOB MIDDLETON

PROJECT: OCT 22, 2014 #2

AGAT WORK ORDER: 14T905965

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Oct 28, 2014

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14T905965

PROJECT: OCT 22, 2014 #2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5566619 (5980935)		0.90	0.11	1.64	0.5	0.006	<5	36	0.12	0.21	1.29	0.04	4.58	14.4	90.8
E5566626 (5980936)		0.63	0.04	1.61	0.6	<0.005	<5	205	0.06	0.15	0.32	0.05	28.7	14.6	115
E5566628 (5980937)		0.92	0.30	1.64	0.6	<0.005	<5	31	0.35	0.20	1.85	0.04	23.2	14.0	6.3
E5566629 (5980938)		0.43	0.19	2.29	0.7	<0.005	<5	72	0.25	0.12	1.86	0.06	30.9	54.3	22.1
E5566631 (5980939)		0.41	0.13	0.72	0.8	<0.005	<5	44	0.06	0.36	0.10	0.02	55.7	2.2	36.2
E5566646 (5980940)		0.97	0.29	0.81	0.9	<0.005	<5	80	0.18	0.55	0.99	0.03	17.5	12.5	11.5
E5566652 (5980941)		1.36	0.69	0.37	65.4	0.240	<5	19	0.18	0.05	0.45	0.49	1.27	18.3	49.5
E5566653 (5980942)		0.91	0.16	2.25	1.2	<0.005	<5	44	0.45	0.25	2.26	0.38	44.1	14.3	40.3
E5548164 (5980943)		0.61	6.77	2.52	1.5	0.176	<5	13	0.35	7.40	1.57	47.6	3.10	32.6	58.5
E5548165 (5980944)		0.78	0.52	1.77	0.9	0.006	<5	33	0.16	0.21	1.11	0.80	7.51	66.2	68.5
Sample ID (AGAT ID)	Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5566619 (5980935)		1.25	20.5	3.03	6.51	0.13	0.11	<0.01	0.012	0.13	2.4	34.4	1.55	381	0.96
E5566626 (5980936)		2.08	2.9	2.61	9.29	0.15	0.12	<0.01	0.012	1.00	11.8	31.5	0.82	236	0.28
E5566628 (5980937)		0.70	300	3.41	7.14	0.16	0.16	<0.01	0.019	0.17	9.7	8.8	0.76	400	0.47
E5566629 (5980938)		1.11	208	5.03	11.2	0.19	0.10	<0.01	0.026	0.34	11.9	26.8	1.30	480	0.80
E5566631 (5980939)		1.12	47.6	3.77	4.87	0.14	0.19	<0.01	0.030	0.41	33.1	11.2	0.58	144	0.60
E5566646 (5980940)		2.80	135	5.93	7.87	0.20	0.17	<0.01	0.026	0.19	7.9	2.6	0.45	364	4.05
E5566652 (5980941)		0.25	40.8	3.00	2.08	0.15	0.05	<0.01	<0.005	0.04	0.6	1.0	0.10	100	0.59
E5566653 (5980942)		3.20	74.2	1.87	7.39	0.15	0.12	<0.01	0.016	0.24	19.8	39.3	0.58	363	2.26
E5548164 (5980943)		2.68	239	6.17	11.1	0.18	0.07	0.01	0.041	0.25	1.3	13.6	0.48	343	1.19
E5548165 (5980944)		0.92	395	4.55	5.12	0.14	0.04	<0.01	0.031	0.15	3.4	28.1	1.10	375	0.40

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 14T905965

PROJECT: OCT 22, 2014 #2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 23, 2014

DATE RECEIVED: Oct 23, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5566619 (5980935)		0.13	0.17	60.8	455	4.6	7.4	0.001	0.606	<0.05	5.8	0.5	0.4	34.1	<0.01
E5566626 (5980936)		0.07	0.37	25.2	724	1.6	52.7	<0.001	0.009	<0.05	10.2	<0.2	0.2	7.8	<0.01
E5566628 (5980937)		0.11	0.79	7.6	906	3.4	7.7	0.002	0.243	<0.05	7.4	1.3	0.4	22.4	<0.01
E5566629 (5980938)		0.15	0.40	63.8	1020	8.1	15.6	0.003	0.946	<0.05	7.8	1.3	0.3	35.0	<0.01
E5566631 (5980939)		0.04	0.28	4.5	759	9.4	17.8	<0.001	0.343	<0.05	3.7	0.3	0.2	22.7	<0.01
E5566646 (5980940)		0.13	0.88	2.1	1620	3.0	13.6	0.003	1.10	<0.05	11.1	2.7	0.9	28.3	<0.01
E5566652 (5980941)		0.02	0.23	49.3	204	32.1	2.5	0.002	1.34	0.08	2.0	1.0	0.3	6.3	<0.01
E5566653 (5980942)		0.06	0.20	27.6	824	2.5	20.4	0.002	0.526	<0.05	2.8	0.6	0.3	61.1	<0.01
E5548164 (5980943)		0.13	0.12	57.4	335	2090	20.7	0.003	1.98	0.20	9.2	2.2	0.3	57.1	<0.01
E5548165 (5980944)		0.03	0.07	93.2	223	9.3	9.7	0.002	1.86	<0.05	7.1	1.6	1.1	12.6	<0.01
Sample ID (AGAT ID)	Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr				
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
	RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5				
E5566619 (5980935)		0.09	0.5	0.172	0.05	0.10	65.9	0.06	5.49	34.7	2.7				
E5566626 (5980936)		0.11	1.8	0.237	0.17	0.13	105	0.12	4.84	12.0	5.6				
E5566628 (5980937)		0.14	1.8	0.385	0.04	0.20	111	0.77	8.84	22.3	4.3				
E5566629 (5980938)		0.15	1.3	0.249	0.09	0.22	151	0.24	10.8	52.8	3.4				
E5566631 (5980939)		0.10	2.0	0.075	0.23	0.21	46.3	0.06	1.84	41.1	7.9				
E5566646 (5980940)		0.23	1.0	0.241	0.05	0.08	36.0	0.15	18.9	13.9	2.7				
E5566652 (5980941)		0.16	<0.1	0.061	0.01	<0.05	22.8	5.52	1.93	50.7	0.7				
E5566653 (5980942)		0.08	2.4	0.095	0.18	0.39	36.0	0.36	4.11	111	4.2				
E5548164 (5980943)		1.13	0.2	0.148	0.21	<0.05	104	6.63	4.37	2530	1.2				
E5548165 (5980944)		0.57	0.5	0.111	0.07	0.06	89.1	0.43	3.79	209	0.9				

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5980942	0.16	0.10															
Al	5980942	2.25	2.25	0.0%														
As	5980942	1.2	0.8															
Au	5980942	< 0.005	< 0.005	0.0%														
B	5980942	< 5	< 5	0.0%														
Ba	5980942	44	43	2.3%														
Be	5980942	0.45	0.46	2.2%														
Bi	5980942	0.246	0.241	2.1%														
Ca	5980942	2.26	2.20	2.7%														
Cd	5980942	0.38	0.38	0.0%														
Ce	5980942	44.1	43.6	1.1%														
Co	5980942	14.3	14.2	0.7%														
Cr	5980942	40.3	39.0	3.3%														
Cs	5980942	3.20	3.25	1.6%														
Cu	5980942	74.2	75.5	1.7%														
Fe	5980942	1.87	1.87	0.0%														
Ga	5980942	7.39	7.34	0.7%														
Ge	5980942	0.15	0.14	6.9%														
Hf	5980942	0.12	0.12	0.0%														
Hg	5980942	< 0.01	< 0.01	0.0%														
In	5980942	0.0159	0.0152	4.5%														
K	5980942	0.24	0.24	0.0%														
La	5980942	19.8	19.7	0.5%														
Li	5980942	39.3	38.9	1.0%														
Mg	5980942	0.58	0.58	0.0%														
Mn	5980942	363	357	1.7%														
Mo	5980942	2.26	2.42	6.8%														
Na	5980942	0.06	0.06	0.0%														
Nb	5980942	0.20	0.19	5.1%														
Ni	5980942	27.6	26.7	3.3%														
P	5980942	824	798	3.2%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

Pb	5980942	2.51	2.45	2.4%														
Rb	5980942	20.4	20.3	0.5%														
Re	5980942	0.002	0.002	0.0%														
S	5980942	0.526	0.520	1.1%														
Sb	5980942	< 0.05	< 0.05	0.0%														
Sc	5980942	2.8	2.8	0.0%														
Se	5980942	0.6	0.6	0.0%														
Sn	5980942	0.3	0.3	0.0%														
Sr	5980942	61.1	61.0	0.2%														
Ta	5980942	< 0.01	< 0.01	0.0%														
Te	5980942	0.08	0.08	0.0%														
Th	5980942	2.4	2.4	0.0%														
Ti	5980942	0.0946	0.0941	0.5%														
Tl	5980942	0.18	0.18	0.0%														
U	5980942	0.39	0.39	0.0%														
V	5980942	36.0	35.1	2.5%														
W	5980942	0.36	0.26															
Y	5980942	4.11	4.07	1.0%														
Zn	5980942	111	110	0.9%														
Zr	5980942	4.22	4.31	2.1%														



CLIENT NAME: HARTE GOLD CORPORATION

ATTENTION TO: BOB MIDDLETON

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	180	182	101%	90% - 110%	180	182	101%	90% - 110%								
Cu	3494	3348	96%	90% - 110%	3494	3278	94%	90% - 110%								
Ni	2985	2712	91%	90% - 110%	2985	2680	90%	90% - 110%								

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION
 PROJECT: OCT 22, 2014 #2
 SAMPLING SITE:

AGAT WORK ORDER: 14T905965
 ATTENTION TO: BOB MIDDLETON
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T905965

PROJECT: OCT 22, 2014 #2

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HARTE GOLD CORPORATION

AGAT WORK ORDER: 14T905959

PROJECT: OCT 22, 2014 # 1

ATTENTION TO: BOB MIDDLETON

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Al ₂ O ₃	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr ₂ O ₃	MIN-200-12027		XRF
Fe ₂ O ₃	MIN-200-12027		XRF
K ₂ O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION

APPENDIX D

Shegelski, R. (2014) structural geology report

DEPOSTIONAL HISTORY, STRUCTURAL GEOLOGY

AND TIMING OF GOLD MINERALIZATION

OF THE SUGAR ZONE GOLD PROPERTY,

DAYOHESSARAH LAKE AREA,

WHITE RIVER, ONTARIO

By

R. J. SHEGELSKI, Ph.D.

September, 2014

For Harte Gold Corporation

**DEPOSITIONAL HISTORY, STRUCTURAL GEOLOGY AND
TIMING OF GOLD MINERALIZATION OF THE SUGAR ZONE
GOLD PROPERTY, DAYOHESSARAH LAKE AREA,
WHITE RIVER, ONTARIO**

By R. J. Shegelksi, Ph.D.

September, 2014

For Harte Gold Corporation

EXECUTIVE SUMMARY

The Sugar Zone gold property of Harte Gold Corporation lies within the Archean Dayohessarah greenstone belt 25 km northeast of White River, Ontario. The Dayo greenstone belt is part of the Schreiber-White River belt which also hosts the gold deposits of the Hemlo Belt 50 km to the west.

Investigation of structural geology at washed trenches and the study of diamond drill core intersections were conducted between September 3 and September 10, 2014. These investigations provided data for this report, which also includes collected structural, stratigraphic and mineralogical data. Research into previous exploration activities and previous Ontario Geological Survey mapping in the area, were combined to provide the following conclusions (refer to Table I).

1. Mantle Tapping

Deep-seated fractures tapped mantle sources to bring up Komatiitic lavas, (Event 2.), gold-bearing solutions, (Event 8.) and a late explosive gabbroic – to ultramafic diatreme system (event 11.) into the Dayohessarah Greenstone Belt. This demonstrates prolonged, deep-seated extensional faulting and is conducive to gold mineralization.

2. Regional foliations and S fabric

Apparent elongation to pillows in horizontal exposures combined with foliation define NW –S E strikes of 155 to 160 degrees and 67 to 69 degree dips to the southwest.

3. Gold bearing Ductile Shears

Micaceous ductile shears develop at sites of ductility contrast and display average orientations of 145 degrees strike and 63 to 69 degree dips to the southwest.

4. Barren Ductile Shears

Chloritic barren shears develop within basaltic rocks, usually at internal ductility contrasts in basalt flows. Barren sulfides locally accompany shears and form IP targets.

5. Feldspar Porphyry Intrusions (FP)

FP intrude basalts and locally sit parallel to basalt regional foliation of 155 to 166 degrees and 67 to 69 degrees dip southwest. Some FP contain silicification margins and gold-rich ductile shears and may be heat engines and permeable shear generators for gold deposition.

6. Penetrative Stretching Lineation

Penetrative fabric is a stretching lineation averaging 209 to 250 degrees in trend (compass direction on surface) and 52 to 71 degrees in plunge (degrees inclination from the horizontal) to the southwest.

7. Sugar Gold Zone

Sugar zone is 3500 metres in length with an indicated gold resource of 980,900 tonnes grading 10.13 g/t and inferred resource of 580,500 tonnes grading 8.36 g/t.

The zone is a quartz-rich, anastomosing micaceous ductile shear with sugary lenticles of quartz containing visible gold and gold-rich sulfides.

Sugar zone is mostly composed of a paired-ductile shear system which varies in regional strike and may have experienced sinistral shearing to form the higher-grade regions of the deposit.

Penetrative linear fabrics trend 209 to 239 degrees and plunge 60 to 52 degrees southwest. Higher grade gold zones may follow this trend down plunge.

(ii)

8. Wolf Zone

Wolf Zone is a quartz-poor, biotitic ductile shear with local kinks and varies from 133 to 143 degrees in regional strike. Wolf Zone has been traced by diamond drilling for 2,100 metres. Penetrative stretching lineations vary from 230 to 250 degrees in trend and plunge 64 to 71 degrees to the southwest. Regional average lineations in this area (from government mapping) trend 240 degrees and plunge 64 degrees to the southwest.

Wolf Zone consists of more than one ductile shear based upon recent diamond drill intersections. Exploration is ongoing to discover the spatial relationships between Wolf Zone, and the Middle Zone and Sugar Zone to the southeast.

9. Gabbro/Diatreme Intrusion

An apparently late diatreme breccia observed in the field and in drill core indicates late, deep-seated, fracturing. Spatial association of this breccia to the Wolf Zone has been noted by the exploration geologists. Timing relative to gold mineralization would be useful in understanding the use of this intrusion as a gold exploration tool.

10. Late Structures, Jointing and Interference Folding

Late jointing and cross-folding at small scale have been observed. The relatively small displacements of these late features suggest that they will not significantly offset the gold-bearing ductile shears. Their presence should be kept in mind in case their importance changes with further exploration.

(iii)

DEPOSITIONAL HISTORY, STRUCTURAL GEOLOGY AND TIMING OF GOLD MINERALIZATION OF THE SUGAR ZONE GOLD PROPERTY, DAYOHESSARAH LAKE AREA, WHITE RIVER, ONTARIO

Objectives

The author visited the Harte Gold Corporation White River property between September 3rd and September 10th, 2014, to determine the structural setting of the Wolf and Sugar Gold Zones.

Detailed mapping of washed trenches was performed to add insight into the possible controls on higher grade gold mineralization and to help predict the 3 dimensional distribution of gold mineralization.

Data Collected

Mapping of trenches combined with scattered structural measurement throughout the property were combined with an extraction of eight lineation measurements of Stott (1996) for the Wolf Gold Zone Area and seven in the Sugar Zone Area. Results of Stott's structural synthesis (Stott, 1999) and a structural study of the Sugar Gold Zone by Zhang (1998) were used to augment the author's structural data (Table II).

A total of 21 diamond drill holes were reviewed the majority in the Wolf Zone. Drill holes in the northwest area (Northwest DZ-14-04 trench) N = 2; the Sugar Gold Zone N = 3 and the Wolf Gold Zone N = 17 familiarized the author with the gold systems. Most of the study concentrated on the Wolf Zone which is the present area of intense exploration.

Structural data, where found to form a coherent domain and reasonable trend, was reduced (averaged) to regional strike and dip or regional trend and plunge for lineations. Stereograms were not plotted from the structural data collected by the author because they do not form a statistically valid population given the limited field time to collect such data. Stereogram plots by Stott (1999) are discussed and appropriately incorporated in the discussion of structure. Ten large rock slabs of the angular Peacock boulders and ore of Sugar Gold Zone were

examined. The Sugar Zone was also visited and mapped by the author (see SUGAR GOLD ZONE TRENCH – Appendix).

Other pertinent information, such as Ontario Geological Survey reports and previous exploration activities reports on the property, were read and are included in the references.

INTRODUCTION

Regional Geology

The Dayohessarah Greenstone Belt (Dayo Belt) is part of the Schreiber – White River Belt of the Wawa Subprovince (Fenwick, 1967; Hunt, 2009)

Highly deformed basaltic flow units with gabbroic bases and pillowed tops form the earliest supracrustals (Event 1.) Table I) in the Dayo Belt and are in direct contact with remobilized basement and the intrusive Strickland Pluton. Pillow shapes face away (to SW) from the Strickland and Pluton Boundary and have not been structurally overturned on Harte Gold property.

Pillow basalts are overlain by extrusive ultramafic (UM) Komatiite flows and associated overlying Gabbros (Gb) generated during an early mantle-tapping event (E1) Event 2.) of Table I. Polat et al. (1998), infer that these komatiites may represent an accreted oceanic plateau. Ken Fenwick established in 1964 fieldwork that felsic calc-alkalic volcanics (Event 3.) and turbidites, generated by exhumation of these volcanics during a D1, D2 event, are overlying the basal pillow basalts and define a regional synclinorium centred on Dayohessarah Lake (see Figure 1 from Stott, 1999).

Stott (1999) established that the ultramafic flows young towards the metasediments (Event 4.) and that the metasedimentary turbidites also contain graded bedding which defines the synclinorium of Figure 1.

Basement uplift as a D3 event (Stott's D1 of Stott, 1999) following turbidite deposition would produce broad open folding, start to elongate pillow basalts and generate an early and planar axial cleavage to open folds (event 5.) of Table I).

TABLE I

Depositional and Tectonic Events, Dayohessarah Lake / Area

11.) Diatreme/Gabbro intrusion, (Kenoran?)

late tapping of gaseous mantle rock D6

10.) Late pegmatites and aplitic felsites emplaced, crosscutting joints

extension E3

9.) Final forceful emplacement of Strickland Pluton, deformation related to its margin

Gold veins sheared and reopened, wavy foliation develops

8.) Gold-Quartz-Biotite veins and fractures

deep mantle tapping, fractures E2

7.) Feldspar Porphyry (Stott's felsite) intrude and locally crosscut pillow basalt fabric

major intrusion E2

6.) Intrusion of Strickland Pluton starts, generate small scale isoclinal folding

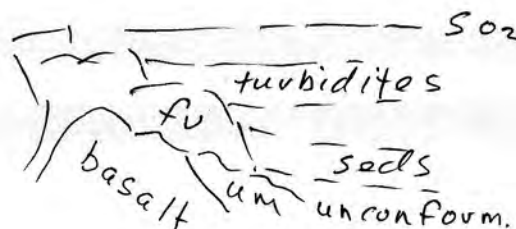
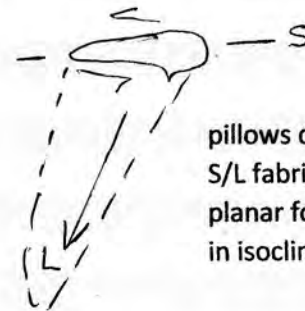
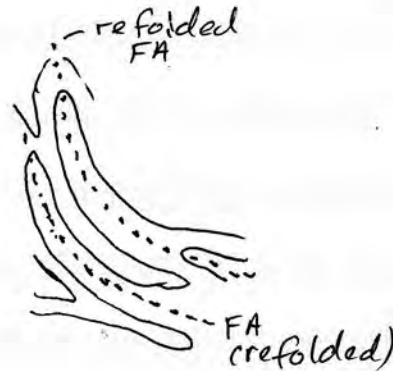
pillows develop S/L fabric, planar fold axes in isoclinal folds D4

5.) basement uplift, start infolding

early syncline with open folds (Stott's D1) (start elongating pillows) D3

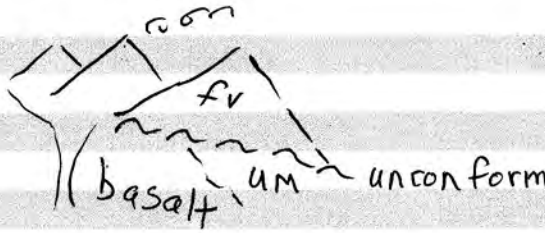
4.) strato volcano exhumation turbidite deposition

uplift, tilting D2



3.) calc-alkalic volcanism

strato volcanoes



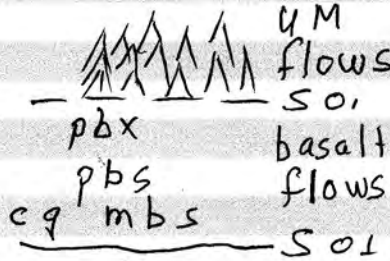
erosional unconformity
at top of ultramafic sequence

uplift, tilting? D1

2.) ultramafic spinifex flows
and gabbro tops

mantle rifting E1

1.) Dayo basaltic flow
units deposited, mainly
pillow basalts



rift and shield
volcanism

Detailed structural mapping of nine trenched areas (Plan Maps of appendix) combined with scattered measurements between trenches and covering most

areas of the property (106 measurements – Table II in Appendix) were used as a basis for reconstructing the structural history presented in Table I.

Early depositional history outlined above is based upon government reports and first principles of depositional sequence in Archean terrains. Thus, late depositional history is outlined from crosscutting relationships and complex faulting and folding seen in the nine trenches plan maps (Appendix).

Detailed examination of surface outcrops and diamond drill core reveal small scale folds which have developed isoclinal folding, which has then been warped into interference structures resembling flattened egg cartons. This complex structure is reconstructed as the following events. (Table I)

Continuing to Event 6., prolonged intrusion and infolding would generate tight isoclinal folds from previous open folds. Axial planes to isoclinal folding presumably generates planar axial planes in the Harte Gold Property and would have also contained elongation of pillow basalts into what is now a subvertical position. Thus, pillows which Zhang (1998) documented as primarily lineated in the subvertical (L fabric) with apparent elongations in a SW strike direction (strike 129 to 160 degrees, N = 6) would have formed at this time. This is deformation event D4.

The approaching completion of intrusion of the Strickland Pluton caused extension (E2) of the supracrustals (pillow basalts in the Harte Gold Property) and intrusion of both porphyritic and aphanitic, beige felsic dykes and sills which are herein collectively called Feldspar Porphyry (FP) as Event 7. (and E2). These units are called “felsite” by Greg Stott in his 1999 report. That term is used in this report for a later intrusive event. The feldspar porphyries in stripped trenches crosscut all the structural fabrics of the pillow basalts and most lie subparallel to regional foliations. Locally, the FP is bordered by biotitic (sericitic) ductile shears which host sulfides, quartz, and gold mineralization but some of these porphyries are themselves sheared (especially if thin and fine grained) and locally are cut by ductile shears (as at Wolf Trench). Furthermore, FP has locally been disrupted as

at West of Wolf and Line 13800 trenches (Appendix) indicating deformation after FP emplacement.

The generation of ductile , gold-rich shears as Event 8. Was likely a deep tapping fracture system (mantle ?) as in most other Archean gold camps. It was likely closely followed by the late gentle flexure of axial surfaces to isoclinal folds at Event 9 and D5. Gold deposition at Hemlo is dated from molybdenite at 2665 Ma by Stein et al. (2000). Molybdenite at Wolf Zone could be dated and compared.

At this point , the initial gold bearing fractures and their alteration haloes were deformed into ductile shear zones with wavy foliation surfaces (D5).

In most trenches mapped in detail there are late , light colored , Felsite dykes as thin intrusions and these are usually planar (Event 10.). Quartz and pegmatite veins are locally associated with the felsites. Felsites normally crosscut FP and show minor offset of the FP sills. At Sugar Zone , however . the felsite is highly disrupted (see Sugar Zone trench in Appendix) , indicating structural readjustment along Sugar Zone following felsite intrusion.

This late cross faulting (D6) may be associated with a final deep mantle tapping event (E3) which produced the previously mentioned cross faults , the disruption of FP and allowed explosive intrusion of a gabbroic/ultramafic breccia as Event 11. An excellent example of diatreme is exposed approximately 60 metres SSW of LINE 13800 TRENCH and consists of medium – grained (4-2 mm) , equigranular grey fresh crystalline gabbro enclosing and cutting at least eight different rock types including talc-ultramafic clasts. This diatreme encloses large blocks of pillow-elongated basalts which it cuts sharply at up to 70 degree angles. Some fragments in the diatreme are exotic and this explosive intrusion may be related to the continent-scale collision of the 2500 Ma Kenoran Orogeny. The Dayo greenstone , wrapped on the edge of the Strickland Pluton and partially enclosed by gneissic basement was protected from major north-south horizontal compression which commonly accompanies Kenoran collision and allowed good preservation of D6 , E3.

This diatreme breccia has been noted with spatial relation to the Wolf Gold Zone (Bob Middleton , pers comm.2014) , and has been observed as fresh gabbro with rounded inclusions of talc-soapstone with reaction rims as in the hanging wall rocks of WZ-10-18 and WZ-10-20. The importance of this spatial relationship

has yet to be established. Diatreme breccias may be exploiting previous weaknesses which brought in the earlier gold mineralization.

Gold Mineralization

a) Characteristics

Gold mineralization occurs primarily hosted in basalts on the east limb of the Dayohessarah synclinorium (Figure 1.) as generally NW-SE striking ductile shear zones. The host pillow basalts were deformed prior to ductile shearing and ductile shears slightly crosscut basalt structures and form SW dipping wavy schists. These ductile shears are commonly mica-rich and located at contacts between intrusive felsic porphyry (FP) and metabasalt hosts (e.g. Wolf Zone Trench). Shearing , which may be biotite or sericite – rich has also been observed in chloritic schists within basalt flows concentrated at the transition from gabbroic flow bases to pillowed flows (e.g. Peacock Trench). Both types of shears have formed because of high ductility contrasts and both can contain disseminated sulfides. Sulfidic shears of either type may host gold and should be sampled for assay.

Local geophysical surveys especially IP and resultant contouring of conductivity highs have been used as regional guidelines to explore for sulfidic shears which might be gold bearing. The author reviewed the geophysical maps of conductivity and total magnetic intensity and, where possible, reviewed the results of the IP survey where anomalies were trenched and crushed at surface and/or intersected with drilling.

b) Causes of IP Anomalies

1. Gold Mineralization

Gold Zones contain significant (1 – 4%) quantities of pyrite and/or pyrrhotite plus micaceous ductile shearing to provide detectable IP targets. Comparison of sulfide content and gold values indicates that

Figure 1 Geology PLAN

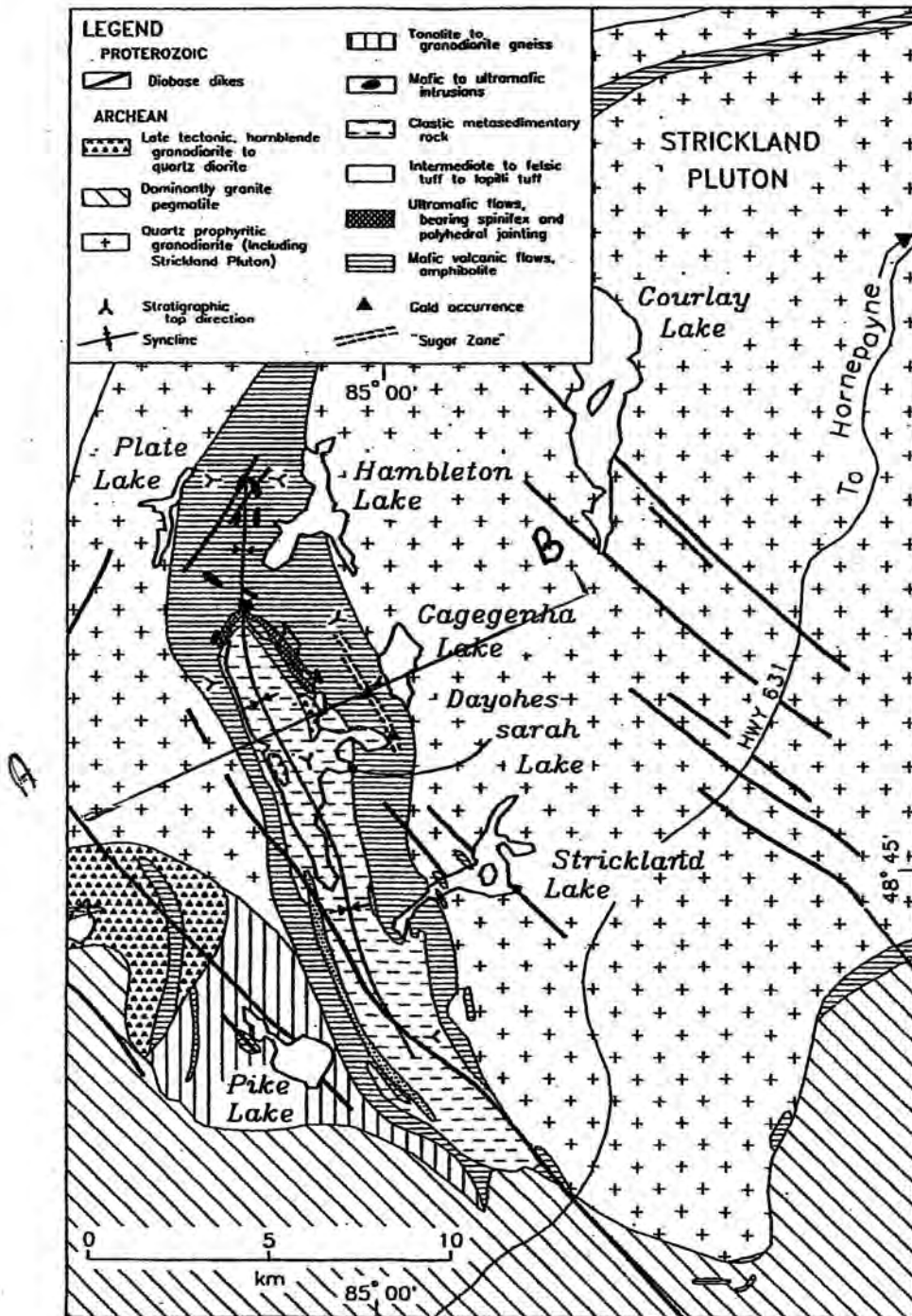


Fig. 1. General geology of the Dayohessarah Lake greenstone belt (from Stott et al., 1994), showing the regional setting and location of the Sugar Zone.

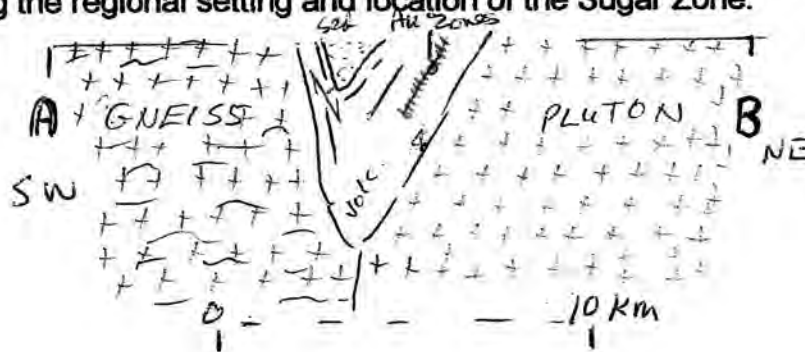


Figure 2
from
Stott, 1999

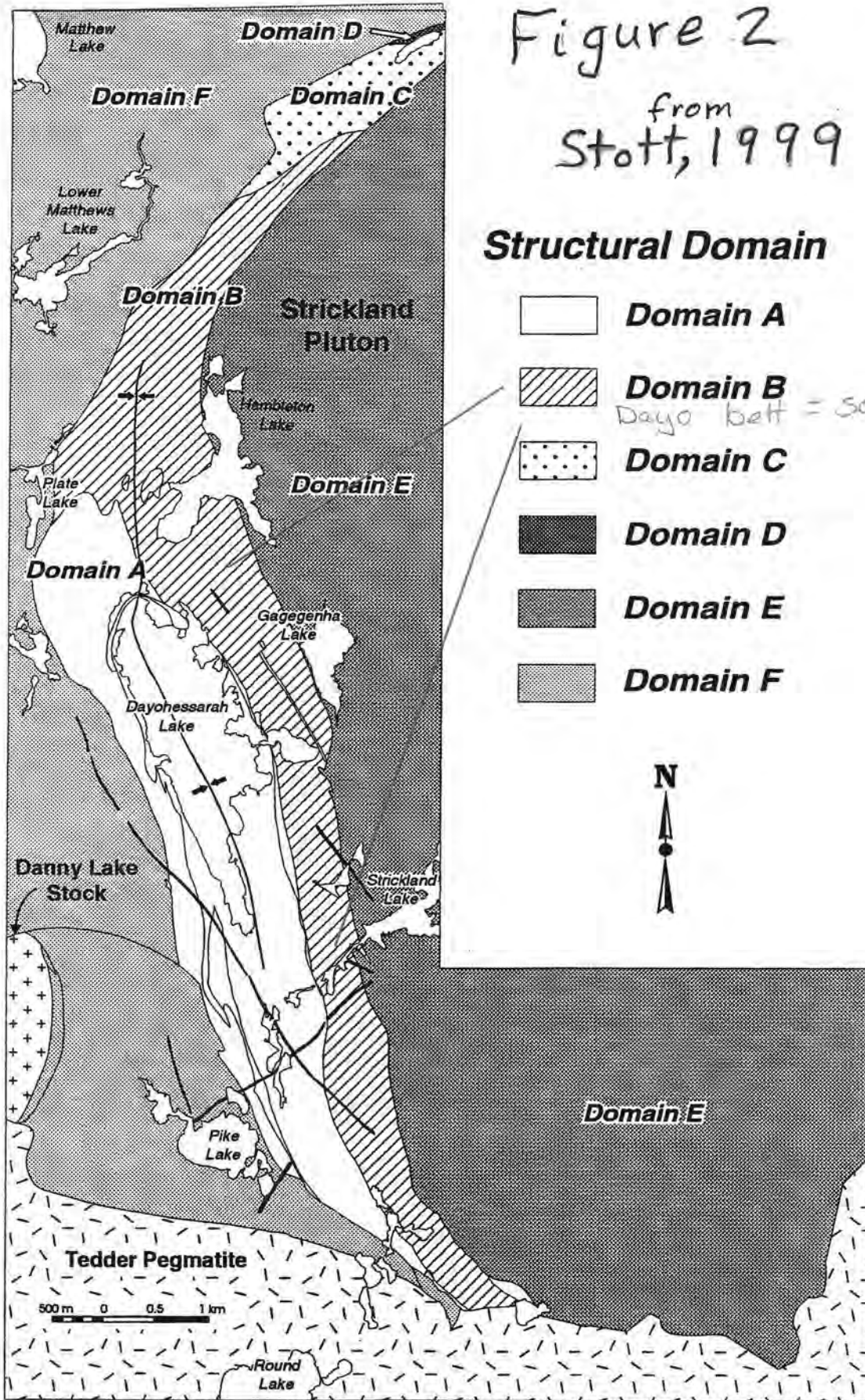


Figure 1. Map of the structural domains in the Dayohessarah lake region.

there is some correlation with higher sulfide content and better gold values. This is encouraging.

2. Pitfalls

There are layers of strata rich in sulfides such as sulfide iron formations and barren sulfides which were deposited within the pillow basalt flows as stratabound disseminations, clots and even massive layers that are red herrings and will produce many of the stronger anomalies in the IP survey.

There are local thin but relatively closely spaced sulfidic shears that combine (especially in topographic highs where overburden is thin) to produce relatively wide IP anomalies (e.g. Fat Albert area). (See Fat Albert 3rd Trench.)

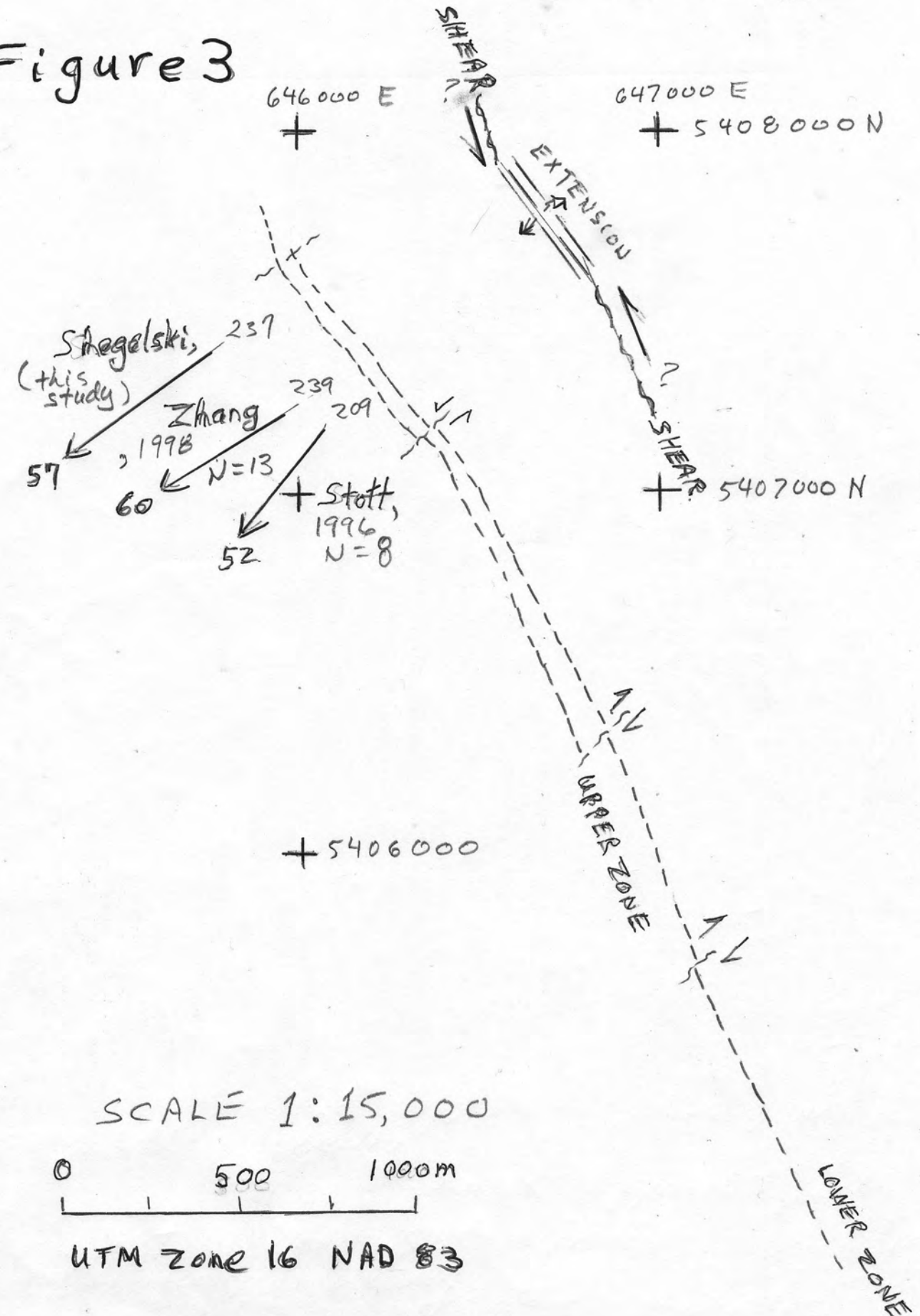
These pitfall anomalies have to be investigated by surface sampling/trenching and shallow drilling in order to weed them out. Stratabound pillow basalt zones might have subtle differences in strike from the gold bearing ductile shears, but only detailed geology will help to discriminate and eliminate the barren zones.

The Sugar Gold Zone

The Sugar Gold Zone is composed of two subparallel ductile shears hosted in pillow basalts (Hunt, 2009). The hanging wall or lower zone lies northeast of the upper zone and is approximately 3,150 metres long. The foot wall or upper zone is 1950 metres long and combined strike length of Sugar Zone is 3,500 metres (see Figure3.). Hunt (2009) reports that the gold zone consists of severely strained , parallel mineralized quartz lenses , generally flooding Felsic Porphyry (FP) lenses and sills which parallel stratigraphy and foliation. This does appear to be the case at the surface showing (see SUGAR ZONE trench plan – Appendix) , but elsewhere the author has seen FP cutting across basalt foliations and apparent elongations of pillows. Alterations include albitization , biotite growth (K-alteration) , weak carbonitization as late calcite and variable silicification , generally related to the FP margins. Sugar Gold Zone contains large volumes of quartz , sulfides disseminated in both the ductile shear and inside the quartz . It

SUGAR GOLD ZONE

Figure 3



also has a relatively high frequency of visible gold nubs within the quartz and along grey quartz lens margins as well as 12 occurring along thin fractures. Common sulfide minerals include : pyrrhotite and pyrite but minor components linked with the higher-grade gold zones include : galena , sphalerite , arsenopyrite and molybdenite (Hunt,2009). Chalcopyrite and pyrite do not appear to be directly related to gold tenor.

Surface exposures show pinch and swell of quartz with apparent pull apart in NW – SE directions. Ductile shearing is wavy and generates a southeast plunging variable intersection lineation but penetrative stretching and mineral elongation lineations all trend to the southwest (209 to 239 degrees) and plunge 52 to 60 degrees. This latter lineation (see figure 3) is likely to affect the rake of gold mineralization within the Sugar Gold Zone. The sugary texture of quartz within this deposit testifies to the deformation of the zone during and following emplacement. The large scale shift in strike of the ductile shear zones from southeast (strikes 153, 158, 155, 161 degrees to northwest (strikes 145, 147), suggest a major kink in the ductile shear system and may represent a flattened “s” shape and would explain the development of double ductile shear zones and better gold values in the northern half of the zone where extension and dilation would develop. This would work best if there is rejoined sinistral shear along the Sugar Gold Zone. Sinistral shear has been observed in northwest D2-14-04 Trench in the northwest corner of the property. At least 953,600 tonnes at 9,933 g/t have been outlined by detailed drilling (Hunt, 2009).

Structural Synthesis of Sugar Zone Property

A total of 107 structural measurements were made in 3 days (Table II) mapping 9 trenches and scattered outcrops on the property. In addition, measurements made by Zhang (1998) and Stott (1999) are incorporated in the discussion. Structural data collected by the author is presented in Table II.

Host Pillow basalts – Regional Foliation

Basalts are lineated but appear to be flattened on horizontal exposures. This is an apparent elongation and has commonly been measured as a foliation direction by previous workers. Zhang (1998) documented pillow elongations which are evident as pillows stretched and plunging to the SW from 57 to 63

degrees where measured by myself. Apparent elongations are evident in the Peacock Trench (Appendix) but a substantial vertical exposure in pillow basalts is necessary to view pillow stretching. Planar fractures are also locally observed and are good foliations of chloritic schist. These foliations average strike of 155 degrees and dip of 69 degrees SW in the region. Most of these foliations are barren chlorite schists within chloritic pillow basalts. Mineralized ductile shears will be discussed separately. Stott (1999) provides a regional foliation on stereogram for the south half of Dancini B (which covers the property) as striking 166 degrees and dipping 68 degrees southwest.

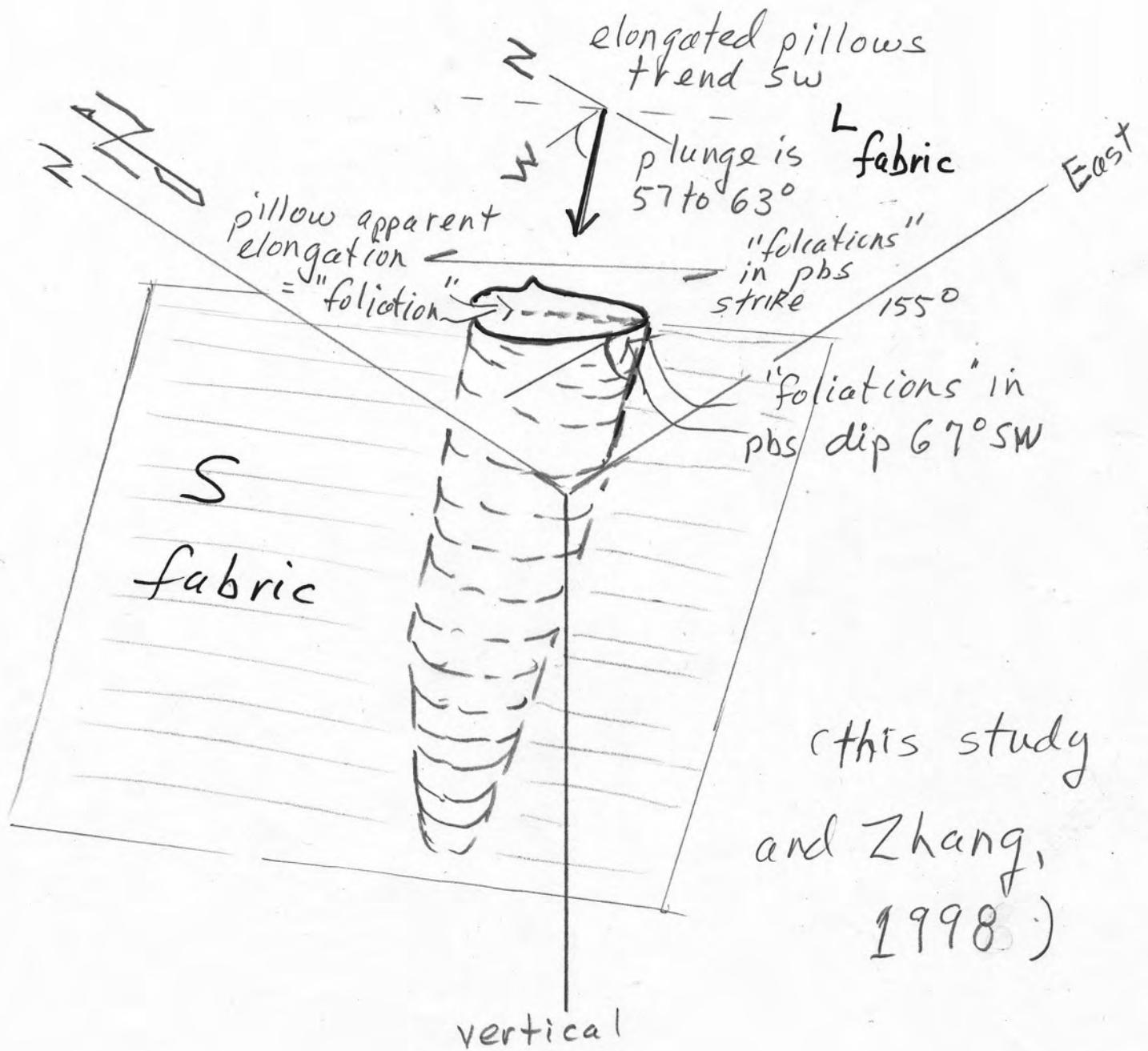
Feldspar Porphyry Contacts

Feldspar porphyries (Stott's felsite) occur throughout the property. Some are feldspar porphyritic, others fine-grained beige intrusions. Some form intrusions conformable with the foliated pillow basalts as at Sugar Zone Trench and 13425 Trench (eight parallel intrusions), see Appendix. In other areas the Feldspar porphyries are disrupted as at Line 13800 Trench and may be crosscut by late felsites. Wolf Trench contains a FP which crosscuts pillow basalt elongation/foliation and the FP are therefore interpreted to be intrusive into the post pillow basalt foliation. Some significant deformation after FP emplacement had to occur to shear thin sills, crosscut others and locally disrupt porphyry into the distorted orb-seared(?) in Line 13800 Trench. Silicification observed in drill core at porphyry margins may have accompanied intrusion. Because of ductile shear overprinting, the timing of silicification is not clear.

Feldspar porphyries provide an important ductility contrast during the shearing which introduced gold mineralization but statements that they are concentrated near gold-rich ductile shears appear to be unfounded. The author observed several areas in the property where feldspar porphyries cut pillow basalts but their margins were unsheared and unmineralized. It is possible that inherent weaknesses in the crust would have promoted more FP intrusion in areas where these earlier fractures would then be reactivated during gold mineralization.

Ductile Shear Zones

Figure 4 Pillow Basalt S/L Fabric



Ductile shear zones are herein described as areas of increased growth of micas through rock alteration and the development of wavy, anastomosing foliation planes. Brittle bodies in these zones exhibit apparent flattening in horizontal exposures (e.g. Sugar Zone quartz lenses, NW D2-14-04 trench) usually with a sinistral sense of shear) and wavy but generally elongated fabrics down dip of apparent elongation and down plunge of lineated rock bodies.

General strikes (N = 15) are 145 degrees, general dips are 63 degrees SW (N = 17). As previously discussed, Sugar Zone contains ductile shears that are kinked varying in regional strike from 145 to 158 degrees SW. Sugar Zone also has paired ductile shears for at least 50% of its length.

Ductile shears in the Wolf Zone contain high biotite and low quartz content. They are sometimes foliated (S-fabric) as at D214-04 Trench which is close to the Strickland Pluton margin. Most intersections in the Wolf Zone show “apparent flattening” textures and locally contain small scale refolded isoclinal folds. The ductile shears exposed in the Wolf Trench are part of an internal kink as they strike 04, dip 65 W and strike 170, dip 71 W and locally cut across the FP (detailed discussion after describing lineations).

Lineations

Lineations are generated by a) intersection of foliation planes, b) elongations of pillow basalts, c) fold axes of minor folds where the trace of the axial surface intersects the apex of the minor fold and d) as a stretching of a previous shape into a lineated entity (stretching lineation).

On the property eight intersection lineations were measured, four pillow elongations were taken, five fold axes were measured and five stretching mineral lineations in intrusions were taken (4 FP and 1 Gabbro). A vesicle stretching lineation was also recorded at the Fat Albert Trench.

Only lineation types c) and d) were used to define penetrative fabrics because many intersection lineations were developed but gave erratic directions and pillow elongations are considered less reliable because of the inherent variable shapes of initial pillows and also their very complex deformation history being the first supracrustals deposited in the stratigraphy (Table I).

Resultant general trends were therefore derived from twelve measurements of the c) and d) lineation types giving a general trend of 241 degrees SW and plunge average of 67 degrees from horizontal. This trend compares well with regional trends (Stott 1999) (see Figure 5). The Wolf area trend is 230, plunge averages 64 degrees SW (variation 57 – 82) and the Sugar Zone trend is 209, plunge variation 52 degrees SW (variation 25 to 60). A review of Domain B (see Figure 2) stereograms for the south half of domain B supplies an average trend from mineral and shape lineations of 240 degrees trend, and 64 degrees plunge SW. (see Figure 5).

These trends provide an envelope of stretching lineations which should be expected in the gold bearing ductile shears provided that the bulk of stretching occurred following emplacement of the original gold-rich systems.

Wolf Gold Zone

At least sixteen diamond drill holes were examined in the Wolf Zone and intersections of ductile shears were compared with the slabs of Peacock Boulders. In my opinion the Peacock Boulders are so similar to the Wolf Zone intersections that they have come from the areas intersected or some nearby subparallel system.

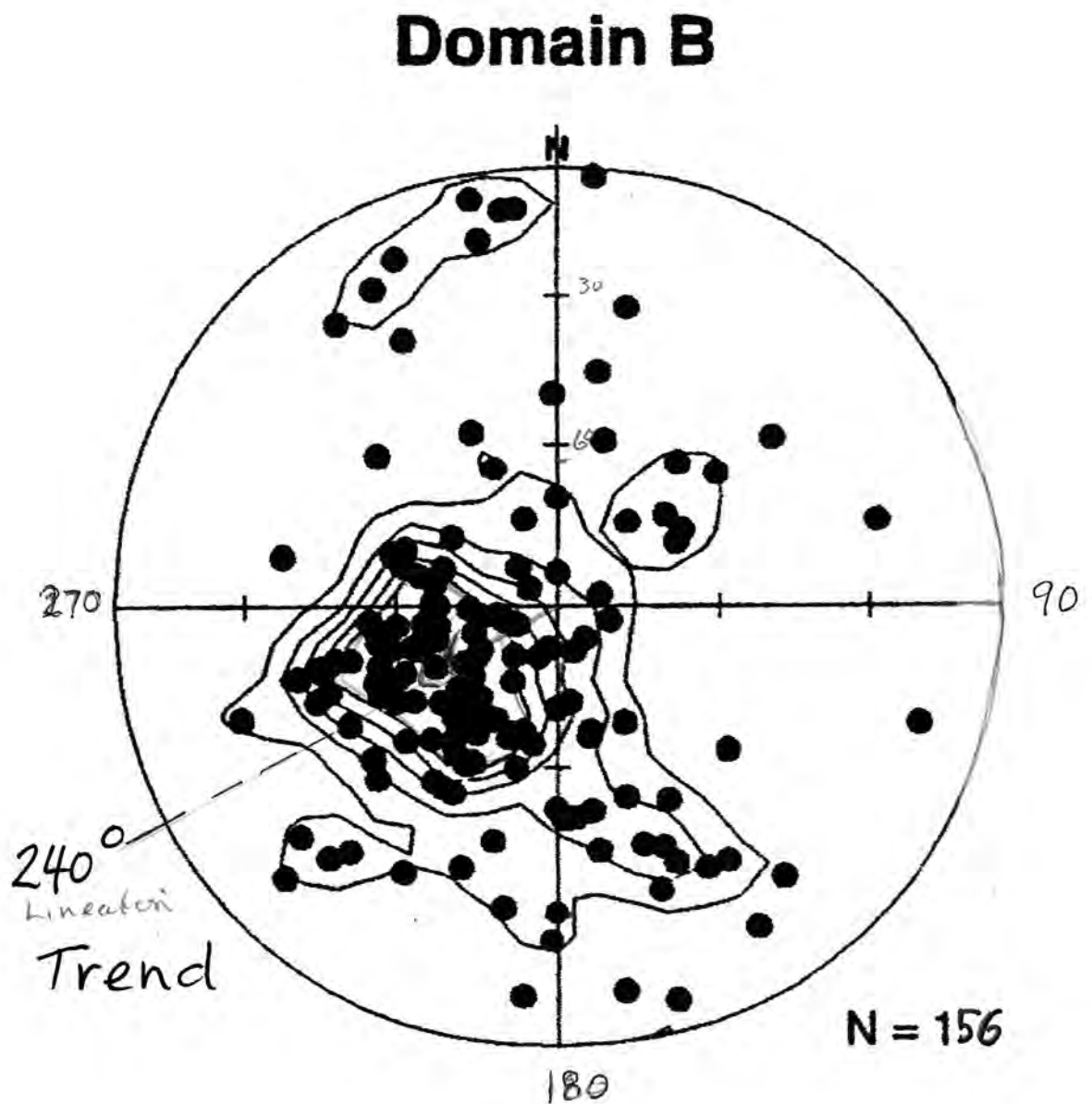
The major alteration which affects the pillow basalt host rocks and is commonly developed along FP margins is biotite rich schists where the biotite is fine-grained and imparts a purple-brown colour. Vectors to gold indicate introduction of biotite (K, F added in), introduction of quartz (silica) introduction of iron and/or sulfur as iron sulfides (mainly pyrrhotite and pyrite and minor chalcopyrite) and the presence of accessory tourmaline (B added in) and apple-green actinolite – tremolite, and diopside.

Minor components include arsenopyrite (e.g. DZ-14-32) (As added in) and rare molybdenite (Mo added in).

Sulfide mineralization as disseminations and blebs is incorporated into foliation planes and helps define minor folding. Sulfides have therefore been

Figure 5 Lineations
(south half, Domain B)

Mineral and Shape



(from Stott, 1999)

deformed after emplacement in the ductile shears so that gold emplacement is not the last deformation event.

Also, nubs of native gold, besides being distributed within quartz veins and lenses are more commonly found at the margins of light-grey quartz lenticles suggesting post D5 deformation and possibly the D6 deformation Event (Kenoran Orogeny?).

Hole WZ10-18 contains good gold values within flattened wavy biotite schists and may have two high-grade regions within the hole. Hole DZ-14-32 contains heavy clots (3 – 4 cm) of sulfides at 40 metres depth, coarse pyrrhotite and arsenopyrite and also contains a second zone with fine-grained biotite schist at 61 metres depth (double zone?). Hole DZ-1433 has a good sulfidic zone 63.3 to 72 m and also a purple-brown biotite schist 81-2 to 82.1 with a nearby FP contact at 85.1 metres.

Thus these may be split ductile shears at Wolf Zone as has been observed in Sugar Gold Zone.

Exploration in the Wolf Zone is ongoing and current. The resulting extensions of discovery to the southeast towards the Middle Zone will eventually narrow the gaps between the three zones.

A review of the Wolf Zone surface trace, as provided by Matt Husslage of Harte Gold Corporation, is shown in Figure 6 along with lineations (mineral shape, vesicle elongation and fold axes plunges).

These results define an area of ductile shears with regional strikes varying from 133 through 143 degrees. Rocks in and near these shears contain penetrative lineations trending 230 to 250 degrees to the SW and plunging an average between 64 and 71 degrees from horizontal.

If regional deformation is mainly strike-slip, then the kinking observed at Wolf Trench may be related to a local dextral displacement. Harte Gold Corp. has now announced a 6.25 metre intercept of 9.28 g/t at Wolf Zone (Middleton, 2014).

WOLF TRENCH VS WOLF ZONE

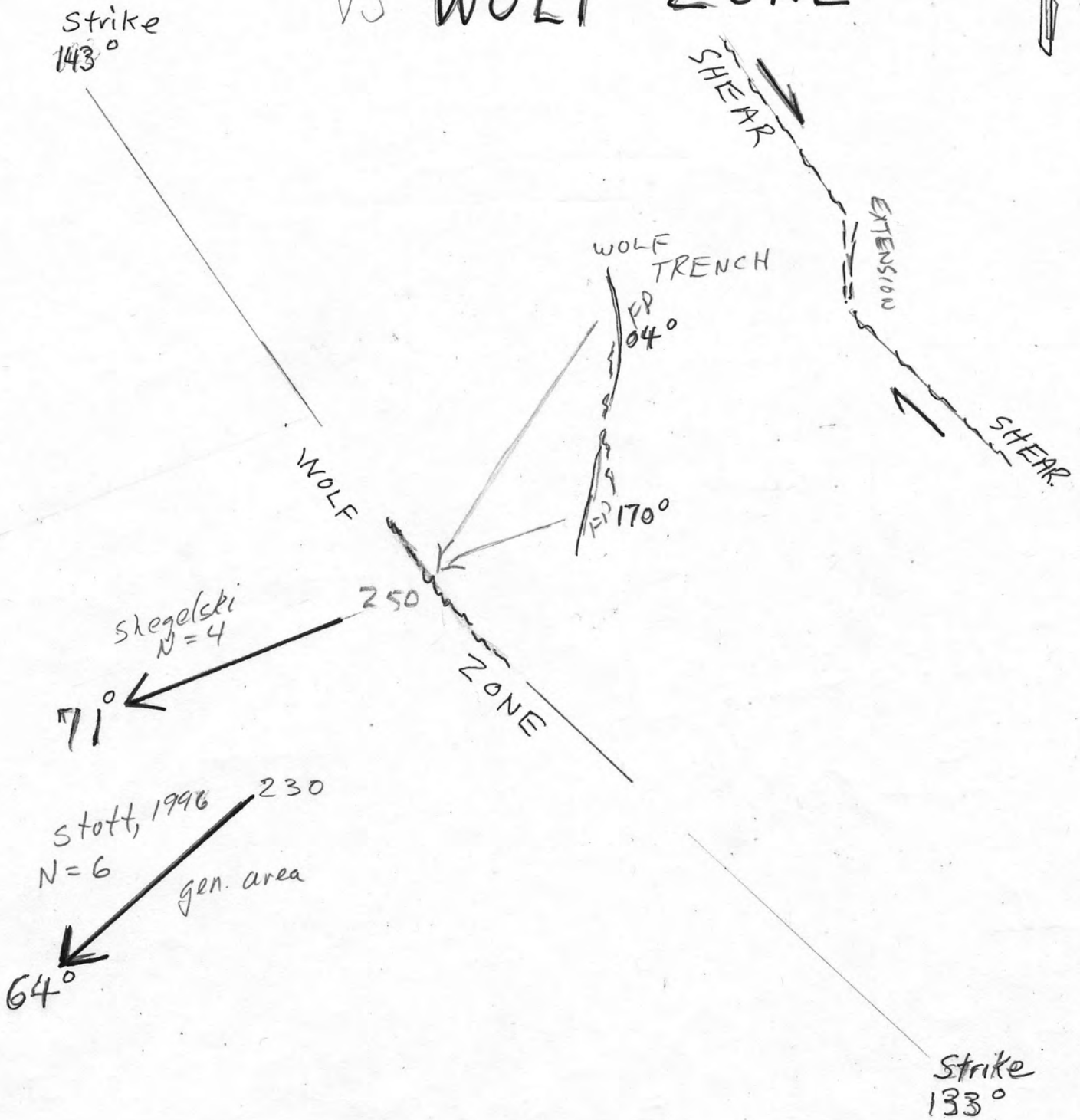
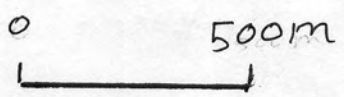


Figure 6



Other Issues

(a) Quartz Veins

Quartz veins and lenses occur in the ductile shears and throughout the countryside. Average strike N = 12 is 144 degrees and average dips are 61 degrees SW but some variations are seen in strike (locally 50 degrees) and more than one generation of quartz was observed in mapping. Only the sugar Zone contained sulfides inside the quartz and also had elevated gold values. A general recommendation is to sample quartz veins which contain internal sulfides, if encountered in exploration.

(b) Diatreme/Gabbro

A diatreme facies with an extremely dense and fresh gabbro as the main intrusive rock type during emplacement, contains many angular fragment types, including dark green talcose soapstones. It is exposed south of DZ-14-09, Line 13800 Trench and is located "only along the Wolf Zone structure" (R.S. Middleton Sept. 9 Press Release). The diatreme is logged in core as "breccia" and its spatial distribution should be tracked. Whether it is related to gold mineralization or a later event (as suggested in this report), the distribution on the property is important because it helps to define a possibly pre-existing deep structural weakness which brought up gold. The diatreme is likely mantle-derived indicating yet another deep-seated event on the Sugar Zone property.

(c) Late Crosscutting Fractures/Joints

Late joints crosscut the FP and commonly contain felsite dykes. Relative displacements are minor and are of both sinistral and dextral displacement. Local topographic lineaments which trend North East should be considered as possible boundaries to ductile shear systems (change of strike direction?) because they are of a property-wide scale.

CONCLUSIONS

1. MANTLE-TAPPING FRACTURES

Deep-seated fracturing to the mantle brought up komatiite flows (Event 2.); generated gold-bearing regional ductile shears (Event 8.); and caused stoping by an explosive-gabbroic diatreme (Event 11.) as three separate mantle-tapping events during the geological history of the Dayohessarah greenstone belt (Table I).

2. REGIONAL FOLIATIONS and (APPARENT) S FABRIC

Regional foliations and apparent flattening pillow elongations strike 155 degrees to 166 degrees in a NW-SE direction and dip 67 to 69 degrees to the southwest. This is present day orientation following all geological events.

3. GOLD-BEARING DUCTILE SHEARS

Gold-bearing ductile shears in the Wolf, Middle and Sugar gold zones are situated on the northeast flank of the Dayohessarah synclinorium. Ductile shears formed at sites of high ductility contrast and consist of micaceous-

sulfidic schists hosting quartz and gold. These ductile shears have average strikes of 145 degrees and dip 63 to 69 degrees to the southwest.

4. BARREN DUCTILE SHEARS

Other barren ductile shears are generally chloritic and hosted within pillow basalts. They locally contain relatively high concentrations of barren sulfides and form IP conductivity highs. At present, drilling and surface sampling is necessary to discriminate these barren zones from gold-rich systems.

5. FELDSPAR PORPHYRY INTRUSIONS

Feldspar porphyries (FP) intrude the pillow basalts and locally assume subparallel orientations to the regional foliation. Some of the FP have gold-rich margins and silicification envelopes and may have acted as heat engines and permeable zones during gold deposition.

6. STRETCHING LINEATION L – FABRIC

The primary, penetrative fabric in the Dayo greenstone is a stretching lineation trending 209 to 250 degrees on average, and plunging 52 to 71 degrees southwest.

7. SUGAR ZONE

The Sugar Zone is a quartz-rich ductile shear which was reactivated after initial gold mineralization. It now forms an anastomosing micaceous ductile shear with lenticles of sugary gold-rich quartz. Sugar Zone varies in regional strike, is mostly a paired ductile shear system and may have undergone sinistral shearing to produce the higher grade values in the northern portions of the zone (area of detailed drilling).

Penetrative linear fabrics trend 209 to 239 degrees and plunge 52 to 60 degrees to the southwest. Down-plunge higher grade gold tenor may be controlled by this penetrative fabric.

8. WOLF ZONE

The Wolf Zone is a quartz-poor, biotite-rich ductile shear system which is kinked and varies from 133 to 143 degrees in regional strike. Wolf Zone may display a dextral sense of shear. Penetrative stretching lineations vary from 230 to 25 degrees trend, and plunge 64 to 71 degrees SW. Regional average lineations trend 240 degrees and plunge 64 degrees SW and are therefore similar to those in the Wolf zone ductile shear.

Wolf Zone consists of more than one ductile shear as diamond drilling commonly encounters at least two shears, but these seem to be narrower than those found in the Sugar Zone. Further exploration will better define the systems and gold intersections need to be plotted in 3D in order to understand the Wolf Zone.

9. GABBRO/DIATREME INTRUSION

The spatial distribution of Gabbro/Diatreme breccia and genetic association and timing of diatreme relative to gold mineralization should be addressed as the Wolf Zone is being drilled.

It may or may not be important to future exploration but present results suggest that, if breccia is found in outcrop, the field-exploration geologists should start looking closely for gold-bearing ductile shears nearby.

10. LATE STRUCTURES, JOINTING AND INTERFERENCE FOLDING

Late interference folding related to D5 or D6 has warped isoclinal folds and produced local, small-scale flattened egg-carton structures. These may occur only on a small scale but should not be discounted during gold exploration until they are proven to be only small-scale fractures. The FP surfaces locally show this flattened egg-carton structure near micaceous ductile shears.

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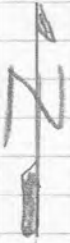
TABLE II

LOCATION	STRUCTURE	STRIKE (CW) /TREND	DIP/PLUNGE
WOLF TRENCH	pillow apparent, elongation, lineation	263	73 SW
	joint	348	86 SW
	stretching lineation	251	63 SW
	fold axis	238	71 SW
	pillow intersection lineation	190	64 SW
	pillow intersection lineation	191	64 SW
	pillow internal foliation	151	71 SW
	vertical joint	70	90
	fold axis (trace axial plane)	248	77 SW
	porphyry intrusion contact	4	63 NW
	pillow elongation	4	66 W
	pillow basalt foliation	20	78 NW
	East of Wolf Trench	pillow basalt foliation	250
PEACOCK TRENCH	joints cut late milky quartz	50	
	pillow basalt foliation	154	75 SW
	pillow basalt foliation	136	72 SW
	pillow basalt foliation	136	75 SW
	pillow basalt foliation	154	74 SW
	pillow basalt foliation	149	71 SW
	joint	0	shallow
	flattened amygdule	150	
	pillow apparent elongation	151	
	quartz lenses	151	
	pillow basalt foliation	152	75 SW
	pillow basalt foliation	157	75 SW
	SUGAR ZONE	pillow basalt foliation	150
lineation to fold axis		128	76 SE
warp of fold axis		198	63 SSW
pillow basalt foliation		134	61 SW
intrusive feldspar porphyry contact		134	60 SW
ductile shear zone		133	60-65 SW
Downhill Trench	mineral elongation lineation	237	57 SW
WEST OF WOLF	foliation in pbs flow top	124	60 SW
	garnet-rich ductile shear	140	58 SW
	pillow apparent elongation	144	60 SW
	late felsite veins	138	90?
	intrusive feldspar porphyry contact	120	60 SW
	weak D5 from minor folds (fold axis)	230	50 SW
DZ-14-09 TRENCH	foliation in metabasalt	160	70 SW

LINE 13800	quartz vein	135	
	pillow basalt foliation	161	54 SW
	lineation (fold axis) crenulation cleavage	200	53 SW
	intersection lineation	264	57 W
	intrusive feldspar porphyry contact	109	71 SW
	cleavage cutting quartz vein	97	
	intersection lineation	240	53 WSW
	fracture cleavage	174	
	sulfidic shears	150	
	intersection lineation (fold axis?)	305	51 NW
	pegmatite contact (felsite related)	140	90
	joint cutting quartz vein	53	
	NORTHWEST PROPERTY DZ-14-04 TRENCH	lineation to crenulated fold axis	216
quartz lens		170	
foliation in metabasalt		140	70 SW
cross joints (dextral)		28, 33, 34	
mylonite in basalt (foliation)		138	72 SW
lineation on flexure ridge		228	75 SW
mineral lineation in feldspar porphyry		223	54 SW
soapstone contact		225	75 SW
intrusive feldspar porphyry contact		146	85 SW
foliation in metabasalt		140	75 SW
foliation in metabasalt	140	75 SW	
13425 TRENCH	joint	40	85 SE
	intrusive feldspar porphyry contact	144	62 SW
	pillow basalt foliation	144	62 SW
	ductile shear in feldspar porphyry	150	63 SW
	cross-cutting shear	90	65 S
	felsite dyke	133	
	flattened amygdule	129	
	intrusive feldspar porphyry contact	144	62 SW
	foliated margin of feldspar porphyry	150	62 SW
	felsite dyke	136	
	thin feldspar porphyry	143	
stretching lineation in feldspar porphyry	240	62 SW	
DZ-14-37 TRENCH (not washed)	thin granodiorite dyke	160	
	intersection lineation in pillow basalt	196	45 SSW
	foliation in ductile shear	142	70 SW
	intersection lineation in pillow basalt	217	75 SW
	intersection lineation in pillow basalt	204	63 SW
	thick granodiorite intrusive contact	140	90
thick granodiorite intrusive contact	120	90?	
FAT ALBERT 3RD	foliation in metabasalt	164	75 SW

TRENCH	quartz lens	136	64 SW
	pillow basalt foliation	142	73 SW
	cross-cutting joints (dextral)	105	
	foliation in metabasalt	168	44 SW
	quartz vein	164	
	pillow basalt apparent elongation	160	57 SW
	intersection lineation	287	58 WNW
	foliation in metabasalt	148	72 SW
	foliation in metabasalt	153	64 SW
	pillow basalt apparent elongation	153	63 SW
	stretching mineral lineation in gabbro	215	67 SW
FAT ALBERT 1ST TRENCH (washed area)	intrusive feldspar porphyry contact	90	76 S
	foliation in metabasalt	135	48 SW
	pillow basalt apparent elongation	136	57 SW
	flattened amygdule	143	
	amygdule stretching lineation	223	42 SW
	bleached pillow core apparent elongation	136	58 SW
	intrusive feldspar porphyry contact	94	84 NNW
PROPERTY WEST (along road)	joint cutting feldspar porphyry intrusion (dextral offset)	140	steep
NEAR DZ-14-37	feldspar porphyry mineral stretching lin.	187	83 S
NW CORNER PROPERTY	gabbro lenses	159	67 SW
	basalt mineral stretching lineation	144	62 SE
DZ-14-09 AREA	foliated metabasalt	160	75 SW
SUGAR ZONE (Stott, 1996)	lineation (off AutoCad Map)	212	50 SW
		218	60 SW
		252	25 SW
		252	54 SW
		263	56 SW
		264	55 SW
		216	50 SW
	255	44 SW	
WOLF AREA (Stott, 1996)	lineation (off AutoCad Map)	210	57 SW
		244	57 SW
		218	57 SW
		255	64 SW
		248	82 SW
		208	66 SW
		288	68 NW

SUGAR ZONE



pbs sch = pillow basalt, schistose

mbs, Gb = gabbroic flow base

FP = feldspar porphyry

qtz, q = quartz

felsite = late quartz-feldspar

plitte

237
(downhill)

57

134

61

133

SUGAR ZONE

60-65

felsite

FP

Low

with

brush

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

198

(D2?)

63

60

134

refolded

fold axes

FA

Flow contact, Flow base

sugar qtz sulf schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

pbs

Schist

TO

↓

52-12-13

SULFIDES

foliation from cleavage

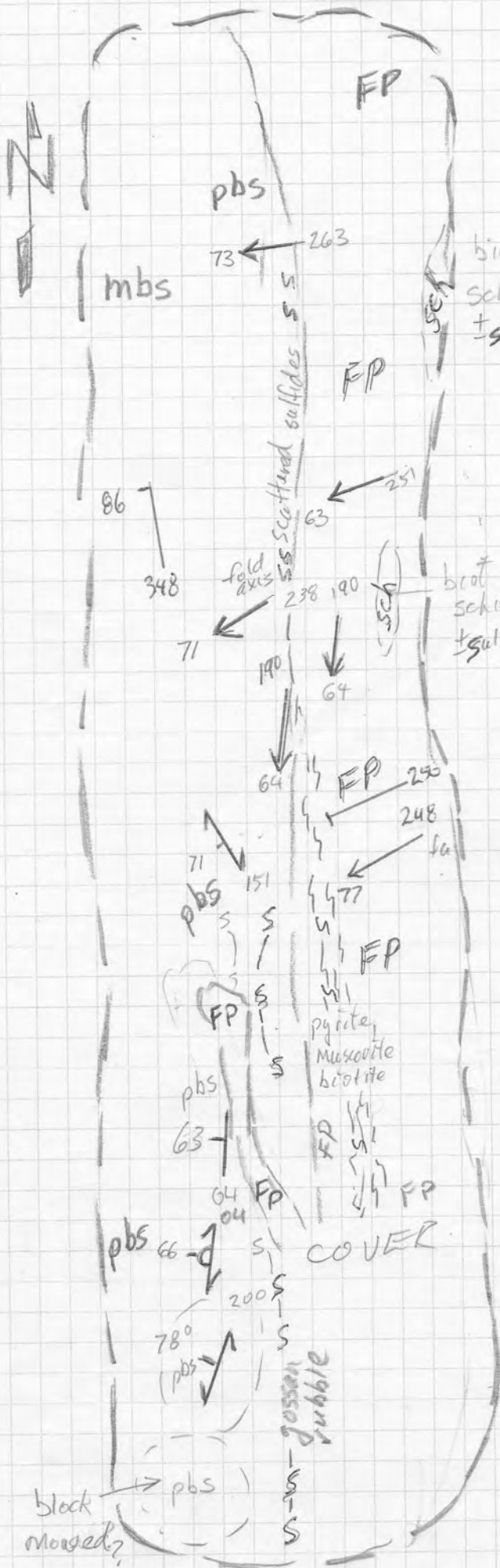
intrusive contact

lineation trace of axial surface

sulfidic shear zones

-S-S-

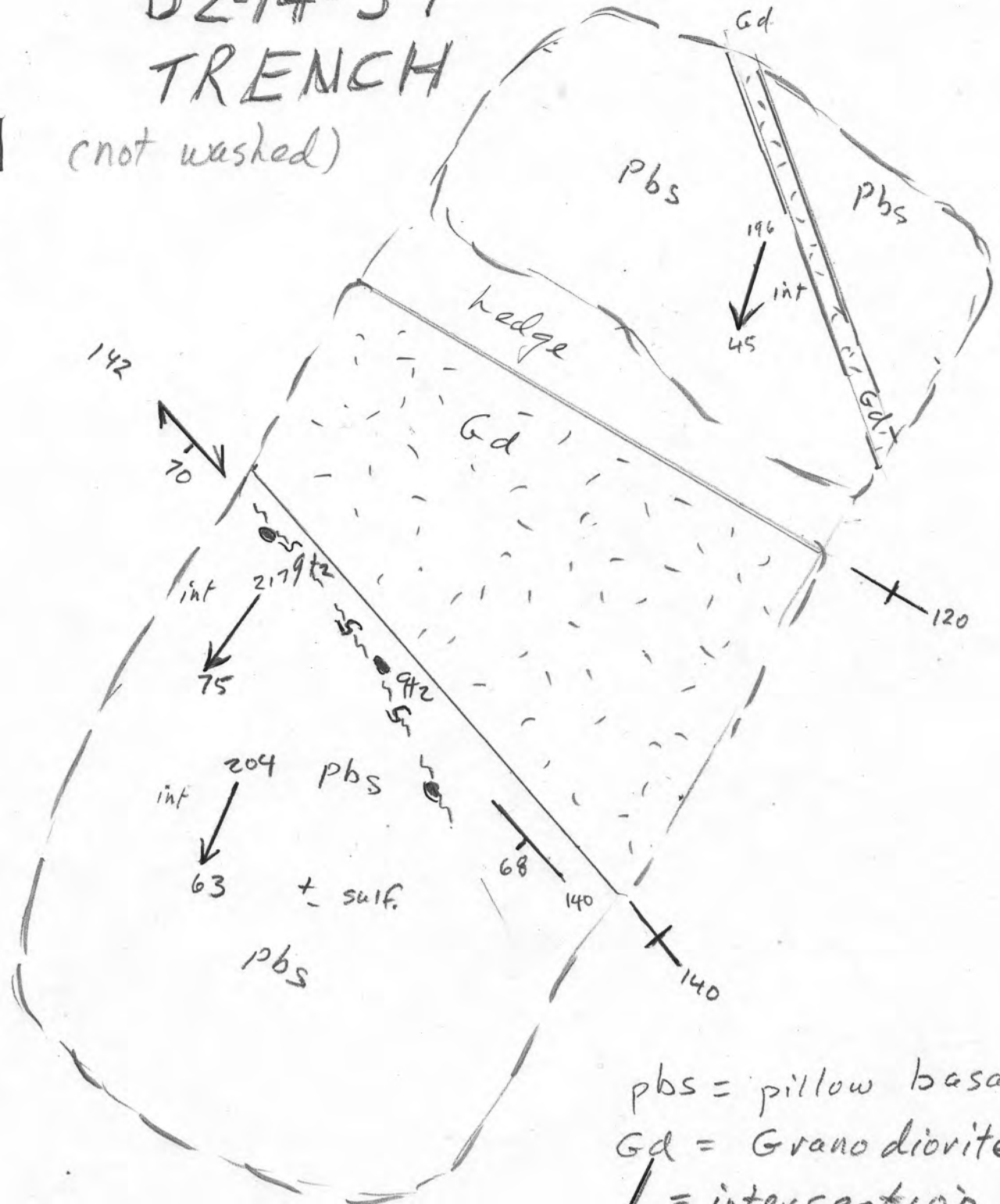
WOLF TRENCH



- mbs = massive basalt
- pbs = pillow basalt
- FP = feldspar porphyry
- sch = biotitic schist
- S - S = sulfide minerals and gossan
- ⚡ = intrusive contact
- ∨ = foliation from cleavages
- ⚡ (dashed) = trend from pillow elongation
- ↘ = lineation with plunge angle

DZ-14-37 TRENCH

(not washed)



pbs = pillow basalt
 Gd = Granodiorite
 ↓ = intersection lineations int

+ = intrusive contact (vertical)

↔ = foliation of schistal basalt

● qtz = quartz pods

-s-s- = shear zone, minor sulfides

ADH
 DZ-14-37
 (approxi)

PEACOCK TRENCH

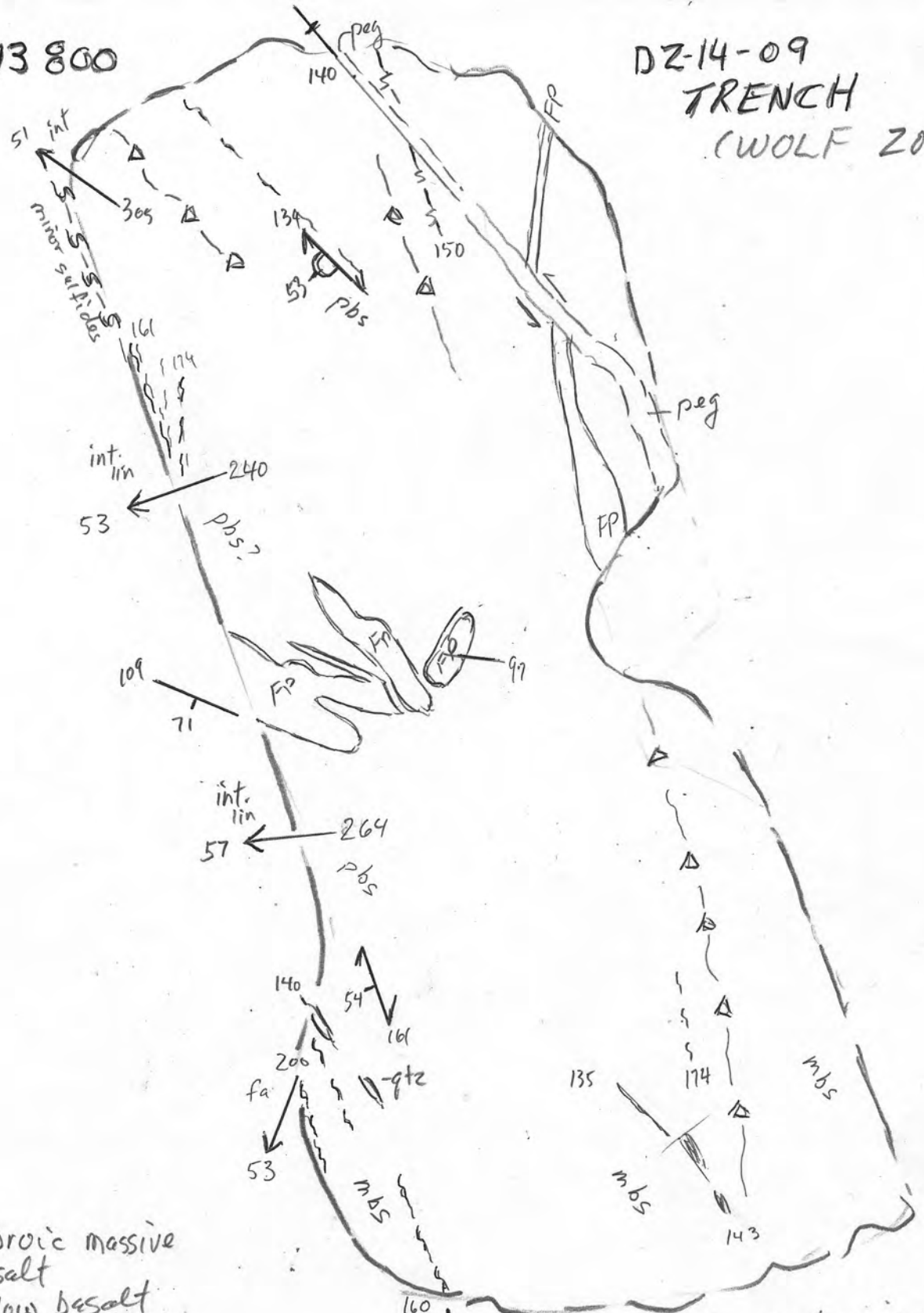


- mbs = massive basalt
- Gb = gabbroic flow base
- pbs = pillow basalt
- blch = pbs with bleached cores
- s- = sulfide minerals and gossan
- qtz = quartz
- felsite = (late quartz-feldspar caplitic) swells

- └ = jointing
- ↙ = glacial striae (fork in transport direction)
- ↘ = foliation from cleavage
- ↗ = pbs tops known
- ↖ = pbs pillow apparent elongation
- ↗ = deformed pbs with sense of shear

LINE 13800

DZ-14-09
TRENCH
(WOLF ZONE)



mbs = gabbroic massive basalt

pbs = pillow basalt

FP = Feldspar Porphyry

peg = Granitic Pegmatite

qtz = quartz veins, lenses

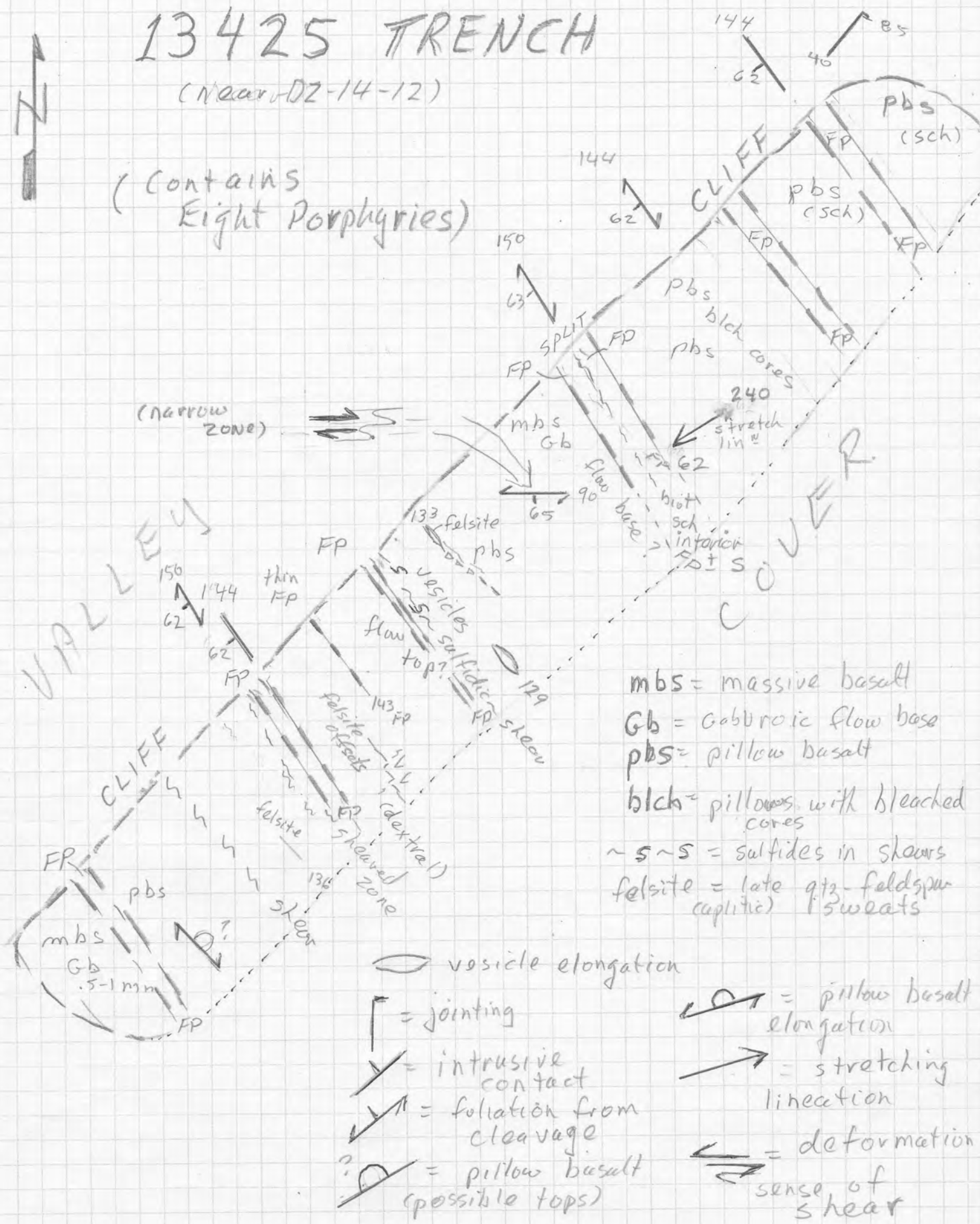
= intrusive contact inclined, vertical
 = lineation with trend and plunge

= diatreme facies fractures
 = sulfidic shear zones
 = foliation planes
 = pillow elongation with facing direction

13425 TRENCH

(Near DZ-14-12)

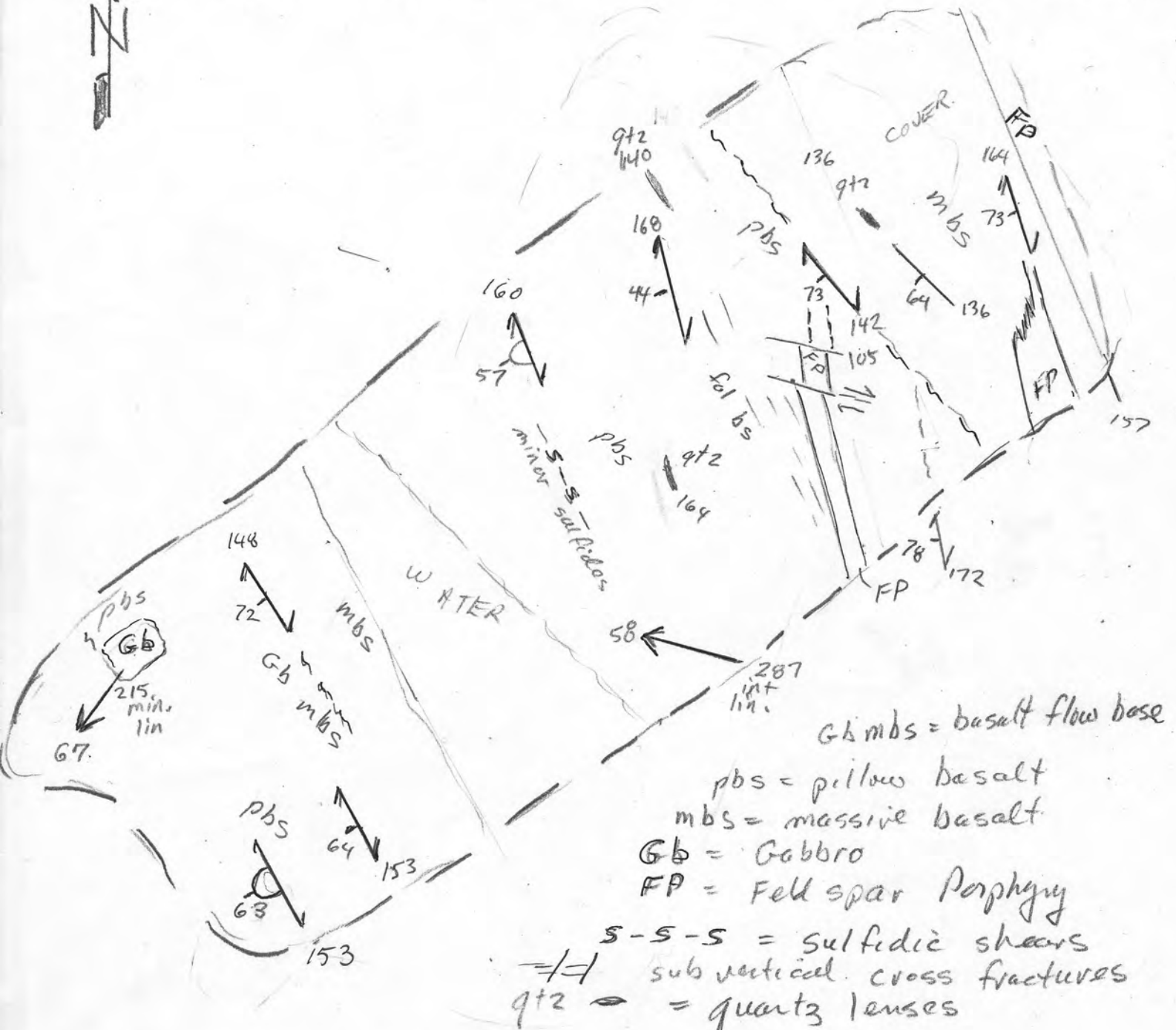
(Contains Eight Porphyries)



mbs = massive basalt
 Gb = Gabbroic flow base
 pbs = pillow basalt
 blch = pillows with bleached cores
 ~s~s = sulfides in shears
 felsite = late qtz-feldspar capitic sweats

- vesicle elongation
- = jointing
- = intrusive contact
- = foliation from cleavage
- = pillow basalt (possible tops)
- = pillow basalt elongation
- = stretching lineation
- = deformation sense of shear

FAT ALBERT THIRD TRENCH



Gb mbs = basalt flow base

pbs = pillow basalt

mbs = massive basalt

Gb = Gabbro

FP = Feldspar Porphyry

S-S-S = sulfidic shears

\neq = subvertical cross fractures
 qtz = quartz lenses

\swarrow = foliation — = intrusive contact

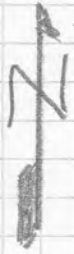
\swarrow = pillow elongation with facing

\leftarrow = lineation with trend and plunge

~~~~ = shearing

# WEST OF WOLF

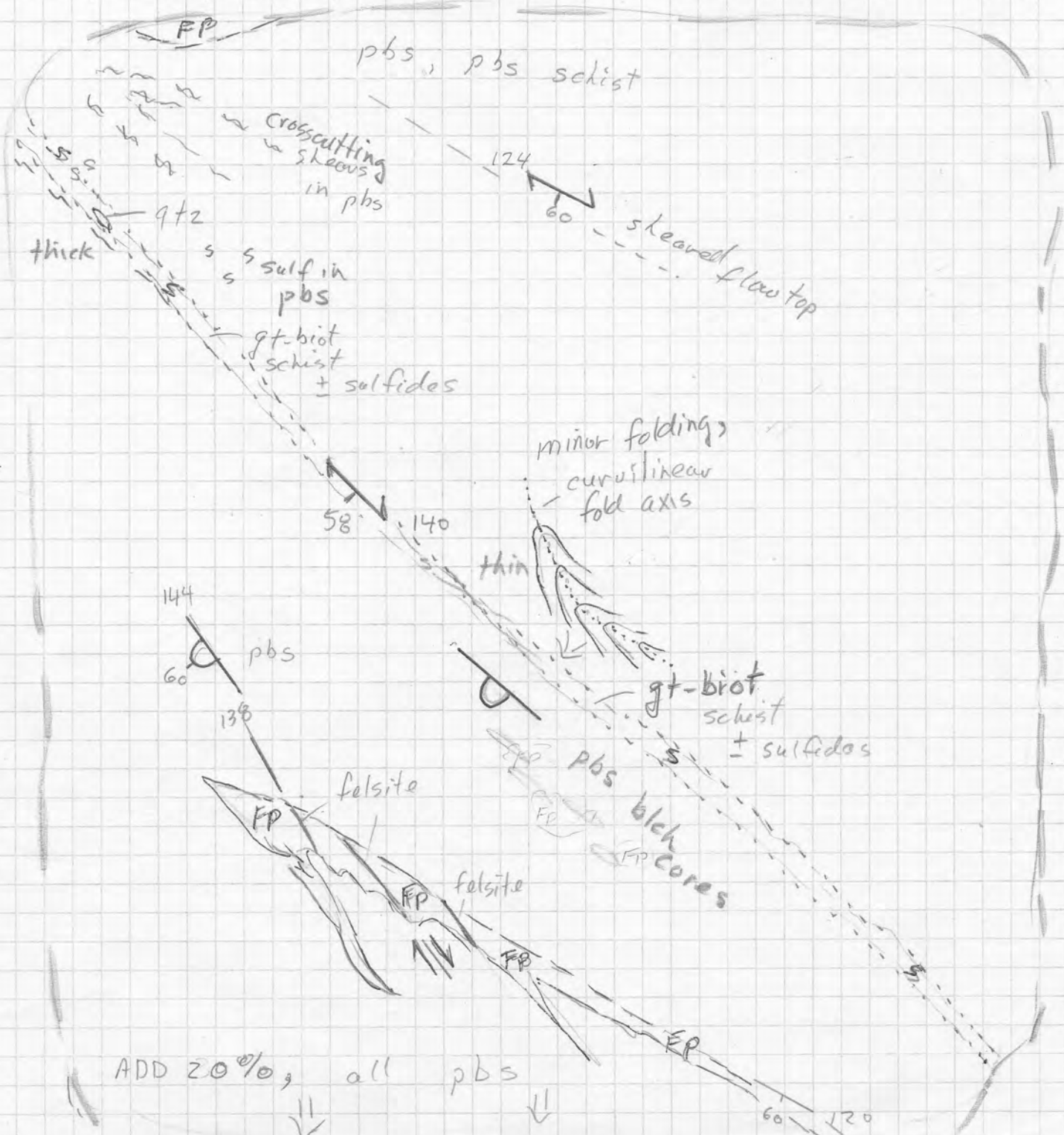
(Near 14,900, 250E)



pbs = pillow basalt  
 FP = feldspar porphyry  
 qtz = quartz

gt-biot = poikiloblastic garnet - biotite schist ± sulfides  
 felsite = late qtz-feldspar aplites

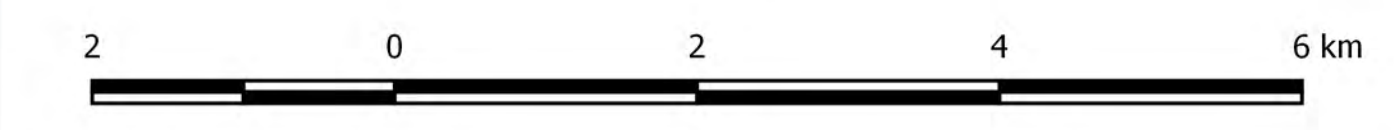
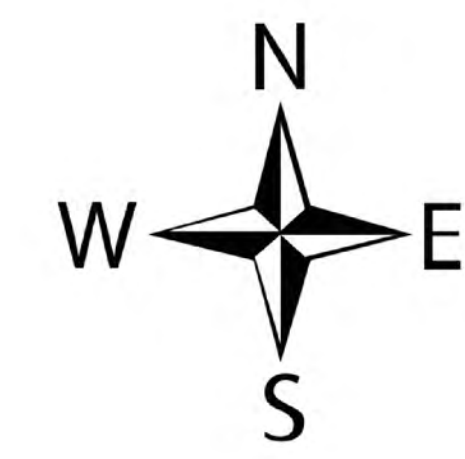
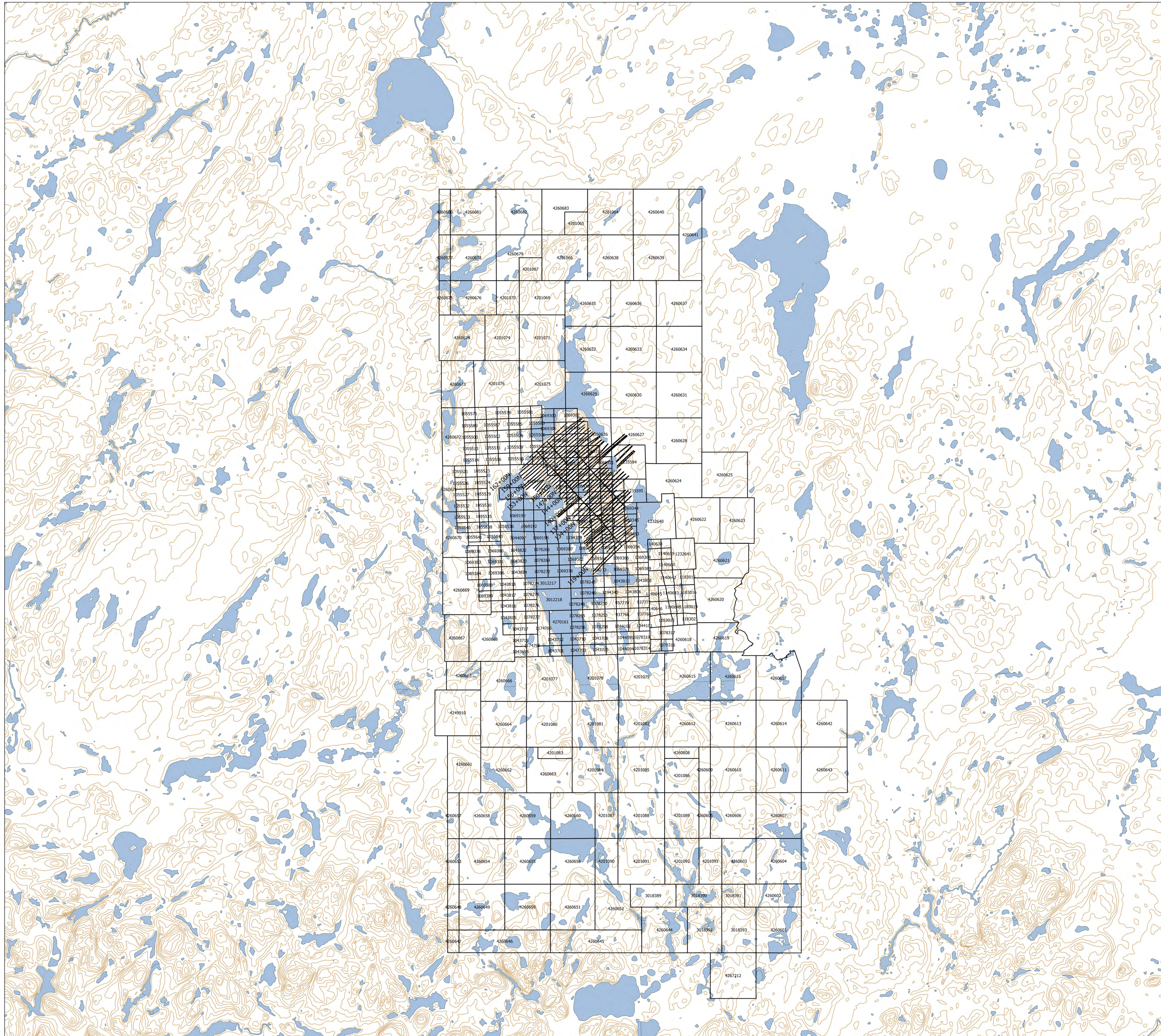
↘ = intrusive contact      ↗ = foliation from cleavage  
 ↖ = trend of aplite dykes      ⊙ = pillow basalt tops and elongation  
 S = sulfides or shear



ADD 20%, all pbs

## **APPENDIX E**

**Maps - see Table of Contents**



**Legend**

- Symbols**
- Topography Contours
  - Lake
  - Claim Boundary

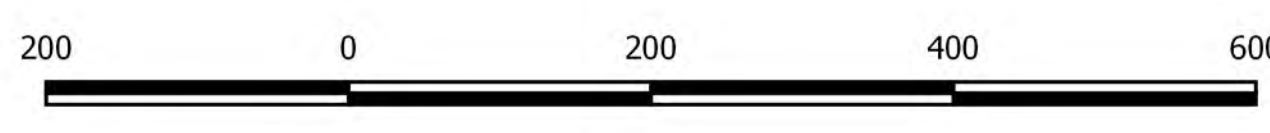
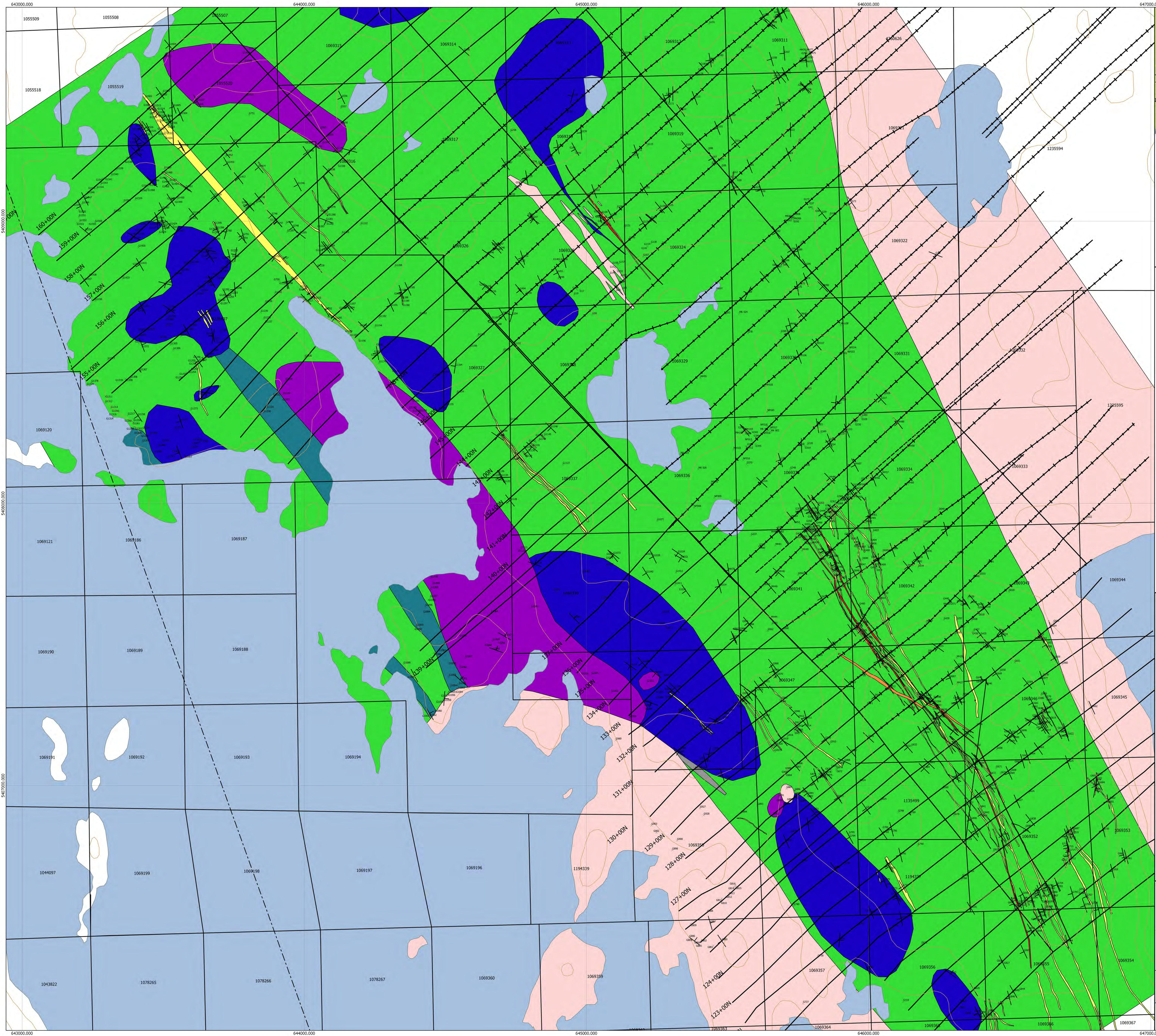


**SUGAR ZONE PROJECT**  
**Claim Continuity**

2015-02-17  
by J. Laarman and N. Forslund

1:50,000

Projection: UTM Zone 16 (NAD 83)



**Legend**

| Symbols                 | Lithology                                                   |
|-------------------------|-------------------------------------------------------------|
| --- Synclinal fold axis | <span style="color: red;">■</span> Au Zone                  |
| • Mapping station       | <span style="color: orange;">■</span> Diabase               |
| ┆ Bedding               | <span style="color: pink;">■</span> Granite-Granodiorite    |
| - - - Fault             | <span style="color: yellow;">■</span> Felsic Dykes          |
|                         | <span style="color: purple;">■</span> Ultramafic Intrusives |
|                         | <span style="color: blue;">■</span> Gabbros                 |
|                         | <span style="color: grey;">■</span> Metasedimentary         |
|                         | <span style="color: teal;">■</span> Ultramafic Volcanics    |
|                         | <span style="color: yellow;">■</span> Felsic Volcanics      |
|                         | <span style="color: green;">■</span> Mafic Volcanics        |



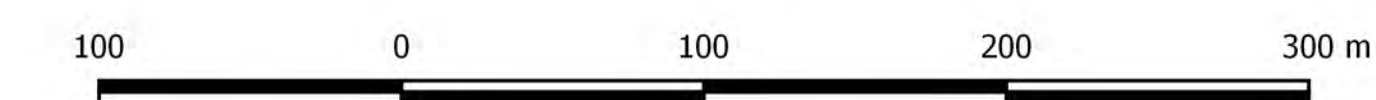
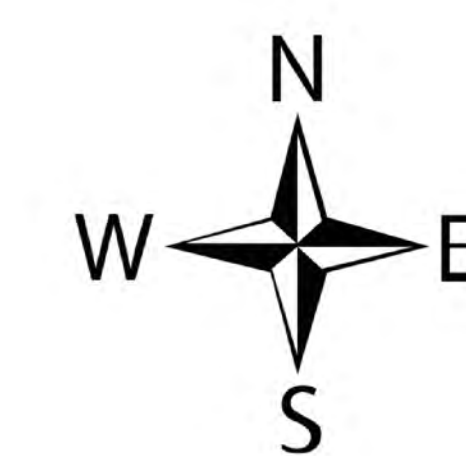
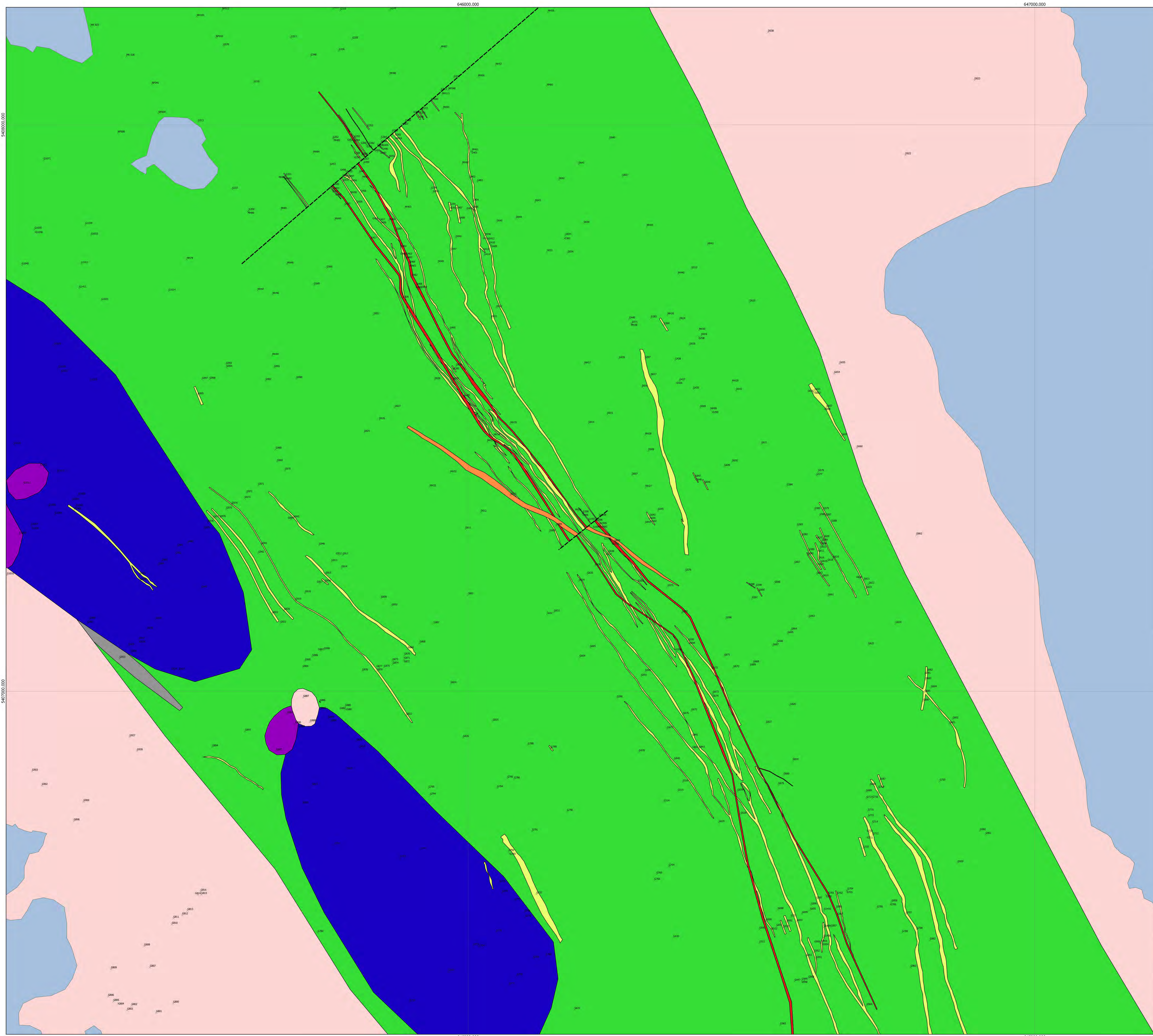
**SUGAR ZONE PROJECT  
Property Geology**

2015-02-17  
by J. Laarman and N. Forslund

1:5,000

Projection: UTM Zone 16 (NAD 83)





**Legend**

| Symbols           | Lithology                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| ✕ Mapping station | <span style="display:inline-block; width:15px; height:15px; background-color:red; border:1px solid black;"></span> Au Zones                    |
| --- Fault         | <span style="display:inline-block; width:15px; height:15px; background-color:lightcoral; border:1px solid black;"></span> Granite-Granodiorite |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span> Felsic Dykes             |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:purple; border:1px solid black;"></span> Ultramafic Intrusives    |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> Gabbros                    |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:grey; border:1px solid black;"></span> Metasedimentary            |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:teal; border:1px solid black;"></span> Ultramafic Volcanics       |
|                   | <span style="display:inline-block; width:15px; height:15px; background-color:green; border:1px solid black;"></span> Mafic Volcanics           |

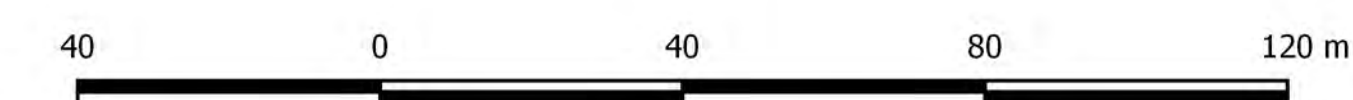
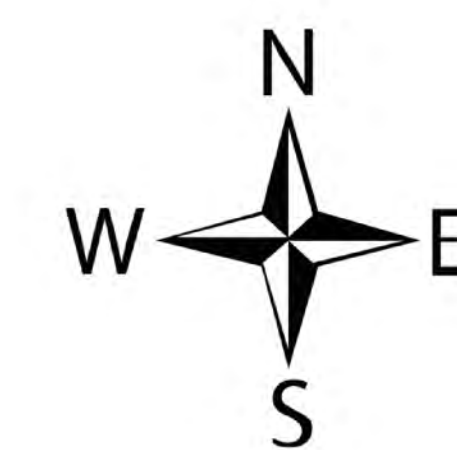
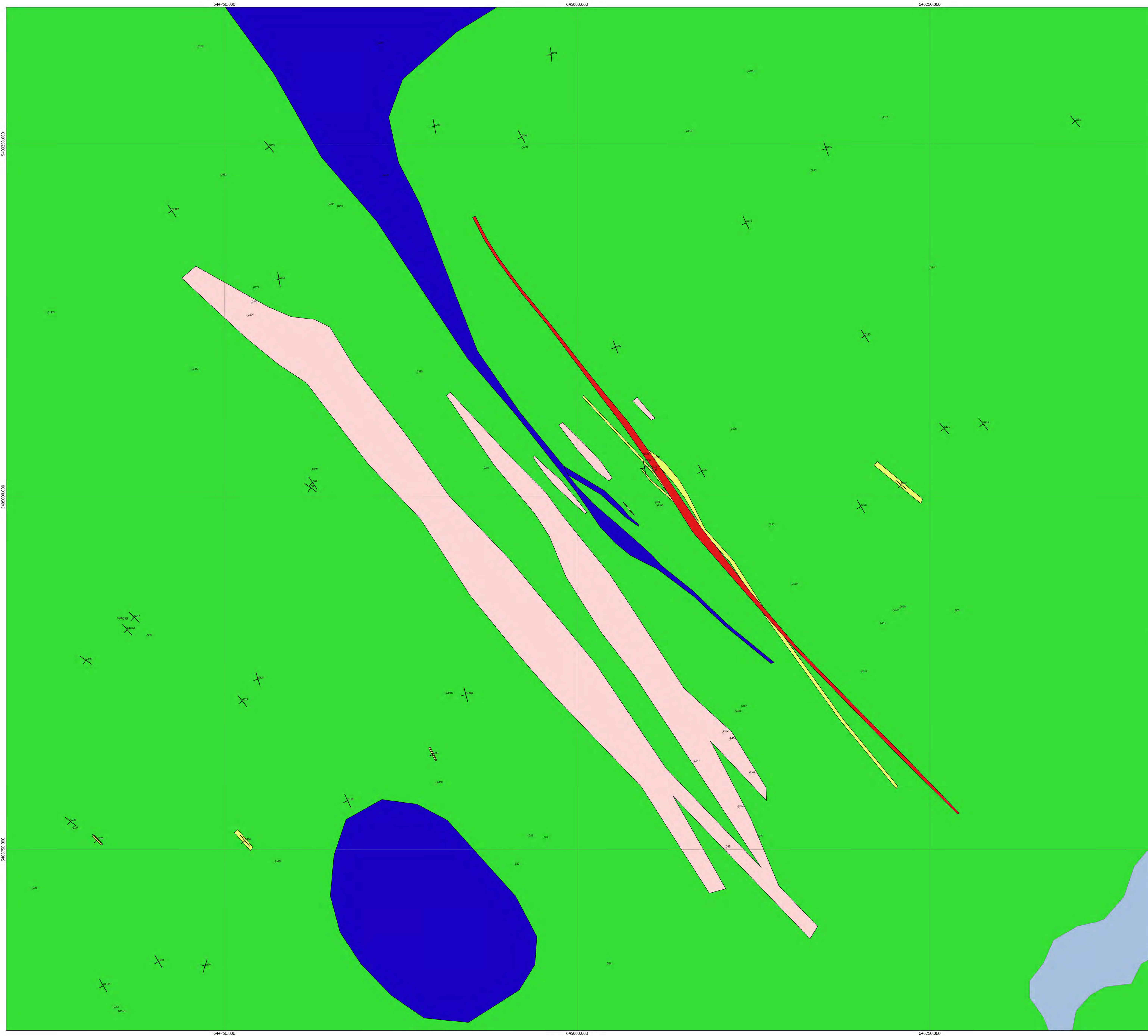


**SUGAR ZONE PROJECT**  
**Sugar Zone - Geology**

2015-02-13  
by J. Laarman and N. Forslund

1:2,500

Projection: UTM Zone 16 (NAD 83)



**Legend**

|                |                 |                  |                      |
|----------------|-----------------|------------------|----------------------|
| <b>Symbols</b> |                 | <b>Lithology</b> |                      |
| x              | Mapping station | [Red Box]        | Au Zones             |
| T              | Bedding         | [Pink Box]       | Granite-Granodiorite |
|                |                 | [Yellow Box]     | Felsic Dykes         |
|                |                 | [Blue Box]       | Gabbros              |
|                |                 | [Green Box]      | Mafic Volcanics      |

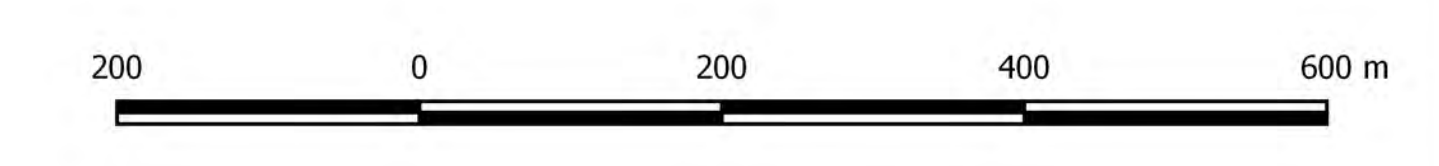
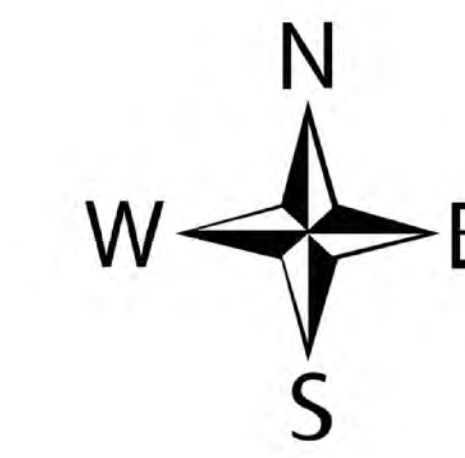
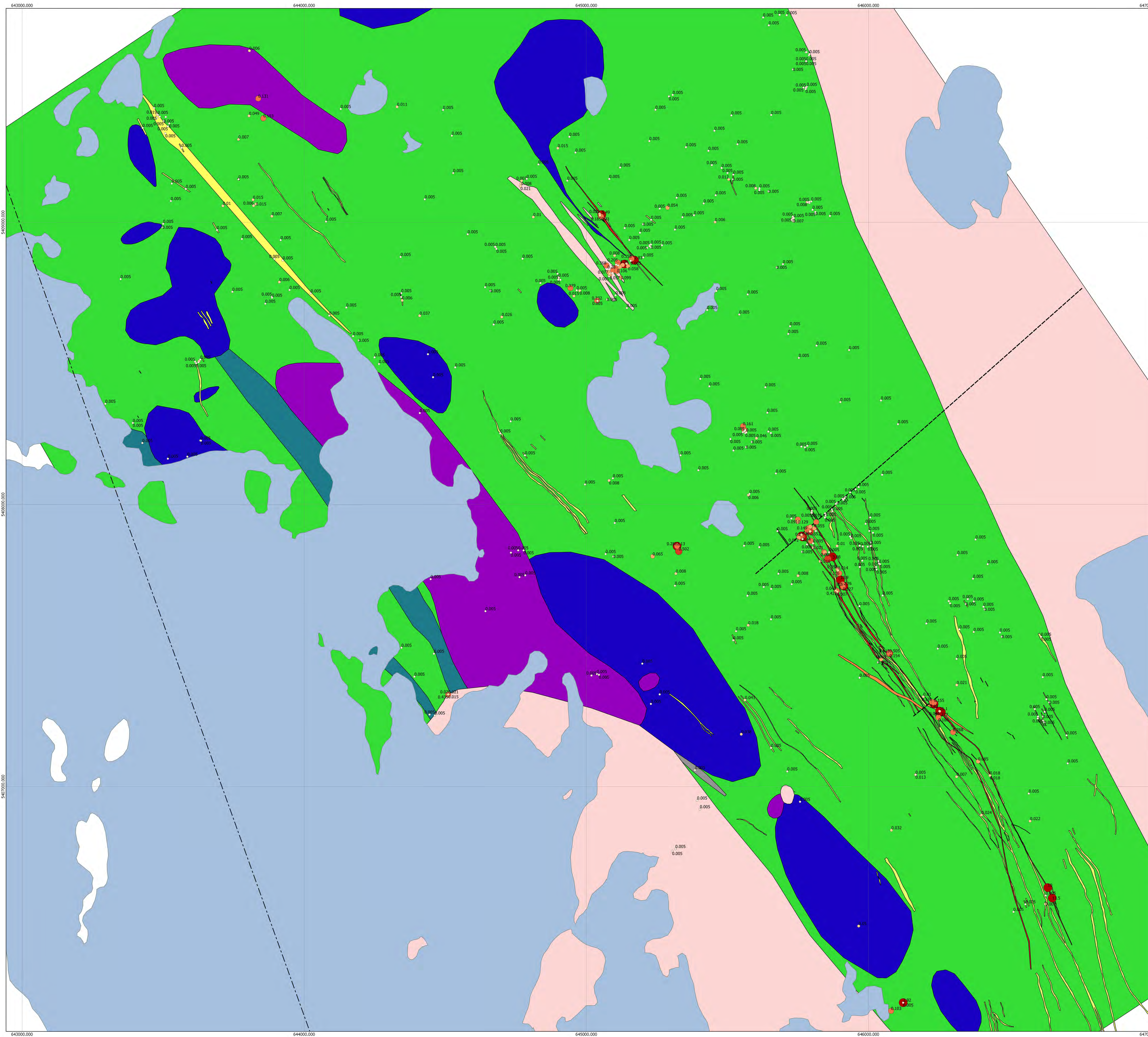


**SUGAR ZONE PROJECT**  
**Wolf Zone - Geology**

2015-02-13  
by J. Laarman and N. Forslund

1:1,000

Projection: UTM Zone 16 (NAD 83)



**Legend**

- |                       |                      |
|-----------------------|----------------------|
| <b>Symbols</b>        | Ultramafic Volcanics |
| Felsic Dykes          | Felsic Volcanics     |
| Ultramafic Intrusives | Mafic Volcanics      |
| Granite-Granodiorite  |                      |
| Gabbros               |                      |
| Metasedimentary       |                      |
| Synclinal fold axis   |                      |
| Fault                 |                      |
| <b>Lithology</b>      | <b>Gold assays</b>   |
| 0.000g/t - 0.005g/t   | 0.005g/t - 0.050g/t  |
| 0.005g/t - 0.050g/t   | 0.050g/t - 0.100g/t  |
| 0.050g/t - 0.100g/t   | 0.100g/t - 0.500g/t  |
| 0.100g/t - 0.500g/t   | 0.500g/t - 1.000g/t  |
| 0.500g/t - 1.000g/t   | >1.000g/t            |
| >1.000g/t             |                      |

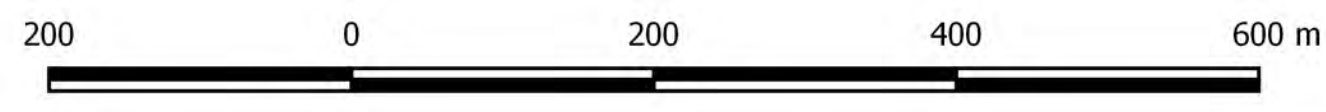
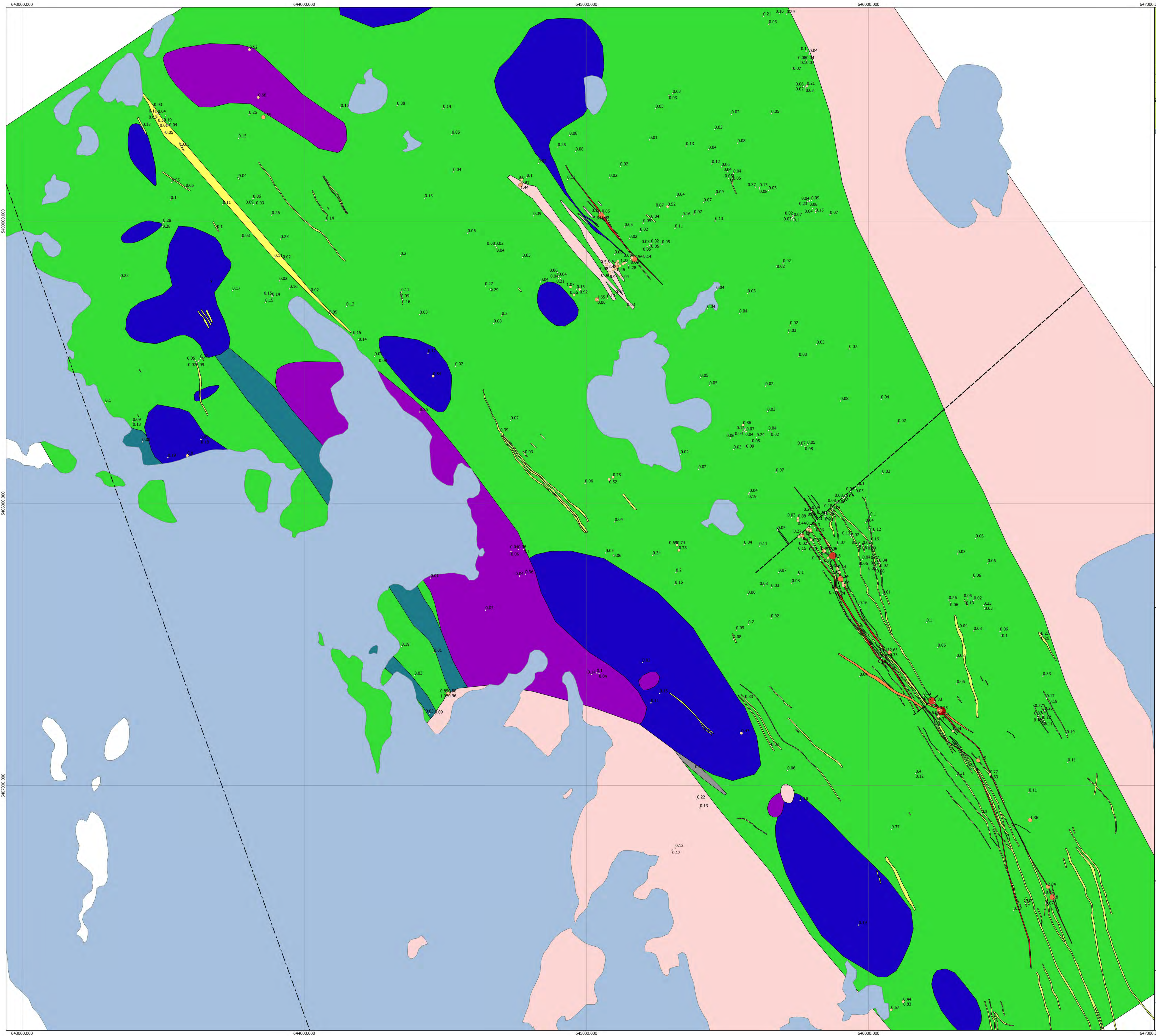


**SUGAR ZONE PROJECT**  
**Grab Samples - Au Assays**

2015-02-13  
by J. Laarman and N. Forslund

1:5,000

Projection: UTM Zone 16 (NAD 83)



**Legend**

- |                       |                      |
|-----------------------|----------------------|
| <b>Symbols</b>        | Ultramafic Volcanics |
| Synclinal fold axis   | Felsic Volcanics     |
| Fault                 | Mafic Volcanics      |
| <b>Lithology</b>      | <b>Silver</b>        |
| Granite-Granodiorite  | 0ppm - 0.4ppm        |
| Felsic Dykes          | 0.4ppm - 1.32ppm     |
| Ultramafic Intrusives | 1.32ppm - 3.15ppm    |
| Gabbros               | 3.15ppm - 5.27ppm    |
| Metasedimentary       | 5.27ppm - 10.6ppm    |
|                       | 10.6ppm - 71.3ppm    |

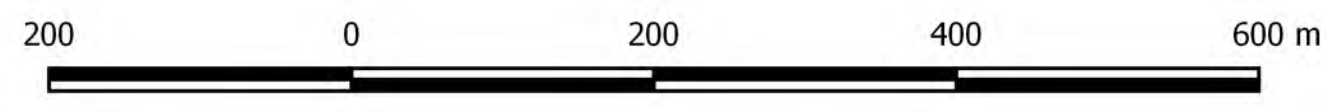
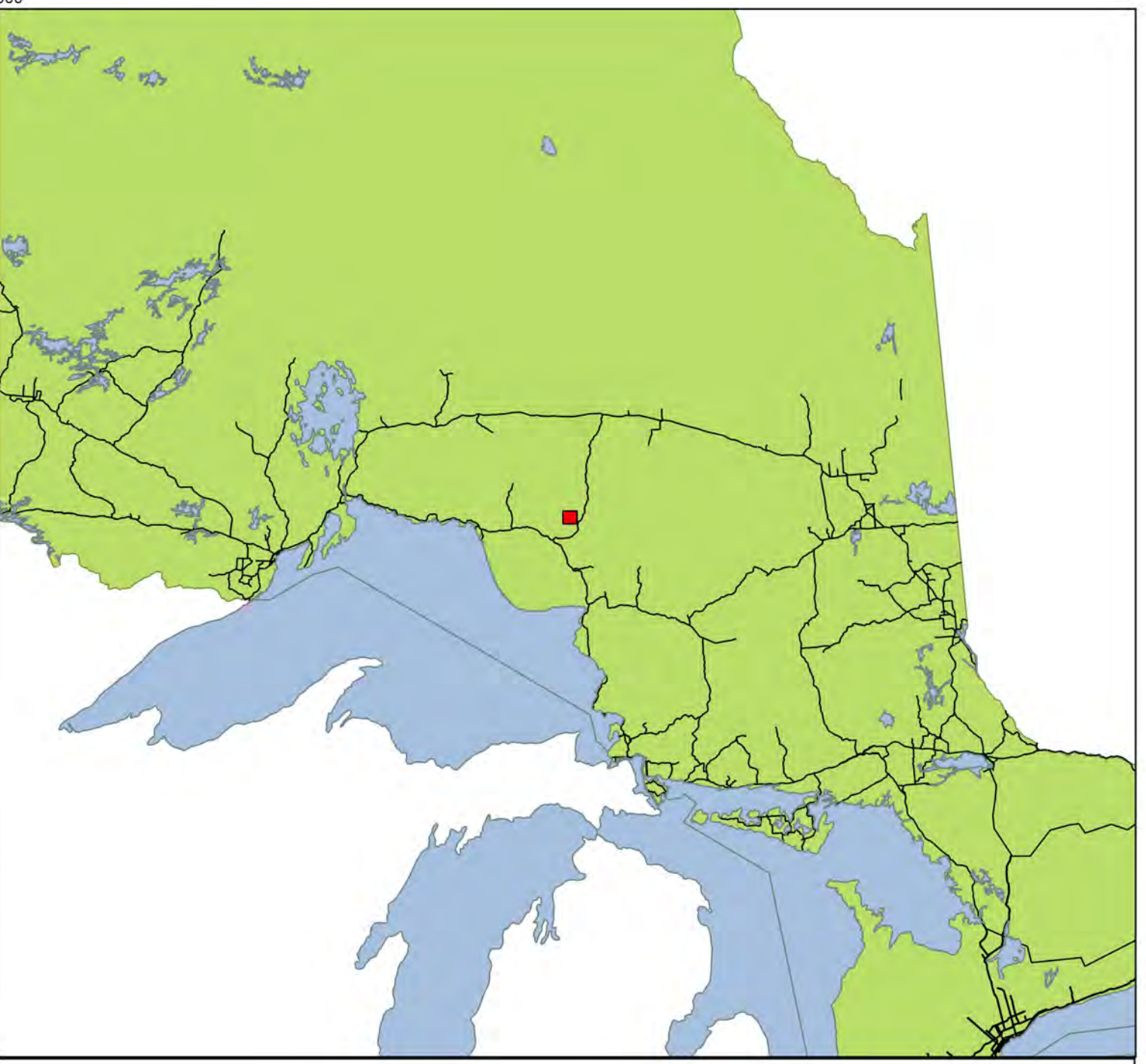
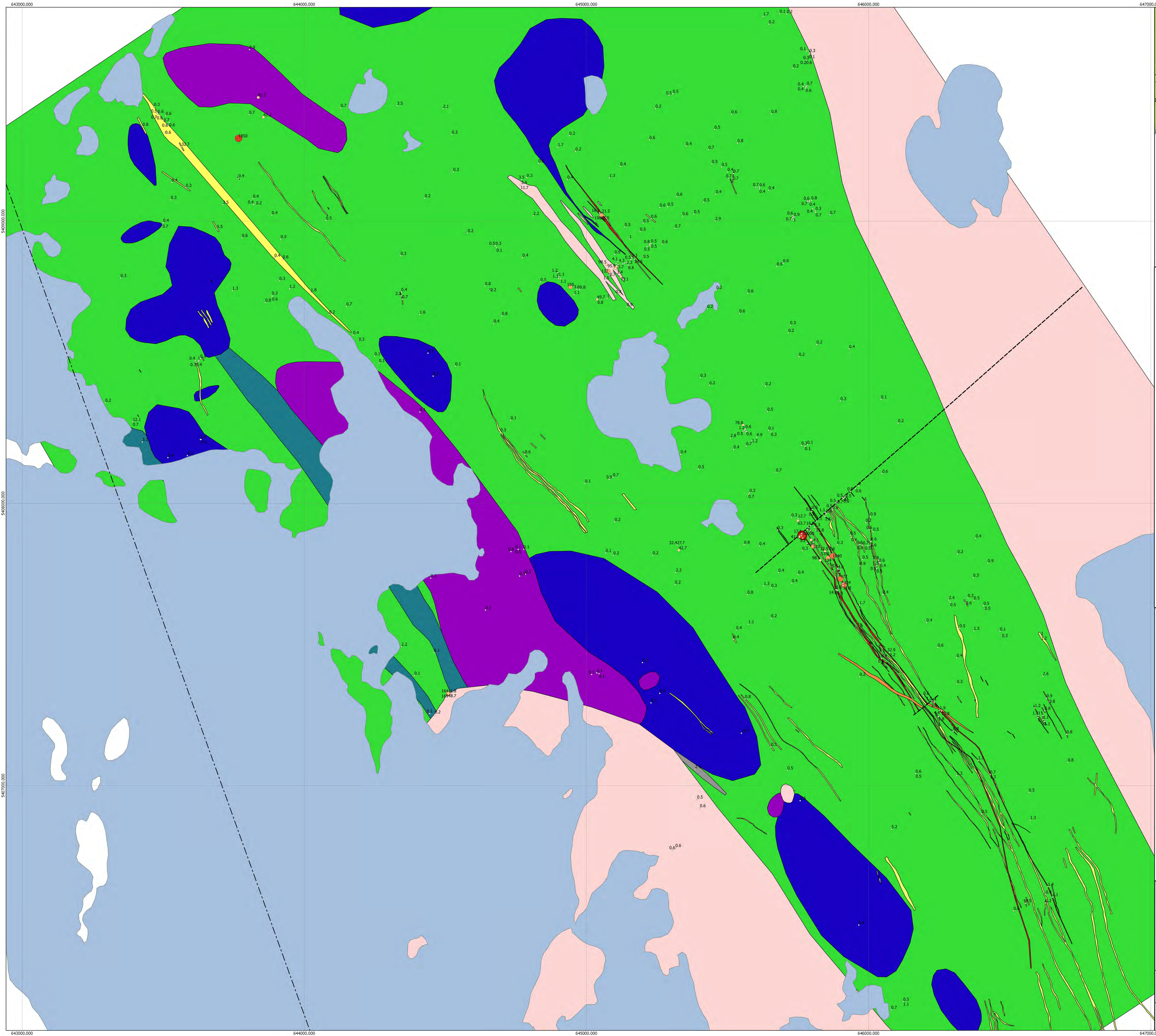


**SUGAR ZONE PROJECT**  
**Grab Samples - Ag**

2015-02-13  
by J. Laarman and N. Forslund

1:5,000

Projection: UTM Zone 16 (NAD 83)



**Legend**

- |                       |                      |
|-----------------------|----------------------|
| <b>Symbols</b>        | Ultramafic Volcanics |
| Synclinal fold axis   | Felsic Volcanics     |
| Fault                 | Mafic Volcanics      |
| <b>Lithology</b>      | <b>Arsenic</b>       |
| Granite-Granodiorite  | 0ppm - 33ppm         |
| Felsic Dykes          | 33ppm - 98ppm        |
| Ultramafic Intrusives | 98ppm - 198ppm       |
| Gabbros               | 198ppm - 1040ppm     |
| Metasedimentary       | 1040ppm - 1960ppm    |
|                       | 1960ppm - 10000ppm   |

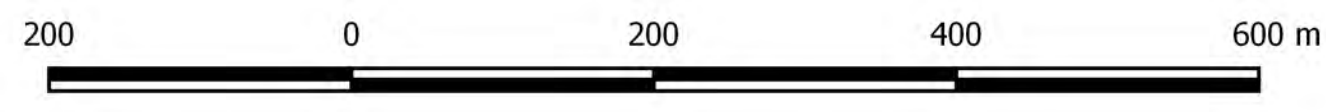
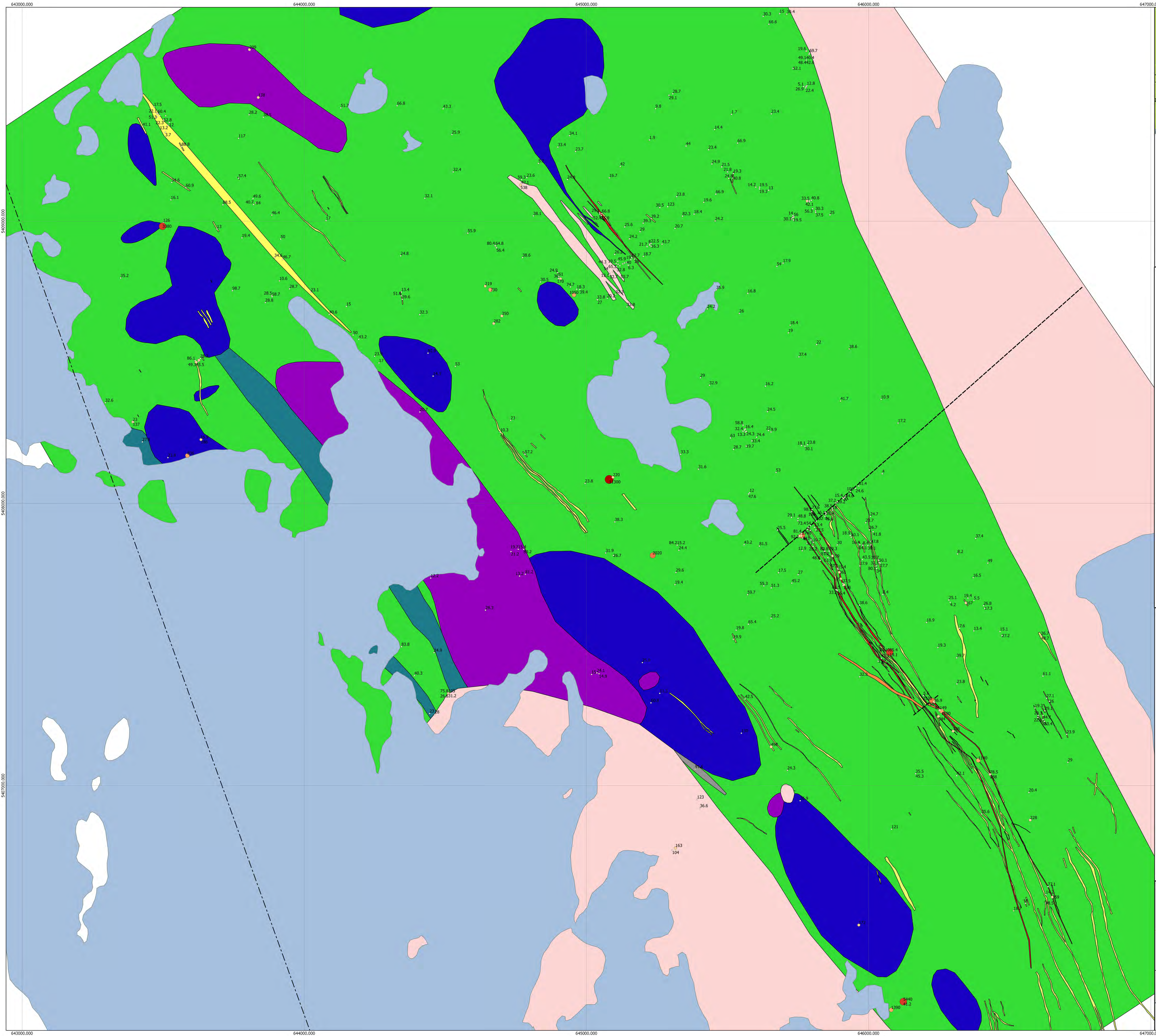
**HARTE**  
GOLD CORP

**SUGAR ZONE PROJECT**  
**Grab Samples - As**

2015-02-13  
by J. Laarman and N. Forslund

1:5,000

Projection: UTM Zone 16 (NAD 83)



**Legend**

- |                       |                      |
|-----------------------|----------------------|
| <b>Symbols</b>        | Ultramafic Volcanics |
| Synclinal fold axis   | Felsic Volcanics     |
| Fault                 | Mafic Volcanics      |
| <b>Lithology</b>      | <b>Zinc</b>          |
| Granite-Granodiorite  | 0ppm - 130ppm        |
| Felsic Dykes          | 130ppm - 580ppm      |
| Ultramafic Intrusives | 580ppm - 1390ppm     |
| Gabbros               | 1390ppm - 2740ppm    |
| Metasedimentary       | 2740ppm - 5440ppm    |
|                       | 5440ppm - 11300ppm   |



**SUGAR ZONE PROJECT**  
**Grab Samples - Zn**

2015-02-13  
by J. Laarman and N. Forslund

1:5,000

Projection: UTM Zone 16 (NAD 83)