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2020 PROSPECTING PROGRAM
SUGAR ZONE PROPERTY
DAYOHESSARAH LAKE AREA
WHITE RIVER, ONTARIO

NTS 42C/ 10, 11, 14 and 15

Latitude 48°48’ N, Longitude 85°10’ W

Dates Work Performed
July 07, 2020 to November 13, 2020

for

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

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February 28th, 2021

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Executive Summary

The Sugar Zone property spans the Dayohessarah Greenstone Belt ("DGB"). This greenstone Belt is host to the Sugar Zone deposit and is situated between two larger greenstone belts: the Hemlo Greenstone Belt to the west and the Kabinakagami Greenstone Belt to the east. These belts are part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton.

In the fall of 2019, a greenstone hosted Au-bearing quartz vein was discovered in the eastern portion of the property (TT8 Zone). In response to this, Harte Gold conducted a ground prospecting program on the property in 2020. The goal of the program was not only to follow up on the TT8 vein discovery made in 2019 (Figure 5) but also to further delineate the greenstone that the vein is hosted in. The area had previously been mapped as tonalite by the OGS.

Prospecting commenced July 07th, 2020 and finished November 13th, 2020. Most of the program focussed on the eastern portion of the property, specifically areas on-strike to the TT8 vein. In total, 541.39 kilometers of traverse lines were prospected spanning a total of 286 total man days. 279 rock samples (predominately grab samples), and 115 soil samples were collected. All samples were sent to Actlabs for Au and ICP analysis. In addition to this 1928 individual rock station ID's were collected over the course of the program. The total cost amounted to $153,436.19.

The 2020 prospecting program was successfully able to identify five Au showings: the Money Showing, the Smoking Aces Showing, the Long Shot Showing, Big Bear Showing, and the Southern Showing (Figure 7). In addition to this, an extension of greenstone belt was successfully delineated in the TT8 area (Figure 5), as mentioned earlier the area had previously believed to be tonalite. A complete table of all prospecting station ID's can be found in Appendix E

Overall, rock sample analysis returned nearly two dozen samples with gold values >1 g/t all concentrated along the five new gold showings. The highest value returned was from channel sample number 785563 which had a gold concentration of 102 g/t along the Money Showing. See Figure 7 for the showing locations and notable rock sample locations. A complete list of rock samples and values can be found in Appendix F.

The analysis from the soil samples did not return any significant values. A complete list of soil sample values can be found in Appendix G.

1.0 Introduction

From July 7th, 2020 to November 13th, 2020 Harte Gold Corporation conducted a prospecting program on the Sugar Zone property. The goal of the program was to further explore the TT8 Zone (Figure 5); a greenstone hosted Au bearing quartz vein discovered in 2019. As a result of this, the 2020 prospecting program focussed predominately on the eastern portion of the property specifically on areas on-strike to TT8 showing.

This report will summarize and discuss the results of the 2020 prospecting program. This prospecting report was written from February 13th, 2021 to February 28th, 2021.

This was a grass roots ground-based prospecting program and therefore did not require work permits.

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

2.0 Property Location and Description

2.1 Location and Access

The Sugar Zone property is situated approximately 25 km northeast of the town of White River (Trans-Canada Highway No. 17) and 60 km east of the Hemlo gold camp. The property is approximately equidistant from Sault Ste. Marie to the south-east and Thunder Bay to the west (Figure 1). The property encompasses NTS zones 42C/ 10, 11, 14 and 15, overlaps the Odlum, Strickland, Gourlay, Tedder, Hambleton, Cooper, Nameigos, Abraham and Bayfield Townships, and falls within the Sault Ste. Marie Mining Division.

Most of the property is accessible via a series of gravel logging roads controlled by White River Forest Products Ltd., namely, Road No. 100, Road No. 200, Road No. 300, Road No. 305, and Robert's Rd, among others (Figure 2). Road No. 100 extends north from the western end of White River. Road No. 200 intersects Road No. 100, approximately 20 km from Highway 17 and provides access to the western and southern portions of the property. Road No. 300 intersects Road No. 100 approximately 36 km from Highway 17 and provides access to the very northern portion of the property. Road No. 305 intersects Road No. 300 at approximately the 6 km mark and provides access to northern and eastern parts of the property. Robert's Rd is located east of Highway 631 and provides access to eastern parts of the property as well. Figure 2 shows a map of the major roads that run through the property. Some far north and far east portions of the property are best accessed through secondary logging roads using all-terrain vehicles. Other options include access by way of float plane based in White River, or by helicopter based in Wawa or Marathon.

Access to the Sugar Zone Mine site specifically can be obtained via logging road No. 200 and then through the Harte Access Road (Figure 2). Road No. 200 begins on the west side of Highway 631; approximately 30 km northeast out of White River. The total distance from White River to the Sugar Zone Mine is approximately 50 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 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.

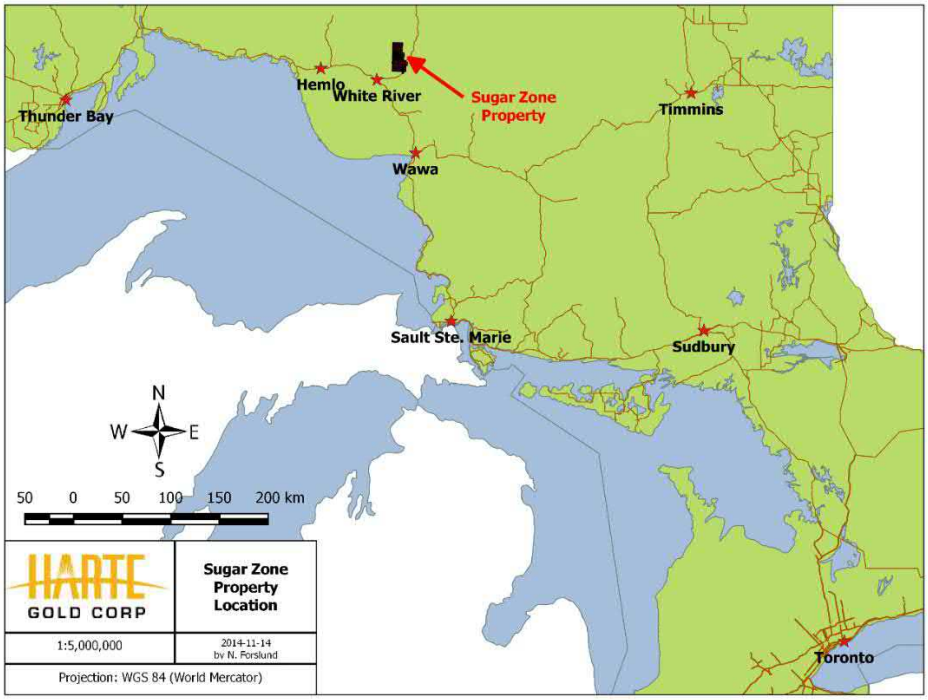

Figure 1- Property Location

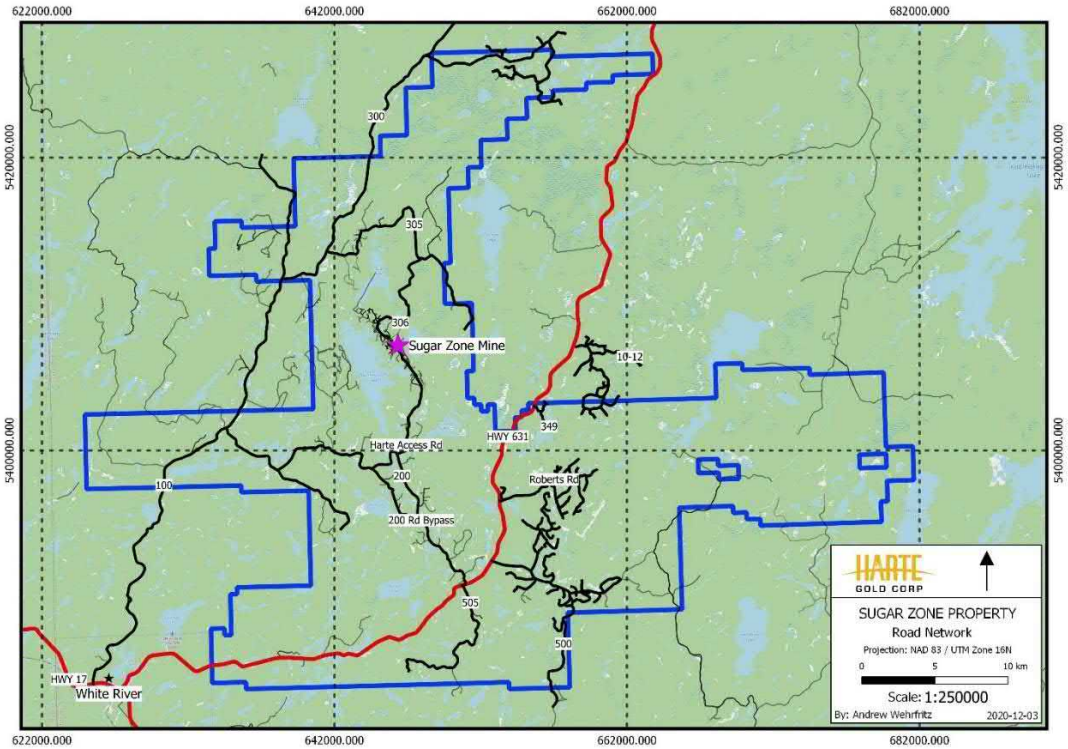

Figure 2 – Sugar Zone Property Road Network

2.2 Description of Mining Claims

The Sugar Zone property consists of four leases comprised of 79 claims and 422 unpatented, contiguous mining claims comprising 3,108 units and 49,728 hectares. All claims are held in the name of Harte Gold Corp. A full list of the mining lease clams can be found in Appendix A 'Schedule A' and a complete list of unpatented mining claims can be found in Appendix A 'Schedule B'. Property and claim boundaries are shown in Figure 3.

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

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

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

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

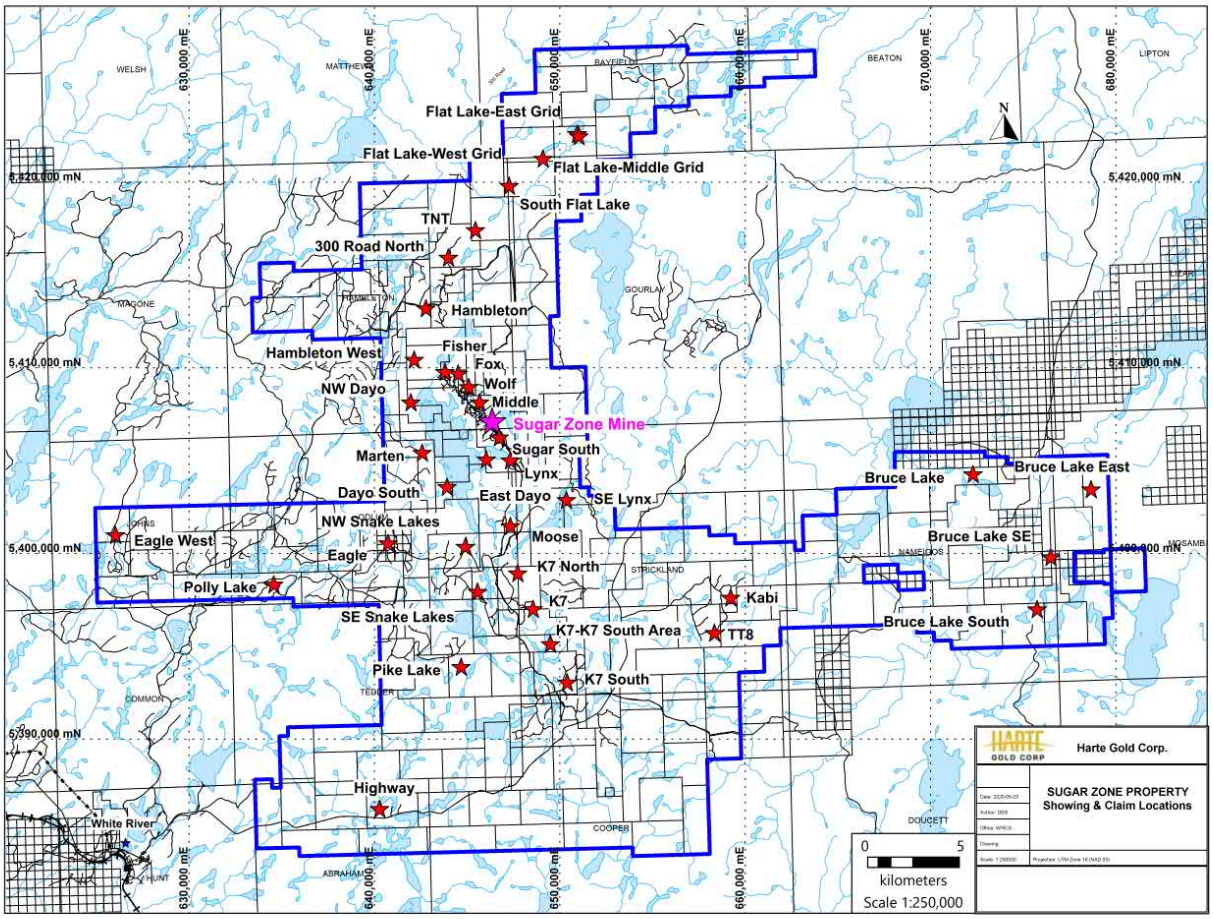

Figure 3 – Sugar Zone Property claim boundaries.

2.3 Physiography and Vegetation

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

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

The topography on the property varies from moderate to rugged, with lake levels generally at 390 m above sea level, and occasional hills up to 480 m elevation. The overburden is generally between 0 to 20 m deep on the property, with occasional boulderer terrain, and normally approximately 2 to 3 m overlying the Sugar Zone. Vegetation is boreal, with jack pine, fir, poplar

and birch occupying dry uplands and cedar, tamarack and spruce growth on more poorly drained terrain.

3.0 Historical Work

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

1969

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

1983-1986

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

1990

Most of the DGB is staked by a prospecting syndicate.

1991

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

1993

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

On behalf of Akiko Gold Resources Ltd., A.C.A Howe International Ltd., conducted a geological, geochemical and geophysical program over their White River Au Property. The northern quarter of Akiko's grid overlaps with what Harte refers to as the Moose Zone.

1994

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

1998-1999

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

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

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

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

2003-2004

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

2004

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

2008

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

2009

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

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

2010

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

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

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

2011

Between May and June 2011 two more grids totaling 60,800 meters were completed over the fold nose near the north end of the of the 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 shoreline. The 2012 program totaled 1,153 line-km of data essentially covering the rest of the Dayohessarah Greenstone Belt.

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

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

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

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

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

2013

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

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

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

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

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

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

2014

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

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

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

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

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

2015

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

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

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

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

2016

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

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

2017

During the year the Company raised an aggregate of $50 million under bought deal private placements and received $5,063,163 from the exercise of investor and finders warrants and stock options. Funds were used to complete the Company's 70,000 tonne Advanced Exploration Bulk Sample, underground development work associated with the Company's 30,000 Phase I Commercial Permit, mill construction and general corporate purposes.

Harte Gold completed the 70,000 tonne Advanced Exploration Bulk Sample in March 2017 under which it shipped a total of 67,425 dry tonnes at an average grade of 8.28 grams / tonne to Barrick Inc.'s nearby Hemlo Mill for processing. Harte Gold realized approximately $27 million from the advanced exploration bulk sample, which funds were re-invested in the Sugar Zone project.

Harte Gold received a Phase I - 30,000 tonne commercial permit in January 2017. The Phase I program is situated towards the south end of the Sugar Zone Deposit and required the development of a ramp from the Advanced Exploration Bulk Sample at the north end of the Deposit to provide access. Harte Gold established five mining levels and excavated 30,000 tonnes of development ore. The development ore is stockpiled on surface and will serve as the initial feed for the on-site Mill under Phase II Commercial Permits anticipated in June 2018.

In February 2017 Harte Gold submitted a Notice of Material Change ("NOMC") and subsequently received approval to build the Mill Building and install the crusher, ball mill, gravity concentrator, float concentrate circuit, paste back-fill plant, effluent treatment plant and other ancillary items associated with on-site milling process. As of the date hereof construction is well advanced and on schedule for completion in June 2018.

Harte Gold received location approval for its tailing's management facility ("TMF") and commenced preconstruction clearing completed the installation of the west dam. Harte Gold sought and received confirmation from the Canadian Environmental Assessment Agency that no federal environmental assessment is applicable to the project.

Harte Gold submitted a Draft Closure Plan Amendment ("CPA") to the MNDM which CPA provides for full commercial production, on-site milling and the operation of the TMF. Harte Gold is working with the MNDM and MOECC to finalize all outstanding permits in order to begin commissioning the mill in June and production in July.

Harte Gold was also very active with its exploration programs; Harte Gold completed approximately 80,000 meters of drilling during the year. Drill programs focused on:

Moving that portion of the Sugar Zone Deposit between surface and 500m from the inferred resource category to the indicated category. Increasing the number of contained ounces within the newly discovered Middle Zone. Testing for Wolf Zone extensions at depth and other targets along strike.

A regional airborne geophysical survey was also undertaken which resulted in the definition of new exploration targets within and outside the Sugar Zone property. As a result of this survey Harte Gold staked an additional ground to cover a greenstone belt and other targets, to bring the total property package to 79,335 hectares.

2018

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

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

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

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

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

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

power for most site power requirements substantially completed. Redpath is ramping up its underground mine personnel to achieve targeted ore sill development rates. Harte Gold's current permits allow for underground mining and mill processing rates of 550 tpd and 575 tpd respectively. Harte Gold will apply to increase both categories to 800 tpd in Q1 2019.

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

2019

Commercial production was officially declared for the Sugar Zone Mine on January 8th, 2019 after a successful commissioning period. The start up, commissioning and commercial production was achieved over a duration of three months. Permits initially allowed for 575 tonnes per day of production but on May 3rd, 2019 the Ministry of Energy and Northern Development and Mines and the Ministry of Environment conservation and Parks, issued permits authorizing an increase in mine production to 800 tpd. Production continued to ramp up in the ladder half of the year and in August 2019 it was stated that gold production had increased 42% quarter over quarter (Q1 to Q2) to 7754 ounces with an average head grade of 6.01 g/t. The mill processed 53,216 tonnes of ore (591 tpd average) which was a 39% increase quarter over quarter (Q1 to Q2).

On February 20th, 2019 an updated NI 43-101 Resource Report based on 90,000 meters of 2018 drilling was released. The report announced indicated mineral resources at 1.1 million ounces grading 8.12 g/t Au and inferred mineral resources at 558,000 ounces grading 5.88 g/t Au. It also confirmed grade continuity within the Sugar Zone as well as an extension of mineralization along strike to the Wolf Zone. An updated feasibility study was also subsequently released on April 8th, 2019 indicating a probable mineral reserve of 3.9 million tonnes at 7.1 g/t Au.

Near-mine infill drilling continued in 2019 and was focussed on the Middle and Sugar Zone-South areas. Drill results released on August 14th, 2019 announced an increase to the mineralized extent of the Sugar Zone; mineralization was extended 300m south along strike and 200m down dip. Mineralized intersections returned values up to 23.59 g/t Au over 2.02 m. An extension of the upper zone along strike and down dip was also announced, further adding to mineable resources.

Regional exploration on the property in 2019 included prospecting, VLF surveys, and diamond drilling (Hambleton Lake, TNT, K7, and Flat Lake areas). Prospecting in the summer has revealed gold zinc and copper values of up to 253 ppb, .79% and .69% respectively north-northeast of the

Sugar zone which potentially suggests a trend in excess of 10km. Drilling results from Hambleton Lake and K7 returned anomalous gold values of up to 730 ppb. On December 2nd, 2019 Harte Gold announced the discovery of a new high-grade gold showing called the TT8 Zone located approximately 16.5km Southeast of the Sugar Zone. Initial surface chip sampling showed gold values from 11g/t to 247 g/t along a 40-meter strike length hosted in mafic and greywacke sediments. Hanging wall and footwall samples also ran gold values up to 2.64 g/t. The area had previously been mapped as tonalite by the OGS and is believed to be an extension of the Kabinakagami Greenstone belt.

2020

Regional exploration on the property in 2020 was focused predominately on the TT8 Zone and surrounding area. Work completed included diamond drilling, soil sampling, geophysical surveys, and prospecting. A total of 21 holes were drilled in 2020; drill results were positive with the TT8 quartz vein intersected in most of the core. Highlights of the drill assays include 11.14 g/t Au over 1.18 metres, in TT8-20-01 and 33.1 g/t Au over 0.68 metres in TT8-20-06. This expanded mineralization 300 metres along strike and 600 metres down-dip from the original showing.

On November 12, 2020 Harte Gold announced that summer prospecting had returned five new gold showings on strike with the TT8 Showing. These new showings extend the TT8 mineralization trend to 11 km. Initial channel sampling and grab samples from these showings have revealed Au values up to 102 g/t in quartz veins and 2.8 g/t in the hanging and footwall rocks. In addition to this, prospecting also confirmed the connection of the Kabinakagami Lake Greenstone Belt and the Dayohessarah Lake Greenstone Belt via a narrow extension running through the TT8 area.

4.0 Geological Setting

4.1 Regional Geology

The DGB is situated between two larger greenstone belts; the Hemlo Greenstone Belt to the west and the Kabinakagami Greenstone Belt to the east. These greenstone belts are part of the larger, east trending Schreiber-White River Belt of the Wawa Subprovince of the Superior Craton (Figure 4). The Late Archean DGB trends northwest and forms a narrow, eastward concave crescent. The belt is approximately 36 km in length and varies in width from 1.5 to 5.5 km. Principal lithologies in the belt are moderately to highly deformed metamorphosed volcanics, volcaniclastics and sediments that have been enclosed and intruded by tonalitic to granodioritic quartz-porphyry plutons.

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

(GM.Stott,1999).

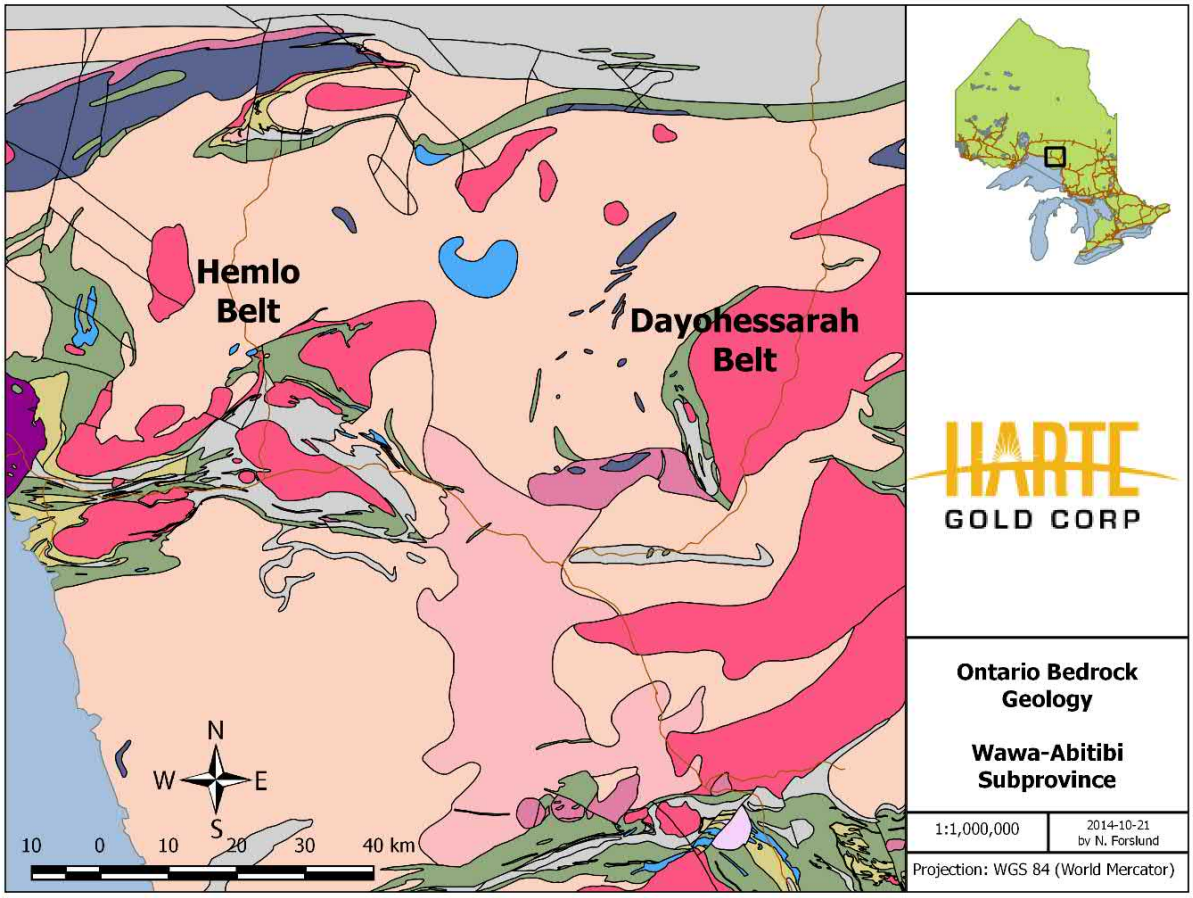

Figure 4 - Regional Geology

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.

4.2 Property Geology

Near Dayohessarah Lake, the belt is dominated by a basal sequence of massive to pillowed mafic volcanics, commonly with ellipsoidal, bleached alteration pods, overlain by intermediate tuff and lapilli tuff. The tuffaceous units rapidly grade upwards to a sedimentary sequence consisting of greywacke and conglomerates derived from volcanics, sediments and felsic intrusive sources (G. M. Stott, 1996a,b,c). Several thin, continuous cherty sulphide facies iron formations are found in the mafic volcanic sequence. Spinifex textured komatiitic flows stratigraphically underlie the main sedimentary sequence and can be traced around the north end of Dayohessarah Lake. Also, at the north end of Dayohessarah Lake, mafic and ultramafic sills and stocks underlie the komatiites (Figure 6).

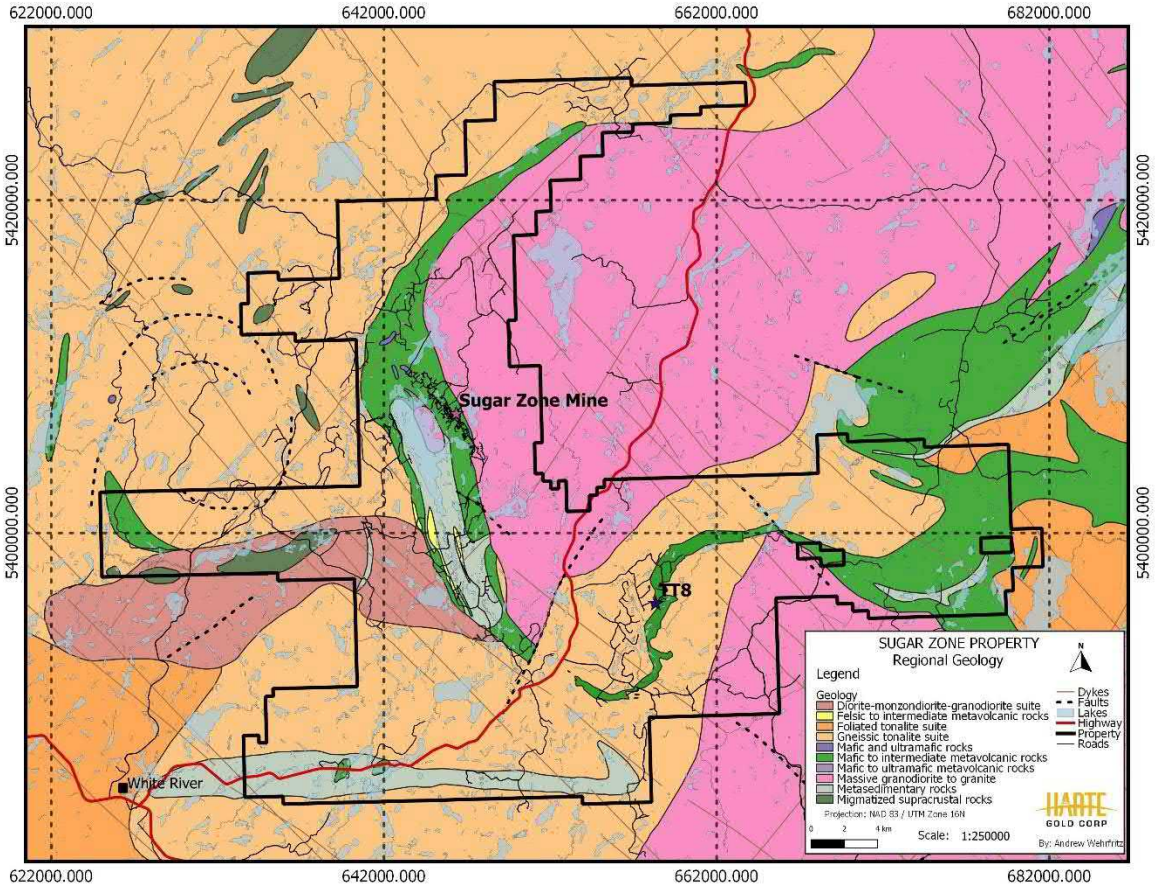

Figure 5 - Regional Geology of the Sugar Zone Property

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

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

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

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

The Hanging Wall, Interzone and Footwall volcanic horizons consist predominantly of massive and pillowed basalt flows generally striking northwest and dipping at an average angle of 64° to the southwest. Coarse to very coarse grained, locally gabbroic-textured phases form a significant component of the Hanging Wall mafic volcanic package. It is believed that these phases represent thick, slowly cooled portions of the massive mafic flows, as they commonly grade into 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.

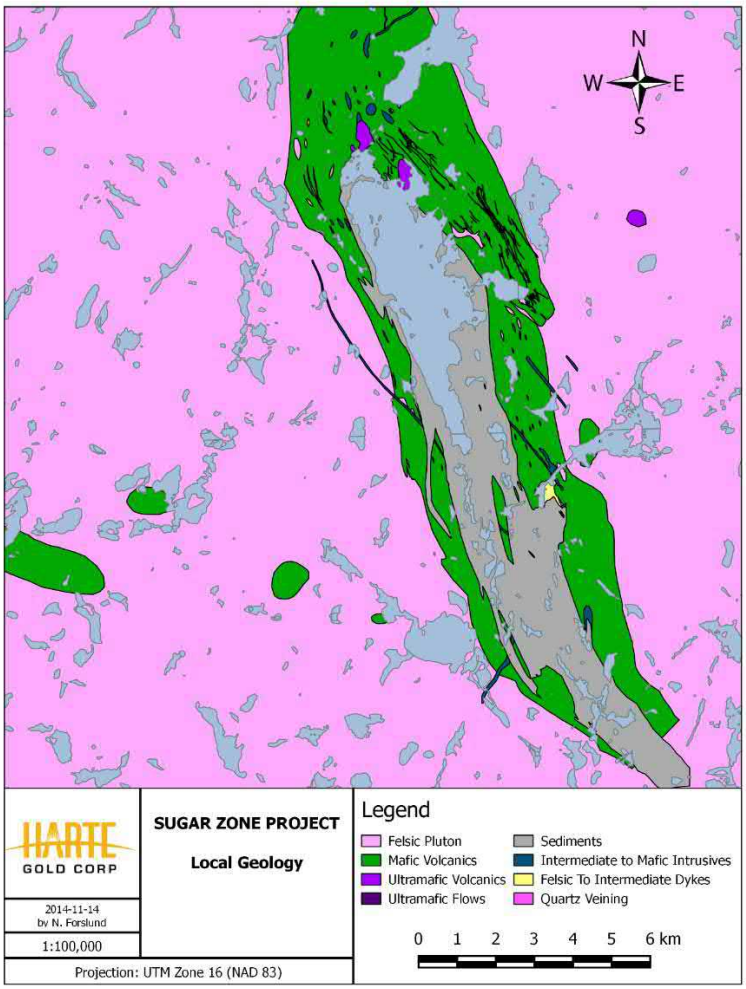

Figure 6 – Geology of the Dayohessarah Lake Greenstone Belt

5.0 Mineralization

5.1 Sugar Zone

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

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

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

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

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

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

5.2 TT8 Zone

The TT8 area is dominated by tonalite with lessor amount of greywacke sediments and mafic tuffs (Figure 5). The TT8 area is also host to the TT8 quartz vein structure. Chip sampling on surface returned gold values ranging from 11.1 g/t to 247 g/t from 17 samples utilzing the screen metallic assay method. The 17 samples were collected along a single 10-30cm wide quartz vein for 40 meters along strike.

The TT8 showing consists of a single coarse grained, smoky-grey quartz vein hosting 10-15% py, po, mt and at times 1-2% chalcopyrite. The vein varies in width from 10 cm to 30 cm and strikes approximately 30º NE and dips 20º to the southeast.

Initial drill results in early 2020 were positive with the TT8 quartz vein intersected in 13 of the 15 holes, expanding mineralization 300 metres along strike and 600 metres down-dip from the original showing. Visible gold was noted in 10 of the 15 holes drilled. Highlights of the drill assays include 11.14 g/t Au over 1.18 metres, or 33.3 g/t Au over 0.39 metres, in TT8-20-01 and 33.1 g/t Au over 0.68 metres in TT8-20-06.

All drilling intersected the same sequence of rock types beginning with greywacke/mafic tuff interbedding in the hanging wall, followed by the TT8 quartz vein system and ending in footwall greywacke sediments followed by foliated tonalite. This package of rocks is intruded by coarse grained pegmatite and quartz-feldspar porphyry dykes and sills.

6.0 Analytical Procedures

6.1 Sample Collection, Preparation, Analyses and Security

- All samples collected in the field are logged into a sample database, data such as lithology, mineralization, GPS coordinates and structural geology are recorded. Samples are then bagged and then placed into a rice bag for shipment. Standards and blanks are both included in each shipment to the lab. Samples are delivered to the Harte Gold warehouse for shipment.

6.2 Laboratory Methods

Sample Preparation

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

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

All of Actlabs steel mills are now mild steel and do not induce Cr or Ni contamination. Quality of crushing and pulverization is routinely checked as part of their quality assurance program. All equipment is cleaned using quartz and air from a compressed air source. Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of Actlabs quality assurance program.

RX1	Crush (<7kg) up to 90% passing 2mm, riffle split (250g) and pulverize (mild steel) to 95% passing 105u. Cleaner sand included

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

Fire Assay Fusion

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

AA Finish

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

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

Element	Detection Limit	Upper Limit
Au	5	5,000

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

Fire Assay

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

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

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

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

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

Metallic Screen

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

Fire Assay

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

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

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

Element	Detection Limit
Au	0.03

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

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

"Near Total" Digestion - ICP Portion

A 0.25 g sample is digested with four acids beginning with hydrofluoric, followed by a mixture of nitric and perchloric acids, heated using precise programmer controlled heating in several

ramping and holding cycles which takes the samples to incipient dryness. After incipient dryness is attained, samples are brought back into solution using aqua regia.

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

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

"Near Total" Digestion – ICP/MS Portion

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

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

Code Ultratrace-6 Elements and Detection Limits (ppm)

Element	Detection	Upper	Reported
Ag	0.05	100	ICP&ICP/MS
Al	0.01%	10%	ICP
As	0.1	10,000	ICP/MS
Ba	1	5,000	ICP/MS
Be	0.1	1,000	ICP/MS
Bi	0.02	2,000	ICP/MS
Ca	0.01%	50%	ICP
Cd	0.1	1,000	ICP/MS
Ce	0.1	10,000	ICP/MS
Co	0.1	500	ICP/MS
Cr	1	5,000	ICP/MS
Cs	0.05	100	ICP/MS
Cu	0.2	10,000	ICP/MS
Dy	0.1	5,000	ICP/MS
Er	0.1	1,000	ICP/MS
Eu	0.05	100	ICP/MS
Fe	0.01%	50%	ICP
Ga	0.1	500	ICP/MS
Ge	0.1	500	ICP/MS
Gd	0.1	5,000	ICP/MS
Hf	0.1	500	ICP/MS
Hg	10 ppb	10,000	ICP/MS
Ho	0.1	1,000	ICP/MS

Element	Detection	Upper	Reported
Na	0.01%	3%	ICP
Nb	0.1	500	ICP/MS
Nd	0.1	10,000	ICP/MS
Ni	0.5	5,000	ICP/MS
P	0.001%	10%	ICP
Pb	0.5	5,000	ICP/MS
Pr	0.1	1,000	ICP/MS
Rb	0.2	5,000	ICP/MS
Re	0.001	100	ICP/MS
S+	0.01%	20%	ICP
Sb	0.1	500	ICP/MS
Sc	1	-	ICP
Se	0.1	1,000	ICP/MS
Sm	0.1	100	ICP/MS
Sn	1	200	ICP/MS
Sr	0.2	1,000	ICP/MS
Ta	0.1	1,000	ICP/MS
Tb	0.1	100	ICP/MS
Te	0.1	500	ICP/MS
Th	0.1	500	ICP/MS
Ti	0.0005%	-	ICP
Tl	0.05	500	ICP/MS
Tm	0.1	1,000	ICP/MS

In	0.1	100	ICP/MS		U	0.1	10,000	ICP/MS
K	0.01%	5%	ICP		V	1	1,000	ICP/MS
La	0.1	10,000	ICP/MS		W	0.1	200	ICP/MS
Li	0.5	400	ICP/MS		Y	0.1	10,000	ICP/MS
Lu	0.1	100	ICP/MS		Yb	0.1	5,000	ICP/MS
Mg	0.01%	50%	ICP		Zn	0.2	10,000	ICP/MS
Mn	1	10,000	ICP		Zr	1	5,000	ICP/MS
Mo	0.1	10,000	ICP/MS					

7.0 2020 Prospecting Program

In the fall of 2019, a greenstone hosted Au-bearing quartz vein was discovered in the eastern portion of the property (TT8 Zone). 17 chip samples were taken on surface 40 meters along strike of the vein and assay results returned gold values ranging from 11.1 g/t to 247 g/t. Discovery of the greenstone host rock was also of significance because the current OGS geological maps have previously mapped the entire TT8 area as tonalite.

The goal of the 2020 prospecting program was to follow up on the initial TT8 vein showing on the eastern portion of the Sugar Zone Property (Figure 5) and to further delineate the greenstone that the vein is hosted in. From July 7th 2020 to November 13th 2020 a ground prospecting program was conducted in the TT8 area, foccussing specifically on areas on-strike to the TT8 showing.

A total of 541.39km of traverse lines were completed over the course of 104 different traverses. A table summarizing each traverse as well as a map depicting all traverses completed can be found in Appendices H and L respectively. Stations were collected along each traverse identifying rocks and classifying them into three categories: floats, outcrop, and possible outcrop. A total of 1928 prospecting stations were collected over the course of the program. A table summarizing each station can be found in Appendix E and a map showing locations of each category can be found in Appendix L. Appendix B contains the geological rock code legend.

In addition to the prospecting station points a total of 279 rock samples (predominately grab samples) were collected. All rock samples were shipped to Actlabs for Au Fire Assay and ICP geochemistry analysis. A table summarizing each rock sample taken as well as assay results can be found in Appendix F and a map showing all sample locations with sample numbers can be found in Appendix L.

The 2020 prospecting program was able to successfully discover five new gold showings: The Longshot showing, the Smoking Aces showing, the Money Showing, the Big Bear showing and the Southern showing. Rock sample analysis over these areas returned nearly two dozen samples with gold values >1 g/t. The highest value returned was from channel sample number 785563 which had a gold concentration of 102 g/t along the Money Showing. Au values in the Money Showing are contained in a quartz vein (~0.8m wide) running parallel to the mafic tuff/greywacke host rock. The remaining showings contain Au bearing quartz veins ranging from ~1-3cm in width. Figure 7 depicts the locations for all the showings as well as notable rock sample values with prospecting tracks overlaid. As mentioned earlier the complete list of rock sample values can be found in Appendix F. In addition to the gold showings the prospecting program was also able to successfully delineate a greenstone extension cutting through the area that had

previously been mapped as tonalite. See Figure 5 for the current property geology map of the Sugar Zone property.

After discovery of the Au showings, three small soil sampling grids were completed over the TT8, Smoking Aces and Long Shot showings. Each grid contained three lines; grid lines were placed 50 meters apart and samples were taken 12m from one another. A total of 115 soil samples were collected across all three grids. All soil samples were sent to Actlabs for Au Fire analysis and ICP geochemical analysis. A table summarizing all soil samples and results can be found in Appendix G, and map depicting the locations of all samples can be found in Appendix L. Soil samples did not return any significant Au or geochemical results over their respective areas.

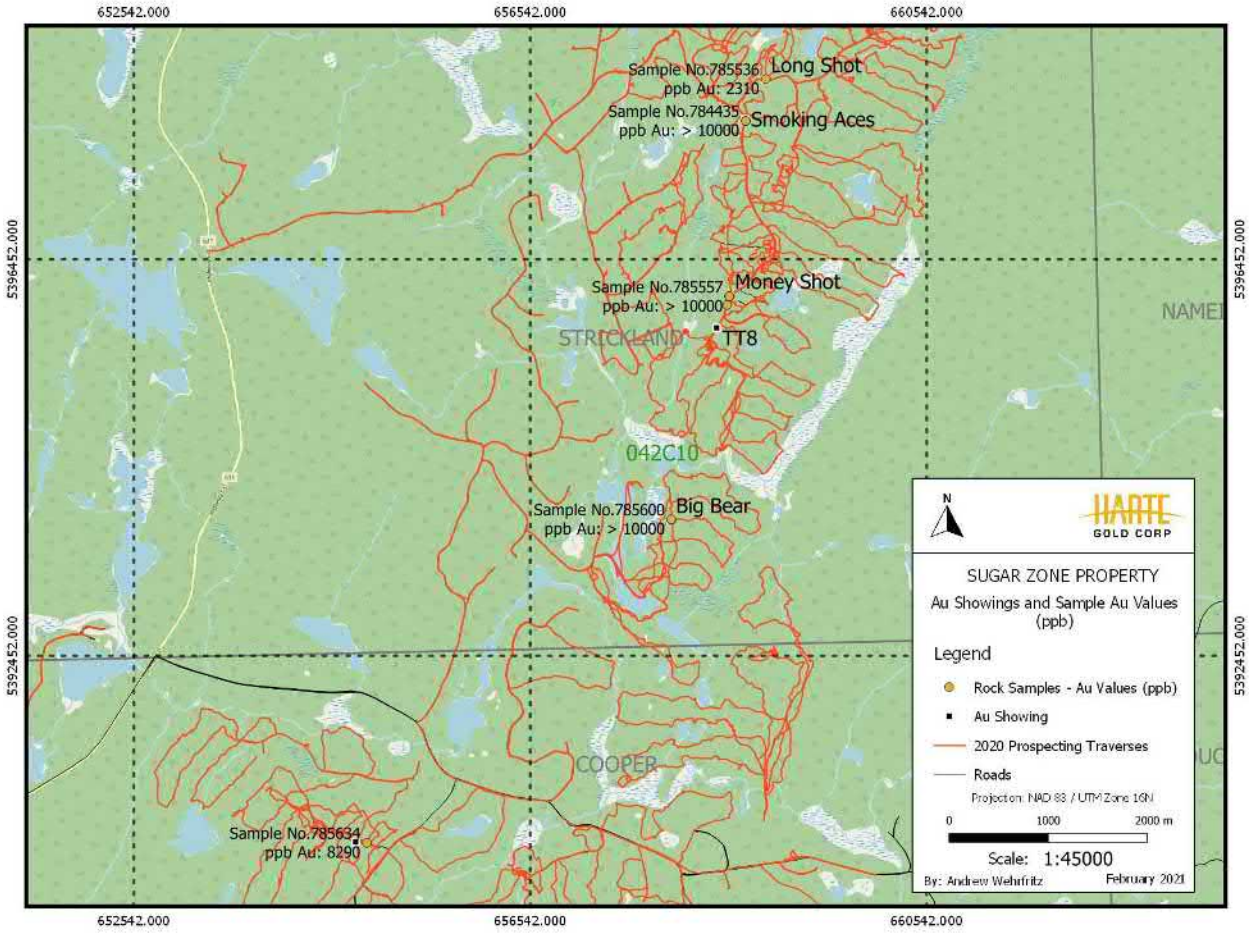

Figure 7 – Au showings with selected rock samples and values.

8.0 Conclusions and Recommendations

The 2020 prospecting program has led to the discovery of five new gold showings with high grade values in the TT8 area (Figure 7) as well as the delineation of a greenstone extension cutting through an area that had previously believed to be tonalite (Figure 5).

10.0 References

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Stott, G.M., 1996b. Precambrian Geology of Dayohessarah Lake Area (Central area), Ontario Geological Survey, Preliminary map no. 3310.

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

11.0 Statement of Qualifications

I, Andrew N. Wehrfritz, of, Richmond Hill, Ontario, hereby certify that:

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

I am a graduate of the University of Waterloo, B.Sc. (Hons. Earth Sciences), 2011 and a graduate of the University of Waterloo, M.Sc. (Earth Sciences), 2016.

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

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

I have no personal interest in the property.

Dated this 28th day of February 2021 at White River, Ontario.

_____

Andrew N. Wehrfritz, M.Sc., G.I.T.

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

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

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

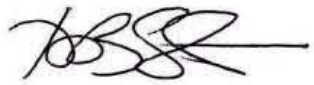
I have practiced my profession as a geologist for over 35 years in various provinces and territories across Canada as well as Norway.

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

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

I have no personal interest in the property.

Dated this 28th day of February 2021 at Thunder Bay, Ontario.



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

Appendix A – Property Claims List

Schedule "A"
Sugar Zone Mining Leases

Claim #	Twp.	Issued	Anniversary	Area (Ha.)	Reserve		Lease #	Rights	PIN	Reg'd Plan	
1069332	HAMBLETON	01-Jun-15	31-May-36	393.38	$3,828	Lease	CLM514	MR+SR	31054-0003	Pts. 1-9, 1R-13011	
1069333	HAMBLETON				$7,320	Lease	CLM514	MR+SR	31054-0004		
1069343	HAMBLETON				$3,989	Lease	CLM514	MR+SR	31054-0005		
1069344	HAMBLETON				$851	Lease	CLM514	MR+SR, MRO	31054-0006		
1069345	HAMBLETON				$3,729	Lease	CLM514	MR+SR, MRO			
1069346	HAMBLETON				$3,621	Lease	CLM514	MR+SR			
1182993	HAMBLETON				$1,519	Lease	CLM514	MR+SR			
1232640	GOURLAY				$302	Lease	CLM514	MR+SR, MRO			
1235595	HAMBLETON				$3,263	Lease	CLM514	MR+SR, MRO			
1069327	HAMBLETON	01-May-15	30-Apr-36	282.67	$3,932	Lease	CLM515	MR+SR, MRO	31053-0001	Pts. 1-9, 1R-13039	
1069328	HAMBLETON				$6,981	Lease	CLM515	MR+SR			
1069329	HAMBLETON				$28,415	Lease	CLM515	MR+SR			
1069330	HAMBLETON				$6,199	Lease	CLM515	MR+SR			
1069331	HAMBLETON				$7,819	Lease	CLM515	MR+SR			
1069334	HAMBLETON				$5,851	Lease	CLM515	MR+SR			
1069335	HAMBLETON				$5,914	Lease	CLM515	MR+SR			
1069336	HAMBLETON				$32,451	Lease	CLM515	MR+SR			
1069337	HAMBLETON				$7,427	Lease	CLM515	MR+SR, MRO			
1069338	HAMBLETON				$1,426	Lease	CLM515	MR+SR, MRO			
1069339	HAMBLETON				$4,461	Lease	CLM515	MR+SR, MRO			
1069340	HAMBLETON				$6,587	Lease	CLM515	MR+SR			
1069341	HAMBLETON				$39,482	Lease	CLM515	MR+SR			
1069342	HAMBLETON				$120,283	Lease	CLM515	MR+SR			
1069347	HAMBLETON				$343,207	Lease	CLM515	MR+SR			
1069348	HAMBLETON				$8,049	Lease	CLM515	MR+SR, MRO			
1069349	HAMBLETON				$3,569	Lease	CLM515	MR+SR, MRO			
1069350	HAMBLETON				$7,532	Lease	CLM515	MR+SR, MRO			
1135498	HAMBLETON				$930,312	Lease	CLM515	MR+SR			
1182994	HAMBLETON				$1,458,826	Lease	CLM515	MR+SR			
4270162	HAMBLETON					Lease	CLM515	MR+SR			
937770	ODLUM	01-May-15	30-Apr-36	279.83	$174	Lease	CLM516	MR+SR	31078-0001	Pts. 1-11, 1R-13038	
1043803	ODLUM					Lease	CLM516	MR+SR, MRO			
1043811	ODLUM					Lease	CLM516	MR+SR, MRO			
1043812	ODLUM					Lease	CLM516	MR+SR, MRO			
1069356	ODLUM				$600	Lease	CLM516	MR+SR			
1069357	ODLUM				$600	Lease	CLM516	MR+SR, MRO			
1069358	ODLUM				$600	Lease	CLM516	MR+SR, MRO			
1069363	ODLUM				$382	Lease	CLM516	MR+SR, MRO			
1069364	ODLUM				$306	Lease	CLM516	MR+SR, MRO			
1069365	ODLUM				$200	Lease	CLM516	MR+SR, MRO			
1069372	ODLUM					Lease	CLM516	MRO			
1069373	ODLUM					Lease	CLM516	MR+SR, MRO			
1069374	ODLUM				$102	Lease	CLM516	MR+SR, MRO			
1078250	ODLUM					Lease	CLM516	MR+SR, MRO			
1078251	ODLUM				$617	Lease	CLM516	MR+SR, MRO			
1078252	ODLUM				$1,388	Lease	CLM516	MR+SR, MRO			
1135499	HAMBLETON				$741,876	Lease	CLM516	MR+SR			
1194337	HAMBLETON				$1,719	Lease	CLM516	MR+SR			
1194340	ODLUM				$306	Lease	CLM516	MR+SR, MRO			
937771	ODLUM	01-May-15	30-Apr-36	511.38	$287	Lease	CLM517	MR+SR	31077-0001	Pts. 1-8, 1R-13019	
937772	ODLUM				$174	Lease	CLM517	MR+SR			
1043806	ODLUM					Lease	CLM517	MR+SR, MRO			
1043807	ODLUM					Lease	CLM517	MR+SR			
1043808	ODLUM				$200	Lease	CLM517	MR+SR, MRO			
1043809	ODLUM				$1	Lease	CLM517	MR+SR, MRO			
1043810	ODLUM					Lease	CLM517	MRO			
1069352	HAMBLETON				$113,438	Lease	CLM517	MR+SR			
1069353	HAMBLETON				$1,000	Lease	CLM517	MR+SR, MRO			
1069354	ODLUM				$10,426	Lease	CLM517	MR+SR, MRO			
1069355	ODLUM				$30,262	Lease	CLM517	MR+SR			
1069366	ODLUM				$9,613	Lease	CLM517	MR+SR, MRO			
1069367	ODLUM				$66,094	Lease	CLM517	MR+SR, MRO			
1069368	ODLUM				$200	Lease	CLM517	MR+SR, MRO			
1069369	ODLUM				$200	Lease	CLM517	MR+SR, MRO			
1069370	ODLUM				$154	Lease	CLM517	MR+SR, MRO			
1069371	ODLUM					Lease	CLM517	MR+SR, MRO			
1140638	STRICKLAND				$174	Lease	CLM517	MR+SR, MRO			
1140639	STRICKLAND				$174	Lease	CLM517	MR+SR, MRO			
1140640	STRICKLAND				$350	Lease	CLM517	MR+SR			
1140641	STRICKLAND					Lease	CLM517	MR+SR			
1140642	STRICKLAND					Lease	CLM517	MR+SR			
1140643	STRICKLAND				$306	Lease	CLM517	MR+SR			
1140644	STRICKLAND					Lease	CLM517	MR+SR			
1140645	STRICKLAND					Lease	CLM517	MR+SR			
1140646	STRICKLAND					Lease	CLM517	MR+SR			
1140647	STRICKLAND				$306	Lease	CLM517	MR+SR			
1140658	STRICKLAND				$306	Lease	CLM517	MR+SR			
1140659	STRICKLAND				$306	Lease	CLM517	MR+SR			
1140660	STRICKLAND				$306	Lease	CLM517	MR+SR			
			1467.26								

Schedule "B"
Sugar Zone - Claims

Township / Area	Tenure ID	Tenure Type	Tenure Status	Issue Date	Anniversary Date
TEDDER	531151	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531172	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
TEDDER	531155	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531175	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
TEDDER	531031	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531171	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
TEDDER	531173	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
TEDDER	531153	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531152	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531094	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531095	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531096	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531097	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531154	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531169	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
TEDDER	531098	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531099	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531100	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531027	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531079	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531022	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
TEDDER	531174	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
TEDDER	531080	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
TEDDER	531047	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531023	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
TEDDER	531111	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
TEDDER	531156	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
TEDDER	531048	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
TEDDER	531046	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531126	Single Cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531089	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531091	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531114	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531151	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531116	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531117	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531118	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531120	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531121	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531093	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531119	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	564909	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29

COOPER	564959	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
COOPER	564961	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
COOPER	531163	Multi-cell Mining Claim	Active	2018-09-11	2022-01-09
COOPER	531164	Multi-cell Mining Claim	Active	2018-09-11	2022-01-10
COOPER	564960	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
COOPER	531115	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
COOPER	531152	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531087	Multi-cell Mining Claim	Active	2018-09-10	2022-01-18
COOPER	531088	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531092	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531096	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531097	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531139	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531166	Multi-cell Mining Claim	Active	2018-09-11	2022-01-09
COOPER	531100	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531090	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531113	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531165	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
COOPER	531111	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531112	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
COOPER	531084	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
COOPER	531085	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
NAMEIGOS	531304	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531282	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
NAMEIGOS	531288	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	102261	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	104062	Boundary Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	102955	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	102956	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	102957	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	103256	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	565901	Multi-cell Mining Claim	Active	2019-12-03	2021-11-29
NAMEIGOS	117345	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	118285	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	118287	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	531309	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531289	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
NAMEIGOS	122945	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	125852	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	125769	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	127131	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	125817	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	133689	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	134919	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	564962	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
NAMEIGOS	141005	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	150356	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16

NAMEIGOS	151061	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	154316	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	155027	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	531345	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-02-16
NAMEIGOS	157827	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	159665	Boundary Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	170921	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	170388	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	170953	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	170954	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	173870	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	531350	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	186239	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	186240	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	531290	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531291	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531292	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531293	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531294	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531295	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531296	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531306	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	186333	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	531283	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	189153	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	189186	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	189211	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	531340	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
NAMEIGOS	531344	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
NAMEIGOS	208950	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	208958	Single Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	564909	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
NAMEIGOS	531335	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
NAMEIGOS	531331	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
NAMEIGOS	531332	Multi-cell Mining Claim	Active	2018-09-12	2022-02-16
NAMEIGOS	531347	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	219164	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	219128	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	220366	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	220373	Single Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	564908	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
NAMEIGOS	227074	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	225048	Boundary Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	229063	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	564963	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
NAMEIGOS	238950	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	565900	Multi-cell Mining Claim	Active	2019-12-03	2021-11-29

NAMEIGOS	531351	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-01-09
NAMEIGOS	531284	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531333	Multi-cell Mining Claim	Active	2018-09-12	2022-02-16
NAMEIGOS	265657	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	531341	Multi-cell Mining Claim	Active	2018-09-12	2022-02-16
NAMEIGOS	531342	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
NAMEIGOS	531338	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-02-16
NAMEIGOS	531276	Multi-cell Mining Claim	Active	2018-09-12	2022-02-22
NAMEIGOS	531285	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531334	Multi-cell Mining Claim	Active	2018-09-12	2022-02-16
NAMEIGOS	266283	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	267591	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	274252	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	276303	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	531349	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531352	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-01-09
NAMEIGOS	531346	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-02-16
NAMEIGOS	281507	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	286384	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	286410	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	531280	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
NAMEIGOS	531281	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
NAMEIGOS	282751	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	286341	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	286342	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	286343	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	287639	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	290157	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	302908	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	531279	Multi-cell Mining Claim	Active	2018-09-12	2022-02-22
NAMEIGOS	531286	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	322925	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	319552	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	335993	Single Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-01-08
NAMEIGOS	344618	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
NAMEIGOS	344511	Boundary Cell Mining Claim	Active Pending Proceedings	2018-04-10	2021-02-16
NAMEIGOS	514033	Single Cell Mining Claim	Active	2018-04-11	2021-04-11
NAMEIGOS	514035	Single Cell Mining Claim	Active	2018-04-11	2021-04-11
NAMEIGOS	531297	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531298	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531299	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531300	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531301	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531302	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531305	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531343	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
NAMEIGOS	531337	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-02-16

NAMEIGOS	531336	Multi-cell Mining Claim	Active Pending Proceedings	2018-09-12	2021-02-16
NAMEIGOS	531316	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
NAMEIGOS	531317	Single Cell Mining Claim	Active	2018-09-12	2022-01-09
MATTHEWS	531242	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
MOSAMBIK	531287	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	531288	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	118071	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	117527	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	125756	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	153728	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	170250	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	531350	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	188477	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	531347	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	531348	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	221060	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	226382	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	265657	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	274244	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	273604	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	273605	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	531349	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	276267	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	293144	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	531286	Multi-cell Mining Claim	Active	2018-09-12	2022-01-09
MOSAMBIK	336697	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	344618	Single Cell Mining Claim	Active	2018-04-10	2022-01-09
MOSAMBIK	532869	Multi-cell Mining Claim	Active	2018-10-09	2021-04-10
GOURLAY	531231	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531232	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
GOURLAY	531226	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531229	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531221	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531230	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531240	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
GOURLAY	531243	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531241	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
GOURLAY	531234	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
GOURLAY	531222	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531224	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531225	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531219	Multi-cell Mining Claim	Active	2018-09-11	2021-11-20
GOURLAY	531220	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
GOURLAY	531233	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
ABRAHAM	531086	Multi-cell Mining Claim	Active	2018-09-10	2022-01-18
ABRAHAM	531087	Multi-cell Mining Claim	Active	2018-09-10	2022-01-18
ABRAHAM	531081	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22

ABRAHAM	531094	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
ABRAHAM	531095	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
ABRAHAM	531096	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
ABRAHAM	531080	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
ABRAHAM	531082	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
ABRAHAM	531083	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
ABRAHAM	531084	Multi-cell Mining Claim	Active	2018-09-10	2022-03-10
ABRAHAM	531048	Multi-cell Mining Claim	Active	2018-09-10	2022-02-22
STRICKLAND	531273	Multi-cell Mining Claim	Active	2018-09-12	2021-11-16
STRICKLAND	531275	Multi-cell Mining Claim	Active	2018-09-12	2021-11-16
STRICKLAND	531271	Multi-cell Mining Claim	Active	2018-09-12	2021-11-16
STRICKLAND	110507	Single Cell Mining Claim	Active	2018-04-10	2021-12-03
STRICKLAND	531184	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	531185	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531196	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531272	Multi-cell Mining Claim	Active	2018-09-12	2021-12-03
STRICKLAND	531278	Multi-cell Mining Claim	Active	2018-09-12	2021-11-16
STRICKLAND	531120	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
STRICKLAND	531121	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
STRICKLAND	531119	Multi-cell Mining Claim	Active	2018-09-10	2022-01-10
STRICKLAND	564958	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	531175	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	531197	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	531221	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	564909	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	564959	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	564965	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	531223	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531162	Multi-cell Mining Claim	Active	2018-09-11	2021-11-16
STRICKLAND	531164	Multi-cell Mining Claim	Active	2018-09-11	2022-01-10
STRICKLAND	531171	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	564964	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	531195	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	564966	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	564908	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	564963	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
STRICKLAND	531152	Multi-cell Mining Claim	Active	2018-09-10	2022-01-09
STRICKLAND	531276	Multi-cell Mining Claim	Active	2018-09-12	2022-02-22
STRICKLAND	531277	Multi-cell Mining Claim	Active	2018-09-12	2022-02-22
STRICKLAND	531274	Multi-cell Mining Claim	Active	2018-09-12	2021-11-16
STRICKLAND	531280	Multi-cell Mining Claim	Active	2018-09-12	2021-04-11
STRICKLAND	531279	Multi-cell Mining Claim	Active	2018-09-12	2022-02-22
STRICKLAND	531166	Multi-cell Mining Claim	Active	2018-09-11	2022-01-09
STRICKLAND	531168	Multi-cell Mining Claim	Active	2018-09-11	2021-11-16
STRICKLAND	531167	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531169	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	531157	Multi-cell Mining Claim	Active	2018-09-10	2021-04-21

STRICKLAND	531178	Multi-cell Mining Claim	Active	2018-09-11	2021-11-16
STRICKLAND	531179	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531165	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
STRICKLAND	531160	Multi-cell Mining Claim	Active	2018-09-11	2022-02-22
STRICKLAND	531170	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531181	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531176	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531180	Multi-cell Mining Claim	Active	2018-09-11	2021-11-16
STRICKLAND	531222	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
STRICKLAND	531270	Multi-cell Mining Claim	Active	2018-09-12	2021-12-03
STRICKLAND	531177	Multi-cell Mining Claim	Active	2018-09-11	2021-11-16
STRICKLAND	531156	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
STRICKLAND	531161	Multi-cell Mining Claim	Active	2018-09-11	2022-02-22
HAMBLETON	531254	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
HAMBLETON	531267	Multi-cell Mining Claim	Active	2018-09-12	2021-04-21
HAMBLETON	531268	Multi-cell Mining Claim	Active	2018-09-12	2021-12-23
HAMBLETON	531269	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
HAMBLETON	531215	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
HAMBLETON	531211	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
HAMBLETON	531216	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
HAMBLETON	531244	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531246	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531247	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531208	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
HAMBLETON	531266	Multi-cell Mining Claim	Active	2018-09-12	2021-04-21
HAMBLETON	531227	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
HAMBLETON	531228	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531226	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531245	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531255	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
HAMBLETON	531258	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
HAMBLETON	531210	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
HAMBLETON	531230	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531240	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
HAMBLETON	531243	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531206	Multi-cell Mining Claim	Active	2018-09-11	2021-04-26
HAMBLETON	531209	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
HAMBLETON	531249	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
HAMBLETON	531248	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
HAMBLETON	531241	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531242	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
HAMBLETON	531257	Multi-cell Mining Claim	Active	2018-09-12	2021-12-23
HAMBLETON	531259	Multi-cell Mining Claim	Active	2018-09-12	2022-12-23
HAMBLETON	531264	Multi-cell Mining Claim	Active	2018-09-12	2021-12-17
HAMBLETON	531218	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
HAMBLETON	531217	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
HAMBLETON	531212	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31

HAMBLETON	531265	Multi-cell Mining Claim	Active	2018-09-12	2021-04-21
HAMBLETON	531214	Multi-cell Mining Claim	Active	2018-09-11	2021-07-20
HAMBLETON	531222	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531224	Multi-cell Mining Claim	Active	2018-09-11	2021-12-03
HAMBLETON	531219	Multi-cell Mining Claim	Active	2018-09-11	2021-11-20
HAMBLETON	531256	Multi-cell Mining Claim	Active	2018-09-12	2021-06-13
DOUCETT	564909	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
DOUCETT	564961	Multi-cell Mining Claim	Active	2019-11-29	2021-11-29
DOUCETT	565900	Multi-cell Mining Claim	Active	2019-12-03	2021-11-29
BEATON	549626	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BEATON	549916	Multi-cell Mining Claim	Active	2019-05-15	2021-05-10
BAYFIELD	549626	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BAYFIELD	549597	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BAYFIELD	549916	Multi-cell Mining Claim	Active	2019-05-15	2021-05-10
BAYFIELD	549625	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BAYFIELD	549624	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BAYFIELD	549623	Multi-cell Mining Claim	Active	2019-05-10	2021-05-10
BAYFIELD	531239	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531240	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531242	Multi-cell Mining Claim	Active	2018-09-11	2021-12-17
BAYFIELD	531234	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531235	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531236	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531238	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531233	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
BAYFIELD	531237	Multi-cell Mining Claim	Active	2018-09-11	2021-12-22
ODLUM	112652	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	531184	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
ODLUM	531183	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
ODLUM	113014	Boundary Cell Mining Claim	Active	2018-04-10	2021-06-20
ODLUM	531200	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	531204	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
ODLUM	136581	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	136582	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	137166	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	142645	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	142560	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	155301	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	156716	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	531202	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	531208	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
ODLUM	168606	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	531182	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	171296	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	199956	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	201257	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	205218	Boundary Cell Mining Claim	Active	2018-04-10	2021-06-20

ODLUM	531175	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
ODLUM	531197	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
ODLUM	531199	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	209282	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	209283	Single Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	209284	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	531173	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	531198	Multi-cell Mining Claim	Active	2018-09-11	2021-04-21
ODLUM	531203	Multi-cell Mining Claim	Active	2018-09-11	2021-12-31
ODLUM	531206	Multi-cell Mining Claim	Active	2018-09-11	2021-04-26
ODLUM	531209	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	220821	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	220822	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	236538	Boundary Cell Mining Claim	Active	2018-04-10	2021-06-20
ODLUM	237877	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	255917	Single Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	255918	Single Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	255919	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	531154	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
ODLUM	308490	Boundary Cell Mining Claim	Active	2018-04-10	2021-12-23
ODLUM	323310	Boundary Cell Mining Claim	Active	2018-04-10	2021-06-20
ODLUM	324599	Single Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	334503	Boundary Cell Mining Claim	Active	2018-04-10	2022-02-06
ODLUM	531024	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531016	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531020	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531021	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531027	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
ODLUM	531022	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531025	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	531026	Multi-cell Mining Claim	Active	2018-09-10	2021-12-23
ODLUM	531174	Multi-cell Mining Claim	Active	2018-09-11	2021-12-23
ODLUM	531201	Multi-cell Mining Claim	Active	2018-09-11	2021-10-29
ODLUM	531205	Multi-cell Mining Claim	Active	2018-09-11	2022-03-27
ODLUM	531207	Multi-cell Mining Claim	Active	2018-09-11	2021-07-02
ODLUM	531270	Multi-cell Mining Claim	Active	2018-09-12	2021-12-03
ODLUM	531023	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
ODLUM	530318	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20
ODLUM	531019	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
JOHNS	531020	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
JOHNS	531017	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
JOHNS	530318	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20
JOHNS	531018	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
JOHNS	531019	Multi-cell Mining Claim	Active	2018-09-10	2021-06-20
JOHNS	530314	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20
JOHNS	530316	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20
JOHNS	530313	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20

JOHNS	530317	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20
JOHNS	530315	Multi-cell Mining Claim	Active	2018-08-29	2021-06-20

Appendix B – Geological Legend

Geological Rock Code Legend

ROCK_CODE	ROCK_DESCRIPTION
CAS	Casing
OVB	Overburden
FZ	Fault Zone
SH	Shear
QV	Quartz Vein
1A	Massive Mafic Flows
1ALT	Altered Mafic Volcanic
1B	Pillowed Mafic Flows
1MIN	Mineralized Mafic Flows
1C	Aglomerate
1E	Amygdaloidal/Vesicular Flows
1F	Flow-top Breccia
1H	Mafic Tuff
1U	Ultramafic Flows
1UT	Ultramafic Talc/Chlorite Altered
1Z	Gabbroic with gradational contacts
2B	Felsic Tuff
2E	Intermediate Tuff
3A	Greywacke
3ALT	Altered Sediments
3B	Argillite
3C	Conglomerate
3D	Iron Formation
3G	Sulphide Facies Iron Formation
3S	Siltstone
4A	Quartz Porphyry
4ALT	Altered Feldspar Porphyry
4B	Feldspar Porphyry
4C	Quartz-Feldspar Porphyry
4D	Felsite
4E	Pegmatite
4F	Felsic Dyke
5A	Granite
5B	Granodiorite
5C	Quartz Monzonite
5D	Syenite
5E	Tonalite
6A	Diorite
6B	Gabbro
6C	Amphibolite
6D	Peridotite
6E	Intermediate Dyke
6F	Mafic Dyke
6G	Pyroxenite
7A	Diabase
7B	Diorite
7C	Lamprophyre

Appendix C – Actlabs Assay Certificates

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09188**
Report Date: **02-Oct-20**
Date Submitted: **11-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

93 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-11 17:52:31

REPORT **A20-09188**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-09188**
Report Date: **02-Oct-20**
Date Submitted: **11-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

93 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-24 09:04:21

REPORT **A20-09188**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
TT802	6	22.1	2.23	0.55	6.52	1.80	1.44	< 0.1	45	42	287	2.28	2.0	50	16.2	0.8	1.2	0.3	0.10	2.27	6.6	0.62	0.15
TT803	13	29.4	2.08	0.95	6.58	1.27	2.01	< 0.1	89	54	437	3.77	2.6	60	23.0	0.9	1.0	0.3	0.14	1.94	10.7	0.59	0.26
TT804	6	14.8	2.24	0.44	6.37	1.72	1.28	< 0.1	43	44	204	2.15	4.3	50	14.7	0.7	1.5	0.2	0.18	2.23	6.6	0.51	0.13
TT805	< 5	14.5	1.91	0.34	6.05	1.78	1.20	< 0.1	43	40	181	2.06	3.7	60	10.6	0.7	1.0	0.2	0.18	2.42	4.2	0.48	0.14
TT806	7	17.6	2.24	0.46	5.90	1.67	1.40	< 0.1	48	88	248	2.18	2.8	30	13.5	0.6	1.1	0.2	0.22	2.98	5.8	0.44	0.20
TT807	< 5	14.4	1.98	0.41	6.21	1.68	1.17	< 0.1	48	45	204	2.44	3.5	90	12.2	0.7	1.1	0.2	0.15	2.11	4.6	0.49	0.16
TT808	5	29.0	2.44	0.55	6.19	1.37	1.66	< 0.1	55	45	363	2.57	4.9	50	15.0	0.9	1.1	0.3	0.11	1.49	7.1	0.61	0.15
TT809	6	25.5	1.51	0.44	5.60	1.20	1.11	< 0.1	59	35	243	2.88	1.8	110	12.2	0.7	0.9	0.3	0.13	2.74	4.3	0.50	1.91
TT810	< 5	17.6	2.30	0.50	6.03	1.85	1.49	< 0.1	39	37	240	1.79	0.2	40	14.1	0.8	1.1	0.3	< 0.05	1.50	5.3	0.67	0.20
TT811	< 5	16.5	2.28	0.52	6.02	1.62	1.58	< 0.1	45	35	250	1.99	0.1	50	16.6	0.7	1.0	0.2	0.09	1.83	5.6	0.58	0.20
TT812	5	14.6	2.27	0.51	6.08	1.75	1.47	< 0.1	39	26	255	1.63	0.1	70	15.6	0.9	1.1	0.3	0.06	1.74	5.6	0.64	0.17
TT813	6	8.5	2.49	0.36	6.29	1.70	1.32	< 0.1	30	24	204	1.42	2.8	30	9.3	0.6	1.2	0.2	0.07	1.61	3.5	0.49	0.11
TT814	< 5	10.8	2.32	0.37	5.83	1.76	1.31	< 0.1	39	27	207	1.77	0.1	90	10.1	0.6	1.0	0.2	0.11	2.19	4.1	0.48	0.11
TT815	< 5	19.2	2.09	0.57	5.91	1.68	1.49	< 0.1	56	42	283	2.42	< 0.1	70	17.8	0.8	1.1	0.3	0.12	2.44	6.9	0.55	0.25
TT816	< 5	15.3	2.03	0.42	5.33	1.60	1.28	< 0.1	52	38	237	2.52	0.1	40	15.6	0.7	1.0	0.3	0.11	2.37	5.9	0.53	0.16
TT817	5	19.2	2.10	0.45	5.90	1.53	1.22	< 0.1	45	42	232	2.25	3.5	60	20.4	0.7	1.1	0.3	0.13	2.62	7.7	0.63	0.18
TT818	38	20.3	2.01	0.43	5.25	1.56	1.25	< 0.1	41	31	241	1.85	0.3	50	12.5	0.8	0.9	0.3	0.08	2.95	5.0	0.52	0.16
TT819	< 5	10.1	2.36	0.32	5.84	1.60	1.28	< 0.1	31	21	205	1.37	0.1	30	12.2	0.7	1.2	0.2	< 0.05	1.23	4.7	0.53	0.07
TT820	< 5	11.7	2.52	0.42	6.40	1.71	1.46	0.1	40	30	288	1.74	0.2	50	13.6	0.7	1.3	0.3	0.05	1.26	4.9	0.61	0.08
TT821	< 5	10.3	2.39	0.32	6.77	1.69	1.31	< 0.1	29	20	183	1.24	0.2	20	10.2	0.6	1.1	0.2	< 0.05	1.08	3.7	0.51	0.07
TT822	< 5	11.4	2.26	0.36	6.12	1.60	1.40	< 0.1	40	40	266	1.84	< 0.1	50	12.0	0.8	1.2	0.2	< 0.05	1.07	4.4	0.55	0.09
TT823	< 5	9.8	2.15	0.39	5.98	1.65	1.47	< 0.1	39	27	288	1.67	0.1	40	13.1	0.8	1.1	0.3	< 0.05	0.93	4.7	0.55	0.08
TT824	6	14.3	2.12	0.39	6.74	1.82	1.31	< 0.1	49	31	222	2.08	0.1	40	13.3	0.8	1.2	0.3	0.07	1.48	5.1	0.56	0.15
TT825	< 5	11.4	2.31	0.45	6.08	1.65	1.55	< 0.1	47	41	310	2.17	1.9	40	14.4	1.0	1.3	0.4	< 0.05	0.95	5.6	0.66	0.09
TT826	< 5	9.5	2.31	0.35	5.74	1.62	1.29	< 0.1	33	27	238	1.57	0.2	40	12.3	0.7	1.1	0.2	< 0.05	0.89	4.6	0.53	0.07
TT827	< 5	19.1	1.88	0.47	6.32	1.76	1.35	< 0.1	45	43	239	2.12	0.2	40	20.0	0.8	1.2	0.3	0.07	1.64	7.0	0.53	0.18
TT828	< 5	13.4	2.21	0.41	6.01	1.82	1.38	< 0.1	37	39	232	1.92	0.2	60	15.0	0.8	1.2	0.2	0.06	1.32	5.7	0.55	0.12
TT829	< 5	7.9	2.45	0.34	6.35	1.51	1.42	< 0.1	31	24	226	1.29	0.5	30	8.1	0.5	1.3	0.2	< 0.05	1.06	3.3	0.48	0.07
TT830	< 5	12.6	2.47	0.42	6.21	1.69	1.46	< 0.1	42	33	317	2.12	0.2	20	12.5	0.9	1.2	0.3	< 0.05	1.08	4.7	0.57	0.09
TT831	< 5	11.5	2.29	0.38	6.22	1.58	1.49	< 0.1	37	30	242	1.61	0.5	40	11.2	0.8	1.2	0.3	< 0.05	0.96	4.4	0.60	0.08
TT832	< 5	11.4	2.35	0.39	5.89	1.63	1.46	< 0.1	40	26	276	1.81	< 0.1	40	11.5	0.8	1.3	0.3	0.07	1.00	4.4	0.61	0.08
TT833	< 5	13.1	2.03	0.38	6.11	1.88	1.26	< 0.1	43	33	211	2.05	0.2	40	12.6	0.6	1.1	0.2	0.07	2.50	4.4	0.50	0.10
TT834	< 5	9.2	2.08	0.34	5.93	1.69	1.45	< 0.1	32	36	218	1.59	0.2	30	14.2	0.7	1.2	0.3	< 0.05	1.24	4.9	0.63	0.07
TT835	< 5	11.9	2.17	0.36	6.19	1.80	1.36	< 0.1	31	29	232	1.55	0.4	20	13.6	0.7	1.2	0.2	0.06	1.08	4.9	0.52	0.07
TT836	< 5	13.6	2.22	0.26	6.34	1.61	1.20	< 0.1	31	26	184	1.42	0.6	70	10.1	0.6	1.1	0.2	0.06	1.02	3.7	0.44	0.09
TT837	< 5	15.1	2.24	0.31	7.40	2.00	1.26	< 0.1	38	35	201	1.76	3.5	80	14.5	0.6	1.3	0.2	0.07	1.05	5.2	0.50	0.11
TT838	< 5	14.0	2.30	0.32	7.37	2.04	1.39	< 0.1	36	31	239	1.70	0.3	80	13.0	0.8	1.3	0.2	< 0.05	0.91	4.8	0.52	0.10
TT839	< 5	11.6	2.61	0.31	7.28	2.14	1.39	< 0.1	34	24	232	1.61	0.7	50	10.6	0.6	1.3	0.2	0.05	1.00	4.3	0.46	0.08
TT840	< 5	18.3	2.05	0.31	6.99	1.43	1.21	< 0.1	42	33	187	2.12	2.1	50	14.9	0.7	1.1	0.2	0.09	1.09	5.7	0.43	0.14
TT841	< 5	14.4	2.10	0.27	6.88	1.58	1.14	< 0.1	38	33	183	1.89	0.4	70	12.9	0.7	1.3	0.2	0.05	1.10	5.3	0.47	0.10
TT842	< 5	13.5	2.27	0.29	6.94	1.54	1.24	< 0.1	34	29	198	1.78	1.1	90	13.0	0.7	1.3	0.2	0.06	0.96	5.1	0.51	0.10
TT843	6	12.9	2.27	0.29	6.98	1.66	1.31	< 0.1	32	27	194	1.50	0.1	60	13.2	0.7	1.3	0.2	0.05	0.82	5.2	0.52	0.08
TT844	5	13.3	2.26	0.26	6.22	1.62	1.14	< 0.1	33	26	186	1.70	0.4	50	10.7	0.6	1.0	0.2	0.08	1.50	3.9	0.42	0.09
TT845	5	12.7	2.55	0.31	6.92	1.74	1.34	< 0.1	32	30	210	1.38	3.2	60	11.4	0.7	1.3	0.2	0.07	1.29	4.2	0.53	0.09
TT846	6	12.7	2.12	0.27	6.57	1.46	1.21	< 0.1	35	40	184	1.74	2.5	50	10.8	0.5	1.2	0.2	0.17	1.53	4.6	0.43	0.09
TT847	5	20.3	2.14	0.28	6.67	< 0.01	1.22	< 0.1	46	29	202	2.35	3.8	110	11.6	0.6	1.1	0.2	0.11	1.70	4.7	0.44	0.25
TT848	6	26.7	1.97	0.36	7.02	< 0.01	1.16	< 0.1	59	48	249	3.09	3.3	120	15.7	0.6	1.3	0.2	0.14	2.24	6.4	0.45	0.36
TT849	6	12.1	2.38	0.37	6.33	1.99	1.57	< 0.1	80	35	232	2.35	3.4	70	11.3	0.6	0.9	0.2	0.06	1.64	4.5	0.39	0.48
TT850	12	14.8	2.18	0.40	5.52	1.52	1.30	< 0.1	56	107	249	2.76	5.2	50	10.2	0.8	1.0	0.2	0.05	2.13	4.1	0.46	0.37
TT851	5	17.2	2.08	0.37	6.39	1.57	1.25	< 0.1	49	40	235	2.44	3.1	40	11.3	0.7	1.2	0.2	0.10	1.57	4.5	0.53	0.13
LS19	16	20.1	1.64	0.36	6.08	1.62	0.99	< 0.1	49	37	179	2.52	0.1	90	12.5	0.8	1.0	0.3	0.07	2.05	4.7	0.65	0.21

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS20	6	22.0	1.67	0.40	7.29	1.49	1.01	< 0.1	43	50	199	2.42	4.9	110	15.8	1.0	1.2	0.4	0.09	1.90	6.4	0.88	0.14
LS21	5	31.0	2.32	0.48	6.30	1.69	1.27	< 0.1	37	31	218	1.59	0.9	60	12.6	0.8	0.9	0.2	< 0.05	2.66	4.3	0.49	0.36
LS23	< 5	17.3	2.19	0.49	6.17	1.87	1.45	< 0.1	38	30	253	1.67	0.2	40	14.7	1.1	1.1	0.3	< 0.05	1.38	5.4	0.76	0.17
LS24	< 5	20.2	2.27	0.63	6.74	2.01	1.62	< 0.1	21	41	356	2.20	2.1	30	22.5	1.2	1.2	0.4	0.07	2.35	7.5	0.89	0.14
LS25	5	17.3	2.31	0.43	6.60	1.72	1.37	< 0.1	26	36	225	1.80	2.4	90	24.1	0.8	1.1	0.3	0.19	1.49	8.6	0.61	0.17
LS26	< 5	18.5	1.79	0.33	6.09	1.59	1.04	< 0.1	38	39	190	2.42	3.3	40	14.5	0.7	0.9	0.2	0.14	2.05	5.7	0.43	0.20
LS28	6	39.8	2.29	0.70	6.80	1.86	1.53	< 0.1	22	55	354	2.72	3.3	40	40.0	1.7	1.4	0.6	0.10	4.07	12.3	1.22	0.20
LS29	6	95.8	2.83	0.79	7.43	0.75	2.31	< 0.1	46	27	442	4.02	2.2	60	68.4	1.6	1.4	0.6	0.34	5.79	24.5	1.44	0.50
LS30	5	142	2.10	0.69	7.71	0.91	2.30	< 0.1	78	33	740	4.65	1.4	80	30.1	1.0	1.1	0.4	0.29	2.97	34.6	1.17	0.45
LS31	< 5	13.9	2.42	0.41	6.27	1.81	1.42	< 0.1	34	23	256	1.44	0.1	40	14.8	0.8	1.1	0.3	< 0.05	1.36	5.2	0.58	0.11
LS32	< 5	17.8	1.98	0.33	6.02	1.71	1.18	< 0.1	30	37	239	1.94	0.4	70	13.1	0.7	1.0	0.2	0.05	2.14	5.2	0.52	0.19
LS34	< 5	28.9	2.19	0.48	6.14	1.56	1.39	< 0.1	27	33	241	2.06	0.7	40	14.9	0.9	1.1	0.3	< 0.05	1.42	6.2	0.66	0.11
LS35	< 5	15.5	1.79	0.33	5.70	1.69	1.03	< 0.1	28	39	178	1.75	4.1	80	11.6	0.8	1.0	0.3	< 0.05	1.98	3.9	0.52	0.13
LS45	5	22.6	2.10	0.39	6.34	1.43	1.26	< 0.1	28	35	209	1.93	3.4	30	13.6	0.6	0.9	0.2	< 0.05	1.68	5.3	0.47	0.20
LS46	< 5	19.7	2.22	0.41	6.24	1.81	1.45	< 0.1	33	25	217	1.27	< 0.1	50	14.1	0.9	1.1	0.3	< 0.05	1.37	4.4	0.64	0.10
LS47	< 5	24.2	2.10	0.74	6.54	1.67	1.98	< 0.1	84	49	439	3.25	1.1	60	23.6	1.5	1.2	0.5	< 0.05	1.58	13.3	0.94	0.27
LS48	< 5	16.4	2.01	0.38	6.94	1.78	1.25	< 0.1	41	39	209	2.15	0.1	60	14.6	0.8	1.4	0.3	< 0.05	1.54	5.5	0.58	0.15
LS49	< 5	20.6	1.99	0.37	6.04	1.58	1.27	< 0.1	42	35	234	1.98	0.3	80	13.2	0.7	1.1	0.3	0.21	1.56	5.1	0.57	0.51
LS50	< 5	18.1	2.12	0.38	6.28	1.60	1.20	< 0.1	25	34	200	1.84	2.7	60	10.7	0.6	1.0	0.2	< 0.05	2.23	4.6	0.50	0.18
LS51	< 5	66.9	2.41	1.12	7.24	0.73	1.88	< 0.1	38	37	424	4.10	2.2	30	28.6	0.8	1.0	0.3	< 0.05	1.58	15.2	0.70	0.14
SA05	< 5	31.7	2.16	0.55	7.38	1.69	1.38	< 0.1	46	44	243	2.34	4.5	60	32.7	1.0	1.2	0.4	0.06	2.69	9.2	0.75	0.23
SA06	6	38.2	2.02	0.56	7.46	1.37	1.41	0.1	35	43	255	2.56	3.3	50	23.8	0.7	1.3	0.3	< 0.05	2.89	8.9	0.55	0.34
SA09	< 5	22.0	2.19	0.49	6.29	1.82	1.47	< 0.1	41	31	249	1.68	0.7	60	14.9	1.0	1.3	0.4	0.06	2.26	4.5	0.73	0.36
SA10	7	23.5	2.00	0.35	7.39	1.54	1.25	< 0.1	54	38	198	2.47	0.1	100	11.6	0.8	1.1	0.3	0.08	2.51	4.5	0.60	0.22
SA11	19	38.3	2.70	0.78	7.42	1.19	2.14	< 0.1	28	26	317	2.56	2.3	60	16.4	0.7	1.0	0.3	< 0.05	1.49	6.1	0.71	1.02
SA13	7	24.2	1.73	0.43	6.94	1.76	1.15	< 0.1	42	39	203	2.63	0.8	70	17.6	0.8	1.1	0.3	0.06	2.97	7.5	0.56	0.18
SA14	12	26.2	2.00	0.58	6.84	1.28	1.56	0.1	43	41	305	3.56	2.7	30	15.1	0.7	1.0	0.2	0.10	1.60	8.3	0.49	0.36
SA16	< 5	59.2	2.16	0.75	7.47	1.14	1.65	< 0.1	78	42	326	3.78	3.1	20	25.4	0.8	1.1	0.3	0.11	2.06	12.6	0.49	0.24
SA18	15	36.6	2.21	0.81	6.58	1.61	1.93	< 0.1	38	44	361	2.54	3.4	50	68.2	1.3	1.3	0.5	< 0.05	2.49	29.1	0.95	0.24
SA34	13	26.2	1.59	0.62	6.04	1.51	1.25	< 0.1	62	74	230	2.53	0.3	80	33.9	0.8	1.0	0.3	0.08	3.08	9.7	0.53	0.24
SA35	< 5	28.7	1.92	0.56	5.86	1.68	1.32	< 0.1	45	58	258	2.06	0.1	70	18.4	0.7	1.1	0.3	0.09	5.36	6.3	0.54	0.21
SA36	< 5	25.5	2.14	0.44	6.16	1.81	1.35	< 0.1	32	29	206	1.48	0.3	60	15.4	0.8	1.0	0.3	0.08	2.55	4.7	0.60	0.14
SA37	5	80.0	2.17	0.96	6.73	0.90	1.75	< 0.1	23	51	289	3.22	1.6	50	35.2	0.7	1.0	0.3	0.05	1.43	11.3	0.65	0.17
SA19	< 5	17.7	1.99	0.49	6.59	1.91	1.25	< 0.1	25	40	227	2.07	0.5	60	18.8	0.9	1.3	0.3	0.23	2.44	7.2	0.64	0.11
SA20	< 5	23.3	2.36	0.63	6.87	1.72	1.61	< 0.1	32	38	307	2.28	2.9	40	25.7	1.0	1.3	0.3	0.07	1.77	10.3	0.70	0.16
SA21	8	25.4	2.25	0.63	6.19	1.78	1.67	< 0.1	39	33	310	2.27	2.3	60	23.0	0.9	1.1	0.3	0.09	2.38	9.1	0.67	0.23
SA22	9	62.6	2.22	1.05	6.91	1.20	2.29	< 0.1	44	53	465	3.25	2.7	40	32.6	1.2	1.5	0.4	0.05	2.57	16.9	0.82	0.49
SA25	< 5	25.2	2.45	0.59	7.44	1.69	1.54	< 0.1	34	34	254	1.85	4.2	60	17.8	0.8	1.2	0.3	< 0.05	1.54	6.2	0.63	0.29
SA26	5	29.3	2.32	0.60	7.05	1.90	1.45	< 0.1	33	30	246	2.16	0.4	50	16.4	0.8	1.1	0.3	< 0.05	1.39	6.5	0.66	0.50
SA44	5	34.9	1.77	0.40	6.09	1.83	1.27	< 0.1	40	40	225	2.27	0.3	70	20.0	0.8	1.0	0.3	0.11	2.92	7.0	0.55	0.16
SA50	< 5	38.0	2.30	0.84	7.07	0.97	2.08	0.1	25	55	280	2.89	1.8	50	29.9	0.8	1.1	0.2	< 0.05	1.73	6.7	0.41	1.30
SA51	< 5	37.0	1.99	0.54	7.71	1.55	1.29	< 0.1	38	47	259	2.78	2.9	40	27.1	0.9	1.3	0.3	< 0.05	2.54	8.3	0.65	0.21

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
TT802	0.3	30.1	14.1	2.3	55.2	8.0	328	115	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	518	19.5	45.3	4.2	16.4	2.7	2.2	0.2	1.6
TT803	0.5	41.7	17.0	3.1	45.8	9.0	313	101	2.2	2.50	< 0.1	< 1	< 0.1	< 0.1	426	13.8	29.0	3.1	12.7	2.4	2.0	0.2	1.6
TT804	0.3	23.9	13.6	2.0	58.8	6.8	308	162	5.0	0.72	< 0.1	< 1	< 0.1	< 0.1	521	13.0	28.1	2.8	11.2	1.8	1.6	0.2	1.3
TT805	0.5	19.6	15.4	2.4	61.6	6.4	306	150	5.1	1.17	< 0.1	< 1	0.1	0.1	538	12.8	27.5	3.0	11.1	2.0	1.6	0.2	1.2
TT806	0.1	24.8	15.9	2.2	68.9	5.7	325	111	5.2	1.05	< 0.1	< 1	< 0.1	< 0.1	544	10.3	25.3	2.4	9.0	1.7	1.3	0.2	1.0
TT807	0.4	19.6	15.0	2.8	57.7	6.3	292	134	5.3	1.32	< 0.1	< 1	< 0.1	< 0.1	538	12.7	27.8	3.0	11.7	1.9	1.6	0.2	1.2
TT808	0.2	28.3	14.8	1.8	47.6	8.7	414	201	5.4	1.26	< 0.1	< 1	< 0.1	< 0.1	525	21.0	46.6	4.9	19.1	2.7	2.3	0.3	1.7
TT809	0.4	45.4	17.9	1.9	46.5	6.8	259	98	1.1	9.24	< 0.1	< 1	< 0.1	< 0.1	453	15.2	33.3	3.6	13.4	2.3	1.9	0.2	1.3
TT810	0.2	24.7	13.8	2.0	55.7	8.2	334	9	1.3	1.13	< 0.1	< 1	< 0.1	< 0.1	560	14.9	31.7	3.6	14.6	2.4	2.1	0.3	1.6
TT811	0.3	22.5	14.7	1.7	53.5	7.1	317	12	1.1	1.61	< 0.1	< 1	< 0.1	< 0.1	519	14.4	31.3	3.3	13.0	2.4	1.8	0.2	1.3
TT812	< 0.1	22.2	13.4	3.9	56.2	8.4	347	9	1.0	0.86	< 0.1	< 1	< 0.1	< 0.1	537	17.2	36.4	4.1	16.3	2.7	2.2	0.3	1.6
TT813	0.2	14.8	13.4	1.9	57.6	5.6	352	102	2.4	0.55	< 0.1	< 1	< 0.1	< 0.1	564	10.6	29.4	2.6	10.2	1.7	1.5	0.2	1.0
TT814	0.2	18.0	15.4	3.8	65.3	5.7	333	5	1.5	0.62	< 0.1	< 1	< 0.1	< 0.1	562	10.9	25.5	2.6	10.1	1.5	1.3	0.2	1.0
TT815	0.2	28.5	16.0	2.7	60.4	7.6	327	7	1.5	1.05	< 0.1	< 1	< 0.1	< 0.1	550	12.9	28.9	3.1	12.4	2.1	1.9	0.2	1.4
TT816	0.3	23.6	15.1	2.8	62.0	7.4	315	8	2.3	0.92	< 0.1	< 1	< 0.1	< 0.1	573	14.1	31.8	3.3	13.2	2.2	1.8	0.2	1.3
TT817	0.3	23.8	13.9	2.4	58.9	7.5	312	140	4.8	0.80	< 0.1	< 1	< 0.1	< 0.1	555	15.7	35.0	3.6	14.0	2.6	2.1	0.2	1.4
TT818	0.2	23.3	14.6	1.2	58.6	7.4	303	22	0.5	0.52	< 0.1	< 1	< 0.1	< 0.1	551	14.7	32.6	3.6	14.1	2.0	1.8	0.2	1.3
TT819	0.2	19.3	13.6	1.7	64.3	6.4	370	6	1.3	0.22	< 0.1	< 1	< 0.1	< 0.1	564	11.3	25.0	2.8	10.9	2.1	1.6	0.2	1.2
TT820	0.4	28.9	14.7	2.1	61.3	7.4	364	10	1.7	0.39	< 0.1	< 1	< 0.1	< 0.1	575	12.9	29.1	3.3	13.0	2.4	2.0	0.2	1.3
TT821	0.2	27.0	12.9	1.6	58.7	5.4	357	5	1.2	0.20	< 0.1	< 1	< 0.1	< 0.1	563	10.8	24.8	2.8	11.0	1.8	1.3	0.2	1.0
TT822	0.3	25.2	13.8	1.9	55.8	7.1	337	6	1.1	0.25	< 0.1	< 1	< 0.1	< 0.1	516	14.3	31.4	3.4	13.4	2.4	1.7	0.2	1.3
TT823	0.2	20.7	13.4	1.5	54.3	7.2	341	7	1.5	0.22	< 0.1	< 1	< 0.1	< 0.1	508	12.3	28.9	3.1	12.1	2.2	1.8	0.2	1.4
TT824	0.4	22.6	15.1	2.1	56.1	7.6	307	5	1.1	0.41	< 0.1	< 1	0.1	< 0.1	537	14.3	30.9	3.5	13.8	2.3	1.8	0.2	1.5
TT825	0.3	25.2	13.9	1.8	53.5	9.6	345	67	3.2	0.25	< 0.1	< 1	< 0.1	< 0.1	514	24.2	54.3	6.1	23.1	3.8	2.9	0.3	1.9
TT826	0.2	21.9	12.8	2.4	54.0	6.6	329	7	0.4	0.17	< 0.1	< 1	< 0.1	< 0.1	520	10.6	24.7	2.6	10.6	1.5	1.5	0.2	1.2
TT827	0.4	33.6	13.2	2.4	54.7	7.3	306	17	1.3	0.41	< 0.1	< 1	< 0.1	< 0.1	520	17.4	35.4	3.8	15.0	2.0	1.9	0.2	1.3
TT828	0.2	25.4	13.5	1.8	57.4	6.7	333	17	1.5	0.30	< 0.1	< 1	< 0.1	< 0.1	546	11.4	25.3	2.8	11.0	1.7	1.6	0.2	1.3
TT829	0.2	17.3	14.2	1.4	58.8	5.1	348	16	1.6	0.19	< 0.1	< 1	< 0.1	< 0.1	525	6.5	14.7	1.7	7.3	1.3	1.1	0.2	0.9
TT830	0.1	28.5	14.0	1.5	58.6	7.7	359	17	1.7	0.20	< 0.1	< 1	< 0.1	< 0.1	551	16.3	36.4	4.0	16.4	2.2	2.0	0.2	1.5
TT831	0.2	22.0	13.5	1.7	56.2	7.5	345	18	1.1	0.19	< 0.1	< 1	< 0.1	< 0.1	515	15.4	34.0	3.7	14.2	2.3	1.9	0.2	1.4
TT832	0.3	24.9	14.1	2.2	57.9	7.6	341	3	0.7	0.26	< 0.1	< 1	< 0.1	< 0.1	492	14.8	31.9	3.6	13.9	2.5	1.8	0.2	1.4
TT833	0.2	23.3	14.5	2.1	63.0	6.1	317	12	1.0	0.73	< 0.1	< 1	< 0.1	< 0.1	528	12.2	27.2	2.8	11.2	1.7	1.5	0.2	1.1
TT834	0.3	16.1	12.2	1.4	55.6	7.2	338	14	0.4	0.20	< 0.1	< 1	< 0.1	< 0.1	520	16.6	40.0	3.9	15.1	2.5	2.0	0.2	1.5
TT835	0.2	22.4	13.2	2.7	58.8	6.8	334	36	1.0	0.18	< 0.1	< 1	< 0.1	< 0.1	522	12.4	29.6	3.0	11.9	2.0	1.6	0.2	1.3
TT836	0.2	19.0	10.9	< 0.1	36.7	5.5	283	50	2.1	0.29	< 0.1	< 1	< 0.1	< 0.1	525	10.8	23.3	2.6	10.7	1.8	1.5	0.2	1.1
TT837	0.6	15.0	11.4	0.5	42.1	6.6	307	141	4.9	0.34	< 0.1	< 1	0.1	< 0.1	562	11.6	24.9	2.8	11.3	2.1	1.6	0.2	1.4
TT838	0.6	18.0	11.1	1.1	39.8	7.4	325	36	2.1	0.35	< 0.1	< 1	< 0.1	< 0.1	590	12.0	27.9	3.0	12.6	2.0	1.9	0.2	1.4
TT839	0.4	15.8	12.2	< 0.1	43.4	5.7	346	56	2.7	0.34	< 0.1	< 1	< 0.1	< 0.1	582	10.1	21.6	2.4	10.3	1.6	1.5	0.2	1.1
TT840	0.3	20.8	13.0	0.5	33.1	6.0	280	105	4.3	0.42	< 0.1	< 1	0.1	< 0.1	524	8.4	18.1	2.1	8.7	1.5	1.3	0.2	1.1
TT841	0.4	16.0	12.0	0.1	33.5	5.9	294	48	3.2	0.35	< 0.1	< 1	< 0.1	< 0.1	535	10.1	22.0	2.4	9.9	2.0	1.5	0.2	1.2
TT842	0.4	12.6	9.6	1.3	32.4	6.6	305	89	2.4	0.33	< 0.1	< 1	< 0.1	< 0.1	535	11.8	26.8	3.0	12.4	2.1	1.8	0.2	1.3
TT843	0.5	15.9	11.3	0.6	33.5	6.5	327	17	1.3	0.31	< 0.1	< 1	< 0.1	< 0.1	542	11.2	24.6	2.7	11.6	1.9	1.6	0.2	1.4
TT844	0.4	15.9	12.3	< 0.1	35.4	5.2	318	23	2.2	0.78	< 0.1	< 1	< 0.1	< 0.1	520	9.0	22.4	2.2	9.5	1.5	1.3	0.2	0.9
TT845	0.5	18.1	13.3	< 0.1	37.1	7.0	355	143	5.0	2.18	< 0.1	< 1	< 0.1	< 0.1	539	14.3	30.9	3.6	14.2	2.5	1.9	0.2	1.3
TT846	0.5	14.7	11.9	< 0.1	33.9	5.1	323	104	4.6	0.86	< 0.1	< 1	< 0.1	< 0.1	497	8.6	20.2	2.0	8.8	1.6	1.3	0.2	1.1
TT847	0.7	18.9	14.8	1.8	33.9	5.7	312	151	5.1	3.40	< 0.1	< 1	< 0.1	< 0.1	501	10.7	28.6	2.6	10.7	1.7	1.6	0.2	1.1
TT848	0.8	23.6	13.7	0.4	37.7	6.5	280	131	6.6	1.70	< 0.1	< 1	0.1	< 0.1	458	10.9	23.1	2.5	10.4	1.6	1.5	0.2	1.2
TT849	0.4	17.4	18.9	< 0.1	34.4	5.5	334	137	2.9	1.58	< 0.1	< 1	< 0.1	< 0.1	501	9.0	20.7	2.2	8.8	1.8	1.3	0.2	1.0
TT850	0.4	22.3	18.6	2.0	50.9	6.7	305	204	1.0	0.67	< 0.1	< 1	< 0.1	< 0.1	535	15.2	34.5	3.4	12.9	2.5	1.8	0.2	1.3
TT851	0.4	24.7	13.7	1.9	51.9	6.2	307	116	5.1	0.77	< 0.1	< 1	< 0.1	< 0.1	495	12.1	26.8	2.9	12.1	2.0	1.6	0.2	1.2
LS19	0.7	26.3	13.4	3.0	49.9	7.4	241	9	1.4	1.76	< 0.1	< 1	< 0.1	< 0.1	487	18.5	39.3	4.1	16.0	2.7	2.2	0.3	1.5

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS20	0.9	22.1	11.4	3.2	45.6	9.4	243	189	5.0	1.80	< 0.1	< 1	0.1	< 0.1	428	23.4	52.6	5.6	22.0	4.2	2.9	0.4	2.1
LS21	0.3	36.2	15.5	3.1	53.9	6.3	315	65	0.4	0.45	< 0.1	< 1	< 0.1	< 0.1	566	13.8	29.4	3.2	12.4	1.9	1.6	0.2	1.1
LS23	0.3	25.9	13.1	1.8	56.1	9.6	338	10	0.4	0.49	< 0.1	< 1	< 0.1	< 0.1	562	19.3	41.8	4.8	19.4	3.2	2.6	0.3	1.9
LS24	0.2	33.0	13.9	1.3	63.3	12.1	331	91	0.3	< 0.05	< 0.1	< 1	< 0.1	< 0.1	601	24.8	49.8	6.0	24.2	4.1	3.1	0.4	2.3
LS25	0.2	21.1	13.7	3.1	52.2	7.2	314	100	0.2	0.29	< 0.1	< 1	< 0.1	< 0.1	508	15.5	32.8	3.7	14.5	2.5	1.9	0.2	1.4
LS26	0.4	20.8	15.3	2.2	49.8	5.9	264	128	0.2	0.53	< 0.1	< 1	< 0.1	< 0.1	485	11.8	26.0	2.6	10.3	1.9	1.4	0.2	1.1
LS28	0.2	38.9	14.7	1.7	58.1	16.6	321	128	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	593	36.5	77.8	9.3	37.2	5.8	4.5	0.6	3.2
LS29	0.5	46.1	18.2	1.8	29.2	15.1	481	90	< 0.1	0.23	< 0.1	< 1	< 0.1	< 0.1	573	35.6	75.6	10.5	44.2	6.3	4.8	0.5	2.9
LS30	0.5	38.3	18.2	2.9	20.1	9.7	415	70	0.5	1.21	< 0.1	< 1	< 0.1	< 0.1	560	31.6	73.6	8.4	35.2	5.4	3.7	0.4	2.1
LS31	0.2	21.7	12.4	2.2	52.5	7.5	319	8	0.7	0.42	< 0.1	< 1	< 0.1	< 0.1	522	15.3	33.6	3.7	15.8	2.5	2.1	0.3	1.5
LS32	0.3	22.3	13.9	2.0	53.4	7.1	289	37	0.4	0.13	< 0.1	< 1	< 0.1	< 0.1	537	14.6	35.2	3.3	13.6	2.3	1.8	0.2	1.4
LS34	0.2	26.5	13.6	1.4	49.1	9.1	348	36	0.4	0.09	< 0.1	< 1	< 0.1	< 0.1	523	19.9	38.8	4.4	17.9	2.5	2.3	0.3	1.5
LS35	0.3	20.8	14.8	5.7	50.4	6.7	258	161	0.1	0.12	< 0.1	< 1	< 0.1	< 0.1	508	14.5	30.0	3.2	12.9	2.3	1.7	0.2	1.3
LS45	0.3	19.3	15.0	1.8	43.8	6.3	295	127	0.2	0.10	< 0.1	< 1	< 0.1	< 0.1	511	13.4	27.8	3.0	12.0	2.0	1.6	0.2	1.2
LS46	0.2	22.5	13.3	1.3	53.1	8.1	327	23	1.3	0.37	< 0.1	< 1	< 0.1	< 0.1	528	14.6	32.0	3.6	15.0	2.7	2.1	0.3	1.6
LS47	0.3	44.8	15.4	2.0	49.0	14.1	294	69	0.4	0.39	< 0.1	< 1	< 0.1	< 0.1	458	21.7	48.4	5.5	22.8	3.9	3.6	0.4	2.7
LS48	0.4	20.0	13.1	2.9	50.9	7.1	292	5	1.2	0.53	< 0.1	< 1	< 0.1	< 0.1	476	17.2	45.4	3.9	16.0	2.6	2.0	0.2	1.4
LS49	1.0	26.4	13.7	3.5	50.1	6.5	306	18	1.1	0.63	< 0.1	1	< 0.1	< 0.1	468	13.7	31.2	3.1	12.2	2.4	1.8	0.2	1.2
LS50	0.4	23.2	15.2	1.2	55.5	6.4	309	105	0.3	0.11	< 0.1	< 1	< 0.1	< 0.1	507	20.4	46.5	4.4	17.3	2.9	2.0	0.2	1.2
LS51	0.4	76.9	18.6	1.7	23.2	8.4	403	84	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	339	17.4	32.0	3.5	14.1	2.8	2.3	0.3	1.6
SA05	0.3	35.4	14.7	2.1	48.8	9.5	309	173	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	507	18.0	45.9	4.2	17.4	3.4	2.5	0.3	1.9
SA06	0.5	36.1	14.7	2.8	45.5	6.6	323	129	0.2	0.21	< 0.1	< 1	< 0.1	< 0.1	466	12.6	32.1	2.8	11.6	2.0	1.7	0.2	1.3
SA09	0.3	25.5	13.4	1.8	54.2	9.9	340	61	1.1	2.54	< 0.1	< 1	< 0.1	< 0.1	529	20.3	41.8	4.7	19.7	3.2	2.6	0.3	1.8
SA10	0.7	20.0	17.5	2.5	47.2	7.5	311	8	1.1	1.18	< 0.1	< 1	< 0.1	< 0.1	477	14.6	31.1	3.2	13.3	2.4	1.8	0.2	1.4
SA11	0.3	34.6	22.3	0.5	31.2	7.1	507	99	0.2	0.08	< 0.1	< 1	< 0.1	< 0.1	521	16.5	34.4	3.9	15.6	2.8	2.0	0.3	1.4
SA13	0.6	23.3	16.1	2.5	54.8	7.5	280	56	0.5	0.22	< 0.1	< 1	< 0.1	< 0.1	514	16.0	34.5	3.6	14.1	2.4	2.0	0.2	1.5
SA14	0.4	36.1	17.2	2.0	39.1	7.0	339	111	0.3	0.26	< 0.1	< 1	< 0.1	< 0.1	465	13.4	28.3	2.8	11.3	2.1	1.6	0.2	1.2
SA16	0.5	39.5	16.1	2.5	35.9	7.1	334	125	4.8	1.34	< 0.1	< 1	< 0.1	< 0.1	425	9.1	22.5	2.2	9.3	1.4	1.5	0.2	1.4
SA18	0.3	62.3	14.3	1.4	49.9	12.6	319	130	0.5	0.29	< 0.1	< 1	< 0.1	< 0.1	496	21.0	36.9	5.8	23.8	3.8	3.1	0.4	2.4
SA34	0.5	29.4	14.5	2.3	51.3	7.4	248	22	1.5	3.12	< 0.1	< 1	< 0.1	< 0.1	464	13.3	28.8	3.2	12.8	2.1	1.8	0.2	1.4
SA35	0.5	38.4	13.4	2.2	56.2	6.9	270	10	3.2	2.14	< 0.1	< 1	< 0.1	< 0.1	469	14.1	31.3	3.4	13.3	2.2	1.8	0.2	1.3
SA36	0.4	25.5	14.5	0.9	56.5	7.8	304	42	0.4	0.12	< 0.1	< 1	< 0.1	< 0.1	536	15.7	33.5	3.7	14.8	2.0	2.0	0.2	1.4
SA37	0.3	48.2	16.8	1.4	29.3	7.5	333	63	0.2	0.09	< 0.1	< 1	< 0.1	< 0.1	323	23.2	43.9	4.8	19.4	2.4	2.1	0.2	1.3
SA19	0.4	25.6	12.9	1.7	57.6	8.6	279	39	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	516	18.0	38.2	4.2	16.5	2.7	2.2	0.3	1.6
SA20	0.4	31.0	14.4	1.3	52.6	9.2	318	111	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	500	16.7	37.4	4.0	16.7	2.9	2.4	0.3	1.8
SA21	0.3	30.3	14.6	1.7	55.2	9.4	322	98	0.3	0.12	< 0.1	< 1	< 0.1	< 0.1	508	17.9	46.6	4.3	16.8	2.9	2.3	0.3	1.7
SA22	0.5	50.7	16.6	2.5	42.2	11.9	394	104	0.1	0.14	< 0.1	< 1	< 0.1	< 0.1	399	20.8	96.4	5.3	22.3	2.7	3.1	0.4	2.3
SA25	0.5	30.6	14.8	1.8	50.9	7.5	363	161	0.8	1.08	< 0.1	< 1	< 0.1	< 0.1	531	13.7	32.2	3.2	12.9	2.5	1.8	0.2	1.4
SA26	0.3	28.7	14.6	1.6	48.3	7.6	318	26	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	521	17.5	36.3	4.0	16.1	2.7	2.3	0.3	1.5
SA44	0.5	23.9	14.1	2.0	50.9	7.9	296	18	0.4	0.33	< 0.1	< 1	< 0.1	< 0.1	526	15.9	33.8	3.7	15.1	2.4	1.9	0.2	1.3
SA50	0.3	39.7	20.9	1.1	35.6	6.8	327	75	0.2	1.71	< 0.1	< 1	< 0.1	< 0.1	344	8.3	19.4	2.1	8.2	1.6	1.5	0.2	1.3
SA51	0.4	35.0	16.4	2.3	49.0	9.2	278	110	0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	502	17.0	36.6	4.1	16.7	3.0	2.5	0.3	1.9

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
TT802	15.9	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	15.8	6	6.1	1.2	0.219	0.041	0.01
TT803	31.6	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.27	17.5	9	3.9	0.9	0.269	0.066	0.03
TT804	6.2	< 0.1	< 0.1	0.8	0.1	0.3	0.3	< 0.001	0.30	16.4	5	4.7	0.8	0.194	0.052	0.02
TT805	31.6	< 0.1	< 0.1	0.7	< 0.1	0.3	0.4	< 0.001	0.31	27.6	5	3.9	0.9	0.205	0.033	0.02
TT806	9.8	< 0.1	< 0.1	0.6	< 0.1	0.4	0.4	< 0.001	0.32	17.5	5	3.1	0.7	0.213	0.045	0.01
TT807	9.9	< 0.1	< 0.1	0.7	0.1	0.3	0.4	< 0.001	0.32	18.3	5	5.4	1.2	0.213	0.038	0.02
TT808	26.4	< 0.1	0.1	0.9	0.1	0.3	0.3	< 0.001	0.30	15.8	6	7.3	1.2	0.238	0.025	0.01
TT809	24.6	0.2	0.1	0.8	0.1	< 0.1	0.5	< 0.001	0.30	26.3	6	6.5	5.0	0.151	0.199	0.02
TT810	25.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	14.6	6	3.9	2.2	0.208	0.035	< 0.01
TT811	20.6	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	3.4	2.3	0.206	0.026	0.01
TT812	18.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	5.5	1.2	0.204	0.024	0.01
TT813	4.6	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.29	15.4	4	4.0	0.8	0.145	0.011	0.01
TT814	4.8	< 0.1	< 0.1	0.6	0.1	< 0.1	0.2	< 0.001	0.31	15.9	4	3.5	0.6	0.174	0.035	0.02
TT815	11.4	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.5	6	3.6	1.0	0.241	0.055	0.02
TT816	6.7	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.33	16.9	5	5.5	1.0	0.233	0.023	0.01
TT817	12.2	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	16.0	5	4.5	1.2	0.218	0.043	0.02
TT818	8.6	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	15.5	6	4.9	1.3	0.226	0.011	< 0.01
TT819	2.6	< 0.1	< 0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.30	15.6	4	4.0	0.7	0.137	0.062	< 0.01
TT820	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.30	16.1	5	4.6	0.8	0.171	0.070	< 0.01
TT821	6.0	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.28	15.2	4	3.4	0.6	0.127	0.066	< 0.01
TT822	2.8	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.29	15.9	5	6.1	0.9	0.179	0.058	0.01
TT823	3.1	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	14.7	6	3.6	0.8	0.177	0.043	< 0.01
TT824	3.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.31	18.1	5	5.8	1.1	0.213	0.052	0.01
TT825	3.7	< 0.1	0.1	1.0	0.1	< 0.1	0.2	< 0.001	0.28	17.1	6	12.6	1.4	0.209	0.067	< 0.01
TT826	4.3	< 0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.28	14.5	5	3.6	0.7	0.157	0.052	< 0.01
TT827	12.9	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.30	16.4	6	5.7	0.9	0.221	0.056	0.01
TT828	4.4	< 0.1	0.1	0.8	0.1	< 0.1	0.4	< 0.001	0.30	16.1	5	3.4	0.9	0.177	0.050	< 0.01
TT829	2.8	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.29	14.3	5	1.6	0.5	0.138	0.038	< 0.01
TT830	6.2	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.9	6	7.2	1.0	0.184	0.055	< 0.01
TT831	3.2	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	15.1	5	5.3	0.8	0.157	0.062	< 0.01
TT832	3.3	< 0.1	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.2	6	5.0	0.8	0.193	0.110	0.02
TT833	4.7	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.31	16.2	5	2.8	0.8	0.211	0.018	0.01
TT834	8.4	0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	15.9	5	6.5	0.9	0.156	0.037	< 0.01
TT835	3.9	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.45	15.2	5	3.9	0.8	0.150	0.044	0.01
TT836	4.0	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.30	13.9	5	4.6	0.9	0.165	0.062	< 0.01
TT837	4.1	0.1	0.1	0.7	0.1	0.3	0.3	0.001	0.31	15.8	6	3.9	0.9	0.190	0.057	0.01
TT838	3.9	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.32	16.2	6	4.2	1.0	0.197	0.052	< 0.01
TT839	3.2	< 0.1	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.31	15.7	5	3.9	0.8	0.157	0.033	< 0.01
TT840	6.2	< 0.1	0.1	0.7	< 0.1	0.2	0.3	< 0.001	0.29	14.6	6	3.7	0.8	0.208	0.039	0.01
TT841	3.2	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.30	14.5	5	3.8	0.9	0.215	0.019	0.01
TT842	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.29	14.7	6	4.0	0.9	0.191	0.032	0.01
TT843	3.4	< 0.1	0.1	0.7	< 0.1	< 0.1	0.2	< 0.001	0.30	14.8	5	3.4	0.9	0.178	0.039	< 0.01
TT844	3.4	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.29	13.9	5	2.8	0.8	0.175	0.015	< 0.01
TT845	5.0	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	14.4	5	4.8	0.9	0.175	0.025	< 0.01
TT846	4.9	< 0.1	< 0.1	0.6	< 0.1	0.2	0.3	0.001	0.29	14.4	5	2.9	0.7	0.166	0.030	0.01
TT847	15.2	< 0.1	< 0.1	0.6	0.1	0.3	0.4	< 0.001	0.30	15.0	5	3.8	0.9	0.249	0.024	0.02
TT848	18.6	< 0.1	0.1	0.7	0.1	0.4	0.8	0.001	0.29	16.6	7	3.7	1.0	0.287	0.053	0.03
TT849	9.1	0.1	< 0.1	0.7	0.1	0.2	0.4	< 0.001	0.28	14.7	7	3.7	0.8	0.296	0.020	0.01
TT850	11.0	0.4	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	18.9	6	5.3	1.3	0.238	0.021	0.01
TT851	6.4	0.1	< 0.1	0.7	0.1	0.4	0.4	< 0.001	0.29	17.1	5	3.2	0.9	0.176	0.097	0.02
LS19	17.6	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.4	6	5.3	1.4	0.255	0.036	0.03

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
LS20	15.6	< 0.1	0.1	1.0	0.1	0.3	0.4	< 0.001	0.34	14.8	7	7.5	1.7	0.223	0.038	0.03
LS21	7.7	0.2	< 0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	16.4	5	4.1	1.1	0.207	0.009	0.02
LS23	8.5	0.1	0.1	1.0	0.1	< 0.1	< 0.1	< 0.001	0.34	15.3	6	5.6	1.2	0.223	0.032	< 0.01
LS24	10.3	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.37	16.0	7	6.0	1.1	0.0953	0.015	0.02
LS25	14.3	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	23.2	6	4.9	0.9	0.110	0.018	0.02
LS26	11.1	0.2	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	18.8	5	3.5	1.0	0.167	0.025	0.02
LS28	43.2	0.1	0.2	1.6	0.2	< 0.1	< 0.1	< 0.001	0.49	16.2	9	8.1	1.2	0.107	0.018	< 0.01
LS29	46.8	0.2	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	0.37	10.1	8	5.8	2.0	0.144	0.027	0.04
LS30	71.4	0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.26	14.3	6	5.5	1.6	0.239	0.042	0.04
LS31	14.7	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	14.7	5	4.6	1.1	0.187	0.033	0.01
LS32	7.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.34	17.6	5	4.8	1.2	0.173	0.021	0.02
LS34	11.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.30	14.8	5	3.6	1.0	0.116	0.036	0.01
LS35	14.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.32	17.9	5	4.3	1.1	0.150	0.020	0.02
LS45	10.7	0.2	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	16.6	5	4.2	1.2	0.128	0.019	0.03
LS46	8.8	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	14.4	5	4.1	1.1	0.209	0.037	< 0.01
LS47	25.6	< 0.1	0.2	1.5	0.2	< 0.1	< 0.1	< 0.001	0.33	14.7	11	5.6	1.6	0.328	0.013	0.01
LS48	6.8	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.31	17.7	5	5.6	1.1	0.200	0.040	0.02
LS49	7.1	0.1	0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.32	17.3	5	4.8	1.2	0.199	0.029	0.03
LS50	9.4	0.3	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	16.6	5	9.2	1.1	0.113	0.015	0.01
LS51	19.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.20	11.2	8	2.9	0.9	0.185	0.039	0.01
SA05	23.8	0.4	0.2	1.1	0.2	< 0.1	< 0.1	< 0.001	0.33	20.6	7	4.7	1.2	0.228	0.020	0.02
SA06	15.4	0.3	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.30	21.9	6	5.3	1.0	0.224	0.027	0.03
SA09	29.3	0.1	0.2	1.1	0.2	< 0.1	0.2	< 0.001	0.34	15.0	6	5.4	1.5	0.239	0.042	0.01
SA10	20.9	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.30	17.1	6	4.7	1.3	0.288	0.031	0.03
SA11	10.7	0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.25	15.1	7	3.2	1.0	0.106	0.010	0.01
SA13	47.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.34	17.3	6	4.6	1.2	0.206	0.015	0.02
SA14	40.3	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.2	7	3.7	0.9	0.169	0.028	0.02
SA16	29.5	0.4	0.1	0.8	0.1	0.2	0.1	< 0.001	0.25	12.5	9	3.6	0.8	0.297	0.016	0.02
SA18	140	0.3	0.2	1.3	0.2	< 0.1	< 0.1	< 0.001	0.33	16.8	10	5.1	1.1	0.177	0.012	< 0.01
SA34	23.1	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.33	15.5	7	4.0	1.1	0.254	0.025	0.03
SA35	9.3	0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.5	6	4.2	1.0	0.238	0.033	0.02
SA36	9.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	16.0	6	4.7	1.1	0.207	0.007	< 0.01
SA37	20.8	0.2	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.21	13.5	7	3.0	0.9	0.0869	0.018	0.02
SA19	15.5	0.3	0.1	1.0	0.2	< 0.1	< 0.1	< 0.001	0.36	16.1	6	6.0	1.2	0.106	0.029	0.02
SA20	23.6	0.3	0.1	1.0	0.2	< 0.1	< 0.1	< 0.001	0.31	18.5	7	4.1	1.0	0.131	0.025	0.01
SA21	21.8	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	15.6	7	4.5	1.0	0.152	0.038	0.01
SA22	44.5	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.26	17.0	10	6.2	1.2	0.156	0.054	0.01
SA25	9.2	0.3	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.28	14.2	6	3.7	1.0	0.177	0.014	0.04
SA26	16.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	13.8	6	4.7	1.1	0.179	0.010	< 0.01
SA44	39.2	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.35	15.1	6	4.6	1.2	0.236	0.022	0.03
SA50	9.2	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.26	16.1	8	3.4	1.2	0.0903	0.022	0.01
SA51	10.3	0.2	0.1	1.0	0.1	< 0.1	< 0.1	< 0.001	0.33	18.6	7	6.2	1.7	0.133	0.024	0.03

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		38.8	1.59	1.06	8.81	2.05	0.88		40	53	895	5.01	1.0	90	38.0	3.7	3.0	1.1		3.35	19.2	1.43	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		36.6	1.73	1.15	8.41	2.09	1.12		56	50	941	5.30	1.0	40	43.1	3.7	2.7	1.3		4.18	20.1	1.57	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas										159		9.24			> 5000						161		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										169		9.83			> 5000						145		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (Fusion) Meas				1.18		1.81			70		890	10.1			9.7	13.8		4.4			45.5	6.75	
OREAS 101b (Fusion) Cert				1.23		2.42			80		931	10.8			9.0	18.7		6.34			47.0	7.77	
OREAS 101b (4 Acid) Meas				1.21		2.27			73		932	10.5			9.7	14.3		5.0			47.0	6.93	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																			44.4		125		87.7
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			44.0		123		86.2
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		4.9	1.51				7.82		149	197		7.12			280						58.7	0.51	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.8	1.49				7.85		148	146		7.27			296						61.5	0.56	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas										> 5000					2460				0.88		80.3		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 13b										> 5000					2220				0.92		82.4		

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas		18.9	0.04	0.59	7.22	2.04	0.05		77	58	439	6.88	1.8		44.6		8.3		0.59	2.97	89.2		3.95
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.4	0.03	0.53	6.44	3.26	0.04		74	57	365	6.92	5.1		39.1		8.4		0.67	3.12	84.6		4.14
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.7	0.04	0.59	6.42	3.09	0.04		78	58	435	6.93	5.2		42.6		7.8		0.64	3.76	89.4		4.18
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		36.6						< 0.1	35	48			1.0		34.6	3.2	3.0	1.1		3.52	17.5	1.37	0.26
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		23.2	0.10	0.21	7.82	0.50	0.18		122	546	491	14.7	2.2		244	1.4	0.8	0.4		3.07	31.2	0.55	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		20.8	0.08	0.18	7.43	0.36	0.19		111	491	391	14.2	2.4		204	1.2	0.8	0.4		3.06	27.2	0.48	0.30
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.8	0.10	0.26	7.63	0.40	0.18		114	494	494	14.2	2.6		239	1.5	0.9	0.5		3.77	30.5	0.58	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.9		56.6		26.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.2		53.2		28.5
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas		32.8	0.33	1.74	8.09	2.92	0.46	0.4	84	68	899	6.13	3.4		36.5	2.5	2.1	0.8	1.71	5.03	22.1	1.07	18.5
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas		33.7	0.37	1.89	8.10	2.76	0.50	0.3	100	77	1010	7.26	4.0		42.4	2.7	2.5	1.0	2.04	6.79	25.8	1.25	21.0
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		15.4	1.44	0.46	7.28	2.08	2.18	279	35	37	567	3.99	4.6		30.9		1.6		67.8	2.77	31.9		3.81
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		15.0	1.35	0.54	6.36	2.20	2.07	270	34	26	550	4.18	4.9		29.3		1.7		62.2	3.23	32.3		4.09
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas		17.5	0.64	1.16	3.82	3.31	3.53		142	34	3960	24.3	3.0		70.7	2.0	0.8	0.6	1.30	0.52	> 500	1.71	8.35
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		15.8	0.55	1.00	3.55	2.44	3.59		162	39	4000	24.2	3.0		75.7	2.1	0.8	0.6	1.31	0.65	482	1.77	8.94
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas		20.2	0.43	2.52	1.87	0.43	2.92	1.1	32	338	660	29.5	1.2		> 5000		0.5		1.64	1.77	> 500		3.21
Oreas 77b (4 Acid Digest) Cert		18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15		113000		0.470		1.62	2.32	1550		3.44
OREAS 228b (Fire Assay) Meas	8300																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8540																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8490																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	510																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	512																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	507																						
Oreas E1336 (Fire Assay) Cert	510																						
TT803 Orig	13																						
TT803 Dup	12																						
TT815 Orig		19.2	2.03	0.58	5.77	1.62	1.51	< 0.1	55	40	279	2.40	< 0.1	70	17.4	0.8	1.1	0.3	0.12	2.40	6.9	0.56	0.25
TT815 Dup		19.3	2.16	0.56	6.04	1.73	1.47	< 0.1	56	43	287	2.45	0.1	70	18.2	0.7	1.1	0.3	0.12	2.48	6.9	0.53	0.25
TT818 Orig	45																						
TT818 Dup	31																						
TT825 Orig		11.1	2.45	0.46	6.00	1.70	1.57	< 0.1	45	43	306	2.10	3.7	40	14.2	1.0	1.3	0.3	0.08	0.91	5.4	0.62	0.09
TT825 Dup		11.6	2.17	0.43	6.17	1.61	1.54	< 0.1	49	39	313	2.24	0.1	40	14.6	1.1	1.3	0.4	< 0.05	1.00	5.7	0.70	0.10
TT826 Orig	< 5																						
TT826 Dup	< 5																						
TT836 Orig		13.7	2.26	0.27	6.65	1.61	1.20	< 0.1	30	24	187	1.37	0.5	90	9.6	0.6	1.2	0.2	0.06	1.06	3.7	0.44	0.09
TT836 Dup		13.6	2.17	0.26	6.03	1.60	1.19	< 0.1	32	27	181	1.46	0.6	50	10.6	0.5	1.1	0.2	0.06	0.98	3.7	0.44	0.08
TT836 Orig																							
TT836 Dup																							
TT838 Dup	< 5																						
TT843 Orig	6																						
TT843 Dup	5																						
TT849 Orig		12.4	2.48	0.39	6.81	2.13	1.66	< 0.1	86	38	236	2.38	3.7	80	11.3	0.6	0.9	0.2	0.07	1.70	4.4	0.42	0.50
TT849 Dup		11.9	2.28	0.35	5.86	1.84	1.47	< 0.1	74	33	229	2.32	3.2	70	11.3	0.5	0.8	0.2	0.05	1.59	4.6	0.36	0.47
TT849 Orig																							
TT849 Dup																							
TT850 Orig	5																						
TT850 Dup	18																						
LS31 Orig	< 5																						
LS31 Dup	< 5																						
LS46 Orig		19.5	2.11	0.39	5.91	1.73	1.44	< 0.1	32	27	217	1.26	0.8	50	13.8	0.9	1.2	0.3	< 0.05	1.34	4.4	0.63	0.10
LS46 Dup		19.9	2.34	0.43	6.57	1.88	1.46	< 0.1	34	24	216	1.28	< 0.1	50	14.4	0.9	1.1	0.3	< 0.05	1.40	4.4	0.65	0.11
SA05 Orig	< 5																						
SA05 Dup	< 5																						
SA13 Orig	9																						
SA13 Dup	5																						
SA14 Orig		26.7	1.93	0.56	6.72	1.23	1.52	0.1	40	38	291	3.46	2.5	40	14.9	0.7	1.1	0.2	0.10	1.57	8.2	0.49	0.36
SA14 Dup		25.7	2.06	0.60	6.96	1.34	1.59	0.1	47	44	318	3.67	3.0	20	15.3	0.8	1.0	0.3	0.11	1.64	8.5	0.49	0.37
SA16 Orig	5																						
SA16 Dup	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SA20 Orig	< 5																						
SA20 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	< 1	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	9	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	2	8	< 0.01	< 0.1	30	1.4	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	7	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	2	< 0.01	< 0.1	50	< 0.5	< 0.1	0.3	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		107	19.1	< 0.1	84.6		182	39	2.1			< 1	< 0.1		688	36.7	88.5		42.9	8.5	7.2	1.0	6.4
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		118	23.6	0.8	119		193	36	0.2			< 1	< 0.1		713	42.5	95.1		45.2	8.9	7.7	1.0	6.5
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas				1.5																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				8.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (Fusion) Meas						134				19.6						683	1320	122	389	47.5	36.2	4.0	25.7
OREAS 101b (Fusion) Cert						178				20.9						789	1331	127	378	48	41	5.37	32.1
OREAS 101b (4 Acid) Meas						118				20.3						691	1300	113	362	52.7	38.4	4.3	25.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas	162	1320										198	15.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	166	1260										192	9.0										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		67.7	13.5		3.1	16.3	153	39	1.3				0.7		108	3.2			5.1				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		73.4	15.1		4.0	16.0	154	41	1.4				0.9		110	3.8			5.3				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas		131		45.4						8.46													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b		158		54.4						9.07													

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	2.7	27.0	16.6	91.6	80.3	31.1	26.2	94		2.07	0.2	3	1.5		148	37.2	82.3					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.7	27.0	16.6	100	116	30.8	26.5	187		2.14	0.2	3	1.4		223	40.5	84.6					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.6	28.3	17.3	101	140	31.7	27.5	192		2.25	0.2	3	1.4		202	42.9	86.9					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		97.4	18.9	0.6	49.5	27.7	158	33	0.2	< 0.05		< 1	< 0.1		588	33.3	78.6	8.9	36.7	7.4	6.2	0.9	5.8
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		45.6	20.4	6.5	36.0	11.0	30.9	87	3.2	0.63	< 0.1	< 1	0.1		194	14.2	33.6	3.5	13.9	2.8	2.5	0.3	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		45.3	20.6	7.8	33.9	10.5	31.0	93	0.3	0.39	< 0.1	< 1	< 0.1		188	15.0	35.2	3.6	14.1	2.5	2.4	0.3	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		46.9	21.6	9.1	45.7	11.4	31.2	101	0.3	0.38	< 0.1	< 1	< 0.1		183	16.8	39.4	4.0	15.5	3.2	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	44.2	468										66	4.5										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	42.4	472										64	4.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas	5.8	338	15.9	5.1	132	24.0	39.8	125	13.8	0.91	0.4	13	1.1		421	33.6	73.7	8.1	33.8	6.3	5.5	0.7	4.6
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	6.6	372	20.3	7.5	170	26.5	42.0	136	13.7	0.97	0.5	15	1.2		457	41.5	84.5	9.6	38.9	6.2	6.0	0.8	5.1
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	4.7	> 10000	16.6	69.3	64.7	13.0	96.0	188	10.5	14.9	1.4	10	120			23.5	51.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.7	> 10000	26.3	70.4	87.7	12.4	67.9	185	9.2	13.5	1.7	6	20.0			20.0	49.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas	1.8	27.3	13.7	310	68.7	17.9	69.7	122	1.6	181	0.2	9	5.9	0.2		55.4	87.7	7.7	27.1	4.1	4.0	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.8	37.7	16.3	452	84.2	17.3	68.1	121	5.7	205	0.2	10	4.5	0.9		46.7	60.0	6.2	24.7	3.4	4.0	0.5	3.2
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas		207	3.6	1410	15.8	7.0	35.0	41	3.0		< 0.1	2	8.8	1.2	95	13.1	25.8						
Oreas 77b (4 Acid Digest) Cert		205	4.61	2050	19.1	6.55	34.4	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
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OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
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Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
TT803 Orig																							
TT803 Dup																							
TT815 Orig	0.2	29.2	16.1	2.9	60.2	7.5	319	5	1.4	1.04	< 0.1	< 1	< 0.1	0.2	540	12.4	28.3	3.0	12.0	2.1	1.9	0.2	1.3
TT815 Dup	0.3	27.9	16.0	2.5	60.6	7.7	335	10	1.5	1.05	< 0.1	< 1	< 0.1	< 0.1	561	13.3	29.6	3.2	12.8	2.1	1.8	0.2	1.4
TT818 Orig																							
TT818 Dup																							
TT825 Orig	0.3	25.0	13.9	1.7	53.4	9.0	348	129	4.9	0.23	< 0.1	< 1	< 0.1	< 0.1	512	25.1	57.4	6.2	24.3	3.5	3.0	0.3	1.8
TT825 Dup	0.3	25.5	13.9	1.8	53.6	10.2	342	5	1.5	0.27	< 0.1	< 1	< 0.1	< 0.1	516	23.4	51.2	5.9	22.0	4.1	2.8	0.4	2.0
TT826 Orig																							
TT826 Dup																							
TT836 Orig	0.3	17.9	10.1	< 0.1	37.8	5.4	292	45	1.9	0.31	< 0.1	< 1	< 0.1	< 0.1	542	9.8	21.1	2.3	9.9	1.4	1.4	0.2	1.1
TT836 Dup	0.1	20.1	11.7	0.3	35.7	5.6	274	54	2.3	0.27	< 0.1	< 1	< 0.1	< 0.1	507	11.9	25.4	2.8	11.4	2.1	1.5	0.2	1.2
TT836 Orig								45															
TT836 Dup								54															
TT838 Dup																							
TT843 Orig																							
TT843 Dup																							
TT849 Orig	0.5	17.6	19.2	0.4	37.8	5.6	342	144	4.0	1.82	< 0.1	1	< 0.1	< 0.1	515	9.9	22.8	2.4	9.6	2.0	1.4	0.2	1.1
TT849 Dup	0.4	17.2	18.6	< 0.1	31.0	5.4	325	129	1.8	1.35	< 0.1	< 1	< 0.1	< 0.1	487	8.0	18.7	1.9	8.0	1.5	1.2	0.1	0.9
TT849 Orig																							
TT849 Dup																							
TT850 Orig																							
TT850 Dup																							
LS31 Orig																							
LS31 Dup																							
LS46 Orig	0.2	23.3	13.2	1.3	53.1	8.0	326	40	1.8	0.31	< 0.1	< 1	< 0.1	< 0.1	526	14.4	31.4	3.6	14.8	3.0	2.1	0.3	1.5
LS46 Dup	0.2	21.7	13.4	1.4	53.2	8.3	328	6	0.8	0.43	< 0.1	< 1	< 0.1	< 0.1	529	14.8	32.6	3.7	15.2	2.5	2.1	0.3	1.6
SA05 Orig																							
SA05 Dup																							
SA13 Orig																							
SA13 Dup																							
SA14 Orig	0.4	35.5	16.7	1.9	38.2	6.6	327	98	0.3	0.21	< 0.1	< 1	< 0.1	< 0.1	456	13.3	28.1	2.8	11.3	2.1	1.6	0.2	1.2
SA14 Dup	0.4	36.7	17.7	2.0	40.1	7.3	351	123	0.3	0.31	< 0.1	< 1	< 0.1	< 0.1	473	13.6	28.4	2.9	11.2	2.1	1.6	0.2	1.2
SA16 Orig																							
SA16 Dup																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SA20 Orig																							
SA20 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.2	0.8	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	0.4	0.2	0.8	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	< 0.2	0.2	0.7	< 0.2	< 0.1	< 0.2	2	0.2	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	0.2	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.6	0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	32.0		0.5	3.4		0.1	< 0.1		0.69	27.0	16	13.2	3.2	0.0902	0.058	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	44.3		0.5	3.6		< 0.1	< 0.1		0.66	28.5	15	13.0	3.1	0.145	0.058	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas											15			0.210	0.061	
SDC-1 Cert											17.00			0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	315															1.64
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	339															1.64
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas																1.63
Oreas 72a (4 Acid Digest) Cert																1.74
OREAS 101b (Fusion) Meas	418		2.1	13.3	1.8					24.3		38.1	418	0.375	0.112	
OREAS 101b (Fusion) Cert	416		2.66	17.6	2.58					18.0		37.1	396	0.386	0.120	
OREAS 101b (4 Acid) Meas	435		2.1	13.1	1.7					25.0		34.7	347	0.355	0.114	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas														0.305	0.109	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 101b (4 Acid) Meas														0.357	0.125	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 98 (4 Acid) Meas	> 10000									360						14.3
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									322						15.0
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas																15.2
OREAS 98 (4 Acid) Cert																15.5
DNC-1a Meas	95.7			1.9						7.4	31			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	113			2.0						7.3	29			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas											29			0.261		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas	2300															1.15
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b	2360															1.17

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
(4-Acid) Meas																
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas																1.15
OREAS 13b (4-Acid) Cert																1.2
OREAS 904 (4 ACID) Meas	6460	< 0.1		3.1	0.5	0.6	3.2		0.57	11.9	12	16.7	10.2		0.098	0.07
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	5900	< 0.1		3.2	0.4	0.9	2.9		0.60	11.9	11	15.7	9.4		0.110	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6400	0.2		3.2	0.5	0.9	2.8		0.55	12.3	11	15.3	9.1		0.101	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas											12				0.113	0.07
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas	31.3		0.5	3.1	0.4	< 0.1	< 0.1		0.63	25.8	18	11.4	2.6	0.499		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											21			0.496		
SBC-1 Cert											20.0			0.51		
SBC-1 Meas											20			0.480		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	363			1.5	0.2	0.2	0.4		0.26	22.6	52	15.0	3.0	0.227	0.034	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	367			1.4	0.2	< 0.1	< 0.1		0.26	22.1	51	14.5	2.8	0.155	0.037	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	412			1.5	0.2	< 0.1	< 0.1		0.26	23.7	53	14.7	2.9	0.299	0.039	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									111						4.20
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									108						4.22
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas																4.26
OREAS 96 (4 Acid) Cert																4.19
OREAS 923 (4 Acid) Meas	4190		0.4	2.4	0.4	1.0	4.7		0.87	85.4	14	17.0	3.3	0.431	0.066	0.74
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	4760		0.4	2.8	0.4	1.1	5.1		0.92	92.1	13	17.0	3.3	0.401	0.068	0.71
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas											13			0.409	0.069	0.73
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3870			1.1	0.2		2.7		2.28	> 5000	7	9.1	3.2	0.187	0.036	4.60
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3760			1.1	0.2		2.2		2.13	> 5000	6	6.2	3.0	0.180	0.039	4.66
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas											6			0.176	0.038	4.51
OREAS 621 (4 Acid) Cert											6.24			0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	8580		0.3	2.0	0.3	< 0.1	36.9	0.093	0.30	9.0	10	1.8	47.2	0.228	0.079	2.29
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	8960		0.3	2.0	0.3	0.4	129	0.088	0.29	11.2	10	2.3	40.5	0.296	0.088	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas											10			0.345	0.092	2.42
OREAS 522 (4 Acid) Cert											10.9			0.344	0.0890	2.50
Oreas 77b (4 Acid Digest) Meas	3280					0.3	3.0	0.022	1.55	64.3	3	6.8	2.0	0.0538		
Oreas 77b (4 Acid Digest) Cert	3430					0.280	3.07	0.0220	1.37	61.0	3.51	6.61	1.71	0.0640		
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
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OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
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Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
TT803 Orig																
TT803 Dup																
TT815 Orig	11.6	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.3	6	3.3	0.9	0.238	0.055	0.02
TT815 Dup	11.1	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.6	6	3.9	1.0	0.244	0.056	0.02
TT818 Orig																
TT818 Dup																
TT825 Orig	3.7	< 0.1	0.1	0.9	0.1	0.3	0.3	< 0.001	0.29	17.2	6	12.1	1.3	0.197	0.069	< 0.01
TT825 Dup	3.7	< 0.1	0.1	1.1	0.1	< 0.1	0.1	< 0.001	0.28	17.0	6	13.0	1.5	0.221	0.065	< 0.01
TT826 Orig																
TT826 Dup																
TT836 Orig	4.3	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.31	14.3	4	4.2	0.8	0.151	0.058	< 0.01
TT836 Dup	3.7	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.29	13.6	5	4.9	0.9	0.179	0.066	0.01
TT836 Orig											5			0.167	0.069	0.01
TT836 Dup											5			0.173	0.073	0.01
TT838 Dup																
TT843 Orig																
TT843 Dup																
TT849 Orig	9.3	0.2	< 0.1	0.7	0.1	0.2	0.5	< 0.001	0.29	15.2	7	3.9	0.8	0.301	0.021	0.01
TT849 Dup	8.9	0.1	< 0.1	0.7	0.1	0.1	0.3	< 0.001	0.27	14.2	7	3.5	0.8	0.290	0.020	0.01
TT849 Orig											6			0.0856	0.017	0.01
TT849 Dup											6			0.115	0.019	0.01
TT850 Orig																
TT850 Dup																
LS31 Orig																
LS31 Dup																
LS46 Orig	9.5	0.4	0.1	0.9	0.1	0.1	0.1	< 0.001	0.31	14.3	5	3.8	1.1	0.210	0.037	< 0.01
LS46 Dup	8.1	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	14.5	5	4.3	1.1	0.208	0.037	< 0.01
SA05 Orig																
SA05 Dup																
SA13 Orig																
SA13 Dup																
SA14 Orig	42.2	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.0	7	3.7	0.8	0.156	0.029	0.02
SA14 Dup	38.4	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.3	7	3.8	0.9	0.183	0.027	0.02
SA16 Orig																
SA16 Dup																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SA20 Orig																
SA20 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	0.6	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0035	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0006	< 0.001	< 0.01
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09481**
Report Date: **01-Oct-20**
Date Submitted: **17-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

22 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-28 10:20:23
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-21 12:27:36

REPORT **A20-09481**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS01	11	36.8	1.86	0.47	6.70	0.77	1.28	< 0.1	45	33	222	2.26	0.4	100	8.4	0.8	1.3	0.3	0.16	3.41	4.6	0.58	0.17
LS02	10	20.8	1.98	0.44	6.93	0.76	1.23	< 0.1	42	34	241	2.17	1.1	80	11.2	0.8	1.4	0.3	0.17	2.28	5.6	0.58	0.16
LS03	11	17.1	2.15	0.49	6.58	0.69	1.32	< 0.1	41	32	252	2.02	< 0.1	60	13.8	0.8	1.5	0.3	0.09	1.74	6.6	0.60	0.16
LS05	8	26.5	1.95	0.48	7.15	0.75	1.19	< 0.1	44	49	234	2.49	1.8	70	17.3	0.8	1.6	0.3	0.10	1.99	7.8	0.65	0.17
LS06	10	26.7	2.26	0.52	6.78	0.84	1.58	< 0.1	44	36	270	2.03	0.4	110	8.4	0.9	1.3	0.3	< 0.05	1.46	5.0	0.68	0.38
LS08	9	35.8	2.25	0.56	6.87	0.83	1.52	< 0.1	41	33	285	1.95	2.8	90	10.1	0.9	1.5	0.3	< 0.05	1.43	5.1	0.68	0.19
LS09	8	26.0	2.15	0.56	6.65	0.79	1.34	< 0.1	25	37	252	1.62	1.3	80	13.5	0.8	1.4	0.3	< 0.05	2.11	4.9	0.60	0.16
LS10	9	28.9	1.89	0.43	6.84	0.66	1.14	< 0.1	42	42	215	1.93	0.1	110	11.5	0.7	1.3	0.2	0.12	2.77	4.5	0.56	0.24
LS11	8	19.6	1.92	0.46	6.10	0.73	1.20	< 0.1	36	32	233	1.47	0.2	80	12.0	0.9	1.2	0.3	< 0.05	1.78	4.7	0.62	0.11
LS12	13	24.7	1.85	0.43	7.42	0.94	1.11	< 0.1	48	45	237	2.93	1.3	100	9.0	0.9	1.5	0.3	0.07	1.55	4.8	0.66	0.19
LS13	11	19.6	2.03	0.41	6.21	0.75	1.27	< 0.1	36	29	235	1.49	1.0	80	9.7	0.7	1.2	0.3	< 0.05	1.44	4.2	0.59	0.14
LS14	8	28.1	2.01	0.49	6.36	0.77	1.26	< 0.1	36	43	255	2.67	3.4	80	12.4	0.8	1.4	0.3	< 0.05	1.52	5.9	0.63	0.51
LS15	8	24.5	1.87	0.45	7.00	0.92	1.14	< 0.1	33	44	233	2.12	3.0	110	12.1	0.8	1.3	0.3	< 0.05	1.89	5.6	0.57	0.16
LS16	8	28.8	1.98	0.62	6.78	0.74	1.38	< 0.1	49	45	273	2.24	0.3	120	18.3	0.9	1.2	0.3	0.05	1.49	6.8	0.72	0.15
LS17	10	28.8	2.16	0.51	6.45	0.85	1.56	< 0.1	38	44	269	1.61	5.4	80	13.1	1.0	1.2	0.3	0.07	1.78	4.8	0.71	0.13
LS18	8	25.1	1.78	0.40	6.02	0.76	1.18	< 0.1	43	35	204	1.82	0.1	100	9.9	0.8	1.3	0.3	< 0.05	2.38	4.1	0.57	0.21
LS36	8	18.2	2.11	0.46	6.48	0.69	1.31	< 0.1	35	32	236	1.59	0.1	70	11.1	0.8	1.4	0.3	0.06	1.59	5.3	0.59	0.13
LS37	8	34.3	2.17	0.51	6.97	0.73	1.44	< 0.1	34	29	266	1.67	0.3	90	16.9	1.0	1.5	0.3	< 0.05	1.51	8.5	0.81	0.11
LS40	9	16.0	2.07	0.49	6.43	1.44	1.38	< 0.1	34	38	250	1.64	5.0	60	22.2	0.9	1.3	0.3	< 0.05	1.84	5.5	0.62	0.15
LS41	8	19.2	2.02	0.45	6.49	1.01	1.23	0.1	37	43	248	1.82	4.9	100	33.2	0.8	1.3	0.3	0.11	1.95	6.6	0.60	0.14
LS42	9	19.6	2.09	0.40	6.69	0.80	1.22	0.1	37	36	217	1.88	2.5	110	12.2	0.7	1.5	0.2	0.05	1.55	4.3	0.57	0.19
LS43	8	20.6	2.05	0.50	6.47	0.68	1.29	< 0.1	44	28	248	1.99	0.1	110	14.6	0.9	1.3	0.3	0.06	1.85	6.2	0.60	0.33

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS01	0.8	28.0	14.9	2.4	25.6	7.3	283	42	0.2	15.9	< 0.1	< 1	< 0.1	< 0.1	520	17.1	33.3	3.8	14.0	2.7	1.9	0.2	1.4
LS02	0.8	22.6	13.2	2.3	26.2	7.6	303	62	3.1	0.63	< 0.1	< 1	< 0.1	< 0.1	511	18.4	39.3	3.9	14.9	2.6	2.0	0.2	1.5
LS03	0.7	22.2	12.8	3.3	23.6	7.6	318	7	1.3	0.57	< 0.1	< 1	< 0.1	< 0.1	522	16.2	42.8	3.4	13.0	2.6	1.9	0.2	1.4
LS05	0.9	25.7	13.2	2.8	25.1	8.1	281	106	1.4	0.71	< 0.1	< 1	< 0.1	< 0.1	496	17.0	36.9	3.8	14.6	2.9	2.1	0.3	1.6
LS06	0.7	22.9	13.6	2.6	24.1	8.1	384	36	1.2	1.23	< 0.1	< 1	< 0.1	< 0.1	553	18.3	39.0	3.9	15.2	3.0	2.2	0.3	1.6
LS08	0.6	28.3	13.3	2.0	25.2	8.7	378	128	0.2	0.25	< 0.1	< 1	< 0.1	< 0.1	548	17.0	33.4	3.8	14.7	2.8	2.1	0.3	1.8
LS09	0.3	26.4	13.7	1.3	23.8	7.4	322	71	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	571	16.9	33.3	3.7	14.2	2.4	2.0	0.2	1.4
LS10	0.8	24.2	13.1	3.1	25.6	7.1	282	9	1.2	1.34	< 0.1	< 1	< 0.1	< 0.1	500	17.2	35.3	3.7	13.8	2.7	1.9	0.2	1.4
LS11	0.6	22.2	12.6	1.9	26.2	8.5	308	15	0.2	0.41	< 0.1	< 1	< 0.1	< 0.1	555	17.2	33.5	4.0	14.7	2.8	2.0	0.3	1.7
LS12	1.0	24.7	14.0	3.1	27.8	8.0	274	83	0.8	3.56	< 0.1	< 1	< 0.1	< 0.1	463	20.0	47.2	4.3	16.4	3.4	2.3	0.3	1.7
LS13	0.4	20.5	12.8	2.0	24.6	7.1	313	65	0.2	0.49	< 0.1	< 1	< 0.1	< 0.1	525	18.0	34.9	3.9	14.8	2.8	2.0	0.2	1.5
LS14	0.7	26.4	13.7	2.1	24.9	7.6	315	117	0.1	0.41	< 0.1	< 1	< 0.1	< 0.1	489	17.7	35.3	3.8	14.8	2.5	2.0	0.3	1.5
LS15	0.8	24.1	13.1	2.0	26.0	7.5	290	118	0.1	0.19	< 0.1	< 1	< 0.1	< 0.1	519	18.5	36.4	3.9	14.7	2.6	2.0	0.2	1.5
LS16	0.7	25.8	13.5	4.0	22.8	9.1	320	33	0.6	0.32	< 0.1	< 1	< 0.1	< 0.1	491	21.6	41.7	4.8	17.7	3.6	2.4	0.3	1.9
LS17	0.6	22.1	13.6	2.8	27.1	9.3	359	181	3.2	0.28	< 0.1	< 1	< 0.1	< 0.1	579	20.8	42.2	4.7	17.9	3.5	2.2	0.3	1.7
LS18	0.7	20.6	14.8	2.2	27.5	7.7	292	9	0.5	0.95	< 0.1	< 1	< 0.1	< 0.1	494	16.9	33.1	3.6	13.8	2.8	1.9	0.2	1.4
LS36	0.7	21.2	13.0	2.2	24.5	7.4	339	16	1.0	0.51	< 0.1	< 1	< 0.1	< 0.1	536	15.1	32.0	3.6	13.3	2.3	2.0	0.2	1.4
LS37	0.6	24.5	13.0	2.2	23.8	9.7	349	35	0.6	0.57	< 0.1	< 1	< 0.1	< 0.1	520	19.1	40.3	4.6	17.9	3.9	2.6	0.3	2.0
LS40	0.6	21.1	11.9	2.5	39.2	9.0	319	170	0.9	0.98	< 0.1	< 1	< 0.1	< 0.1	554	17.5	50.1	4.0	14.9	3.5	2.4	0.3	1.6
LS41	0.9	33.3	12.6	2.9	29.2	8.0	293	162	2.3	4.25	< 0.1	< 1	< 0.1	< 0.1	520	15.9	36.2	3.6	13.9	2.8	2.1	0.3	1.5
LS42	1.0	25.2	13.2	3.1	24.0	6.8	311	94	1.6	1.14	< 0.1	< 1	< 0.1	< 0.1	491	16.5	33.4	3.7	13.4	2.5	1.7	0.2	1.3
LS43	0.6	24.1	13.3	2.5	24.0	8.0	332	10	1.1	0.70	< 0.1	< 1	< 0.1	< 0.1	548	16.4	31.9	3.6	14.1	2.7	1.9	0.2	1.5

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
LS01	8.5	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.32	14.7	6	5.3	1.3	0.252	0.021	0.02
LS02	9.1	< 0.1	0.1	0.8	0.1	< 0.1	0.3	0.002	0.29	15.4	6	6.2	1.3	0.241	0.046	0.02
LS03	7.6	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.29	15.1	6	4.6	1.0	0.224	0.034	0.02
LS05	8.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	14.6	7	5.5	1.1	0.237	0.038	0.02
LS06	18.5	< 0.1	0.1	0.9	0.1	< 0.1	0.1	0.002	0.25	13.9	5	4.2	1.3	0.219	0.060	0.02
LS08	4.9	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.001	0.25	16.8	6	4.4	1.1	0.200	0.037	0.01
LS09	8.0	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	4.7	1.2	0.149	0.008	< 0.01
LS10	10.3	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.001	0.29	13.7	6	5.6	1.2	0.243	0.036	0.02
LS11	7.3	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.001	0.31	14.2	6	4.7	1.3	0.215	0.016	0.02
LS12	11.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.24	15.8	6	6.4	1.5	0.222	0.047	0.04
LS13	5.0	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	0.001	0.27	14.7	5	5.8	1.1	0.188	0.016	0.02
LS14	13.0	0.2	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.26	14.1	6	4.5	1.1	0.167	0.025	0.02
LS15	10.8	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	15.3	6	5.5	1.2	0.165	0.026	0.02
LS16	16.9	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.002	0.28	14.7	7	5.9	1.3	0.249	0.035	0.02
LS17	14.9	< 0.1	0.1	1.0	0.2	< 0.1	0.1	0.002	0.32	13.8	6	5.1	1.3	0.224	0.035	< 0.01
LS18	7.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.32	17.0	6	5.0	2.0	0.254	0.017	0.01
LS36	4.5	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.002	0.31	14.1	6	3.8	1.1	0.211	0.023	< 0.01
LS37	10.6	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.002	0.29	13.0	6	4.7	1.4	0.209	0.032	0.01
LS40	10.7	0.3	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	5.5	2.1	0.203	0.041	0.01
LS41	12.2	0.2	0.1	0.9	0.1	< 0.1	0.1	0.002	0.30	18.5	6	4.7	2.0	0.218	0.042	0.02
LS42	22.6	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	0.002	0.28	16.8	5	5.0	1.3	0.194	0.053	0.02
LS43	5.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.30	15.7	6	5.2	1.1	0.233	0.021	0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		36.5	1.48	0.97	8.44	2.41	0.96		27	43	894	4.66	0.8	60	30.1	3.3	3.0	1.1		3.70	16.4	1.37	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										178		9.46			> 5000						149		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										168		8.99			> 5000						143		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.18		1.36			55		974	10.3			10.9	14.2		4.7			43.7	6.94	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.23		1.20			68		968	10.1			7.1	14.9		4.6			42.3	6.97	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			43.0		108		83.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.9	1.43				7.87		145	156		6.83			264						54.6	0.55	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas		17.1	0.04	0.61	6.93	1.77	0.04		78	64	414	6.75	0.4		42.1		9.5		0.58	3.56	83.3		4.14
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		177						0.4	218	105			3.4		76.6	3.4	3.8	1.2		7.88	21.2	1.84	0.67
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		21.9	0.10	0.24	7.98	0.47	0.19		74	445	500	14.8	1.4		230	1.4	0.8	0.4		3.52	28.9	0.56	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		15.0	1.36	0.54	6.91	2.91	2.05	278	34	29	562	3.82	4.5		25.5		1.9		64.6	3.15	27.9		3.94
OREAS 621 (4		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 228b (Fire Assay) Meas	8690																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510																						
LS02 Orig	10	20.6	1.94	0.45	6.80	1.00	1.21	< 0.1	42	34	246	2.19	2.0	80	11.6	0.8	1.4	0.3	0.18	2.21	5.5	0.58	0.15
LS02 Dup	10	21.1	2.02	0.44	7.06	1.10	1.26	< 0.1	41	33	235	2.15	0.1	70	10.8	0.8	1.4	0.3	0.16	2.34	5.7	0.58	0.17
LS15 Orig		25.1	1.79	0.45	6.93	1.27	1.14	< 0.1	29	51	236	2.14	4.1	90	11.7	0.8	1.3	0.3	< 0.05	1.99	5.7	0.57	0.16
LS15 Dup		24.0	1.94	0.46	7.08	1.27	1.14	< 0.1	36	37	230	2.11	2.0	140	12.5	0.8	1.3	0.3	< 0.05	1.79	5.6	0.57	0.15
LS18 Orig	8																						
LS18 Dup	8																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	5	2	< 0.01	< 0.1	100	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	2	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		103	22.1	1.6	70.1		173	24	< 0.1			< 1	< 0.1		627	38.9	82.0		38.1	8.0	6.2	0.9	5.9
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				2.9																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				3.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						116				15.9						710	1210	114	341	50.8	36.4	4.1	24.9
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						120				18.2						728	1230	115	341	50.6	35.5	4.0	24.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	168	1180										190	5.2										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		69.2	13.1		3.9	15.5	151	33	1.5				0.8		105	3.8			4.9				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	3.0	28.9	16.4	90.5	75.8	32.0	29.4	33		2.20	0.2	3	0.5		203	45.8	85.7					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		197	26.8	27.4	108	30.4	186	109	15.1	2.17		4	1.1		679	50.6	102	12.4	49.8	10.0	7.9	1.0	6.2
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		44.0	20.1	5.8	42.0	10.1	28.8	45	0.1	0.60	0.1	< 1	< 0.1		180	17.0	34.0	3.6	13.7	2.1	2.2	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	5.1	> 10000	25.2	64.8	78.8	12.5	72.7	157	9.4	13.4	1.8	5	28.8			21.5	48.4					0.4	
OREAS 621 (4	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
LS02 Orig	0.7	21.8	12.9	2.1	25.1	7.6	302	107	4.6	0.64	< 0.1	< 1	< 0.1	< 0.1	506	19.0	40.6	4.1	15.1	2.8	2.0	0.2	1.5
LS02 Dup	0.8	23.3	13.6	2.6	27.3	7.6	304	16	1.6	0.61	< 0.1	< 1	< 0.1	< 0.1	516	17.8	38.0	3.7	14.6	2.4	1.9	0.2	1.5
LS15 Orig	0.8	23.4	13.2	2.2	27.4	7.7	289	138	0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	531	19.5	38.4	4.2	15.7	2.6	2.0	0.2	1.5
LS15 Dup	0.8	24.9	13.0	1.8	24.7	7.4	292	98	0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	508	17.4	34.4	3.7	13.7	2.6	1.9	0.2	1.5
LS18 Orig																							
LS18 Dup																							
Method Blank																							
Method Blank																							
Method Blank	0.6	0.3	0.4	0.9	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	1.4	0.3	1.0	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	29.7		0.5	3.1		< 0.1	< 0.1		0.62	24.0	15	11.4	2.6	0.0745	0.059	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	306															1.65
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	304															1.66
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	396		1.9	12.8	1.7					22.9		34.8	353	0.268	0.100	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	376		2.0	13.0	1.8					23.2		35.2	356	0.306	0.108	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									304						15.2
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	101			1.9						7.2	29			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas											28			0.265		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas																1.17
OREAS 13b (4-Acid) Cert																1.2
OREAS 904 (4 ACID) Meas	5870	0.2		3.2	0.5	< 0.1	1.6		0.54	11.4	11	15.4	9.3		0.094	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas											12				0.108	0.07
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas	31.8		0.5	3.4	0.5	1.0	1.5		0.94	36.8	21	15.7	5.8	0.501		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											20			0.487		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	361			1.5	0.2	< 0.1	< 0.1		0.29	22.2	51	15.3	2.8	0.204	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas																4.27
OREAS 96 (4 Acid) Cert																4.19
OREAS 96 (4 Acid) Meas																4.14
OREAS 96 (4 Acid) Cert																4.19
OREAS 621 (4 Acid) Meas	3530			1.0	0.2		2.0		2.14	> 5000	6	6.2	2.9	0.180	0.037	4.61
OREAS 621 (4	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Acid) Cert																
OREAS 522 (4 Acid) Meas											10			0.331	0.082	2.35
OREAS 522 (4 Acid) Cert											10.9			0.344	0.0890	2.50
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
LS02 Orig	8.9	< 0.1	0.1	0.8	0.1	< 0.1	0.3	0.002	0.29	15.3	6	6.7	1.3	0.242	0.047	0.02
LS02 Dup	9.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.002	0.29	15.5	6	5.7	1.2	0.240	0.044	0.02
LS15 Orig	11.3	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	15.6	6	6.0	1.2	0.143	0.029	0.02
LS15 Dup	10.2	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.28	15.0	6	5.0	1.2	0.187	0.024	0.02
LS18 Orig																
LS18 Dup																
Method Blank																
Method Blank																
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.003	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-07834**
Report Date: **14-Aug-20**
Date Submitted: **17-Jul-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

16 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-08-05 13:13:21

REPORT **A20-07834**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-07834**
Report Date: **14-Aug-20**
Date Submitted: **17-Jul-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

16 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-04 08:45:19

REPORT **A20-07834**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784401	< 5	29.4	2.89	0.82	6.41	1.08	2.05	< 0.1	30	36	236	1.77	1.9	30	26.4	0.3	0.7	< 0.1	0.06	1.43	5.7	0.41	2.75
784402	< 5	69.9	> 3.00	0.73	8.23	1.32	1.90	< 0.1	42	17	378	2.42	1.3	30	9.2	0.6	1.4	0.2	0.09	3.25	2.4	0.55	0.40
784403	< 5	139	> 3.00	1.01	8.25	1.79	2.13	< 0.1	56	22	413	2.85	3.6	20	11.6	0.7	1.3	0.3	0.10	7.27	8.1	0.77	0.18
784404	119	51.7	1.29	0.96	6.23	1.27	1.84	< 0.1	45	24	357	2.50	2.3	10	11.7	0.4	0.7	0.1	0.22	4.20	4.8	0.44	0.23
784405	429	9.7	0.90	1.58	4.20	0.34	4.64	0.4	212	64	893	13.1	0.6	30	167	2.6	0.2	0.9	1.82	0.41	122	1.30	1.63
784406	16	6.2	> 3.00	0.05	6.52	1.82	1.02	< 0.1	5	14	96	4.06	2.2	40	65.8	0.2	2.3	< 0.1	0.55	2.22	52.3	0.20	0.66
784407	< 5	17.8	1.44	1.48	7.58	0.29	9.69	0.2	160	28	1800	6.33	0.5	60	32.6	2.0	0.6	0.6	0.21	1.05	30.7	0.83	4.30
784408	< 5	9.8	1.63	1.50	6.23	0.38	5.87	0.4	107	93	918	4.62	1.2	30	52.0	1.0	0.9	0.3	0.07	3.55	21.4	0.64	0.34
784409	9	7.3	1.05	0.87	4.41	0.65	5.08	5.3	78	45	941	7.07	1.6	40	64.2	0.7	0.8	0.3	0.71	1.80	55.2	0.73	1.29
784410	< 5	22.8	1.57	3.95	4.76	0.11	4.46	< 0.1	205	89	1950	9.46	0.8	20	57.8	1.9	0.4	0.6	0.14	0.72	38.1	0.49	0.59
784411	5	36.0	1.00	2.26	7.63	0.37	8.84	0.1	223	38	1830	7.54	0.7	30	47.6	2.3	0.9	0.8	0.10	2.06	44.8	0.92	1.36
784412	5	27.1	0.69	1.90	5.79	0.24	7.17	0.1	135	50	1180	6.38	0.4	40	18.1	1.5	0.5	0.5	0.13	2.47	18.0	0.73	0.29
784413	6	29.3	0.72	2.16	6.64	0.48	8.47	< 0.1	187	50	1820	7.32	0.5	40	49.0	2.1	0.3	0.7	0.15	3.70	43.8	0.85	0.35
785501	< 5	66.1	1.42	3.06	6.04	0.27	6.45	0.2	322	48	2470	12.9	1.3	60	27.2	3.5	0.4	1.1	0.29	1.32	32.7	1.10	1.01
785502	117	23.3	0.93	2.44	7.11	0.36	9.23	0.2	286	64	1960	13.8	1.0	70	61.0	3.6	0.5	1.2	0.25	0.70	61.7	1.56	1.16
785503	46	40.8	1.92	3.38	7.29	0.44	7.01	0.1	234	62	1650	10.4	0.8	50	59.3	3.7	0.5	1.2	0.12	0.81	45.2	1.18	0.35

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784401	0.4	27.0	14.2	1.1	20.5	2.5	417	65	1.6	1.50	< 0.1	< 1	< 0.1	< 0.1	685	8.4	20.0	2.1	7.9	1.6	0.8	0.1	0.6
784402	0.7	31.5	20.2	1.2	70.7	4.7	456	41	3.4	1.13	< 0.1	< 1	< 0.1	< 0.1	371	8.7	18.6	2.7	11.0	2.5	1.5	0.2	1.2
784403	0.4	65.3	20.1	0.6	98.3	7.0	672	122	3.4	2.82	< 0.1	1	< 0.1	< 0.1	810	13.6	36.6	3.6	13.5	2.4	2.0	0.3	1.6
784404	0.6	28.2	11.3	0.6	59.7	4.0	128	82	3.9	4.58	< 0.1	1	< 0.1	0.1	729	8.3	19.3	2.2	7.7	1.4	0.8	0.1	0.8
784405	14.4	196	14.6	1.1	15.2	23.4	179	14	2.0	5.25	0.1	< 1	< 0.1	1.6	67	4.5	11.2	1.6	8.5	2.2	3.4	0.6	4.3
784406	3.5	5.4	16.9	0.8	67.3	1.6	308	63	1.2	2.21	< 0.1	< 1	< 0.1	0.4	92	3.2	7.5	0.9	3.2	0.3	0.4	< 0.1	0.3
784407	0.9	52.8	26.8	0.5	39.3	16.3	330	11	0.2	0.82	< 0.1	< 1	< 0.1	0.1	62	5.7	11.4	1.5	7.0	2.0	2.5	0.5	3.0
784408	0.6	314	16.5	0.7	23.3	8.5	258	47	0.8	1.47	0.2	2	< 0.1	0.1	178	11.2	21.4	2.3	8.3	1.5	1.7	0.2	1.6
784409	4.9	1290	15.4	0.8	37.9	7.1	273	56	2.5	3.65	0.5	2	< 0.1	0.7	121	15.1	32.5	3.6	14.4	2.6	2.1	0.2	1.5
784410	0.6	85.5	14.3	0.7	4.0	14.8	51.0	25	1.5	8.83	< 0.1	< 1	< 0.1	0.1	25	1.7	5.1	0.9	4.5	1.6	2.0	0.4	2.8
784411	0.3	83.8	26.1	0.8	41.7	19.5	153	16	0.4	0.59	< 0.1	< 1	< 0.1	< 0.1	71	5.1	11.6	1.7	8.4	2.1	2.9	0.6	3.7
784412	1.2	52.0	17.4	0.6	17.9	12.0	146	9	0.5	9.58	< 0.1	< 1	< 0.1	0.1	50	2.9	6.7	0.9	4.8	1.1	1.9	0.3	2.3
784413	1.1	72.3	21.2	0.7	42.6	18.7	143	11	0.8	1.71	< 0.1	< 1	< 0.1	< 0.1	109	4.9	11.5	1.6	8.0	2.0	2.9	0.5	3.7
785501	< 0.1	132	20.6	0.2	12.7	27.4	130	35	0.2	0.25	0.1	< 1	< 0.1	0.1	93	3.6	9.7	1.5	8.8	2.7	3.8	0.7	5.4
785502	0.4	128	26.5	0.7	7.9	30.6	277	21	0.2	0.31	0.3	< 1	< 0.1	< 0.1	55	45.8	74.3	7.0	24.1	4.6	5.2	0.9	5.6
785503	< 0.1	99.9	22.1	0.2	8.7	28.2	161	14	0.5	0.35	< 0.1	< 1	< 0.1	< 0.1	59	5.1	13.7	2.2	11.5	3.1	4.5	0.8	5.7

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784401	13.9	0.3	< 0.1	0.2	< 0.1	0.1	0.2	< 0.001	0.09	5.4	3	1.9	0.7	0.134	0.039	0.15
784402	32.6	0.5	< 0.1	0.5	< 0.1	0.5	0.4	< 0.001	0.44	4.6	4	3.4	1.0	0.139	0.051	0.07
784403	30.0	0.3	< 0.1	0.7	< 0.1	0.3	0.2	< 0.001	0.68	8.9	6	4.5	4.1	0.249	0.084	0.04
784404	34.9	0.2	< 0.1	0.5	< 0.1	0.2	5.2	< 0.001	0.42	3.9	4	4.1	0.7	0.170	0.090	0.38
784405	1660	0.2	0.4	2.5	0.3	0.1	1.6	0.022	0.89	62.5	20	0.2	0.1	0.413	0.028	7.63
784406	900	0.2	< 0.1	0.2	< 0.1	0.2	0.2	0.001	0.36	12.5	< 1	1.2	1.0	0.0224	0.001	3.25
784407	162	0.4	0.3	2.0	0.3	< 0.1	0.1	< 0.001	0.17	3.3	23	0.3	0.7	0.189	0.058	0.18
784408	81.0	0.3	0.2	1.0	0.2	< 0.1	0.2	< 0.001	0.12	5.7	13	2.1	0.6	0.191	0.021	0.09
784409	973	0.2	< 0.1	0.8	0.1	0.2	0.6	0.003	0.27	6.6	8	3.2	0.9	0.158	0.076	2.36
784410	160	0.4	0.3	1.8	0.3	< 0.1	0.1	0.005	< 0.05	1.1	28	0.2	< 0.1	0.325	0.019	0.08
784411	144	0.4	0.3	2.3	0.3	< 0.1	< 0.1	0.001	0.25	2.0	32	0.4	0.1	0.295	0.035	0.08
784412	157	0.5	0.2	1.4	0.2	< 0.1	0.3	0.002	0.10	2.1	21	0.3	0.2	0.247	0.030	0.08
784413	291	0.4	0.3	2.2	0.3	< 0.1	0.4	0.002	0.33	1.3	30	0.4	0.2	0.272	0.043	0.33
785501	90.7	0.3	0.5	3.4	0.5	< 0.1	< 0.1	< 0.001	0.35	10.0	40	0.5	0.2	0.284	0.030	0.09
785502	198	0.4	0.5	3.4	0.5	< 0.1	< 0.1	0.002	0.08	2.1	34	0.5	0.3	0.327	0.036	0.23
785503	50.4	0.3	0.5	3.5	0.5	< 0.1	< 0.1	< 0.001	< 0.05	1.7	37	0.5	0.1	0.351	0.039	0.11

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		33.8	1.46	0.99	7.98	2.02	0.96		44	61	838	4.80	1.0	50	32.7	3.6	2.6	1.2		4.07	17.2	1.58	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										159		9.18			> 5000						155		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.27		2.58			71		933	10.6			8.7	14.5		5.0			46.3	7.37	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			41.5		123		82.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.6	1.40				8.14		133	145		6.88			268						58.5	0.55	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2180				0.88		77.9		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		16.2	0.04	0.60	6.85	3.48	0.05		81	69	421	6.92	4.8		42.8		8.6		0.60	4.02	86.5		4.00
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		166						0.4	210	95			3.3		83.1	3.5	3.0	1.2		8.50	22.0	1.94	0.68
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		22.5	0.10	0.24	6.93	0.43	0.18		114	532	491	14.4	2.7		241	1.2	0.8	0.4		3.84	29.5	0.61	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			10.2		49.7		26.7
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		31.0	0.29	1.61	7.31	2.00	0.46	0.3	86	67	927	6.29	3.7		34.7	2.7	2.3	1.0	1.85	6.60	21.0	1.33	23.4
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		14.2	1.25	0.51	6.63	1.78	1.95	276	33	25	486	3.64	4.6		26.8		1.7		62.0	3.45	28.7		3.71
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.2	0.62	1.16	3.92	3.08	3.86		165	38	4150	25.5	2.9		72.8	2.1	0.8	0.7	1.27	0.67	> 500	1.83	8.92
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
Oreas 77b (4 Acid Digest) Meas		17.8	0.41	2.57	1.89	0.38	3.21	1.2	28	301	676	28.8	1.1		> 5000		0.5		1.59	2.38	> 500		3.51
Oreas 77b (4 Acid Digest) Cert		18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15		113000		0.470		1.62	2.32	1550		3.44
OREAS 228b (Fire Assay) Meas	8240																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	503																						
Oreas E1336 (Fire Assay) Cert	510																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784402 Orig	< 5																						
784402 Dup	< 5																						
785503 Orig	48																						
785503 Dup	44																						
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		96.0	20.7	0.4	104		177	34	2.1			< 1	< 0.1		653	41.0	82.5		39.7	6.3	6.9	1.0	6.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				4.1																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						126				19.1						731	1240	130	358	50.8	36.3	4.4	25.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	170	1290										185	11.5										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		65.1	15.0		3.6	15.2	149	36	1.2				0.6		104	3.8			5.0				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		144		50.0						8.70													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.9	27.8	17.8	98.4	129	32.3	25.8	172		2.27	0.2	3	1.2		225	45.3	85.4					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		187	25.5	26.6	145	30.4	183	116	14.0	2.06		3	1.1		802	50.8	99.7	12.4	47.2	9.1	7.8	1.1	6.4
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		44.1	23.3	8.2	40.2	10.2	28.9	98	0.2	0.19	< 0.1	< 1	< 0.1		193	16.7	35.3	3.9	14.3	2.4	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	43.4	448										66	4.6										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.5	323	18.0	6.1	138	23.7	40.7	111	13.0	0.93	0.5	14	1.5		430	43.2	80.2	9.2	35.0	5.3	5.7	0.9	5.1
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	4.9	> 10000	16.5	66.3	77.7	12.2	92.4	164	9.2	14.4	1.7	6	117			26.9	51.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.6	31.9	18.3	393	90.0	18.8	75.6	119	3.7	216	0.2	9	3.9	0.5		53.4	80.8	7.8	26.0	3.8	4.0	0.6	3.6
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
Oreas 77b (4 Acid Digest) Meas		218	5.2	1490	20.2	7.1	34.0	41	3.0		0.1	2	6.9	1.2	50	15.7	27.8						
Oreas 77b (4 Acid Digest) Cert		205	4.61	2050	19.1	6.55	34.4	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784402 Orig																							
784402 Dup																							
785503 Orig																							
785503 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	30.2		0.5	3.4		0.1	< 0.1		0.61	24.0		11.9	2.7			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	332															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	433		2.1	13.3	1.7					23.6		36.1	362	0.323	0.117	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									310						15.5
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	99.6			2.0						6.1						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2280															1.18
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 904 (4 ACID) Meas	6300	0.2		3.3	0.5	0.6	2.5		0.57	11.3	11	15.0	9.1		0.106	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas	32.8		0.5	3.5	0.5	1.0	1.7		0.94	36.2	20	15.4	5.7	0.485		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas	388			1.5	0.2	< 0.1	< 0.1		0.24	22.5	44	13.2	2.9	0.190	0.039	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									102						4.25
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 923 (4 Acid) Meas	3860		0.4	2.6	0.4	1.2	4.9		0.91	89.2	12	16.4	3.2	0.367	0.065	0.69
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3530			1.1	0.2		2.6		2.22	> 5000		8.2	2.9			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	9200		0.3	2.1	0.3	0.1	82.7	0.100	0.30	11.5	10	1.4	43.5	0.279	0.084	2.36
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
Oreas 77b (4 Acid Digest) Meas	3400					0.3	2.9	0.021	1.49	60.5		6.3	1.8			
Oreas 77b (4 Acid Digest) Cert	3430					0.280	3.07	0.0220	1.37	61.0		6.61	1.71			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784402 Orig																
784402 Dup																
785503 Orig																
785503 Dup																
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-07835**
Report Date: **19-Aug-20**
Date Submitted: **17-Jul-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-04 07:24:57

REPORT **A20-07835**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
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Report No.: **A20-07835**
Report Date: **19-Aug-20**
Date Submitted: **17-Jul-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

15 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-08-05 13:13:21

REPORT **A20-07835**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785504	17	19.1	2.13	3.17	7.59	0.66	7.45	< 0.1	256	69	1540	10.4	0.7	30	50.4	3.6	0.5	1.2	0.31	0.43	46.5	1.31	0.46
785505	< 5	10.5	1.03	0.58	2.34	0.17	1.54	< 0.1	74	40	382	2.95	0.5	40	17.2	0.9	0.3	0.3	0.12	0.38	10.2	0.32	0.13
785506	< 5	55.1	2.43	3.78	7.30	0.66	6.16	0.3	308	104	2020	9.17	0.8	40	84.4	2.4	0.4	0.8	0.40	3.39	59.8	0.81	0.58
785507	< 5	38.6	1.15	3.40	6.50	0.40	10.6	0.1	203	78	1630	7.44	0.6	30	88.7	1.6	0.9	0.5	0.09	3.30	46.2	0.66	2.44
785508	< 5	47.3	1.84	3.80	7.13	0.21	6.12	< 0.1	173	32	1470	9.23	1.0	30	36.3	3.2	0.5	1.0	0.06	1.22	40.5	1.08	0.18
785509	< 5	24.9	0.59	2.18	2.73	0.23	3.33	0.5	81	141	638	5.09	0.8	50	78.2	0.9	0.3	0.3	0.26	1.91	31.6	0.55	1.10
785510	< 5	19.4	0.63	1.49	2.29	0.12	2.21	0.4	34	52	398	4.33	0.6	30	51.5	0.7	0.2	0.2	0.23	1.27	21.9	0.34	0.51
785511	< 5	20.2	> 3.00	0.28	6.97	0.35	1.97	< 0.1	19	17	222	1.29	1.5	30	7.2	0.3	2.4	< 0.1	0.08	2.14	5.1	0.25	0.10
785512	5	43.5	2.18	0.33	4.59	0.59	0.96	< 0.1	18	28	166	1.33	1.1	30	5.6	0.2	0.5	< 0.1	0.07	1.95	2.2	0.22	0.23
784414	< 5	36.9	2.30	0.54	7.45	1.35	3.12	0.1	32	27	416	1.98	1.6	40	11.5	0.5	0.9	0.2	0.06	2.54	6.0	0.65	1.42
784415	< 5	66.9	> 3.00	0.83	6.95	0.67	1.60	0.3	36	31	429	2.11	2.1	70	18.4	0.5	0.7	0.2	< 0.05	2.50	6.3	0.53	0.12
784416	< 5	58.8	2.84	0.68	7.82	1.32	1.64	0.1	37	24	318	2.19	1.9	50	10.9	0.5	1.2	0.2	0.07	5.03	6.7	0.58	0.29
785513	< 5	22.4	1.28	0.66	4.05	0.42	2.88	0.1	50	39	402	2.53	0.5	90	10.6	0.8	0.8	0.3	0.07	1.41	6.8	0.77	0.76
785514	5190	13.9	1.36	3.21	5.88	0.61	5.46	0.2	148	133	3860	11.6	1.6	40	110	2.5	0.9	0.8	0.94	2.96	35.4	1.48	0.18
785515	< 5	44.5	2.71	0.14	6.84	3.52	1.06	< 0.1	9	17	201	1.42	4.1	70	1.1	0.5	1.0	0.2	0.12	2.11	1.6	0.54	0.08

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785504	0.7	100.0	21.9	0.3	10.0	29.6	262	12	1.5	0.78	< 0.1	< 1	< 0.1	< 0.1	175	7.5	17.4	2.4	11.6	4.2	4.7	0.9	6.0
785505	0.4	31.3	6.4	0.5	3.7	7.2	101	11	1.3	1.35	< 0.1	< 1	< 0.1	0.1	77	2.8	8.0	1.0	3.9	1.1	1.1	0.2	1.4
785506	0.7	143	16.6	0.7	47.9	19.1	143	18	2.2	0.74	< 0.1	< 1	< 0.1	0.3	275	3.9	10.2	1.5	7.4	2.3	3.1	0.6	4.0
785507	0.6	81.1	17.8	0.3	31.8	14.3	263	15	1.7	15.0	< 0.1	< 1	< 0.1	< 0.1	99	4.6	9.4	1.2	5.7	1.6	2.3	0.4	2.9
785508	< 0.1	87.1	19.0	0.4	6.8	25.8	148	30	0.2	0.43	< 0.1	< 1	< 0.1	< 0.1	39	3.4	10.4	1.8	9.1	2.9	4.1	0.8	5.2
785509	3.6	232	10.9	0.6	23.1	7.3	61.5	28	1.9	3.99	0.1	2	< 0.1	0.5	27	3.8	9.2	1.3	5.5	1.5	1.7	0.2	1.6
785510	2.6	165	7.6	0.5	10.3	5.2	53.1	22	1.0	3.71	0.1	< 1	< 0.1	0.3	14	4.2	9.8	1.3	5.4	1.1	1.1	0.2	1.1
785511	0.5	10.3	12.8	0.7	21.6	2.3	349	48	1.7	117	< 0.1	< 1	< 0.1	0.1	421	2.4	6.3	0.7	2.4	0.6	0.4	< 0.1	0.4
785512	< 0.1	13.7	10.5	0.2	21.6	1.5	261	39	1.0	9.83	< 0.1	< 1	< 0.1	< 0.1	243	4.2	10.7	1.0	3.5	0.5	0.5	< 0.1	0.4
784414	0.2	30.9	17.8	0.7	65.9	5.0	294	57	2.3	1.77	< 0.1	< 1	< 0.1	< 0.1	361	14.8	29.4	3.1	12.0	2.1	1.7	0.2	1.1
784415	0.1	71.4	16.9	0.5	45.1	4.6	267	73	1.1	1.43	< 0.1	< 1	< 0.1	< 0.1	137	11.0	22.8	2.5	10.0	1.1	1.4	0.2	1.0
784416	0.4	44.2	16.8	0.9	84.0	5.0	322	62	2.0	1.33	< 0.1	< 1	< 0.1	0.1	524	9.6	20.4	2.2	8.6	1.4	1.4	0.2	1.1
785513	0.3	44.3	11.4	0.4	19.2	7.2	221	12	1.3	3.12	< 0.1	< 1	< 0.1	< 0.1	88	15.3	32.6	3.9	15.1	3.1	2.1	0.3	1.5
785514	2.9	115	16.8	2350	22.8	21.6	252	61	2.2	3.09	< 0.1	1	5.1	0.2	117	21.0	31.9	4.9	21.1	5.3	5.2	0.8	4.6
785515	< 0.1	34.7	12.4	3.7	119	5.0	107	133	4.0	1.22	< 0.1	2	< 0.1	< 0.1	742	34.7	67.1	6.5	21.2	3.1	2.0	0.2	1.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785504	153	0.4	0.5	3.7	0.5	< 0.1	0.2	0.002	0.11	3.8	38	0.4	0.6	0.542	0.048	0.44
785505	49.1	0.2	0.1	0.9	0.1	< 0.1	< 0.1	0.001	< 0.05	1.8	10	1.4	0.4	0.199	0.012	0.17
785506	254	0.4	0.3	2.4	0.3	0.2	0.7	0.002	0.49	3.0	43	0.4	0.3	0.498	0.034	0.56
785507	179	0.6	0.3	1.8	0.2	< 0.1	0.8	0.008	0.20	1.8	29	0.3	0.2	0.327	0.039	0.19
785508	110	0.3	0.5	3.1	0.4	< 0.1	< 0.1	0.003	< 0.05	1.4	32	0.4	0.2	0.202	0.046	0.05
785509	381	0.2	0.1	1.0	0.1	0.1	1.8	0.003	0.23	2.6	9	0.6	0.4	0.163	0.039	0.86
785510	353	0.2	0.1	0.7	0.1	< 0.1	0.1	0.003	0.07	2.1	5	0.6	0.5	0.0588	0.037	1.05
785511	72.3	0.1	< 0.1	0.3	< 0.1	0.2	0.2	0.030	0.13	6.0	3	1.2	0.7	0.0661	0.003	0.09
785512	25.2	0.1	< 0.1	0.2	< 0.1	< 0.1	5.6	0.003	0.12	2.1	2	1.3	0.4	0.0825	0.017	0.05
784414	6.4	0.4	< 0.1	0.5	< 0.1	0.2	0.2	< 0.001	0.34	4.4	5	2.3	0.7	0.0893	0.041	0.03
784415	6.4	0.3	< 0.1	0.5	< 0.1	< 0.1	0.1	< 0.001	0.22	51.7	5	1.7	0.5	0.148	0.038	0.01
784416	25.7	0.2	< 0.1	0.5	< 0.1	0.2	0.1	< 0.001	0.58	9.8	5	1.9	0.7	0.187	0.047	0.02
785513	3.6	0.2	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.10	2.9	5	1.6	0.4	0.201	0.042	0.01
785514	174	0.3	0.3	2.1	0.3	< 0.1	1.7	0.003	0.13	10.7	17	3.7	1.6	0.450	0.204	2.85
785515	4.5	< 0.1	< 0.1	0.4	< 0.1	< 0.1	< 0.1	< 0.001	0.73	16.2	2	10.6	0.6	0.105	0.014	< 0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		33.8	1.46	0.99	7.98	2.02	0.96		44	61	838	4.80	1.0	50	32.7	3.6	2.6	1.2		4.07	17.2	1.58	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										159		9.18			> 5000						155		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.27		2.58			71		933	10.6			8.7	14.5		5.0			46.3	7.37	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			41.5		123		82.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.6	1.40				8.14		133	145		6.88			268						58.5	0.55	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2180				0.88		77.9		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		16.2	0.04	0.60	6.85	3.48	0.05		81	69	421	6.92	4.8		42.8		8.6		0.60	4.02	86.5		4.00
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		166						0.4	210	95			3.3		83.1	3.5	3.0	1.2		8.50	22.0	1.94	0.68
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		22.1	0.10	0.23	7.23	0.40	0.17		111	524	489	14.5	2.7		226	1.3	0.8	0.5		3.76	27.9	0.55	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.5	0.10	0.24	6.93	0.43	0.18		114	532	491	14.4	2.7		241	1.2	0.8	0.4		3.84	29.5	0.61	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			10.2		49.7		26.7
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		31.0	0.29	1.61	7.31	2.00	0.46	0.3	86	67	927	6.29	3.7		34.7	2.7	2.3	1.0	1.85	6.60	21.0	1.33	23.4
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		14.2	1.25	0.51	6.63	1.78	1.95	276	33	25	486	3.64	4.6		26.8		1.7		62.0	3.45	28.7		3.71
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.2	0.62	1.16	3.92	3.08	3.86		165	38	4150	25.5	2.9		72.8	2.1	0.8	0.7	1.27	0.67	> 500	1.83	8.92
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
Oreas 77b (4 Acid Digest) Meas		17.8	0.41	2.57	1.89	0.38	3.21	1.2	28	301	676	28.8	1.1		> 5000		0.5		1.59	2.38	> 500		3.51
Oreas 77b (4 Acid Digest) Cert		18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15		113000		0.470		1.62	2.32	1550		3.44
OREAS 228b (Fire Assay) Meas	8450																						
OREAS 228b (Fire Assay) Cert	8570																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas	501																						
Oreas E1336 (Fire Assay) Cert	510																						
785505 Orig	< 5																						
785505 Dup	< 5																						
785508 Orig		47.9	1.86	3.78	7.05	0.22	6.21	0.1	170	31	1440	9.34	0.9	30	36.3	3.1	0.5	1.0	0.07	1.22	40.9	1.08	0.18
785508 Dup		46.7	1.82	3.82	7.21	0.21	6.04	< 0.1	177	33	1500	9.11	1.1	20	36.3	3.3	0.5	1.0	0.06	1.21	40.2	1.07	0.18
784416 Orig	< 5																						
784416 Dup	< 5																						
785515 Orig		44.7	2.66	0.14	7.13	3.25	1.04	< 0.1	10	16	198	1.41	4.4	70	1.2	0.5	1.0	0.2	0.15	2.15	1.6	0.54	0.08
785515 Dup		44.3	2.75	0.13	6.54	3.78	1.07	< 0.1	8	18	204	1.43	3.8	80	1.0	0.5	1.0	0.2	0.09	2.07	1.6	0.54	0.07
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		96.0	20.7	0.4	104		177	34	2.1			< 1	< 0.1		653	41.0	82.5		39.7	6.3	6.9	1.0	6.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				4.1																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						126				19.1						731	1240	130	358	50.8	36.3	4.4	25.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	170	1290										185	11.5										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		65.1	15.0		3.6	15.2	149	36	1.2				0.6		104	3.8			5.0				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		144		50.0						8.70													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.9	27.8	17.8	98.4	129	32.3	25.8	172		2.27	0.2	3	1.2		225	45.3	85.4					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		187	25.5	26.6	145	30.4	183	116	14.0	2.06		3	1.1		802	50.8	99.7	12.4	47.2	9.1	7.8	1.1	6.4
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		43.5	20.4	10.4	36.7	9.7	33.0	96	0.2	0.15	< 0.1	< 1	< 0.1		191	15.3	33.1	3.5	13.0	2.8	2.2	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		44.1	23.3	8.2	40.2	10.2	28.9	98	0.2	0.19	< 0.1	< 1	< 0.1		193	16.7	35.3	3.9	14.3	2.4	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	43.4	448										66	4.6										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.5	323	18.0	6.1	138	23.7	40.7	111	13.0	0.93	0.5	14	1.5		430	43.2	80.2	9.2	35.0	5.3	5.7	0.9	5.1
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	4.9	> 10000	16.5	66.3	77.7	12.2	92.4	164	9.2	14.4	1.7	6	117			26.9	51.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.6	31.9	18.3	393	90.0	18.8	75.6	119	3.7	216	0.2	9	3.9	0.5		53.4	80.8	7.8	26.0	3.8	4.0	0.6	3.6
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
Oreas 77b (4 Acid Digest) Meas		218	5.2	1490	20.2	7.1	34.0	41	3.0		0.1	2	6.9	1.2	50	15.7	27.8						
Oreas 77b (4 Acid Digest) Cert		205	4.61	2050	19.1	6.55	34.4	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785505 Orig																							
785505 Dup																							
785508 Orig	0.2	86.9	19.2	0.4	7.0	25.7	147	28	0.1	0.31	< 0.1	< 1	< 0.1	< 0.1	39	3.5	10.6	1.7	9.1	2.8	4.1	0.8	5.1
785508 Dup	< 0.1	87.4	18.8	0.4	6.7	26.0	150	32	0.2	0.55	< 0.1	< 1	< 0.1	< 0.1	40	3.4	10.2	1.8	9.1	3.0	4.0	0.8	5.2
784416 Orig																							
784416 Dup																							
785515 Orig	< 0.1	31.1	11.5	5.9	115	5.0	110	138	6.2	1.30	< 0.1	2	< 0.1	< 0.1	768	35.1	68.5	6.6	21.6	2.8	2.0	0.2	1.1
785515 Dup	< 0.1	38.4	13.3	1.5	123	4.9	104	128	1.9	1.14	< 0.1	2	< 0.1	< 0.1	716	34.4	65.8	6.3	20.8	3.4	2.0	0.2	1.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	30.2		0.5	3.4		0.1	< 0.1		0.61	24.0		11.9	2.7			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	332															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	433		2.1	13.3	1.7					23.6		36.1	362	0.323	0.117	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									310						15.5
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	99.6			2.0						6.1						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2280															1.18
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 904 (4 ACID) Meas	6300	0.2		3.3	0.5	0.6	2.5		0.57	11.3	11	15.0	9.1		0.106	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas	32.8		0.5	3.5	0.5	1.0	1.7		0.94	36.2	20	15.4	5.7	0.485		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas	378			1.3	0.2	< 0.1	< 0.1		0.27	23.3	44	13.8	2.8	0.190	0.039	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	388			1.5	0.2	< 0.1	< 0.1		0.24	22.5		13.2	2.9			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4 Acid) Meas	> 10000									102						4.25
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 923 (4 Acid) Meas	3860		0.4	2.6	0.4	1.2	4.9		0.91	89.2	12	16.4	3.2	0.367	0.065	0.69
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3530			1.1	0.2		2.6		2.22	> 5000		8.2	2.9			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	9200		0.3	2.1	0.3	0.1	82.7	0.100	0.30	11.5	10	1.4	43.5	0.279	0.084	2.36
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
Oreas 77b (4 Acid Digest) Meas	3400					0.3	2.9	0.021	1.49	60.5		6.3	1.8			
Oreas 77b (4 Acid Digest) Cert	3430					0.280	3.07	0.0220	1.37	61.0		6.61	1.71			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
785505 Orig																
785505 Dup																
785508 Orig	108	0.2	0.5	3.1	0.4	< 0.1	< 0.1	0.003	< 0.05	1.4	33	0.4	0.2	0.188	0.045	0.05
785508 Dup	113	0.3	0.5	3.1	0.4	< 0.1	< 0.1	0.003	< 0.05	1.4	31	0.4	0.2	0.215	0.046	0.05
784416 Orig																
784416 Dup																
785515 Orig	3.1	< 0.1	< 0.1	0.5	< 0.1	0.3	0.1	< 0.001	0.74	16.6	2	11.0	0.6	0.109	0.017	< 0.01
785515 Dup	5.8	0.3	< 0.1	0.4	< 0.1	< 0.1	< 0.1	< 0.001	0.72	15.8	2	10.3	0.5	0.101	0.011	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-08227**
Report Date: **10-Aug-20**
Date Submitted: **24-Jul-20**
Your Reference: **Exploration/Prospecting**

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

ATTN: Vice President Tim (DNU Aug 4, 2020) Campbell

CERTIFICATE OF ANALYSIS

29 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-08-06 12:52:42

REPORT **A20-08227**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-08227**
Report Date: **10-Aug-20**
Date Submitted: **24-Jul-20**
Your Reference: **Exploration/Prospecting**

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

ATTN: Vice President Tim (DNU Aug 4, 2020) Campbell

CERTIFICATE OF ANALYSIS

29 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-04 10:08:04

REPORT **A20-08227**

Notes:

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

CERTIFIED BY:

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784417	< 5	32.0	0.38	0.94	3.33	1.28	0.48	< 0.1	83	87	372	2.19	0.4	30	16.3	0.4	0.8	0.2	< 0.05	3.23	5.7	0.37	0.16
784418	< 5	3.3	2.37	0.10	6.00	2.63	0.83	0.4	19	20	134	1.20	1.5	30	6.8	2.5	0.5	0.8	0.29	0.93	11.7	0.23	0.34
784419	< 5	2.8	1.74	0.15	2.76	0.28	0.54	< 0.1	10	38	148	1.07	0.4	60	5.8	0.2	0.6	< 0.1	< 0.05	0.32	1.4	0.15	0.11
785516	< 5	97.3	> 3.00	0.54	8.42	1.34	2.00	< 0.1	32	18	231	1.79	2.5	40	9.3	0.3	0.9	0.1	0.12	2.37	5.0	0.56	0.39
785517	< 5	39.7	1.45	0.22	3.15	0.55	0.75	< 0.1	12	60	146	1.22	1.0	30	5.6	0.1	0.3	< 0.1	< 0.05	0.83	2.7	0.23	0.23
785518	< 5	97.9	> 3.00	0.51	8.21	1.25	1.93	< 0.1	32	21	246	1.82	2.5	30	10.3	0.3	1.0	0.1	0.13	2.46	5.2	0.54	0.38
785519	< 5	65.6	> 3.00	0.50	7.76	1.54	1.78	< 0.1	36	18	248	2.09	2.0	30	7.0	0.3	1.0	0.1	0.12	2.93	4.5	0.56	0.42
785520	< 5	97.6	> 3.00	0.55	8.78	0.73	2.72	< 0.1	36	16	277	2.04	2.3	20	11.1	0.4	1.2	0.1	0.11	4.05	6.1	0.58	0.41
785521	< 5	46.1	1.34	0.23	3.06	0.68	0.66	< 0.1	13	41	164	1.38	0.8	20	6.2	0.1	0.5	< 0.1	0.06	2.01	3.6	0.19	0.21
785522	< 5	88.0	> 3.00	0.48	7.70	1.31	1.82	< 0.1	31	20	218	1.88	2.3	40	8.3	0.3	0.9	< 0.1	0.06	2.78	3.5	0.42	0.28
785523	< 5	31.3	0.76	0.19	1.82	0.21	0.52	< 0.1	11	46	141	1.49	0.4	20	8.1	0.1	0.4	< 0.1	0.09	1.19	3.8	0.11	0.27
785524	< 5	12.9	0.23	0.04	0.51	0.06	0.12	< 0.1	4	43	99	0.80	0.1	20	3.2	< 0.1	0.1	< 0.1	< 0.05	0.38	1.1	0.06	0.03
785525	5	43.8	2.35	1.94	8.92	2.42	5.56	0.2	97	51	868	4.25	2.0	20	50.1	1.4	1.7	0.5	0.26	3.01	14.4	2.12	3.74
785526	< 5	24.6	> 3.00	1.25	6.66	0.91	2.81	< 0.1	84	50	399	3.69	1.6	60	25.0	0.8	0.9	0.3	0.64	0.55	5.0	1.03	1.05
785527	3710	19.5	1.85	4.32	6.58	0.44	5.69	0.2	182	220	1140	6.77	1.2	80	132	1.8	0.4	0.7	0.76	0.35	39.6	0.70	0.31
785528	< 5	45.1	2.62	0.15	7.56	2.68	1.10	< 0.1	11	15	203	1.40	4.5	40	1.6	0.5	1.1	0.2	0.16	1.48	1.6	0.53	0.04
785529	< 5	30.4	> 3.00	0.38	8.10	0.70	2.11	< 0.1	28	15	259	1.60	2.3	20	6.4	0.3	1.0	0.1	0.10	2.08	3.8	0.49	0.31
785530	< 5	32.9	> 3.00	0.44	8.37	1.54	1.67	< 0.1	28	19	244	1.71	2.7	10	5.7	0.2	1.0	< 0.1	0.07	2.49	3.5	0.41	0.20
785531	< 5	42.7	> 3.00	0.47	8.91	1.68	1.68	0.1	28	13	244	1.68	2.7	60	5.7	0.2	0.9	< 0.1	0.08	1.90	3.4	0.40	0.22
785532	< 5	28.8	1.71	0.88	5.35	1.52	2.06	0.1	58	20	461	3.21	1.3	40	11.6	1.0	1.3	0.4	0.09	1.27	9.7	1.17	0.57
785533	< 5	49.0	> 3.00	0.76	9.76	2.47	2.30	< 0.1	63	19	374	2.47	2.1	40	12.6	0.3	1.3	< 0.1	0.07	2.53	4.7	0.34	0.29
785534	< 5	55.9	> 3.00	0.84	> 10.0	2.45	3.07	< 0.1	83	42	456	2.65	2.6	20	11.6	0.6	1.8	0.2	0.14	2.95	5.1	0.51	0.65
785535	734	16.6	1.20	0.61	3.22	0.27	1.83	< 0.1	39	44	314	4.10	0.7	< 10	35.6	0.4	0.5	0.2	0.89	3.78	31.3	0.43	0.84
785536	2310	16.8	0.66	1.24	2.47	0.19	2.46	0.2	123	86	609	6.14	0.3	30	56.2	1.1	0.5	0.4	0.92	0.65	58.5	0.36	1.55
785537	932	18.8	0.84	0.66	2.62	0.26	1.62	0.1	58	67	418	4.68	0.5	40	42.4	0.7	1.6	0.2	0.85	2.49	53.4	0.36	1.31
785538	62	39.1	2.67	0.98	6.72	0.84	2.79	< 0.1	69	40	492	4.30	1.7	40	31.0	0.9	1.9	0.3	0.52	4.01	25.9	0.92	0.83
785539	8	37.9	1.25	3.36	6.89	0.90	7.28	0.1	232	97	1490	10.2	0.6	40	59.7	3.7	0.6	1.2	0.18	1.98	45.0	1.36	0.97
785540	1190	17.4	0.88	1.82	4.16	0.32	5.15	< 0.1	181	76	923	7.07	0.5	50	60.3	1.8	0.4	0.6	0.72	0.65	40.4	0.63	1.10
785541	32	25.9	0.48	3.34	7.72	0.41	11.0	1.1	280	100	1730	11.6	0.9	40	83.6	3.7	0.8	1.2	0.44	0.81	60.3	1.40	3.27

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784417	0.4	37.1	16.5	1.0	139	5.2	42.2	12	1.3	3.02	< 0.1	< 1	< 0.1	< 0.1	111	4.5	10.7	1.2	4.7	1.0	1.1	0.2	0.9
784418	0.1	172	13.5	0.5	135	20.4	238	32	9.8	1.39	< 0.1	< 1	< 0.1	< 0.1	189	11.8	29.5	3.4	12.3	3.6	4.1	0.7	4.4
784419	0.5	6.4	6.7	0.5	12.1	2.5	180	13	0.6	3.16	< 0.1	< 1	< 0.1	< 0.1	76	5.5	11.8	1.2	3.7	0.5	0.5	< 0.1	0.4
785516	0.4	30.7	19.5	0.9	45.3	3.5	493	89	2.2	1.40	< 0.1	< 1	< 0.1	0.2	552	10.4	25.1	2.8	10.1	1.5	1.4	0.2	0.7
785517	0.2	13.5	8.1	0.6	18.7	1.5	190	34	0.8	3.32	< 0.1	< 1	< 0.1	0.1	206	5.0	11.7	1.3	4.6	0.9	0.6	< 0.1	0.3
785518	0.7	28.2	19.9	0.5	46.6	3.5	513	85	2.1	2.44	< 0.1	< 1	< 0.1	0.2	473	12.2	27.6	3.1	11.4	1.6	1.4	0.2	0.8
785519	0.6	24.9	16.7	0.3	42.7	3.0	468	64	2.5	3.93	< 0.1	< 1	< 0.1	0.1	534	11.0	26.0	2.4	8.0	1.4	1.0	0.1	0.6
785520	0.5	22.3	24.6	0.5	32.5	3.6	634	80	2.1	3.80	< 0.1	< 1	< 0.1	< 0.1	209	9.9	23.5	2.6	9.4	1.7	1.3	0.2	0.7
785521	0.5	9.1	7.2	1.1	23.7	1.3	194	28	0.9	11.7	< 0.1	< 1	< 0.1	< 0.1	282	3.1	9.5	0.8	3.1	0.5	0.5	< 0.1	0.3
785522	0.6	15.6	19.9	1.0	40.0	2.8	473	81	1.8	1.67	< 0.1	< 1	< 0.1	< 0.1	472	7.3	17.8	1.9	7.2	1.2	1.1	0.1	0.6
785523	0.5	15.1	4.7	0.6	15.2	1.1	124	14	0.6	4.37	< 0.1	< 1	< 0.1	< 0.1	85	1.9	5.4	0.5	2.0	0.3	0.3	< 0.1	0.2
785524	0.3	4.1	1.6	0.7	4.9	0.4	46.1	4	0.1	3.82	< 0.1	< 1	< 0.1	< 0.1	22	2.5	7.6	0.6	1.9	0.3	0.2	< 0.1	< 0.1
785525	0.4	73.3	18.4	0.5	88.2	14.1	863	68	3.4	36.2	< 0.1	< 1	< 0.1	0.2	1210	52.9	129	15.9	59.3	9.5	5.7	0.6	2.8
785526	0.9	32.7	17.3	0.9	28.5	8.0	408	57	3.4	4.04	< 0.1	< 1	< 0.1	0.3	377	26.2	57.1	6.5	24.0	3.9	2.5	0.3	1.5
785527	0.6	76.8	13.8	24.8	15.1	17.0	99.7	40	0.5	2.26	< 0.1	< 1	0.3	0.1	194	4.6	11.3	1.5	6.9	1.8	2.5	0.5	2.9
785528	0.3	32.7	14.5	0.6	104	5.4	111	145	7.8	1.43	< 0.1	2	< 0.1	< 0.1	701	23.2	54.1	4.7	15.4	2.1	1.7	0.2	1.1
785529	0.4	36.0	22.6	0.6	28.7	3.1	742	74	1.9	1.79	< 0.1	< 1	< 0.1	< 0.1	260	9.5	21.4	2.4	8.8	1.6	1.2	0.1	0.6
785530	0.3	42.4	20.7	0.6	43.1	2.2	580	91	1.6	1.50	< 0.1	< 1	< 0.1	< 0.1	511	7.8	18.8	1.9	7.2	1.2	0.8	0.1	0.5
785531	0.4	43.2	20.2	1.3	44.6	2.1	506	94	1.8	0.82	< 0.1	< 1	< 0.1	< 0.1	541	7.5	18.3	2.1	7.4	1.3	0.9	0.1	0.5
785532	0.5	61.1	16.6	0.8	45.5	10.1	269	51	2.8	1.94	< 0.1	< 1	< 0.1	< 0.1	536	20.2	51.2	6.3	25.2	4.3	3.5	0.4	2.1
785533	0.6	54.1	26.5	0.6	86.5	2.6	471	65	3.2	2.02	< 0.1	< 1	< 0.1	< 0.1	651	8.9	22.7	2.2	7.6	1.4	0.8	0.1	0.5
785534	0.4	55.1	30.6	0.5	80.9	5.3	520	80	4.3	23.7	< 0.1	< 1	< 0.1	< 0.1	789	7.2	22.5	2.3	8.2	1.7	1.3	0.2	1.1
785535	2.0	29.5	9.2	0.7	22.4	4.8	240	30	3.0	65.7	< 0.1	1	< 0.1	0.4	120	10.5	24.9	2.7	10.0	1.6	1.2	0.2	0.9
785536	2.2	64.8	9.1	0.9	7.2	10.1	122	7	1.8	11.3	< 0.1	2	< 0.1	0.9	26	2.4	6.0	0.8	4.0	0.8	1.4	0.3	1.7
785537	2.2	59.6	10.3	0.4	19.5	6.0	157	17	5.7	20.6	< 0.1	4	< 0.1	0.4	69	6.3	15.2	1.8	6.5	1.1	1.1	0.2	1.1
785538	1.3	55.1	16.5	0.3	59.3	8.6	411	69	7.7	550	< 0.1	3	< 0.1	0.4	222	28.1	64.1	7.1	25.1	3.7	2.7	0.3	1.6
785539	0.2	113	21.7	0.2	55.8	31.3	164	11	0.3	10.6	< 0.1	< 1	< 0.1	0.1	165	5.8	15.9	2.4	11.5	3.5	4.8	0.9	5.5
785540	1.4	69.0	13.7	0.6	12.7	16.1	268	11	1.9	4.97	< 0.1	1	< 0.1	0.4	68	5.4	12.1	1.7	7.3	1.8	2.4	0.4	2.7
785541	0.8	463	25.3	0.5	14.6	33.1	265	18	0.6	0.31	0.1	< 1	< 0.1	< 0.1	61	6.0	17.1	2.6	12.6	3.7	5.1	0.9	5.9

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784417	3.3	0.1	< 0.1	0.4	< 0.1	< 0.1	0.1	< 0.001	0.71	2.1	5	0.9	0.2	0.0719	0.024	< 0.01
784418	11.8	0.1	0.4	2.6	0.4	2.0	< 0.1	< 0.001	0.93	92.7	3	24.9	18.2	0.0351	0.009	0.09
784419	42.2	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.001	0.06	2.5	1	1.5	0.3	0.0329	0.026	< 0.01
785516	16.2	0.1	< 0.1	0.3	< 0.1	0.2	0.5	< 0.001	0.28	6.3	4	2.3	0.8	0.173	0.044	0.35
785517	6.3	< 0.1	< 0.1	0.1	< 0.1	< 0.1	0.2	< 0.001	0.09	2.4	2	0.9	0.3	0.0695	0.017	0.27
785518	18.8	0.1	< 0.1	0.3	< 0.1	0.2	0.4	< 0.001	0.29	5.9	3	2.2	0.9	0.167	0.042	0.39
785519	13.4	0.1	< 0.1	0.3	< 0.1	0.2	0.2	0.001	0.25	7.3	3	2.2	0.8	0.170	0.034	0.23
785520	16.6	< 0.1	< 0.1	0.3	< 0.1	0.1	0.4	< 0.001	0.18	5.6	4	2.3	0.8	0.173	0.042	0.17
785521	17.4	< 0.1	< 0.1	0.1	< 0.1	< 0.1	0.2	0.002	0.11	2.5	2	0.7	0.3	0.0634	0.014	0.08
785522	12.1	0.1	< 0.1	0.2	< 0.1	< 0.1	0.3	0.001	0.19	5.7	3	1.7	0.6	0.156	0.027	0.07
785523	17.5	0.1	< 0.1	0.1	< 0.1	< 0.1	0.2	< 0.001	0.12	4.1	1	0.5	0.5	0.0475	0.025	0.29
785524	3.3	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	0.7	< 1	0.2	< 0.1	0.0097	0.005	< 0.01
785525	48.8	0.2	0.2	1.2	0.2	0.2	1.3	0.012	0.57	12.9	10	7.1	1.8	0.302	0.179	0.27
785526	51.8	< 0.1	0.1	0.8	0.1	0.2	1.3	0.002	0.16	20.7	9	4.5	1.1	0.252	0.130	0.58
785527	147	0.4	0.3	1.9	0.3	< 0.1	0.7	0.003	0.10	19.2	33	0.9	0.3	0.362	0.036	0.46
785528	2.0	< 0.1	< 0.1	0.5	< 0.1	0.6	0.1	< 0.001	0.70	16.3	2	9.8	0.7	0.109	0.019	< 0.01
785529	11.4	< 0.1	< 0.1	0.3	< 0.1	0.1	0.3	< 0.001	0.15	6.6	3	2.0	0.8	0.139	0.035	0.12
785530	8.2	0.1	< 0.1	0.2	< 0.1	0.1	0.1	< 0.001	0.24	8.4	3	1.6	0.6	0.145	0.022	0.07
785531	17.0	0.1	< 0.1	0.2	< 0.1	0.1	0.2	< 0.001	0.26	8.4	3	1.9	1.1	0.144	0.029	0.05
785532	22.3	0.3	0.1	0.9	0.1	0.2	0.4	< 0.001	0.23	6.4	6	3.1	1.0	0.283	0.127	0.11
785533	33.9	0.1	< 0.1	0.3	< 0.1	0.3	0.6	< 0.001	0.50	12.4	5	3.2	1.6	0.179	0.066	0.04
785534	24.1	0.1	< 0.1	0.6	< 0.1	0.4	0.6	0.002	0.49	15.4	6	4.3	2.0	0.212	0.076	0.22
785535	429	0.1	< 0.1	0.4	< 0.1	0.3	2.6	0.012	0.22	3.1	3	1.3	0.3	0.127	0.053	1.61
785536	495	0.2	0.2	1.0	0.1	< 0.1	0.8	0.006	< 0.05	3.0	13	0.1	< 0.1	0.265	0.018	2.06
785537	514	0.1	< 0.1	0.6	< 0.1	0.5	0.9	0.005	0.11	2.2	8	0.5	0.3	0.193	0.027	2.04
785538	252	< 0.1	0.1	0.8	0.1	1.1	1.7	0.126	0.31	4.4	8	2.7	0.7	0.291	0.099	1.02
785539	85.8	0.2	0.5	3.5	0.5	< 0.1	< 0.1	0.036	0.33	1.8	39	0.4	0.2	0.314	0.052	0.55
785540	281	0.2	0.3	1.7	0.2	< 0.1	0.8	0.002	0.07	4.6	21	0.3	< 0.1	0.433	0.032	1.68
785541	264	0.4	0.6	3.7	0.6	< 0.1	< 0.1	0.003	0.11	2.8	41	0.4	0.1	0.443	0.049	1.35

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		22.5	0.10	0.26	8.39	0.44	0.19		70	423	482	15.1	1.3		239	1.4	0.8	0.5		3.97	30.6	0.61	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.3		50.4		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.5	0.33	1.78	7.64	1.87	0.49	0.4	94	80	944	6.41	3.9		37.2	2.9	2.6	1.1	1.84	7.01	23.0	1.30	19.3
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		14.0	1.40	0.52	6.38	1.80	1.90	303	34	44	526	3.71	4.9		25.8		1.9		63.4	3.29	28.3		4.18
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 228b (Fire Assay) Meas	8460																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas	512																						
Oreas E1336 (Fire Assay) Cert	510																						
784418 Orig	< 5																						
784418 Dup	< 5																						
785520 Orig		96.1	> 3.00	0.55	8.95	0.74	2.73	< 0.1	35	17	276	2.02	2.4	20	10.9	0.4	1.2	0.1	0.11	4.05	6.0	0.60	0.40
785520 Dup		99.1	> 3.00	0.54	8.60	0.72	2.71	< 0.1	36	15	278	2.06	2.3	30	11.4	0.4	1.2	0.1	0.11	4.05	6.1	0.56	0.42
785528 Orig	< 5																						
785528 Dup	< 5																						
785529 Orig		30.1	> 3.00	0.38	8.16	0.70	2.12	< 0.1	28	15	261	1.62	2.4	10	6.6	0.3	1.1	0.1	0.10	2.04	3.8	0.49	0.31
785529 Dup		30.8	> 3.00	0.38	8.05	0.71	2.09	< 0.1	27	15	258	1.59	2.2	30	6.2	0.3	1.0	0.1	0.10	2.13	3.8	0.50	0.30
785535 Orig		16.6	1.20	0.61	3.19	0.27	1.84	< 0.1	39	58	313	4.11	0.7	20	35.6	0.4	0.6	0.2	0.93	3.75	31.6	0.44	0.85
785535 Dup		16.6	1.21	0.60	3.25	0.27	1.81	< 0.1	38	30	314	4.09	0.7	< 10	35.6	0.5	0.5	0.2	0.85	3.81	31.1	0.42	0.83
785537 Orig	907																						
785537 Dup	956																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		44.7	22.7	6.9	46.7	12.0	34.5	47	0.3	0.14	< 0.1	< 1	< 0.1		188	17.6	40.7	4.1	14.6	3.2	2.6	0.4	2.5
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	42.3	438										66	4.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	6.8	350	19.4	7.7	147	26.6	45.6	128	14.3	1.24	0.5	14	1.3		399	43.2	89.8	9.9	36.2	6.8	6.1	0.9	5.0
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	4.3	> 10000	25.2	69.8	81.1	12.4	59.5	170	8.7	14.8	1.8	5	27.6			15.1	44.9					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784418 Orig																							
784418 Dup																							
785520 Orig	0.7	22.9	24.5	0.7	32.5	3.6	631	78	2.1	3.89	< 0.1	< 1	< 0.1	< 0.1	212	10.0	23.7	2.6	9.5	1.7	1.4	0.2	0.7
785520 Dup	0.4	21.6	24.7	0.3	32.4	3.7	638	82	2.1	3.70	< 0.1	< 1	< 0.1	< 0.1	206	9.8	23.3	2.5	9.3	1.7	1.3	0.2	0.8
785528 Orig																							
785528 Dup																							
785529 Orig	0.6	34.4	22.6	0.9	29.0	3.1	756	79	1.9	1.73	< 0.1	< 1	< 0.1	< 0.1	263	9.6	21.5	2.4	9.1	1.5	1.2	0.1	0.6
785529 Dup	0.3	37.7	22.6	0.4	28.5	3.0	728	68	1.8	1.85	< 0.1	< 1	< 0.1	< 0.1	256	9.4	21.4	2.4	8.5	1.7	1.3	0.1	0.7
785535 Orig	2.1	29.6	9.1	0.8	22.2	4.9	241	30	3.0	67.9	< 0.1	1	< 0.1	0.4	122	10.5	24.7	2.6	10.3	1.7	1.2	0.2	0.9
785535 Dup	1.9	29.5	9.3	0.6	22.6	4.8	239	30	3.0	63.4	< 0.1	1	< 0.1	0.4	119	10.5	25.0	2.8	9.6	1.6	1.2	0.2	0.8
785537 Orig																							
785537 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas											15			0.0602	0.062	
SDC-1 Cert											17.00			0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas																1.71
Oreas 72a (4 Acid Digest) Cert																1.74
OREAS 101b (4 Acid) Meas														0.264	0.114	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 98 (4 Acid) Meas																15.2
OREAS 98 (4 Acid) Cert																15.5
DNC-1a Meas											29			0.267		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas																1.23
OREAS 13b (4-Acid) Cert																1.2
OREAS 904 (4 ACID) Meas											11				0.110	0.07
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas											20			0.465		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	387			1.5	0.2	< 0.1	< 0.1		0.26	22.1	51	14.8	2.9	0.0939	0.037	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									100						4.34
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 923 (4 Acid) Meas	4160		0.4	2.9	0.4	1.2	5.1		1.02	85.5	13	16.8	3.4	0.402	0.069	0.72
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3380			1.1	0.2		1.7		2.15	> 5000	6	3.4	3.0	0.179	0.040	4.61
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
Oreas 77b (4 Acid Digest) Meas											3			0.0578		
Oreas 77b (4 Acid Digest) Cert											3.51			0.0640		
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
784418 Orig																
784418 Dup																
785520 Orig	16.9	< 0.1	< 0.1	0.3	< 0.1	0.2	0.5	0.001	0.18	5.6	4	2.3	0.8	0.173	0.043	0.17
785520 Dup	16.4	< 0.1	< 0.1	0.3	< 0.1	0.1	0.4	< 0.001	0.18	5.7	4	2.3	0.8	0.172	0.042	0.17
785528 Orig																
785528 Dup																
785529 Orig	10.7	< 0.1	< 0.1	0.3	< 0.1	0.1	0.3	0.001	0.16	6.7	3	2.1	0.8	0.140	0.036	0.12
785529 Dup	12.1	0.1	< 0.1	0.2	< 0.1	0.1	0.3	< 0.001	0.15	6.5	3	2.0	0.7	0.138	0.035	0.12
785535 Orig	431	0.1	< 0.1	0.4	< 0.1	0.3	2.8	0.013	0.23	3.1	3	1.3	0.3	0.128	0.053	1.66
785535 Dup	428	0.1	< 0.1	0.4	< 0.1	0.3	2.4	0.011	0.22	3.1	3	1.4	0.3	0.126	0.052	1.57
785537 Orig																
785537 Dup																
Method Blank																
Method Blank																
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-08671**
Report Date: **16-Sep-20**
Date Submitted: **31-Jul-20**
Your Reference: **Exploration/Prospecting**

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

ATTN: Vice President Tim (DNU Aug 4, 2020) Campbell

CERTIFICATE OF ANALYSIS

28 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-08-19 12:02:14

REPORT **A20-08671**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-08671**
Report Date: **16-Sep-20**
Date Submitted: **31-Jul-20**
Your Reference: **Exploration/Prospecting**

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

ATTN: Vice President Tim (DNU Aug 4, 2020) Campbell

CERTIFICATE OF ANALYSIS

28 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-12 12:45:58

REPORT **A20-08671**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784420	< 5	61.2	2.38	3.22	8.10	1.09	5.90	0.2	160	37	2100	8.61	0.3	< 10	51.7	2.7	0.9	0.8	0.10	3.20	44.5	1.01	1.31
784421	< 5	29.2	> 3.00	0.41	8.16	1.16	2.03	0.2	27	18	665	5.16	6.3	< 10	44.0	1.7	6.8	0.5	1.39	3.00	23.0	0.46	2.44
784422	< 5	49.7	1.69	3.32	7.55	0.56	7.43	0.4	321	78	1890	8.67	1.0	< 10	58.5	2.2	2.1	0.6	0.26	2.29	41.5	0.88	3.36
784423	< 5	23.3	> 3.00	0.13	8.09	0.45	0.64	0.3	8	14	4270	4.21	11.7	< 10	33.8	9.0	5.2	2.2	1.90	1.28	17.1	0.15	4.84
785543	116	22.9	0.50	2.21	6.33	0.15	13.8	0.2	238	60	1870	10.8	1.0	< 10	59.4	3.2	0.6	0.9	0.61	0.60	48.8	1.28	3.24
785545	< 5	12.7	0.54	0.45	1.53	0.10	0.86	< 0.1	51	53	335	1.83	0.1	< 10	7.5	0.2	< 0.1	< 0.1	< 0.05	1.00	4.5	0.09	0.06
785546	< 5	15.8	0.83	0.93	2.39	0.12	1.68	< 0.1	77	110	494	2.78	0.5	< 10	17.8	0.4	0.2	0.1	< 0.05	1.23	8.7	0.22	0.11
785547	< 5	32.4	2.43	1.64	6.66	0.85	3.63	< 0.1	221	120	839	6.17	0.6	< 10	68.4	1.5	0.3	0.5	0.49	3.48	46.0	0.74	0.66
784424	7	10.4	0.86	1.81	5.93	0.47	6.80	3.5	231	124	1320	7.09	0.8	< 10	55.9	1.8	0.2	0.5	0.51	1.40	28.9	0.75	1.63
784425	6	11.7	1.47	1.24	7.52	1.44	6.91	0.1	188	156	708	5.34	2.4	< 10	43.1	1.7	0.6	0.5	0.16	2.74	27.9	0.93	0.53
784426	< 5	11.2	1.73	1.12	5.84	0.58	4.46	< 0.1	127	25	523	3.21	1.5	< 10	18.2	1.0	0.4	0.3	0.27	3.46	17.8	0.56	0.40
784427	< 5	4.5	1.47	0.11	6.65	1.08	4.38	< 0.1	73	57	227	2.97	2.4	< 10	1.1	0.9	0.5	0.3	0.14	3.07	2.5	0.66	0.59
784428	< 5	19.7	0.48	1.15	6.56	0.30	11.8	0.4	375	36	3280	13.9	1.1	< 10	13.6	2.4	0.5	0.7	1.10	0.68	18.2	0.88	9.00
784429	< 5	23.0	0.41	1.52	5.53	0.31	10.4	0.2	367	42	2830	15.8	1.2	< 10	31.0	2.7	1.7	0.8	0.23	0.41	35.8	0.98	8.13
785548	< 5	66.7	2.58	0.82	8.65	1.65	2.70	< 0.1	56	35	467	2.96	1.5	< 10	16.0	0.5	1.0	0.2	0.11	6.82	6.9	0.67	0.21
785549	< 5	51.0	> 3.00	0.41	7.01	1.61	1.32	< 0.1	29	24	191	1.62	2.2	< 10	3.0	0.1	1.0	< 0.1	0.16	2.60	2.7	0.34	0.47
785550	< 5	19.6	> 3.00	1.05	8.93	1.64	3.05	< 0.1	71	19	544	3.06	3.0	< 10	11.6	0.8	1.7	0.3	0.12	1.75	7.2	1.11	0.30
785551	10	31.1	> 3.00	1.16	8.22	1.84	2.98	0.2	82	9	615	5.00	2.4	10	< 0.5	1.7	1.2	0.6	0.69	3.31	14.5	2.46	2.33
785552	< 5	2.4	0.08	0.03	0.23	0.08	0.09	< 0.1	2	31	94	0.83	< 0.1	< 10	2.1	< 0.1	< 0.1	< 0.1	< 0.05	0.31	1.2	< 0.05	0.05
785553	< 5	8.2	0.28	0.04	0.71	0.36	0.15	< 0.1	3	38	100	0.79	< 0.1	< 10	1.1	< 0.1	0.1	< 0.1	< 0.05	0.37	0.6	< 0.05	< 0.02
784430	15	15.9	1.89	0.24	4.62	1.09	0.90	< 0.1	20	31	175	1.55	1.0	80	3.5	0.2	0.8	< 0.1	0.21	1.23	2.2	0.16	105
785554	5550	14.7	1.29	3.05	5.87	0.67	5.10	0.1	171	117	3750	10.9	1.8	< 10	100	2.1	0.8	0.7	1.05	2.74	30.6	1.46	0.10
785555	< 5	48.1	2.60	0.11	7.64	4.43	1.07	< 0.1	10	12	203	1.38	4.4	< 10	0.6	0.6	0.9	0.2	0.11	1.54	1.5	0.59	0.03
785556	< 5	103	> 3.00	0.56	7.38	1.63	1.46	< 0.1	45	21	312	2.23	2.0	< 10	6.6	0.2	2.5	< 0.1	0.29	17.3	4.9	0.42	6.17
784431	< 5	94.7	> 3.00	0.51	8.22	1.66	1.93	< 0.1	37	16	322	1.94	1.7	< 10	5.1	0.5	1.4	0.1	0.30	1.82	5.1	0.54	14.8
784432	< 5	3.6	0.01	0.02	0.23	0.04	0.21	< 0.1	2	37	135	1.20	< 0.1	< 10	1.1	< 0.1	< 0.1	< 0.1	< 0.05	0.13	0.3	< 0.05	< 0.02
784433	< 5	34.7	0.34	0.42	3.69	1.63	1.39	< 0.1	48	32	322	2.14	< 0.1	< 10	5.9	0.5	0.5	0.2	0.13	5.02	6.1	0.71	1.00
784434	< 5	23.7	> 3.00	0.45	9.21	2.63	0.72	< 0.1	51	16	301	2.17	1.9	< 10	7.5	0.3	1.4	0.1	< 0.05	8.65	4.6	0.53	0.37

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784420	< 0.1	131	18.4	< 0.1	71.2	24.1	153	7	< 0.1	1.79	< 0.1	< 1	< 0.1	< 0.1	135	4.7	13.1	1.9	9.4	2.7	3.6	0.5	4.4
784421	2.3	94.6	22.8	< 0.1	87.3	21.2	154	115	27.5	52.1	< 0.1	2	< 0.1	0.2	116	8.6	22.5	3.0	12.5	3.5	3.3	0.5	3.0
784422	0.4	243	20.1	< 0.1	34.9	21.5	223	28	2.1	21.3	< 0.1	2	< 0.1	< 0.1	136	6.2	14.7	2.0	8.9	2.5	3.2	0.5	3.4
784423	1.1	54.5	32.7	< 0.1	38.6	110	54.9	120	77.8	142	< 0.1	3	< 0.1	0.1	39	11.4	34.8	4.7	19.9	7.4	8.0	1.3	10.9
785543	0.5	99.4	22.1	< 0.1	4.0	30.4	290	25	0.3	0.37	0.2	1	< 0.1	< 0.1	53	14.0	26.0	3.2	13.7	3.8	4.4	0.6	5.0
785545	< 0.1	18.7	3.2	< 0.1	3.7	2.3	41.1	6	0.4	156	< 0.1	< 1	< 0.1	< 0.1	20	0.6	1.3	0.2	0.8	0.2	0.3	< 0.1	0.4
785546	< 0.1	33.5	5.8	< 0.1	4.6	4.2	89.8	16	0.7	90.2	< 0.1	< 1	< 0.1	< 0.1	45	2.1	5.1	0.7	3.1	0.6	0.8	< 0.1	0.7
785547	2.4	138	14.4	< 0.1	48.2	13.6	199	15	1.9	142	< 0.1	3	< 0.1	0.1	204	4.6	11.1	1.5	6.7	1.5	2.1	0.3	2.4
784424	2.6	1110	17.5	< 0.1	33.6	16.7	239	22	3.2	2.57	0.4	5	< 0.1	0.2	138	4.6	11.7	1.6	7.4	2.0	2.4	0.4	2.8
784425	0.4	170	17.3	< 0.1	62.4	15.3	192	92	4.2	13.0	< 0.1	< 1	< 0.1	< 0.1	176	11.4	26.1	3.3	14.0	3.0	3.1	0.4	2.9
784426	0.8	75.4	13.3	< 0.1	27.5	9.2	129	58	3.1	16.0	< 0.1	< 1	< 0.1	0.1	216	5.2	11.8	1.5	6.4	1.6	1.6	0.2	1.7
784427	0.2	22.5	15.5	< 0.1	61.1	8.9	192	94	4.4	2.36	< 0.1	< 1	< 0.1	< 0.1	185	11.2	23.6	2.8	10.5	2.5	1.8	0.2	1.6
784428	3.3	143	21.5	< 0.1	23.1	26.1	182	32	3.5	1.96	< 0.1	1	< 0.1	0.4	128	3.9	10.0	1.5	7.5	2.5	3.2	0.5	4.0
784429	0.9	235	19.2	< 0.1	8.6	26.0	90.5	35	1.4	1.59	< 0.1	1	< 0.1	< 0.1	260	4.1	10.9	1.6	8.2	2.8	3.4	0.5	4.0
785548	< 0.1	63.6	22.4	< 0.1	61.2	5.2	417	57	< 0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	224	6.2	13.7	1.6	6.7	1.0	1.1	0.1	0.9
785549	0.2	22.6	20.1	< 0.1	38.5	1.8	370	86	2.1	4.19	< 0.1	< 1	< 0.1	< 0.1	458	3.3	10.9	1.1	4.4	1.0	0.7	< 0.1	0.4
785550	0.4	70.3	25.3	< 0.1	52.2	8.8	835	115	3.1	1.64	< 0.1	1	< 0.1	< 0.1	795	21.8	47.9	5.5	21.5	3.7	2.6	0.3	1.6
785551	0.2	219	22.6	< 0.1	67.3	17.7	726	111	2.4	12.6	< 0.1	< 1	< 0.1	0.5	223	37.1	106	13.1	55.4	10.7	6.4	0.6	3.5
785552	< 0.1	3.0	0.8	< 0.1	3.7	0.1	10.0	3	0.1	15.3	< 0.1	< 1	< 0.1	< 0.1	32	0.2	0.5	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1
785553	< 0.1	7.3	2.1	< 0.1	8.4	0.2	36.6	3	0.2	3.46	< 0.1	< 1	< 0.1	< 0.1	97	0.5	0.9	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1
784430	0.4	22.3	10.1	< 0.1	31.5	1.3	181	32	2.0	2360	< 0.1	< 1	< 0.1	0.1	290	3.3	8.2	0.9	3.4	0.6	0.4	< 0.1	0.3
785554	2.6	131	16.1	2990	22.0	22.9	254	73	3.5	3.85	< 0.1	1	5.7	< 0.1	160	18.8	30.9	4.7	20.2	4.8	5.0	0.6	3.9
785555	< 0.1	42.7	15.6	0.1	140	5.9	114	157	4.8	2.57	< 0.1	2	< 0.1	< 0.1	739	26.9	60.3	5.5	17.8	2.8	2.1	0.2	1.1
785556	0.6	56.0	22.3	< 0.1	142	2.7	267	75	5.2	3.46	< 0.1	2	< 0.1	< 0.1	454	8.1	21.6	2.1	7.7	1.4	0.9	< 0.1	0.6
784431	0.4	55.5	21.0	< 0.1	47.1	4.9	401	64	3.6	2.96	< 0.1	< 1	< 0.1	< 0.1	468	7.7	20.0	2.2	8.4	1.6	1.4	0.1	0.9
784432	< 0.1	2.7	1.8	< 0.1	1.2	< 0.1	42.3	< 1	< 0.1	3.85	< 0.1	< 1	< 0.1	< 0.1	11	0.3	0.6	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1
784433	< 0.1	50.3	13.7	< 0.1	75.3	5.3	68.6	2	1.4	2.79	< 0.1	< 1	< 0.1	< 0.1	863	14.7	32.5	3.9	15.6	2.8	2.0	0.2	1.0
784434	0.3	49.7	26.3	< 0.1	179	3.5	213	76	2.3	1.30	< 0.1	< 1	< 0.1	< 0.1	508	14.4	30.1	3.2	11.6	2.0	1.3	0.1	0.7

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784420	96.7	0.2	0.4	2.6	0.4	< 0.1	< 0.1	0.010	0.44	6.0	45	0.5	0.4	0.108	0.037	0.18
784421	744	< 0.1	0.3	2.5	0.4	4.1	0.3	0.008	0.59	43.8	8	10.7	22.1	0.0722	0.011	2.55
784422	145	0.5	0.3	2.1	0.3	< 0.1	0.2	0.002	0.20	7.4	40	0.5	0.4	0.460	0.034	0.57
784423	728	< 0.1	1.7	15.9	2.6	12.2	0.3	0.014	0.33	41.6	31	16.6	26.2	0.0581	0.003	2.23
785543	494	0.1	0.4	3.2	0.4	< 0.1	< 0.1	0.001	< 0.05	2.9	37	0.3	0.2	0.283	0.047	1.83
785545	16.3	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.3	0.041	< 0.05	0.8	9	0.1	< 0.1	0.0955	0.004	0.02
785546	31.9	< 0.1	< 0.1	0.4	< 0.1	< 0.1	0.3	0.024	< 0.05	1.6	11	0.5	0.1	0.145	0.012	0.03
785547	692	< 0.1	0.2	1.6	0.2	0.1	0.9	0.026	0.31	4.8	32	0.6	0.3	0.381	0.038	1.51
784424	432	0.1	0.3	1.9	0.3	0.2	1.1	< 0.001	0.22	3.6	26	0.7	0.1	0.520	0.040	0.63
784425	72.4	< 0.1	0.2	1.6	0.2	0.2	1.2	0.004	0.57	4.1	25	2.1	0.6	0.450	0.045	1.41
784426	106	< 0.1	0.1	0.9	0.1	0.2	1.6	0.004	0.23	4.3	14	1.6	0.4	0.321	0.038	1.54
784427	44.7	< 0.1	0.1	0.9	0.1	0.3	0.7	< 0.001	0.43	4.5	11	3.7	0.8	0.181	0.061	0.18
784428	296	0.8	0.4	2.6	0.4	0.2	1.0	< 0.001	0.16	2.9	33	0.4	< 0.1	0.614	0.040	0.41
784429	267	0.4	0.4	2.7	0.4	< 0.1	< 0.1	< 0.001	0.08	1.8	35	0.4	< 0.1	0.464	0.040	0.88
785548	31.0	0.2	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.001	0.44	11.9	9	1.2	0.3	0.154	0.072	0.05
785549	10.5	< 0.1	< 0.1	0.2	< 0.1	0.1	0.4	< 0.001	0.26	5.8	3	1.3	0.5	0.145	0.032	0.21
785550	23.0	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.26	11.7	7	4.8	1.4	0.269	0.064	0.11
785551	29.5	< 0.1	0.2	1.5	0.2	< 0.1	0.7	< 0.001	0.53	7.1	9	3.7	0.9	0.484	0.244	1.51
785552	3.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	< 0.05	< 0.5	< 1	0.1	< 0.1	0.0103	0.004	0.06
785553	1.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	1.0	< 1	0.3	< 0.1	0.0173	0.003	< 0.01
784430	22.4	< 0.1	< 0.1	0.1	< 0.1	0.2	0.2	0.084	0.18	10.7	3	2.0	0.8	0.103	0.019	0.17
785554	168	0.2	0.3	1.9	0.3	< 0.1	1.6	0.001	0.13	9.8	19	3.4	1.4	0.460	0.199	2.92
785555	1.9	0.1	< 0.1	0.5	< 0.1	0.2	< 0.1	< 0.001	0.70	15.5	2	9.8	0.6	0.120	0.019	< 0.01
785556	21.3	< 0.1	< 0.1	0.3	< 0.1	0.4	0.2	< 0.001	0.99	13.8	4	3.8	0.8	0.174	0.033	0.42
784431	18.6	< 0.1	< 0.1	0.4	< 0.1	0.2	< 0.1	< 0.001	0.24	12.5	4	2.3	0.7	0.169	0.028	0.34
784432	3.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0041	0.002	< 0.01
784433	21.5	< 0.1	< 0.1	0.4	< 0.1	< 0.1	0.2	< 0.001	0.47	14.3	6	2.0	0.5	0.151	0.069	0.02
784434	3.7	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.1	< 0.001	1.05	5.5	4	3.0	0.7	0.148	0.033	< 0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		37.7	1.56	1.07	8.55	3.17	0.99		33	42	845	4.46	0.8	< 10	32.4	3.6	2.9	1.0		3.93	15.5	1.57	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										173		9.30			> 5000						145		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.06		1.76			76		884	9.48			7.3	13.5		4.0			37.5	7.16	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			46.2		106		103
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas										> 5000					2040				0.95		65.8		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4 ACID) Meas		17.3	0.03	0.54	6.11	2.29	0.04		82	51	398	6.40	0.2		36.1		8.7		0.59	3.60	72.4		4.32
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		25.0	0.09	0.19	8.30	0.45	0.17		84	507	492	14.8	1.0		222	1.4	0.7	0.4		3.93	28.1	0.66	0.26
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			12.4		43.7		30.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		33.1	0.29	1.65	7.06	2.83	0.43	0.3	96	68	944	6.12	3.7		32.6	2.8	2.3	0.8	1.99	6.61	19.7	1.34	23.0
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.4	1.16	0.51	6.69	2.18	1.73	255	33	30	494	3.44	4.4		24.2		1.7		62.6	3.10	23.7		4.24
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		16.5	1.29	0.56	6.17	2.50	1.84	284	35	28	530	3.87	4.5		26.7		1.9		70.5	3.27	27.0		4.24
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		17.1	0.54	1.09	3.95	2.94	3.29		157	39	4000	24.2	2.8		64.7	2.0	0.7	0.6	1.42	0.64	> 500	2.01	10.1
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
Oreas 77b (4 Acid Digest) Meas		18.7	0.34	2.55	1.58	0.36	2.78	1.2	32	308	669	30.2	1.1		> 5000		0.4		1.81	2.31	> 500		3.78
Oreas 77b (4 Acid Digest) Cert		18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15		113000		0.470		1.62	2.32	1550		3.44
OREAS 228b (Fire Assay) Meas	8610																						
OREAS 228b (Fire Assay) Cert	8570																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas	517																						
Oreas E1336 (Fire Assay) Cert	510																						
784421 Orig	< 5																						
784421 Dup	< 5																						
784429 Orig		23.1	0.41	1.50	5.64	0.30	10.4	0.2	381	36	2850	15.8	1.2	< 10	30.3	2.6	1.8	0.8	0.23	0.42	35.6	0.99	8.21
784429 Dup		22.9	0.41	1.53	5.42	0.32	10.4	0.2	354	47	2800	15.9	1.1	< 10	31.6	2.8	1.7	0.8	0.23	0.40	36.0	0.96	8.06
785549 Orig	< 5																						
785549 Dup	< 5																						
785556 Orig		101	> 3.00	0.53	7.07	1.58	1.41	< 0.1	44	22	314	2.17	1.9	20	6.5	0.3	2.5	< 0.1	0.30	16.8	4.9	0.40	6.06
785556 Dup		105	> 3.00	0.58	7.69	1.68	1.50	< 0.1	45	20	309	2.29	2.0	< 10	6.7	0.2	2.6	< 0.1	0.29	17.7	4.9	0.45	6.27
784431 Orig	< 5																						
784431 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	3	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	9	6	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		112	20.7	< 0.1	134		176	29	< 0.1			< 1	< 0.1		634	40.0	89.4		39.3	8.3	6.9	0.9	6.2
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				2.7																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						121				19.1						722	1340	122	354	44.7	35.4	3.6	23.7
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	154	1400										194	9.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas		143		46.7						9.28													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	1.9	26.3	16.0	89.0	111	30.7	26.1	32		2.12	0.1	2	0.9		153	41.6	86.2					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		51.8	24.1	5.4	46.9	12.2	33.6	41	< 0.1	0.11	< 0.1	< 1	< 0.1		193	17.8	39.1	4.1	14.6	3.1	2.7	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	42.8	491										70	3.4										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	6.0	373	18.9	5.9	172	26.0	42.1	133	14.1	1.00	0.4	14	1.2		433	41.2	84.3	9.4	35.4	7.1	5.8	0.7	4.8
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	3.9	> 10000	24.0	59.3	75.8	11.2	62.5	162	8.0	12.5	1.1	5	14.5			18.8	46.8					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.8	> 10000	26.9	70.1	86.4	11.9	64.4	178	9.4	13.6	1.2	6	26.7			17.9	44.9					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	1.4	34.2	17.3	289	88.2	19.3	96.0	123	0.9	175	0.2	9	5.6	0.2		80.6	114	9.3	28.3	4.2	4.5	0.5	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
Oreas 77b (4 Acid Digest) Meas		245	4.8	1640	20.4	7.4	36.9	43	3.1		< 0.1	2	9.1	1.3	43	15.8	28.4						
Oreas 77b (4 Acid Digest) Cert		205	4.61	2050	19.1	6.55	34.4	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784421 Orig																							
784421 Dup																							
784429 Orig	1.2	235	19.4	< 0.1	8.7	26.1	91.3	35	2.1	2.09	< 0.1	1	< 0.1	< 0.1	263	4.1	11.0	1.7	8.3	2.6	3.4	0.5	4.1
784429 Dup	0.6	236	18.9	< 0.1	8.6	25.9	89.7	34	0.6	1.10	< 0.1	1	< 0.1	< 0.1	257	4.0	10.8	1.6	8.2	2.9	3.4	0.5	4.0
785549 Orig																							
785549 Dup																							
785556 Orig	0.6	54.1	22.0	< 0.1	132	2.6	257	74	5.1	3.47	< 0.1	2	< 0.1	< 0.1	449	6.8	19.9	1.8	6.8	1.4	0.9	< 0.1	0.5
785556 Dup	0.6	57.9	22.7	< 0.1	152	2.8	278	76	5.2	3.46	< 0.1	2	< 0.1	< 0.1	460	9.4	23.2	2.4	8.6	1.4	0.9	< 0.1	0.6
784431 Orig																							
784431 Dup																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	31.8		0.5	3.3		< 0.1	0.9		0.63	23.1	15	11.0	2.9	0.0786	0.056	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	330															1.74
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	392		1.8	12.5	1.6					21.9		32.4	369	0.360	0.117	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									306						16.1
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas											28			0.261		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas	2300															1.17
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 904 (4 ACID) Meas	6110	< 0.1		3.1	0.4	< 0.1	2.4		0.52	10.5	11	14.1	8.7		0.094	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas											20			0.472		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	397			1.5	0.2	< 0.1	< 0.1		0.25	21.1	54	14.1	2.8	0.0945	0.034	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									104						4.42
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 923 (4 Acid) Meas	4480		0.4	2.6	0.4	1.1	5.2		0.88	79.4	14	15.7	3.1	0.416	0.067	0.73
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3430			1.0	0.1		1.8		2.06	> 5000	6	4.6	2.7	0.177	0.037	4.46
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3870			1.0	0.1		2.0		2.10	> 5000	6	5.1	2.7	0.183	0.038	4.63
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	9800		0.3	2.0	0.3	< 0.1	16.8	0.093	0.29	7.6	11	1.9	43.7	0.198	0.086	2.37
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
Oreas 77b (4 Acid Digest) Meas	3650					0.3	3.3	0.019	1.46	57.3	3	6.1	1.8	0.0583		
Oreas 77b (4 Acid Digest) Cert	3430					0.280	3.07	0.0220	1.37	61.0	3.51	6.61	1.71	0.0640		
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
784421 Orig																
784421 Dup																
784429 Orig	268	0.5	0.4	2.7	0.4	< 0.1	0.2	0.002	0.09	1.9	36	0.4	< 0.1	0.535	0.043	0.90
784429 Dup	265	0.3	0.4	2.7	0.4	< 0.1	< 0.1	< 0.001	0.08	1.8	35	0.4	< 0.1	0.393	0.038	0.86
785549 Orig																
785549 Dup																
785556 Orig	22.0	< 0.1	< 0.1	0.3	< 0.1	0.4	0.2	< 0.001	0.99	13.7	4	3.4	0.7	0.171	0.033	0.41
785556 Dup	20.6	< 0.1	< 0.1	0.3	< 0.1	0.4	0.2	< 0.001	0.99	13.8	4	4.2	0.9	0.178	0.034	0.42
784431 Orig																
784431 Dup																
Method Blank																
Method Blank																
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09186**
Report Date: **18-Sep-20**
Date Submitted: **11-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

20 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-09 11:55:45

REPORT **A20-09186**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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Report No.: **A20-09186**
Report Date: **18-Sep-20**
Date Submitted: **11-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

20 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-24 12:56:54

REPORT **A20-09186**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784448	5	36.6	> 3.00	0.57	7.85	1.41	1.85	< 0.1	33	34	315	1.86	2.5	30	14.2	0.4	0.8	0.1	0.18	4.45	5.8	0.53	0.64
784449	8	53.9	> 3.00	0.56	7.96	1.19	2.24	< 0.1	44	25	335	2.32	2.1	40	13.2	0.3	0.8	0.1	0.16	3.41	4.8	0.55	0.71
784450	447	13.3	1.23	2.26	6.19	0.47	7.51	0.3	199	67	1270	10.1	0.7	30	74.0	3.0	0.5	1.0	0.85	0.42	143	1.08	2.41
784451	43	31.1	> 3.00	1.15	8.88	0.80	3.20	< 0.1	65	39	502	3.06	2.3	30	22.9	0.7	1.0	0.2	0.12	1.20	11.7	0.94	0.49
784452	55	13.0	1.77	2.40	6.53	0.57	7.22	0.2	209	83	1490	11.4	0.7	20	89.6	3.2	0.6	1.0	0.50	0.53	70.8	1.11	3.71
784453	57	15.2	1.98	2.38	6.65	0.64	6.81	0.2	239	73	1410	10.8	0.9	< 10	76.2	3.1	0.5	1.0	0.89	0.78	43.9	1.16	2.44
784454	25	14.5	1.80	2.50	6.86	0.59	7.95	0.2	217	72	1580	10.1	0.8	30	66.4	3.3	0.5	1.1	0.47	0.78	44.0	1.19	2.33
784455	34	14.1	2.05	2.46	7.59	0.55	7.82	0.2	253	75	1640	10.1	0.9	10	62.4	3.6	0.5	1.2	0.48	0.76	39.9	1.29	2.37
784456	27	16.5	2.06	2.36	7.31	0.66	7.26	0.1	226	81	1460	9.75	1.1	60	63.6	3.2	0.6	1.0	0.47	1.05	57.2	1.07	1.68
784457	35	16.3	1.74	2.29	6.83	0.53	7.67	0.1	185	85	1510	10.8	0.6	40	82.9	3.1	0.5	1.0	0.55	0.78	109	1.09	1.35
784458	22	16.3	1.89	2.57	7.06	0.53	8.44	0.1	227	80	1760	10.9	0.9	30	75.9	3.4	0.5	1.2	0.37	0.48	73.0	1.22	0.61
784459	23	13.0	1.25	2.21	7.71	0.48	9.57	0.2	248	73	1740	10.9	0.9	20	60.8	3.6	0.6	1.1	0.32	0.38	44.9	1.32	2.56
784460	205	48.3	2.74	1.04	8.75	1.70	3.40	< 0.1	67	38	486	3.43	2.1	20	15.1	0.7	1.1	0.3	0.23	2.67	11.8	1.03	0.41
784461	330	31.6	> 3.00	0.84	8.35	0.93	3.02	< 0.1	57	26	416	2.95	2.2	20	10.9	0.7	1.1	0.2	0.13	2.93	8.3	0.79	0.36
784462	274	30.3	> 3.00	1.11	8.87	0.88	3.42	< 0.1	66	42	528	3.61	2.7	10	18.3	0.6	1.2	0.2	0.15	2.11	12.3	0.94	0.47
784463	124	12.0	1.79	2.16	6.84	0.41	7.28	0.2	201	60	1360	8.91	1.3	40	71.2	2.3	0.5	0.8	0.54	0.57	54.6	0.95	2.31
784464	18	15.9	1.55	2.75	6.94	0.46	8.55	0.2	223	81	1550	10.3	0.7	60	73.9	3.2	0.6	1.1	0.36	0.40	61.0	1.26	1.66
784465	16	14.0	1.59	2.83	7.31	0.35	8.90	0.2	176	86	1620	9.29	0.5	40	68.2	3.1	0.6	1.0	0.17	0.32	41.1	1.15	0.78
784466	8	44.1	2.53	0.17	7.58	2.92	1.09	< 0.1	11	13	200	1.37	3.6	20	1.2	0.5	1.0	0.2	0.13	1.56	1.7	0.57	0.06
784467	5390	13.2	1.29	3.02	5.94	0.68	5.38	0.2	158	143	3750	11.2	1.8	10	108	2.0	0.9	0.8	0.85	2.54	34.5	1.28	0.19

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784448	0.8	33.3	18.7	0.5	48.5	3.8	490	99	2.0	5.48	< 0.1	< 1	< 0.1	0.1	510	6.6	16.9	2.0	8.9	1.7	1.3	0.1	0.7
784449	0.7	44.6	18.8	1.6	46.2	3.2	486	76	2.4	2.08	< 0.1	< 1	< 0.1	0.2	457	6.0	14.5	1.6	7.2	1.2	1.0	0.1	0.6
784450	3.0	106	17.3	0.8	18.6	27.3	239	15	0.2	0.38	< 0.1	< 1	< 0.1	< 0.1	81	4.6	13.0	1.9	10.8	3.0	4.1	0.7	4.7
784451	0.6	62.1	18.0	0.9	24.6	7.0	598	93	1.8	1.79	< 0.1	< 1	< 0.1	< 0.1	479	32.3	69.3	7.6	30.1	3.9	2.6	0.3	1.4
784452	2.4	111	17.5	0.8	14.8	28.3	215	13	0.4	0.98	< 0.1	< 1	< 0.1	< 0.1	94	4.7	13.6	2.0	11.2	3.6	4.2	0.7	4.9
784453	2.0	112	17.6	1.0	16.5	27.0	224	20	1.1	0.57	< 0.1	< 1	< 0.1	< 0.1	129	6.6	17.6	2.4	12.8	3.6	4.2	0.7	4.8
784454	1.6	120	18.3	0.8	16.6	30.7	192	15	0.9	1.06	< 0.1	< 1	< 0.1	< 0.1	74	5.2	14.7	2.1	12.1	3.5	4.6	0.8	5.3
784455	1.1	118	19.7	0.9	12.5	30.8	209	20	1.1	0.79	< 0.1	< 1	< 0.1	< 0.1	81	5.2	15.0	2.2	12.7	3.0	4.6	0.8	5.5
784456	1.0	106	17.6	0.8	20.0	29.2	261	24	0.5	0.56	< 0.1	< 1	< 0.1	< 0.1	138	6.5	18.2	2.6	13.5	3.3	4.4	0.8	5.0
784457	1.7	108	17.1	0.4	12.2	27.2	215	12	0.1	0.51	< 0.1	< 1	< 0.1	< 0.1	91	4.7	12.9	1.9	10.8	3.0	4.2	0.7	4.7
784458	1.3	137	18.4	1.1	10.4	31.4	212	19	0.7	0.38	0.1	< 1	< 0.1	< 0.1	115	5.2	15.0	2.1	12.3	3.3	4.4	0.8	5.5
784459	1.3	120	23.8	1.0	7.2	30.8	492	20	0.6	0.55	0.2	< 1	< 0.1	< 0.1	74	5.3	15.2	2.2	12.5	3.6	4.7	0.8	5.3
784460	0.8	51.4	18.1	1.0	62.9	7.8	442	83	5.3	1.39	< 0.1	< 1	< 0.1	0.3	810	31.6	69.1	7.5	30.2	3.9	2.8	0.3	1.5
784461	0.6	50.4	16.6	0.8	41.9	6.6	364	87	2.5	1.65	< 0.1	< 1	< 0.1	< 0.1	510	24.5	53.9	5.8	23.0	3.0	2.2	0.2	1.2
784462	0.6	60.3	18.0	0.6	33.8	6.8	475	112	4.8	1.77	< 0.1	< 1	< 0.1	< 0.1	388	30.4	67.6	7.5	29.4	3.9	2.4	0.2	1.3
784463	1.6	98.8	17.4	0.6	6.8	21.4	324	38	0.4	1.84	< 0.1	< 1	< 0.1	< 0.1	85	7.3	18.4	2.3	11.1	2.6	3.4	0.6	3.7
784464	0.8	121	19.6	0.4	7.2	30.4	272	16	0.1	0.33	< 0.1	< 1	< 0.1	< 0.1	72	5.6	15.2	2.2	12.3	3.4	4.6	0.8	5.3
784465	0.9	119	17.8	0.5	5.7	29.6	271	11	0.2	2.96	< 0.1	< 1	< 0.1	< 0.1	96	5.2	14.4	2.1	12.1	3.4	4.4	0.7	5.1
784466	0.5	44.1	16.4	0.6	93.8	5.9	111	143	6.1	1.31	< 0.1	2	< 0.1	< 0.1	742	29.1	58.6	5.6	20.2	2.8	2.0	0.2	1.1
784467	3.1	113	13.8	2600	21.5	21.2	242	75	2.9	3.34	< 0.1	1	6.5	0.1	72	17.4	29.0	4.3	20.0	4.1	4.6	0.6	3.7

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784448	53.7	0.1	< 0.1	0.3	< 0.1	0.2	0.4	0.004	0.30	4.9	4	2.3	0.7	0.161	0.036	0.51
784449	30.7	0.1	< 0.1	0.3	< 0.1	0.2	0.9	< 0.001	0.34	5.5	4	2.4	0.5	0.189	0.041	0.46
784450	421	0.2	0.4	3.1	0.5	< 0.1	0.1	0.010	0.14	13.1	37	0.4	0.1	0.342	0.038	2.87
784451	57.8	0.3	< 0.1	0.6	< 0.1	< 0.1	0.2	0.002	0.12	8.5	8	4.8	1.2	0.236	0.073	0.16
784452	451	0.2	0.4	3.2	0.5	< 0.1	0.2	0.007	0.14	4.1	38	0.4	0.1	0.381	0.040	2.45
784453	683	0.3	0.4	3.2	0.4	< 0.1	0.3	0.003	0.16	3.3	38	0.7	0.2	0.483	0.049	2.09
784454	354	0.3	0.5	3.5	0.5	< 0.1	0.1	0.005	0.15	2.9	42	0.4	0.1	0.468	0.045	1.23
784455	452	0.2	0.5	3.6	0.5	< 0.1	0.1	0.003	0.13	2.9	43	0.5	0.1	0.479	0.045	1.06
784456	380	0.2	0.5	3.4	0.5	< 0.1	< 0.1	0.003	0.15	3.4	39	1.6	0.4	0.326	0.039	1.19
784457	454	0.2	0.4	3.1	0.5	< 0.1	< 0.1	0.003	0.17	2.2	38	0.4	0.1	0.337	0.041	2.22
784458	261	0.3	0.5	3.6	0.5	< 0.1	< 0.1	0.002	0.11	1.9	41	0.4	0.1	0.444	0.043	0.94
784459	248	0.3	0.5	3.6	0.5	< 0.1	< 0.1	0.003	0.08	4.9	42	0.5	0.1	0.419	0.046	0.69
784460	125	0.2	0.1	0.7	0.1	0.2	0.7	0.002	0.34	3.8	7	5.0	1.3	0.255	0.090	0.34
784461	62.6	0.4	< 0.1	0.6	< 0.1	< 0.1	0.3	0.001	0.23	4.1	6	4.1	1.0	0.225	0.069	0.16
784462	63.3	0.4	< 0.1	0.6	< 0.1	0.1	0.2	0.001	0.19	6.0	7	5.2	1.3	0.250	0.075	0.10
784463	470	0.3	0.3	2.4	0.3	< 0.1	< 0.1	0.005	0.06	2.7	29	1.0	0.3	0.362	0.036	1.43
784464	317	0.2	0.5	3.4	0.5	< 0.1	< 0.1	0.004	0.09	2.3	41	0.4	0.2	0.330	0.040	0.82
784465	111	0.3	0.5	3.3	0.5	< 0.1	< 0.1	0.009	0.05	1.9	40	0.4	0.1	0.254	0.041	0.30
784466	3.4	0.2	< 0.1	0.5	< 0.1	0.2	< 0.1	0.001	0.72	16.3	2	11.4	0.9	0.121	0.018	< 0.01
784467	167	0.3	0.3	1.9	0.3	< 0.1	2.1	0.003	0.14	10.2	18	3.6	1.5	0.527	0.194	2.89

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		35.3	1.39	1.03	8.21	1.80	1.00		68	67	882	4.78	1.2	10	35.3	3.3	3.1	1.1		3.64	17.8	1.40	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		33.6	1.50	0.93	7.94	1.75	0.98		66	63	886	4.68	1.4	20	34.3	3.3	2.6	1.1		3.72	17.6	1.50	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										176		9.32			> 5000						146		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.26		2.35			71		911	10.8			8.6	12.9		4.5			46.1	6.99	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.19		2.39			70		923	10.4			8.7	13.2		4.6			46.0	7.10	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.20		2.15			65		883	9.96			8.6	14.1		4.8			44.0	6.95	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			45.9		128		98.7
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			43.5		123		88.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.9	1.36				8.32		162	165		7.25			279						57.1	0.52	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.7	1.34				8.38		160	145		7.15			287						58.8	0.57	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.7	1.36				8.02		149	147		6.64			270						55.4	0.57	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.6	1.45				7.84		146	129		7.29			269						59.4	0.58	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2170				1.02		78.7		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2060				0.90		77.8		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		16.9	0.04	0.58	6.63	2.40	0.05		72	60	414	6.93	0.6		41.5		8.1		0.49	3.43	88.2		4.43
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.5	0.04	0.59	7.23	2.49	0.05		80	72	438	7.39	5.2		44.1		7.6		0.61	3.47	94.8		4.46
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		173						0.4	235	118			3.0		87.1	3.2	3.4	1.1		7.60	22.1	1.73	0.66
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		168						0.4	235	121			3.0		85.8	3.0	3.4	1.1		7.63	22.3	1.77	0.65
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SBC-1 Meas		161						0.4	212	107			3.6		82.7	3.2	2.7	1.2		7.43	21.0	1.76	0.69
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		162						0.4	209	108			3.5		82.0	3.4	3.0	1.2		7.87	21.8	1.85	0.70
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		22.4	0.10	0.27	8.42	0.50	0.19		82	481	506	14.5	1.5		237	1.4	0.8	0.5		3.67	31.2	0.58	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.8		51.2		28.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.7		49.9		27.8
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			10.7		50.2		30.0
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			10.4		48.5		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		33.4	0.32	1.90	8.32	2.45	0.48	0.5	99	81	970	6.93	3.3		38.7	2.6	2.6	0.9	1.85	6.23	23.2	1.28	20.9
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas		33.2	0.32	1.80	7.56	2.49	0.48	0.4	93	75	1010	7.07	3.6		39.4	2.5	2.4	0.9	1.58	6.42	24.5	1.30	21.6
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		14.4	1.26	0.56	6.90	2.28	2.01	278	35	35	536	3.97	4.0		26.8		1.8		67.9	3.07	31.5		3.91
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		14.6	1.32	0.51	6.79	2.31	2.09	267	33	34	541	4.02	4.7		27.5		1.5		59.3	3.11	31.4		4.24
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.4	0.62	1.13	3.84	3.13	3.70		161	41	3700	23.2	3.1		72.4	2.0	0.8	0.7	1.31	0.63	487	1.90	9.47
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
784449 Orig	8																						
784449 Dup	8																						
784461 Orig		32.3	> 3.00	0.85	8.47	0.94	3.08	< 0.1	57	26	420	3.00	2.2	30	11.2	0.6	1.1	0.2	0.14	3.05	8.3	0.80	0.36
784461 Dup		30.9	> 3.00	0.82	8.23	0.92	2.96	< 0.1	58	26	412	2.91	2.2	20	10.6	0.7	1.1	0.2	0.12	2.82	8.2	0.77	0.35
784463 Orig	124	11.8	1.70	2.08	6.66	0.40	7.02	0.2	203	55	1350	8.70	1.2	20	69.3	2.1	0.5	0.7	0.53	0.54	52.6	0.92	2.24

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784463 Dup		12.2	1.87	2.23	7.01	0.43	7.53	0.2	200	65	1370	9.13	1.3	60	73.2	2.5	0.6	0.8	0.56	0.60	56.6	0.98	2.39
Method Blank	< 5																						
Method Blank	6																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	3	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	17	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	2	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	3	< 0.01	< 0.1	30	0.8	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	6	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	6	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	7	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		93.1	16.7	< 0.1	102		169	48	< 0.1			< 1	< 0.1		693	39.5	89.5		37.6	6.2	7.0	1.0	5.6
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		103	20.3	0.8	92.2		171	49	0.8			< 1	< 0.1		582	39.0	85.5		40.6	7.4	6.6	1.0	5.9
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				6.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						136				20.8						620	1090	117	359	29.6	40.2	4.2	23.9
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						118				18.4						680	1220	107	368	45.1	35.5	4.2	24.3
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						117				18.8						708	1260	112	351	45.9	35.6	4.4	25.0
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	159	1370										181	8.9										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	169	1170										198	12.5										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		65.8	13.1		3.4	15.3	146	38	1.6				0.8		122	3.5			4.6				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		64.6	13.1		3.7	16.0	147	40	1.1				0.5		121	3.6			4.7				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		63.8	13.4		3.6	15.9	153	40	1.4				0.8		104	3.5			5.1				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		68.1	13.6		3.9	16.6	154	41	1.4				0.8		109	3.9			5.4				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		141		68.9						11.2													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		132		57.4						9.79													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.9	26.1	16.0	90.3	87.6	31.3	27.5	45		1.71	0.2	3	0.9		208	41.5	81.6					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	3.1	24.9	15.9	102	85.2	32.0	26.6	197		2.28	0.2	3	1.4		205	42.0	85.5					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		186	21.4	32.0	153	29.1	174	122	16.3	2.66		3	1.0		609	47.8	108	13.2	44.2	7.4	7.8	1.0	6.0
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		184	21.7	31.4	155	29.5	180	122	16.4	2.69		3	1.0		620	49.0	110	13.5	45.0	7.5	7.6	1.0	6.1
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SBC-1 Meas		191	24.2	28.1	143	30.2	177	127	14.4	2.34		3	1.0		732	47.0	96.9	11.7	49.5	8.4	7.6	1.0	6.0
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		193	25.2	28.9	144	30.4	182	125	14.1	2.41		4	1.1		768	48.6	102	11.8	48.5	9.6	8.1	1.1	6.2
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		40.6	20.6	7.4	44.9	11.1	33.4	58	0.2	0.15	< 0.1	< 1	< 0.1		178	16.1	36.0	3.7	13.9	2.5	2.5	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	41.4	459										59	4.2										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	40.1	435										58	3.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	42.9	483										63	4.1										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	41.4	467										59	3.2										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	6.2	357	16.5	8.0	173	26.0	41.8	133	14.7	1.34	0.5	12	1.3		503	42.2	86.4	10.5	34.5	5.5	5.8	0.8	4.6
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas	6.5	382	19.0	7.4	144	25.4	44.7	135	14.0	0.99	0.5	13	1.3		423	40.8	81.5	9.4	37.2	6.2	5.7	0.8	4.8
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	5.3	> 10000	23.7	84.8	88.7	11.8	65.0	178	9.7	15.7	1.6	5	24.7			19.3	47.4					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.8	> 10000	23.2	72.8	78.7	12.2	74.4	185	9.1	14.7	1.7	6	59.7			22.0	49.6					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.5	28.9	14.9	411	83.2	17.5	69.4	122	3.9	204	0.2	9	4.9	0.6		49.5	73.3	7.2	27.0	3.9	3.7	0.6	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784449 Orig																							
784449 Dup																							
784461 Orig	0.6	53.6	16.6	0.8	42.7	6.7	371	88	2.3	1.59	< 0.1	< 1	< 0.1	< 0.1	530	25.3	55.6	6.0	23.7	2.9	2.2	0.2	1.3
784461 Dup	0.6	47.3	16.7	0.8	41.1	6.5	356	87	2.7	1.71	< 0.1	< 1	< 0.1	< 0.1	490	23.8	52.3	5.6	22.2	3.0	2.1	0.2	1.2
784463 Orig	1.7	95.3	16.9	0.7	6.6	21.1	311	39	0.5	2.52	< 0.1	< 1	< 0.1	< 0.1	82	7.0	17.9	2.2	10.8	2.5	3.2	0.5	3.6

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784463 Dup	1.4	102	17.9	0.5	7.0	21.8	336	37	0.2	1.15	< 0.1	< 1	< 0.1	< 0.1	88	7.7	18.9	2.4	11.4	2.8	3.6	0.6	3.7
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.28	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	0.2	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	0.4	0.2	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.40	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	< 0.2	0.2	0.6	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	< 0.2	0.2	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	32.1		0.5	3.0		< 0.1	< 0.1		0.64	24.9	15	12.9	2.7	0.305	0.053	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	33.0		0.5	3.3		< 0.1	< 0.1		0.61	25.1		11.6	2.7			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	312															1.61
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	484		2.0	12.0	1.7					22.2		40.2	336	0.329	0.106	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	423		2.0	13.2	1.7					22.4		36.5	340	0.317	0.109	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	399		2.0	13.2	1.7					21.7		33.8	337			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									310						15.6
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									296						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	106			1.8						7.1	29			0.268		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	111			1.8						7.2	32			0.254		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	104			1.8						7.1						
DNC-1a Cert	100			2.0						6.3						
DNC-1a Meas	105			2.0						7.3						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2320															1.17
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2250															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 904 (4 ACID) Meas	5980	0.4		3.1	0.5	< 0.1	0.5		0.55	11.1	11	15.7	9.3		0.094	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6170	0.2		3.3	0.5	0.8	2.9		0.54	11.2	12	15.1	9.0		0.103	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas	33.7		0.5	3.0	0.4	1.1	1.5		0.88	34.1	21	17.1	5.7	0.505		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	31.4		0.5	3.0	0.5	1.2	1.5		0.88	34.0	21	17.1	5.7	0.478		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SBC-1 Meas	32.8		0.5	3.4	0.5	1.1	1.7		0.91	35.3		15.6	5.6			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
SBC-1 Meas	31.9		0.5	3.4	0.5	1.1	1.6		0.89	34.4		15.1	5.4			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
OREAS 45d (4-Acid) Meas	377			1.5	0.2	< 0.1	< 0.1		0.25	22.6	53	14.5	2.8	0.157	0.035	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									101						4.24
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									98.4						4.33
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									98.5						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									94.0						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4380		0.4	2.4	0.4	0.8	4.8		0.91	85.8	13	19.4	3.4	0.407	0.063	0.71
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas	4450		0.4	2.6	0.4	0.9	5.2		0.90	83.5		16.7	3.3			
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0		16.5	3.06			
OREAS 621 (4 Acid) Meas	3640			1.0	0.1		2.0		2.04	> 5000	7	6.2	2.9	0.174	0.036	4.52
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3690			1.1	0.1		2.4		2.06	> 5000		6.6	2.8			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	8500		0.3	2.0	0.3	< 0.1	96.6	0.087	0.30	12.5	10	1.4	42.0	0.324	0.083	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
784449 Orig																
784449 Dup																
784461 Orig	64.2	0.4	< 0.1	0.6	< 0.1	< 0.1	0.3	0.002	0.23	4.2	6	4.1	1.0	0.225	0.070	0.16
784461 Dup	61.1	0.4	< 0.1	0.6	0.1	< 0.1	0.2	0.001	0.22	4.0	6	4.1	1.0	0.226	0.068	0.15
784463 Orig	452	0.3	0.3	2.4	0.3	< 0.1	< 0.1	0.005	0.06	2.7	29	1.0	0.3	0.404	0.037	1.43

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784463 Dup	487	0.2	0.4	2.5	0.4	< 0.1	< 0.1	0.005	0.06	2.8	29	1.0	0.3	0.320	0.036	1.43
Method Blank																
Method Blank																
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank	1.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.4	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09480**
Report Date: **05-Oct-20**
Date Submitted: **17-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

22 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-08-31 21:27:38
1A4 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2020-09-08 09:59:28

REPORT **A20-09480**

Notes:

A representative 500 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A20-09480**
Report Date: **05-Oct-20**
Date Submitted: **17-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

22 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-21 12:27:36

REPORT **A20-09480**

Notes:

A representative 500 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785557	15.5	1.56	1.26	4.87	0.49	3.44	0.7	208	75	1050	6.22	0.5	50	52.4	1.9	1.0	0.6	1.64	1.66	36.1	0.65	1.30	2.3
785558	13.0	1.10	0.96	3.57	0.23	2.98	0.6	171	82	850	9.38	0.4	60	100	1.5	0.5	0.5	3.96	0.90	50.6	0.54	2.10	6.1
785559	25.5	1.93	2.46	7.51	0.49	7.54	0.3	174	97	1740	9.78	0.6	60	70.2	3.0	0.6	1.0	0.57	1.44	45.1	1.03	0.70	0.9
785560	20.7	1.49	1.20	4.63	0.53	3.34	1.1	222	91	960	7.27	0.5	20	54.9	1.9	1.1	0.6	1.64	2.81	55.3	0.57	1.58	3.8
785561	5.4	0.16	0.16	0.55	0.04	0.47	4.2	25	43	163	5.57	< 0.1	40	77.7	0.2	0.2	< 0.1	1.37	0.23	34.1	0.07	3.35	5.9
785562	25.6	2.18	2.12	6.93	0.46	6.70	0.6	235	113	1690	8.75	0.8	50	61.7	3.3	0.7	1.1	0.88	2.10	38.5	1.09	1.25	1.1
785563	12.0	0.67	0.62	2.45	0.16	2.22	10.3	110	64	601	4.73	0.3	70	40.1	1.0	0.6	0.3	25.3	0.99	28.8	0.33	7.24	2.9
785564	3.9	0.07	0.05	0.23	0.02	0.20	3.0	12	43	93	1.85	< 0.1	70	18.1	< 0.1	0.2	< 0.1	2.22	0.13	18.1	< 0.05	2.38	1.8
785565	4.0	0.02	0.01	0.05	< 0.01	0.06	2.3	3	40	46	0.64	< 0.1	80	3.9	< 0.1	0.3	< 0.1	5.11	0.06	2.6	< 0.05	3.62	0.8
785566	5.5	0.09	0.29	0.85	0.05	1.15	0.5	41	43	353	5.45	0.2	60	53.0	0.3	0.5	0.1	0.68	0.19	21.7	0.11	2.47	4.3
785567	26.0	1.63	2.37	7.17	0.42	8.49	0.2	186	83	1800	9.57	0.6	60	65.5	3.1	0.8	1.1	0.27	0.88	43.0	1.09	0.80	0.5
785568	51.4	1.42	1.85	6.39	0.38	5.93	0.6	149	93	1540	8.12	0.4	70	61.4	2.6	1.0	0.8	0.98	1.19	35.2	0.85	1.43	1.7
785569	43.8	2.22	1.78	6.90	0.88	4.59	0.8	156	94	1570	8.61	0.4	50	71.2	2.9	1.1	0.9	1.25	2.34	52.3	0.91	1.50	2.9
785570	20.2	1.66	1.79	6.31	0.48	6.45	2.0	160	86	1480	9.52	0.5	90	73.9	2.9	0.9	0.9	1.48	1.62	32.9	1.08	2.06	1.9
785571	21.7	1.64	1.40	5.42	0.45	3.81	1.0	244	86	1120	8.36	0.6	70	73.4	2.1	1.0	0.7	1.39	2.26	25.8	0.69	1.70	3.0
785572	24.4	1.68	1.92	6.26	0.58	6.09	0.9	301	111	1460	8.75	0.9	50	65.2	2.7	0.9	0.9	0.89	2.41	38.7	0.98	1.33	2.0
785573	18.5	1.28	2.01	7.17	0.30	9.83	0.1	143	97	1600	8.66	0.5	60	67.2	3.2	0.7	1.1	0.29	0.80	37.1	1.11	2.03	0.9
785574	19.6	2.19	1.38	6.36	0.40	4.87	0.1	126	86	1010	7.74	0.3	60	76.5	2.7	0.8	0.9	0.78	1.01	53.7	0.81	0.61	1.9
785575	12.9	1.23	1.44	5.84	0.26	7.70	0.5	154	73	1450	8.10	0.5	50	58.8	2.7	0.8	0.9	0.92	0.34	50.4	1.06	1.88	2.2
785576	43.1	1.18	4.76	6.05	0.59	6.11	0.2	213	275	2370	6.57	0.5	50	49.1	1.3	0.7	0.4	0.46	2.57	21.6	0.53	1.35	1.5
785577	45.9	2.73	0.16	7.72	1.95	1.12	< 0.1	11	11	189	1.18	4.5	70	< 0.5	0.5	1.3	0.2	0.13	1.62	1.6	0.54	0.05	0.4
785578	19.4	1.78	4.17	6.33	0.47	5.60	0.1	192	229	1210	6.71	1.3	80	125	1.8	0.5	0.6	0.79	0.35	38.2	0.65	0.30	0.9

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785557	183	13.4	0.9	18.1	15.5	129	8	1.0	2.56	< 0.1	4	< 0.1	0.5	84	3.1	8.3	1.2	6.3	1.8	2.2	0.4	3.0	530
785558	157	9.9	0.9	5.7	14.3	94.9	8	1.9	4.77	< 0.1	2	< 0.1	3.6	122	2.7	7.0	1.1	5.2	1.8	2.0	0.3	2.6	405
785559	159	18.1	0.9	11.7	27.1	206	9	0.2	0.14	< 0.1	< 1	< 0.1	< 0.1	126	5.3	13.6	2.0	10.6	3.3	4.1	0.7	4.9	200
785560	261	13.4	0.7	22.8	16.4	130	7	2.2	25.3	< 0.1	5	< 0.1	1.8	68	3.0	8.4	1.3	6.2	2.1	2.4	0.4	3.2	953
785561	273	2.1	0.7	1.3	1.9	15.4	1	0.3	8.73	< 0.1	< 1	< 0.1	6.4	30	0.6	1.2	0.2	0.8	0.3	0.3	< 0.1	0.4	487
785562	189	18.3	0.9	12.1	28.6	210	12	0.3	0.22	0.1	< 1	< 0.1	< 0.1	198	5.5	14.4	2.1	11.0	3.6	4.1	0.7	5.2	365
785563	747	7.3	1.3	6.0	8.5	76.3	6	1.3	15.4	< 0.1	2	< 0.1	21.6	108	1.8	4.5	0.7	3.2	1.2	1.2	0.2	1.5	694
785564	144	1.2	1.0	0.8	0.7	7.1	1	0.2	6.89	< 0.1	< 1	< 0.1	5.1	25	0.2	0.4	< 0.1	0.3	0.1	0.1	< 0.1	0.1	270
785565	138	0.5	1.0	< 0.2	< 0.1	1.2	< 1	< 0.1	5.28	< 0.1	< 1	< 0.1	10.0	3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	54.8
785566	77.9	3.5	0.9	1.4	3.0	24.9	3	0.7	5.27	< 0.1	2	< 0.1	2.9	19	1.3	2.2	0.3	1.5	0.3	0.4	< 0.1	0.6	325
785567	130	18.2	0.9	15.8	27.6	232	10	0.3	0.27	< 0.1	< 1	< 0.1	< 0.1	92	5.1	13.4	2.0	10.3	3.5	4.1	0.7	5.2	117
785568	157	17.3	1.0	15.9	22.3	204	6	0.1	0.30	< 0.1	2	< 0.1	< 0.1	131	4.1	10.9	1.6	8.4	3.0	3.3	0.6	4.1	523
785569	199	19.6	0.8	40.3	24.5	199	5	0.3	0.24	< 0.1	3	< 0.1	< 0.1	59	7.2	16.3	2.2	10.2	2.9	3.6	0.6	4.8	728
785570	528	19.0	1.1	14.5	25.1	248	8	0.2	0.58	< 0.1	2	< 0.1	< 0.1	168	6.4	15.0	2.1	10.4	3.2	3.8	0.6	4.6	975
785571	267	14.6	1.0	16.0	19.2	153	11	2.0	3.06	< 0.1	3	< 0.1	0.6	126	4.3	10.0	1.4	7.2	2.6	2.9	0.5	3.6	796
785572	279	18.9	1.6	13.7	24.1	237	16	2.2	1.82	< 0.1	3	< 0.1	< 0.1	274	11.4	23.7	2.8	12.0	3.2	3.7	0.6	4.5	506
785573	113	20.1	1.0	7.3	28.2	219	8	0.1	1.38	< 0.1	< 1	< 0.1	< 0.1	89	5.2	13.6	2.1	10.8	3.6	4.2	0.7	5.2	125
785574	88.5	18.0	0.8	12.3	23.5	160	4	0.1	0.21	< 0.1	2	< 0.1	< 0.1	257	4.6	11.9	1.7	9.4	2.6	3.6	0.6	4.3	336
785575	98.2	17.8	1.0	4.8	23.2	226	8	0.1	0.38	0.1	2	< 0.1	< 0.1	79	4.7	12.1	1.8	9.1	2.9	3.5	0.6	4.2	423
785576	342	14.9	1.2	55.3	11.3	186	12	1.5	12.0	0.1	3	< 0.1	< 0.1	163	4.6	9.3	1.1	5.4	1.6	1.7	0.3	2.2	156
785577	37.6	17.0	0.9	70.3	5.9	115	134	5.1	0.81	< 0.1	2	< 0.1	< 0.1	757	33.0	63.9	6.0	20.7	3.5	2.2	0.2	1.3	3.5
785578	79.6	13.0	24.2	15.7	15.9	101	38	0.3	2.08	< 0.1	< 1	0.3	< 0.1	204	4.8	10.7	1.4	6.7	1.7	2.4	0.4	2.8	140

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03	0.03	0.03	0.03			
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
785557	0.4	0.3	1.9	0.3	< 0.1	4.2	0.004	0.07	4.1	27	0.4	0.1	0.497	0.025	2.15	15.8	336	18.5	17.8	24.1	16.33	852.48	868.81
785558	0.1	0.2	1.6	0.2	0.1	4.3	0.004	< 0.05	3.8	21	0.5	< 0.1	0.418	0.026	4.45	48.2	1420	31.7	25.1	57.9	17.73	821.37	839.10
785559	< 0.1	0.4	3.2	0.5	< 0.1	< 0.1	0.003	0.07	2.8	41	0.4	0.3	0.279	0.041	1.00								
785560	0.1	0.3	1.9	0.3	< 0.1	8.6	0.008	0.10	5.0	28	0.2	0.1	0.529	0.028	2.76	20.0	234	21.1	18.4	23.5	17.55	981.19	998.74
785561	< 0.1	< 0.1	0.2	< 0.1	< 0.1	1.3	0.004	< 0.05	3.5	3	< 0.1	0.2	0.0627	0.004	4.11	57.2	3350	34.4	32.6	72.9	12.10	1004.4	1016.5
785562	0.1	0.5	3.4	0.5	< 0.1	0.9	0.003	0.08	3.0	41	0.4	0.2	0.487	0.047	1.56								
785563	< 0.1	0.1	1.0	0.2	< 0.1	4.0	0.005	< 0.05	9.8	14	0.1	0.3	0.284	0.017	1.93	98.0	2060	74.5	69.1	102	15.23	981.93	997.16
785564	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.9	0.002	< 0.05	0.9	1	0.4	< 0.1	0.0253	0.002	1.09	69.8	1080	39.8	43.8	59.7	17.20	978.07	995.27
785565	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.002	< 0.05	2.5	< 1	< 0.1	0.3	0.0019	< 0.001	0.25	58.9	2290	42.9	39.0	75.3	15.22	981.62	996.84
785566	< 0.1	< 0.1	0.4	< 0.1	< 0.1	4.6	0.004	< 0.05	1.7	6	< 0.1	< 0.1	0.108	0.006	3.03	4.18							
785567	0.2	0.5	3.2	0.4	< 0.1	< 0.1	0.002	0.10	4.0	42	0.4	0.2	0.302	0.040	0.69								
785568	0.2	0.4	2.7	0.4	< 0.1	0.3	0.003	0.11	2.8	36	0.3	0.2	0.341	0.038	1.92								
785569	0.1	0.4	2.9	0.4	< 0.1	3.4	0.003	0.27	4.1	37	0.3	0.1	0.397	0.040	2.68								
785570	0.1	0.4	2.9	0.4	< 0.1	0.4	0.005	0.12	95.3	36	0.3	0.3	0.318	0.039	2.40								
785571	0.2	0.3	2.3	0.3	< 0.1	4.2	0.004	0.10	30.4	31	0.2	0.3	0.551	0.031	3.61								
785572	0.2	0.4	2.9	0.4	< 0.1	2.6	0.003	0.15	20.7	35	0.4	0.6	0.700	0.041	1.43								
785573	0.2	0.5	3.4	0.5	< 0.1	< 0.1	0.008	0.08	2.1	39	0.4	0.2	0.251	0.040	0.60								
785574	0.1	0.4	2.8	0.4	< 0.1	0.6	0.003	0.10	1.5	38	0.4	0.2	0.326	0.037	1.74								
785575	0.2	0.4	2.6	0.4	< 0.1	0.1	0.005	< 0.05	2.8	33	0.4	0.2	0.276	0.040	0.84								
785576	0.5	0.2	1.2	0.2	< 0.1	0.3	0.005	0.54	8.9	37	0.5	0.5	0.382	0.022	1.30								
785577	0.1	< 0.1	0.6	< 0.1	0.2	< 0.1	0.002	0.74	16.7	2	11.9	0.9	0.113	0.019	< 0.01								
785578	0.3	0.3	1.7	0.3	< 0.1	0.3	0.003	0.07	19.0	33	0.9	0.3	0.394	0.033	0.46								

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
785557	> 10000
785558	> 10000
785559	1080
785560	> 10000
785561	> 10000
785562	2830
785563	> 10000
785564	> 10000
785565	> 10000
785566	3920
785567	90
785568	1560
785569	286
785570	848
785571	1680
785572	225
785573	84
785574	254
785575	2870
785576	13
785577	< 5
785578	3580

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas	36.6	1.58	1.10	8.74	2.89	0.96		28	48	847	4.71	0.8	80	32.9	3.6	2.9	1.2		3.84	16.9	1.37		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
SDC-1 Meas	36.5	1.48	0.97	8.44	2.41	0.96		27	43	894	4.66	0.8	60	30.1	3.3	3.0	1.1		3.70	16.4	1.37		
SDC-1 Cert	34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70		
Oreas 72a (4 Acid Digest) Meas									186		9.34			> 5000						148			
Oreas 72a (4 Acid Digest) Cert									228		9.63			6930.000						157			
Oreas 72a (4 Acid Digest) Meas									178		9.46			> 5000						149			
Oreas 72a (4 Acid Digest) Cert									228		9.63			6930.000						157			
Oreas 72a (4 Acid Digest) Meas									168		8.99			> 5000						143			
Oreas 72a (4 Acid Digest) Cert									228		9.63			6930.000						157			
OREAS 101b (4 Acid) Meas			1.18		1.36			55		974	10.3			10.9	14.2		4.7			43.7	6.94		
OREAS 101b (4 Acid) Cert			1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1		
OREAS 101b (4 Acid) Meas			1.23		1.20			68		968	10.1			7.1	14.9		4.6			42.3	6.97		
OREAS 101b (4 Acid) Cert			1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1		
OREAS 98 (4 Acid) Meas																		49.5		116		96.3	176
OREAS 98 (4 Acid) Cert																		45.1		121		97.2	158
OREAS 98 (4 Acid) Meas																		43.0		108		83.5	168
OREAS 98 (4 Acid) Cert																		45.1		121		97.2	158
DNC-1a Meas	4.9	1.46				7.55		155	172		6.71			257						54.0	0.55		
DNC-1a Cert	5.2	1.40				8.21		148	270		6.97			247						57	0.59		
DNC-1a Meas	4.9	1.43				7.87		145	156		6.83			264						54.6	0.55		
DNC-1a Cert	5.2	1.40				8.21		148	270		6.97			247						57	0.59		
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	17.1	0.04	0.61	6.93	1.77	0.04		78	64	414	6.75	0.4		42.1		9.5		0.58	3.56	83.3		4.14	3.0
OREAS 904 (4 ACID) Cert	16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05	3.30
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas	166						0.3	246	111			3.3		87.0	3.7	3.4	1.3		8.25	22.8	1.86	0.70	
SBC-1 Cert	163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
SBC-1 Meas	177						0.4	218	105			3.4		76.6	3.4	3.8	1.2		7.88	21.2	1.84	0.67	
SBC-1 Cert	163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70	
OREAS 45d (4-Acid) Meas	21.9	0.10	0.24	7.98	0.47	0.19		74	445	500	14.8	1.4		230	1.4	0.8	0.4		3.52	28.9	0.56	0.32	
OREAS 45d (4-Acid) Cert	21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31	
OREAS 96 (4																							

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	14.8	1.40	0.50	6.76	2.71	1.94	267	33	31	533	3.91	4.5		25.7		1.8		69.5	3.10	29.2		4.13	4.3
OREAS 621 (4 Acid) Cert	14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93	5.64
OREAS 621 (4 Acid) Meas	15.0	1.36	0.54	6.91	2.91	2.05	278	34	29	562	3.82	4.5		25.5		1.9		64.6	3.15	27.9		3.94	5.1
OREAS 621 (4 Acid) Cert	14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93	5.64
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 229b (Fire Assay) Meas																							
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OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785558 Orig																							
785558 Dup																							
785565 Orig																							
785565 Dup																							
785570 Orig	19.9	1.66	1.75	6.18	0.48	6.41	2.0	155	85	1440	9.28	0.4	90	73.8	3.0	0.9	0.9	1.52	1.59	32.5	1.07	2.06	1.7
785570 Dup	20.4	1.66	1.83	6.45	0.48	6.49	2.0	164	88	1530	9.77	0.5	80	74.0	2.7	1.0	0.9	1.45	1.65	33.4	1.10	2.06	2.1
785572 Orig																							
785572 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	6	2	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	5	2	< 0.01	< 0.1	100	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	0.6
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	4	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	2	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	0.4
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas	98.4	22.2	0.4	118		181	28	< 0.1			< 1	< 0.1		660	34.8	80.5		37.2	7.8	6.5	1.1	5.9	28.9
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
SDC-1 Meas	103	22.1	1.6	70.1		173	24	< 0.1			< 1	< 0.1		627	38.9	82.0		38.1	8.0	6.2	0.9	5.9	29.7
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
Oreas 72a (4 Acid Digest) Meas			2.0																				299
Oreas 72a (4 Acid Digest) Cert			14.7																				316
Oreas 72a (4 Acid Digest) Meas			2.9																				306
Oreas 72a (4 Acid Digest) Cert			14.7																				316
Oreas 72a (4 Acid Digest) Meas			3.0																				304
Oreas 72a (4 Acid Digest) Cert			14.7																				316
OREAS 101b (4 Acid) Meas					116				15.9						710	1210	114	341	50.8	36.4	4.1	24.9	396
OREAS 101b (4 Acid) Cert					133				20.1						754	1325	127	388	48	40	5.4	27	412
OREAS 101b (4 Acid) Meas					120				18.2						728	1230	115	341	50.6	35.5	4.0	24.8	376
OREAS 101b (4 Acid) Cert					133				20.1						754	1325	127	388	48	40	5.4	27	412
OREAS 98 (4 Acid) Meas	1280										> 200	5.1											> 10000
OREAS 98 (4 Acid) Cert	1360										206	20.1											14800 0.0
OREAS 98 (4 Acid) Meas	1180										190	5.2											> 10000
OREAS 98 (4 Acid) Cert	1360										206	20.1											14800 0.0
DNC-1a Meas	62.7	13.1		3.5	16.0	151	38	1.4				0.9		109	3.4			4.8					94.0
DNC-1a Cert	70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20					100
DNC-1a Meas	69.2	13.1		3.9	15.5	151	33	1.5				0.8		105	3.8			4.9					101
DNC-1a Cert	70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20					100
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	28.9	16.4	90.5	75.8	32.0	29.4	33		2.20	0.2	3	0.5		203	45.8	85.7					0.9		5870
OREAS 904 (4 ACID) Cert	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00		6120
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas	195	28.7	28.4	157	32.8	203	129	15.2	2.28		4	1.1		549	50.7	107	12.3	49.8	11.0	7.8	1.3	6.2	31.7
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0
SBC-1 Meas	197	26.8	27.4	108	30.4	186	109	15.1	2.17		4	1.1		679	50.6	102	12.4	49.8	10.0	7.9	1.0	6.2	31.8
SBC-1 Cert	186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0
OREAS 45d (4-Acid) Meas	44.0	20.1	5.8	42.0	10.1	28.8	45	0.1	0.60	0.1	< 1	< 0.1		180	17.0	34.0	3.6	13.7	2.1	2.2	0.3	2.3	361
OREAS 45d (4-Acid) Cert	45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26	371
OREAS 96 (4																							

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	> 10000	24.6	67.4	91.2	13.0	76.8	182	9.0	14.2	1.7	5	35.7			22.0	49.2					0.6		3850
OREAS 621 (4 Acid) Cert	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460		3630
OREAS 621 (4 Acid) Meas	> 10000	25.2	64.8	78.8	12.5	72.7	157	9.4	13.4	1.8	5	28.8			21.5	48.4					0.4		3530
OREAS 621 (4 Acid) Cert	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460		3630
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785558 Orig																							
785558 Dup																							
785565 Orig																							
785565 Dup																							
785570 Orig	520	18.7	1.2	13.9	25.1	242	7	0.2	0.56	< 0.1	2	< 0.1	< 0.1	166	6.3	14.9	2.1	10.5	3.3	3.7	0.6	4.7	955
785570 Dup	536	19.4	0.9	15.0	25.1	254	8	0.2	0.61	< 0.1	2	< 0.1	< 0.1	171	6.5	15.0	2.1	10.2	3.2	3.8	0.6	4.6	996
785572 Orig																							
785572 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank	0.6	0.1	0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Method Blank	0.3	0.4	0.9	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Method Blank	0.6	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Method Blank	1.4	0.3	1.0	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Total Au	Total Weight	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03		5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT	FA-AA
SDC-1 Meas		0.5	3.2		< 0.1	< 0.1		0.66	23.6	15	11.5	2.5	0.0745	0.059					
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690					
SDC-1 Meas		0.5	3.1		< 0.1	< 0.1		0.62	24.0		11.4	2.6							
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10							
Oreas 72a (4 Acid Digest) Meas															1.65				
Oreas 72a (4 Acid Digest) Cert															1.74				
Oreas 72a (4 Acid Digest) Meas															1.66				
Oreas 72a (4 Acid Digest) Cert															1.74				
Oreas 72a (4 Acid Digest) Meas																			
Oreas 72a (4 Acid Digest) Cert																			
OREAS 101b (4 Acid) Meas		1.9	12.8	1.7					22.9		34.8	353	0.268	0.100					
OREAS 101b (4 Acid) Cert		2.08	13.9	1.96					23		36.4	387	0.35						
OREAS 101b (4 Acid) Meas		2.0	13.0	1.8					23.2		35.2	356	0.306	0.108					
OREAS 101b (4 Acid) Cert		2.08	13.9	1.96					23		36.4	387	0.35						
OREAS 98 (4 Acid) Meas									330						15.2				
OREAS 98 (4 Acid) Cert									345						15.5				
OREAS 98 (4 Acid) Meas									304										
OREAS 98 (4 Acid) Cert									345										
DNC-1a Meas			2.0						7.1	29			0.264						
DNC-1a Cert			2.0						6.3	31			0.29						
DNC-1a Meas			1.9						7.2	28			0.265						
DNC-1a Cert			2.0						6.3	31			0.29						
OREAS 13b (4-Acid) Meas															1.17				
OREAS 13b (4-Acid) Cert															1.2				
OREAS 904 (4 ACID) Meas	0.2		3.2	0.5	< 0.1	1.6		0.54	11.4	11	15.4	9.3		0.094	0.06				
OREAS 904 (4 ACID) Cert	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630				
OREAS 904 (4 ACID) Meas										12				0.108	0.07				
OREAS 904 (4 ACID) Cert										11.2				0.0980	0.0630				
SBC-1 Meas		0.5	3.4	0.5	1.1	1.7		0.97	34.6	21	16.6	5.7	0.501						
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51						
SBC-1 Meas		0.5	3.4	0.5	1.0	1.5		0.94	36.8	20	15.7	5.8	0.487						
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51						
OREAS 45d (4-Acid) Meas			1.5	0.2	< 0.1	< 0.1		0.29	22.2	51	15.3	2.8	0.204	0.036	0.05				
OREAS 45d			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049				

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Total Au	Total Weight	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03		5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT	FA-AA
(4-Acid) Cert																			
OREAS 96 (4 Acid) Meas															4.27				
OREAS 96 (4 Acid) Cert															4.19				
OREAS 96 (4 Acid) Meas															4.14				
OREAS 96 (4 Acid) Cert															4.19				
OREAS 621 (4 Acid) Meas			1.1	0.1		2.0		2.18	> 5000	6	7.1	2.9	0.180	0.037	4.61				
OREAS 621 (4 Acid) Cert			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48				
OREAS 621 (4 Acid) Meas			1.0	0.2		2.0		2.14	> 5000		6.2	2.9							
OREAS 621 (4 Acid) Cert			0.990	0.140		2.35		1.96	13600		7.48	2.83							
OREAS 522 (4 Acid) Meas										10			0.331	0.082	2.35				
OREAS 522 (4 Acid) Cert										10.9			0.344	0.0890	2.50				
OREAS 229b (Fire Assay) Meas																12.0	12.4		
OREAS 229b (Fire Assay) Cert																11.9	11.9		
OREAS 229b (Fire Assay) Meas																11.5			
OREAS 229b (Fire Assay) Cert																11.9			
OREAS 228b (Fire Assay) Meas																			8550
OREAS 228b (Fire Assay) Cert																			8570
OREAS 228b (Fire Assay) Meas																			8910
OREAS 228b (Fire Assay) Cert																			8570
OREAS 257b (Fire Assay) Meas																13.9	14.2		
OREAS 257b (Fire Assay) Cert																14.2	14.2		
Oreas E1336 (Fire Assay) Meas																			519
Oreas E1336 (Fire Assay) Cert																			510
785558 Orig																	57.9	839.10	> 10000
785558 Dup																			> 10000
785565 Orig																58.7	75.3	996.84	
785565 Dup																59.1			
785570 Orig	0.1	0.4	2.9	0.4	< 0.1	0.3	0.004	0.11	94.5	35	0.3	0.3	0.305	0.039	2.40				
785570 Dup	0.1	0.4	2.9	0.4	< 0.1	0.5	0.005	0.12	96.0	36	0.3	0.4	0.332	0.039	2.40				
785572 Orig																			227
785572 Dup																			223
Method Blank																			< 5
Method Blank																			7

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Total Au	Total Weight	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03		5
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT	FA-AA
Method Blank																< 0.03			
Method Blank																			< 5
Method Blank																< 0.03			
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01				
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.003	< 0.05	< 0.5		< 0.1	< 0.1							
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01				
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5		< 0.1	< 0.1							
Method Blank										< 1			< 0.0005	< 0.001	< 0.01				
Method Blank										< 1			< 0.0005	< 0.001	< 0.01				
Method Blank										< 1			< 0.0005	< 0.001	< 0.01				
Method Blank										< 1			< 0.0005	< 0.001	< 0.01				
Method Blank																	< 0.03		

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09852**
Report Date: **25-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

9 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-09-08 14:39:51

REPORT **A20-09852**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
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Report No.: **A20-09852**
Report Date: **25-Sep-20**
Date Submitted: **24-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

9 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-14 15:42:17

REPORT **A20-09852**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785579	< 5	72.9	2.84	0.90	9.47	2.66	1.69	0.1	82	50	374	3.25	2.6	20	50.5	0.9	1.3	0.3	0.13	3.29	18.9	1.08	0.25
785580	< 5	99.6	1.94	2.42	7.22	1.79	3.49	0.1	105	28	798	4.24	3.3	< 10	9.1	1.5	1.6	0.5	0.25	4.26	10.0	1.49	0.38
785581	< 5	48.4	0.24	10.9	3.14	0.03	7.05	< 0.1	109	538	1500	9.12	2.3	< 10	935	1.2	1.1	0.4	0.20	0.99	78.4	1.02	0.06
785582	< 5	52.2	> 3.00	2.78	9.06	1.55	3.63	0.1	165	20	1150	6.43	3.1	30	15.9	2.2	2.0	0.8	0.09	1.80	18.5	1.58	0.87
785583	< 5	31.1	> 3.00	0.83	7.02	2.85	1.71	< 0.1	50	37	353	2.54	2.4	50	29.3	1.1	1.1	0.3	< 0.05	1.79	6.5	0.63	0.14
785584	< 5	46.3	2.80	0.10	6.58	2.27	1.13	< 0.1	12	18	189	1.31	4.5	30	1.1	0.5	1.0	0.1	0.15	1.51	2.0	0.40	0.04
785585	5200	14.0	1.34	3.18	6.67	0.62	5.83	0.2	124	164	3730	11.9	1.5	40	107	2.3	0.9	0.8	0.96	2.67	33.9	1.32	0.18
784468	< 5	8.6	1.17	0.82	8.31	1.13	9.70	0.7	120	68	2210	10.7	0.6	30	27.0	3.7	1.0	1.2	0.40	3.66	44.8	1.26	3.86
784469	< 5	34.5	> 3.00	1.54	8.49	0.83	2.72	< 0.1	58	11	654	4.27	4.1	30	9.8	1.8	5.9	0.6	0.31	3.14	11.4	1.70	0.90

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785579	0.1	82.5	20.7	1.3	62.9	7.4	511	87	0.1	0.37	< 0.1	< 1	< 0.1	< 0.1	576	18.4	45.8	4.6	19.5	3.4	2.5	0.3	1.5
785580	< 0.1	74.1	15.8	1.4	81.5	13.0	> 1000	123	3.8	0.15	< 0.1	< 1	< 0.1	< 0.1	890	29.0	69.9	7.3	32.6	5.5	4.1	0.5	2.5
785581	< 0.1	112	9.0	0.3	2.5	10.1	46.5	85	7.6	0.29	< 0.1	< 1	< 0.1	< 0.1	9	16.0	38.8	4.1	18.1	4.1	3.2	0.4	2.3
785582	< 0.1	92.7	20.6	1.1	89.6	20.7	613	112	2.6	0.36	< 0.1	1	< 0.1	< 0.1	839	17.6	43.7	5.1	24.4	5.5	4.8	0.7	3.8
785583	< 0.1	38.2	20.9	0.4	125	11.0	664	86	0.1	0.46	< 0.1	< 1	< 0.1	< 0.1	730	5.0	13.0	1.3	5.2	1.4	1.3	0.2	1.3
785584	< 0.1	46.9	17.3	0.2	102	4.7	87.3	154	6.7	1.19	< 0.1	2	< 0.1	< 0.1	662	25.5	68.5	4.8	17.0	2.6	1.9	0.2	0.9
785585	3.1	125	15.4	3480	22.1	21.1	251	51	4.0	1.79	< 0.1	1	7.2	< 0.1	70	17.2	31.4	4.2	19.7	4.7	4.8	0.7	3.9
784468	1.6	453	21.9	1.7	86.8	29.9	409	13	0.2	0.28	0.2	2	< 0.1	< 0.1	140	7.9	20.4	2.5	12.9	3.6	4.5	0.9	5.1
784469	0.6	49.1	22.9	1.2	68.3	17.7	> 1000	175	6.6	0.39	< 0.1	1	< 0.1	< 0.1	756	18.9	48.4	5.1	25.2	5.3	4.8	0.7	3.3

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785579	67.3	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.59	10.8	14	4.4	1.2	0.187	0.055	0.17
785580	33.3	0.2	0.2	1.3	0.2	0.2	0.1	< 0.001	0.46	12.1	14	10.7	1.9	0.345	0.158	0.13
785581	145	0.5	0.2	0.9	0.1	0.5	0.3	< 0.001	< 0.05	3.0	14	4.2	0.9	0.507	0.048	< 0.01
785582	14.6	0.4	0.3	2.1	0.3	< 0.1	0.3	< 0.001	0.41	7.7	18	4.5	1.1	0.413	0.144	0.10
785583	2.9	0.5	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.66	12.8	10	3.2	1.9	0.178	0.058	< 0.01
785584	1.7	0.1	< 0.1	0.4	< 0.1	0.2	< 0.1	< 0.001	0.67	13.6	2	7.3	0.4	0.128	0.018	< 0.01
785585	165	0.2	0.3	1.9	0.3	< 0.1	1.8	0.002	0.13	9.9	18	3.4	1.4	0.458	0.210	2.94
784468	260	0.2	0.5	3.5	0.5	< 0.1	< 0.1	< 0.001	0.45	11.8	37	0.7	0.2	0.307	0.059	1.37
784469	119	0.1	0.3	1.6	0.2	0.2	< 0.1	< 0.001	0.29	19.0	9	9.1	1.8	0.332	0.229	0.45

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		34.7	1.45	0.93	7.70	1.56	0.96		46	53	734	4.75	1.1	30	32.2	3.1	3.0	1.0		3.36	17.4	1.22	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		34.3	1.44	0.99	7.36	1.31	0.95		49	54	859	4.79	1.2	40	34.5	3.3	2.8	1.1		3.71	18.0	1.41	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										166		9.45			> 5000						152		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										162		8.75			> 5000						135		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.16		2.34			44		900	10.0			8.7	13.4		4.4			41.4	6.15	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.17		2.29			71		889	10.6			8.8	15.0		5.1			44.2	7.46	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			41.6		115		93.0
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.9	1.43				7.32		152	145		6.65			291						55.3	0.51	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.6	1.43				7.62		135	137		6.94			264						56.8	0.47	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2230				0.87		74.9		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		18.3	0.04	0.61	7.91	3.63	0.05		73	52	427	7.02	1.6		42.6		9.4		0.56	3.59	90.3		4.07
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		173						0.4	215	100			3.6		88.8	3.3	3.1	1.1		7.78	21.0	1.57	0.74
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas																			11.4		44.6		26.7
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			10.9		49.1		28.5
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			10.6		49.2		28.2
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4																							

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		14.0	1.25	0.48	6.15	1.79	1.81	275	31	31	452	3.89	4.5		25.1		1.7		64.3	2.70	28.9		3.84
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		14.4	1.37	0.57	6.56	1.57	1.89	277	35	35	550	3.63	4.7		29.8		1.9		59.9	3.22	30.5		4.09
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		15.5	0.55	1.05	4.29	2.73	3.41		154	33	3750	23.5	2.9		62.9	2.0	0.8	0.7	1.24	0.57	> 500	1.79	8.96
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8340																						
OREAS 228b (Fire Assay) Cert	8570																						
785580 Orig	< 5																						
785580 Dup	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	2	3	< 0.01	< 0.1	30	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	3	< 0.01	< 0.1	10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	5	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	5	2	10	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	4	10	< 0.01	< 0.1	< 10	< 0.5	< 0.1	0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	5	9	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	6	10	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	6	9	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		103	20.2	0.2	79.3		171	39	< 0.1			< 1	< 0.1		677	33.9	78.5		37.0	6.9	6.2	0.9	5.7
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		95.9	19.8	1.2	87.4		164	40	0.8			< 1	< 0.1		578	35.0	80.8		38.6	6.6	6.8	0.9	5.6
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				5.8																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				7.2																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						128				6.89						690	1310	111	355	50.4	35.0	4.1	24.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						129				19.3						774	1420	119	397	47.0	38.8	5.0	25.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	168	1330										> 200	5.3										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		64.8	14.0		3.3	17.1	146	42	1.7				0.9		122	3.8			5.1				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		69.5	14.0		3.1	16.2	150	43	1.6				0.8		113	3.5			5.0				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		145		63.6						8.44													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.5	27.8	15.7	110	141	31.3	25.6	84		1.78	0.2	3	1.0		195	42.2	93.1					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		191	25.4	29.8	127	31.6	175	121	16.1	3.61		3	1.1		495	48.9	111	12.3	50.8	10.0	7.1	1.0	6.3
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas	40.9	442										63	3.3										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	45.2	470										61	3.2										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	42.8	469										62	3.5										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	4.9	> 10000	24.6	64.0	66.5	12.0	68.4	179	9.5	12.8	1.5	5	18.1			18.5	45.2					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.5	> 10000	27.1	64.9	75.8	12.9	86.7	187	9.1	14.2	1.6	6	83.5			23.1	51.2					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.2	32.7	14.6	493	80.0	16.8	72.0	106	4.8	203	0.2	8	2.9	0.4		49.9	85.5	7.1	25.6	3.7	3.8	0.6	3.1
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
785580 Orig																							
785580 Dup																							
Method Blank	< 0.1	0.3	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.35	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	0.4	0.2	0.8	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	< 0.1	0.9	0.4	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	0.4	0.9	< 0.1	0.3	< 0.2	< 0.1	< 0.2	2	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	0.6	0.3	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.38	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.7	0.3	< 0.1	< 0.2	< 0.1	< 0.2	1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	0.4	< 0.1	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.15	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	1.1	0.3	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	32.1		0.5	3.2		< 0.1	< 0.1		0.68	27.2	15	10.8	2.6	0.196	0.057	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	31.6		0.5	3.1		< 0.1	< 0.1		0.60	27.0		11.2	2.7			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	314															1.61
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	313															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	440		2.0	13.0	1.7					25.3		39.6	354	0.156	0.103	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	414		2.3	13.7	1.9					21.7		36.3	390	0.370	0.123	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									322						15.4
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	110			2.0						8.6	29			0.276		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	102			1.9						7.7	29			0.279		
DNC-1a Cert	100			2.0						6.3	31			0.29		
OREAS 13b (4-Acid) Meas	2300															1.18
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 904 (4 ACID) Meas	6330	0.3		3.2	0.5	0.3	0.9		0.55	10.7	11	15.2	8.9		0.099	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas	32.1		0.5	3.4	0.5	1.2	1.5		0.90	40.1	20	17.4	6.1	0.499		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											20			0.511		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas											52			0.349	0.039	0.05
OREAS 45d (4-Acid) Cert											49.30			0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									108						4.22
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									98.3						4.23
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									96.9						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4											12			0.408	0.065	0.70

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Acid) Meas																
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3330			1.1	0.2		2.3		2.21	> 5000	7	6.0	2.9	0.185	0.038	4.54
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3510			1.1	0.1		2.5		2.10	> 5000		7.6	2.9			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	8810		0.3	2.0	0.3	0.2	102	0.101	0.28	10.4	10	1.9	43.3	0.332	0.088	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
785580 Orig																
785580 Dup																
Method Blank	5.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	2.9	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0005	< 0.001	< 0.01
Method Blank	0.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	5.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	1.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10476**
Report Date: **05-Oct-20**
Date Submitted: **03-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

12 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-09-10 16:58:48
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-09-14 12:55:49
1A4 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-500g)	2020-09-11 18:54:16

REPORT **A20-10476**

Notes:

A representative 500 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A20-10476**
Report Date: **05-Oct-20**
Date Submitted: **03-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

12 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-24 12:36:17

REPORT **A20-10476**

Notes:

A representative 500 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784435	> 10000	8.7	1.00	0.70	2.89	0.21	1.58	0.1	128	36	381	5.28	0.4	< 10	55.5	1.2	0.5	0.4	2.26	0.37	51.7	0.30	1.47
784436	> 10000	7.0	0.73	0.47	1.98	0.15	1.19	0.3	89	28	297	4.53	0.3	10	45.7	0.8	0.5	0.3	1.65	0.24	45.0	0.22	0.98
784438	216	9.6	0.78	1.28	4.04	0.24	3.81	< 0.1	161	41	794	5.21	0.6	40	32.1	1.6	0.5	0.5	0.23	0.34	26.7	0.57	1.12
784439	138	13.3	1.85	2.72	6.83	0.56	6.03	< 0.1	257	91	1310	9.71	0.9	90	65.2	2.9	0.7	0.9	0.43	0.31	52.5	0.99	1.06
784440	222	9.9	1.22	2.15	6.06	0.39	5.80	0.1	264	78	1240	10.3	0.9	50	78.6	2.9	0.5	0.9	0.78	0.32	140	0.90	1.87
784441	295	38.9	1.91	3.02	7.08	1.06	5.46	0.6	271	80	1630	13.1	0.9	40	74.9	3.2	0.6	1.0	0.81	0.92	60.3	1.03	1.85
784442	313	12.1	1.40	2.34	7.28	0.46	7.43	0.2	239	65	1480	9.87	1.0	40	69.4	3.1	0.7	1.0	0.40	0.27	62.0	1.03	1.12
784443	1950	11.7	1.37	2.50	6.63	0.50	6.86	0.2	213	58	1530	9.95	0.7	30	44.4	2.8	0.6	0.9	0.50	0.23	33.1	1.04	0.99
784444	82	50.9	1.48	3.05	7.49	0.59	6.42	0.1	242	70	1260	9.56	0.7	40	56.9	3.1	0.7	1.0	0.50	0.77	44.8	1.04	1.15
784445	7	16.3	0.62	0.10	1.92	0.75	0.24	< 0.1	7	11	56	0.71	0.3	50	4.4	< 0.1	0.3	< 0.1	< 0.05	0.48	1.5	0.08	0.15
784446	3770	20.1	1.82	4.34	6.48	0.47	4.77	0.2	226	217	1120	6.67	1.5	40	145	1.7	0.5	0.5	0.77	0.29	41.9	0.61	0.29
784447	< 5	48.6	2.81	0.11	7.60	2.87	0.93	< 0.1	10	4	215	1.20	1.8	40	0.9	0.5	1.2	0.2	0.09	1.67	1.7	0.47	0.05

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784435	3.9	61.4	8.1	< 0.1	4.5	10.6	89.7	9	1.5	1.55	< 0.1	< 1	< 0.1	2.2	96	1.6	4.8	0.7	4.0	1.2	1.5	0.3	2.0
784436	3.6	74.1	6.1	< 0.1	3.0	7.8	64.6	6	1.1	0.90	< 0.1	< 1	< 0.1	1.6	66	1.1	3.4	0.5	2.9	0.8	1.1	0.2	1.4
784438	0.9	59.7	10.5	< 0.1	4.4	14.4	141	15	0.6	2.53	< 0.1	< 1	< 0.1	< 0.1	68	3.4	9.1	1.3	6.8	1.8	2.3	0.4	2.7
784439	0.7	102	19.0	< 0.1	4.8	24.4	329	23	0.2	0.54	< 0.1	< 1	< 0.1	< 0.1	94	7.0	18.7	2.6	13.2	3.1	4.3	0.6	4.7
784440	7.7	82.0	16.7	< 0.1	13.0	25.3	235	20	1.0	0.64	< 0.1	< 1	< 0.1	0.1	68	4.0	11.8	1.8	10.1	3.0	4.0	0.6	4.6
784441	0.7	197	21.3	< 0.1	33.9	28.6	328	19	0.2	0.40	< 0.1	< 1	< 0.1	< 0.1	182	4.0	12.4	1.9	10.8	3.4	4.2	0.7	5.2
784442	1.0	140	17.9	< 0.1	7.8	28.5	239	22	0.2	0.19	< 0.1	< 1	< 0.1	< 0.1	133	4.1	12.3	1.9	10.7	3.4	4.5	0.7	5.0
784443	0.9	140	18.7	< 0.1	6.4	25.2	252	17	0.2	2.19	< 0.1	< 1	< 0.1	< 0.1	136	3.8	11.4	1.7	9.6	3.0	3.9	0.6	4.7
784444	1.0	104	17.9	0.9	15.3	27.9	273	14	0.6	0.63	< 0.1	< 1	< 0.1	< 0.1	173	6.5	15.9	2.1	11.7	3.4	4.2	0.7	5.3
784445	0.5	6.7	4.2	0.2	11.7	0.7	101	10	0.3	0.35	< 0.1	< 1	< 0.1	0.2	273	2.4	5.2	0.5	2.2	0.3	0.2	< 0.1	0.1
784446	0.9	81.1	12.9	26.8	11.9	15.5	93.8	50	2.2	2.70	< 0.1	< 1	0.5	0.1	199	3.8	9.5	1.3	6.6	1.9	2.4	0.4	2.9
784447	0.5	36.2	14.2	< 0.1	89.6	6.0	103	80	4.8	0.17	< 0.1	2	< 0.1	< 0.1	683	25.1	54.2	5.3	19.4	3.1	2.1	0.2	1.2

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03	0.03	0.03	0.03		
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
784435	482	< 0.1	0.2	1.2	0.2	< 0.1	5.5	0.004	0.06	15.7	16	0.2	< 0.1	0.334	0.015	2.34	82.0	847	56.8	64.9	80.9	14.40	548.80
784436	406	< 0.1	0.1	0.9	0.1	< 0.1	7.6	0.003	< 0.05	12.2	11	0.1	< 0.1	0.235	0.010	2.07	83.5	561	57.1	59.7	71.9	12.86	465.94
784438	139	0.4	0.2	1.6	0.2	< 0.1	0.2	0.003	0.06	2.1	20	0.5	0.2	0.378	0.034	0.43							
784439	245	0.1	0.4	2.9	0.4	< 0.1	< 0.1	0.006	0.07	3.3	35	1.0	0.3	0.324	0.049	0.82							
784440	664	0.2	0.4	2.9	0.4	< 0.1	1.0	0.015	0.16	7.4	34	0.4	0.1	0.647	0.048	4.20							
784441	436	< 0.1	0.5	3.2	0.5	< 0.1	< 0.1	0.001	0.32	47.8	40	0.4	0.2	0.324	0.037	2.18							
784442	364	0.1	0.5	3.2	0.5	< 0.1	< 0.1	0.005	0.08	9.8	39	0.4	0.2	0.292	0.043	1.07							
784443	74.6	0.2	0.4	2.9	0.4	< 0.1	0.2	0.007	0.05	7.8	38	0.4	0.2	0.345	0.032	0.19							
784444	305	< 0.1	0.5	3.2	0.5	< 0.1	< 0.1	0.003	0.14	2.3	41	0.4	0.2	0.414	0.045	0.88							
784445	57.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	0.001	0.08	2.1	< 1	0.5	0.2	0.0294	0.006	0.07							
784446	134	0.2	0.3	1.8	0.3	< 0.1	3.3	0.003	0.09	20.1	34	1.1	0.3	0.461	0.037	0.46							
784447	6.2	0.1	< 0.1	0.6	< 0.1	0.2	0.1	0.002	0.83	17.7	3	11.2	1.2	0.115	0.014	< 0.01							

Analyte Symbol	Total Weight
Unit Symbol	g
Lower Limit	
Method Code	FA-MeT
784435	563.20
784436	478.80
784438	
784439	
784440	
784441	
784442	
784443	
784444	
784445	
784446	
784447	

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		38.4	1.63	1.04	8.93	2.57	0.84		30	47	895	4.83	0.9	70	36.9	3.4	2.5	1.1		3.44	18.2	1.39	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										173		9.16			> 5000						153		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.14		2.47			80		931	9.94			8.4	15.4		4.9			45.9	6.51	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.27		2.25			70		925	10.5			9.2	13.9		4.5			46.9	6.72	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			46.1		119		86.8
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.7	1.32				6.17		138	139		6.77			269						56.8	0.51	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2560				0.93		81.3		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		19.2	0.05	0.65	7.47	4.32	0.04		81	58	471	7.26	5.1		48.8		7.7		0.62	3.06	95.8		3.86
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		22.0	0.09	0.21	7.59	0.47	0.14		100	486	463	14.4	1.9		242	1.2	0.9	0.4		3.01	29.2	0.52	0.29
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		23.9	0.09	0.23	8.90	0.47	0.15		110	511	480	14.2	2.1		252	1.3	0.9	0.4		3.05	29.6	0.52	0.30
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			10.2		51.0		27.1
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.0	0.31	1.61	7.46	2.82	0.47	0.3	99	74	936	6.22	3.9		39.6	2.9	2.4	0.9	3.54	6.04	23.0	1.13	20.1
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.0	1.33	0.40	6.66	2.36	1.67	276	32	26	463	3.64	4.6		29.2		1.7		65.4	2.83	29.4		3.74
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		13.4	0.55	0.95	3.62	2.79	3.09		169	47	3600	20.9	3.4		66.4	2.2	0.6	0.7	1.31	0.56	437	1.64	9.11
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas	3070																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas	490																						
Oreas E1336 (Fire Assay) Cert	510																						
784435 Orig		8.7	1.03	0.70	2.97	0.20	1.55	0.2	128	35	377	5.27	0.4	< 10	55.3	1.2	0.5	0.4	1.36	0.37	51.0	0.30	1.45
784435 Dup		8.7	0.97	0.69	2.81	0.21	1.61	0.1	128	37	384	5.28	0.4	20	55.7	1.2	0.6	0.4	3.16	0.38	52.4	0.29	1.48
784436 Orig																							
784436 Dup																							
784444 Orig	92																						
784444 Dup	71																						
Method Blank	< 5																						
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	4	5	< 0.01	< 0.1	40	< 0.5	< 0.1	0.3	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	2	< 1	< 0.01	< 0.1	60	< 0.5	< 0.1	0.3	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	55	3	< 0.01	< 0.1	60	< 0.5	< 0.1	0.4	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	1	< 1	< 0.01	< 0.1	60	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	2	3	< 0.01	< 0.1	50	< 0.5	< 0.1	0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		97.4	20.4	< 0.1	94.3		177	34	< 0.1			< 1	< 0.1		690	36.0	85.8		43.1	8.7	7.1	1.0	6.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				5.2																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						123				21.3						775	1290	116	406	48.7	40.4	4.1	25.6
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						137				20.6						682	1300	122	390	49.9	37.3	4.2	27.1
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	165	1290										> 200	9.3										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		62.5	12.7		2.6	15.1	147	38	1.5				0.9		113	3.1			4.9				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		146		53.4						8.98													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	3.1	28.1	17.6	97.4	132	32.1	26.7	200		2.17	0.2	3	1.3		211	38.0	83.4					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		45.6	20.9	3.6	35.3	10.5	31.0	72	1.0	0.33	< 0.1	< 1	< 0.1		179	13.8	32.8	3.4	14.2	2.8	2.3	0.3	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.9	20.7	6.2	36.5	10.8	30.6	84	0.5	0.35	< 0.1	< 1	< 0.1		183	14.2	33.5	3.5	14.2	2.6	2.4	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	42.5	488										58	3.2										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	6.5	372	19.2	8.5	155	23.6	43.2	126	14.2	0.90	0.5	13	1.2		442	39.8	73.8	8.8	39.7	6.4	5.8	0.7	4.8
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	4.9	> 10000	8.4	62.4	74.8	12.1	92.8	187	9.9	14.2	1.4	6	109			22.5	50.0					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.3	31.8	13.7	419	80.1	17.0	69.6	117	5.6	193	0.2	10	3.9	0.6		46.4	51.3	5.4	24.3	4.3	4.1	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784435 Orig	3.9	61.2	8.0	0.4	4.5	10.5	90.6	9	1.5	1.72	< 0.1	< 1	< 0.1	2.1	104	1.6	4.8	0.7	3.9	1.3	1.5	0.3	2.1
784435 Dup	3.8	61.6	8.2	< 0.1	4.5	10.7	88.7	9	1.5	1.38	< 0.1	< 1	< 0.1	2.2	88	1.6	4.8	0.8	4.0	1.1	1.5	0.3	1.9
784436 Orig																							
784436 Dup																							
784444 Orig																							
784444 Dup																							
Method Blank																							
Method Blank																							
Method Blank	0.4	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	0.3	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.12	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Total Au	Total Weight
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03	
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT
SDC-1 Meas	31.2		0.5	3.4		< 0.1	< 0.1		0.66	26.9	15	12.7	2.9	0.0977	0.060				
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690				
Oreas 72a (4 Acid Digest) Meas	307															1.66			
Oreas 72a (4 Acid Digest) Cert	316															1.74			
OREAS 101b (4 Acid) Meas	411		2.1	14.4	1.8					25.3		33.2	324	0.347	0.122				
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35					
OREAS 101b (4 Acid) Meas	412		2.1	13.4	1.8					24.3		38.4	418						
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387						
OREAS 98 (4 Acid) Meas	> 10000									357						15.3			
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5			
DNC-1a Meas	93.4			1.9						6.5	25			0.268					
DNC-1a Cert	100			2.0						6.3	31			0.29					
OREAS 13b (4-Acid) Meas	2380															1.18			
OREAS 13b (4-Acid) Cert	2327.0 000															1.2			
OREAS 904 (4 ACID) Meas	6750	< 0.1		3.2	0.5	0.8	2.9		0.58	11.9	11	16.2	9.9		0.109	0.06			
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630			
SBC-1 Meas											13			0.468					
SBC-1 Cert											20.0			0.51					
OREAS 45d (4-Acid) Meas	363			1.4	0.2	< 0.1	0.2		0.25	21.9	45	13.9	2.9	0.198	0.033	0.04			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049			
OREAS 45d (4-Acid) Meas	358			1.4	0.2	< 0.1	< 0.1		0.25	22.3	48	15.3	2.9	0.260	0.039	0.05			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049			
OREAS 96 (4 Acid) Meas	> 10000									103						4.19			
OREAS 96 (4 Acid) Cert	39300									101						4.19			
OREAS 923 (4 Acid) Meas	4280		0.4	2.8	0.3	1.2	5.4		0.90	95.6	13	15.7	3.0	0.394	0.072	0.70			
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691			
OREAS 621 (4 Acid) Meas	3580			1.1	0.2		2.6		2.34	> 5000	6	8.6	3.1	0.181	0.039	4.63			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48			
OREAS 522 (4 Acid) Meas	7910		0.3	2.2	0.3	0.5	142	0.092	0.29	10.3	11	2.3	37.0	0.345	0.100	2.42			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50			
OREAS 229b (Fire Assay) Meas																	11.8	12.5	

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au	Total Au	Total Weight
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne	g/mt	g
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03	
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA	FA-MeT	FA-MeT
OREAS 229b (Fire Assay) Cert																	11.9	11.9	
OREAS 229b (Fire Assay) Meas																	11.5		
OREAS 229b (Fire Assay) Cert																	11.9		
OREAS 238 (Fire Assay) Meas																			
OREAS 238 (Fire Assay) Cert																			
OREAS 257b (Fire Assay) Meas																	13.5	14.6	
OREAS 257b (Fire Assay) Cert																	14.2	14.2	
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
784435 Orig	482	0.1	0.2	1.2	0.2	< 0.1	5.4	0.004	0.06	16.1	16	0.2	< 0.1	0.341	0.015	2.37		80.9	563.20
784435 Dup	483	< 0.1	0.2	1.2	0.2	< 0.1	5.5	0.003	0.05	15.3	16	0.2	< 0.1	0.327	0.015	2.31			
784436 Orig																	81.2	71.9	478.80
784436 Dup																	85.9		
784444 Orig																			
784444 Dup																			
Method Blank																			
Method Blank																	< 0.03		
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank	2.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.003	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0008	< 0.001	< 0.01			
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank																		< 0.03	
Method Blank																	< 0.03		

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-10972**
Report Date: **19-Oct-20**
Date Submitted: **14-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

13 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-09-29 14:18:49

REPORT **A20-10972**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-10972**
Report Date: **19-Oct-20**
Date Submitted: **14-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

13 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-10-01 14:41:24

REPORT **A20-10972**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784491	< 5	13.5	2.11	1.22	7.38	0.38	6.42	0.1	94	58	1090	3.88	1.6	60	18.9	1.3	1.9	0.4	0.20	1.06	10.5	0.98	1.01
784492	6	18.8	0.99	2.04	5.60	0.38	8.79	0.1	119	113	1760	8.26	0.2	40	52.4	2.3	0.3	0.7	0.31	0.93	38.8	0.74	0.82
784493	< 5	17.5	1.59	2.64	6.72	0.61	7.28	0.5	121	98	1500	8.67	0.3	50	76.5	2.6	1.0	0.8	0.16	1.16	41.8	1.25	0.50
784494	71	23.3	1.61	3.19	6.67	0.72	7.82	0.1	295	111	1560	9.84	0.7	30	83.7	2.9	0.6	0.9	0.35	1.19	41.9	0.82	0.27
784495	69	20.4	1.57	2.18	5.60	0.52	5.57	0.1	199	96	1120	6.66	0.9	40	43.9	1.7	0.6	0.6	0.30	1.48	25.3	0.74	0.50
784496	10	19.4	1.11	2.45	5.56	0.52	8.02	0.2	273	110	1810	9.46	0.8	50	60.7	2.7	0.4	0.9	0.26	0.80	39.0	0.77	1.62
784497	< 5	21.0	1.66	1.58	6.30	0.80	6.22	0.3	263	12	2230	11.2	0.9	70	11.2	5.3	0.9	1.6	0.14	1.49	34.6	1.56	0.49
785591	< 5	16.2	1.92	3.57	7.30	0.92	7.77	0.1	238	26	1760	7.86	0.8	50	41.9	2.3	0.6	0.7	0.07	0.82	41.5	0.67	0.51
785592	< 5	7.3	2.98	2.93	8.44	1.46	6.49	< 0.1	177	44	895	5.60	0.9	40	59.0	1.8	2.2	0.7	< 0.05	0.50	13.6	3.15	0.56
785593	< 5	10.4	> 3.00	2.07	5.82	0.34	2.30	< 0.1	73	111	821	4.98	0.8	40	66.2	0.8	2.2	0.3	< 0.05	0.41	29.6	0.83	0.23
785594	< 5	13.1	2.25	2.49	6.31	0.90	5.81	0.2	354	9	1780	11.3	1.2	30	12.2	4.0	0.8	1.2	0.30	1.10	43.5	1.26	0.75
785595	< 5	34.0	2.65	0.12	7.38	3.58	1.24	< 0.1	12	17	171	1.35	4.5	30	1.2	0.6	1.0	0.2	0.13	2.19	2.0	0.60	0.03
785596	6910	22.6	1.44	4.47	5.60	0.71	5.14	0.2	181	378	910	5.75	1.5	< 10	186	1.4	0.4	0.5	1.59	0.59	36.4	0.49	0.57

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784491	0.3	55.8	20.8	< 0.1	20.2	11.4	384	55	3.1	2.16	< 0.1	2	< 0.1	< 0.1	115	15.2	35.2	4.1	16.0	3.2	2.6	0.4	2.0
784492	0.5	94.5	15.0	< 0.1	8.7	18.7	222	5	< 0.1	0.25	< 0.1	< 1	< 0.1	< 0.1	65	3.7	9.8	1.5	7.5	2.1	2.9	0.5	3.5
784493	0.2	223	18.6	0.4	10.7	21.3	656	5	0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	72	12.1	30.1	4.2	18.4	4.3	4.1	0.7	4.1
784494	0.3	115	20.2	< 0.1	28.0	22.0	363	11	1.0	37.3	< 0.1	< 1	< 0.1	< 0.1	121	4.3	11.5	1.7	8.2	3.0	3.4	0.6	4.2
784495	0.5	90.8	16.0	< 0.1	25.0	14.9	236	23	1.9	3.18	< 0.1	< 1	< 0.1	0.2	102	6.7	16.3	2.2	9.6	2.4	2.5	0.5	2.8
784496	0.5	112	17.7	< 0.1	24.3	22.4	189	15	1.7	3.97	< 0.1	< 1	< 0.1	0.1	77	3.2	8.7	1.4	7.2	2.2	3.2	0.6	4.1
784497	0.5	339	23.1	0.2	22.2	41.8	151	16	0.5	0.23	0.2	< 1	< 0.1	< 0.1	179	8.9	23.3	3.4	17.1	5.4	6.3	1.2	7.5
785591	0.4	89.9	14.3	0.5	60.9	16.9	242	20	1.8	16.3	< 0.1	< 1	< 0.1	< 0.1	199	4.0	10.2	1.6	7.3	1.8	2.5	0.4	3.1
785592	0.2	81.1	19.9	< 0.1	36.3	17.1	574	43	1.4	2.46	< 0.1	< 1	< 0.1	< 0.1	535	42.1	104	14.6	66.8	13.0	8.3	1.0	4.3
785593	0.3	73.1	20.9	0.4	15.9	6.8	256	26	0.1	0.60	< 0.1	< 1	< 0.1	< 0.1	62	13.2	31.1	4.3	18.7	2.9	2.2	0.3	1.5
785594	0.4	132	18.7	< 0.1	42.2	29.9	209	33	0.6	0.48	0.1	< 1	< 0.1	< 0.1	125	9.2	23.9	3.5	16.2	3.2	4.7	0.8	5.5
785595	0.2	37.9	15.1	< 0.1	124	5.5	116	150	7.0	1.46	< 0.1	2	< 0.1	< 0.1	806	34.4	70.4	6.8	22.6	3.2	2.1	0.2	1.2
785596	0.9	83.3	12.5	58.7	28.9	11.9	92.9	51	2.4	5.71	< 0.1	< 1	0.8	0.4	243	5.7	11.6	1.4	6.2	1.3	1.7	0.3	2.2

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784491	21.1	0.2	0.2	1.3	0.2	< 0.1	0.5	< 0.001	0.11	4.2	12	3.6	1.1	0.280	0.067	0.06
784492	146	0.2	0.3	2.2	0.3	< 0.1	< 0.1	< 0.001	0.07	1.9	33	0.3	0.1	0.166	0.024	0.25
784493	53.5	0.2	0.4	2.3	0.3	< 0.1	< 0.1	< 0.001	0.07	3.7	33	1.0	0.3	0.139	0.063	0.16
784494	120	0.3	0.4	2.5	0.4	< 0.1	0.2	0.019	0.14	2.3	40	0.3	0.1	0.540	0.035	0.54
784495	60.1	0.4	0.3	1.6	0.2	< 0.1	0.4	< 0.001	0.13	4.5	25	1.2	0.4	0.400	0.041	0.38
784496	191	0.3	0.4	2.5	0.4	< 0.1	0.2	0.001	0.17	3.1	38	0.4	0.1	0.499	0.034	0.34
784497	40.3	0.2	0.7	4.7	0.7	< 0.1	< 0.1	0.002	0.19	4.9	42	0.7	1.1	0.431	0.056	0.11
785591	54.1	0.2	0.3	2.1	0.3	< 0.1	0.1	0.005	0.21	4.5	43	0.7	0.2	0.354	0.030	0.11
785592	10.0	0.2	0.2	1.4	0.2	< 0.1	0.7	< 0.001	0.15	6.1	14	8.3	1.8	0.347	0.262	0.03
785593	117	0.2	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.06	4.6	14	2.7	2.6	0.175	0.070	0.04
785594	138	0.1	0.6	3.6	0.5	< 0.1	< 0.1	< 0.001	0.21	9.5	38	0.9	0.3	0.400	0.057	0.65
785595	2.2	0.2	< 0.1	0.5	< 0.1	0.3	< 0.1	< 0.001	0.75	15.4	2	12.7	0.6	0.117	0.021	< 0.01
785596	133	< 0.1	0.2	1.4	0.2	0.1	12.0	0.002	0.21	32.7	24	1.6	0.4	0.305	0.031	0.75

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		37.1	1.66	1.09	9.54	2.41	1.05		36	49	851	4.75	0.8	60	37.5	3.5	3.2	1.3		4.10	18.0	1.58	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										195		8.98			> 5000						150		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										192		9.79			> 5000						158		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										192		10.1			> 5000						156		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.23		2.21			75		901	10.2			8.1	14.9		5.3			43.9	7.42	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.26		2.75			83		1020	10.7			9.3	15.5		5.5			47.3	7.80	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.28		1.59			82		934	11.4			9.8	15.9		5.1			47.7	7.33	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.15		1.88			76		907	10.7			8.1	13.9		5.1			45.1	6.92	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			48.3		137		106
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			52.4		124		92.8
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			49.5		141		99.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.7	1.42				8.20		162	173		6.88			274						57.1	0.61	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.1	1.38				9.16		153	162		6.78			277						55.4	0.57	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.9	1.53				7.73		159	181		7.02			291						56.1	0.60	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2170				0.96		81.4		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2330				0.96		84.2		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4		15.6	0.04	0.61	6.58	3.55	0.04		80	57	419	6.73	0.6		41.5		8.6		0.55	3.78	85.7		4.31

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
ACID) Meas																							
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		13.7	0.04	0.57	6.68	2.57	0.05		83	56	402	6.68	1.6		42.4		9.0		0.68	3.81	84.3		4.31
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		18.9	0.04	0.62	7.25	2.67	0.04		77	58	417	6.86	1.5		45.9		9.7		0.58	3.79	85.1		4.38
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		169						0.5	215	103			3.5		88.7	3.8	3.2	1.3		8.88	22.9	1.99	0.74
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		158						0.3	211	102			3.4		85.6	3.6	3.1	1.4		8.28	22.2	1.93	0.70
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		137						0.4	227	95			3.4		86.3	3.8	3.2	1.2		8.08	20.3	1.87	0.69
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		178						0.3	224	103			3.5		92.5	3.4	3.4	1.3		8.70	22.3	1.92	0.68
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		17.9	0.09	0.18	8.07	0.48	0.21		75	464	471	14.0	1.2		228	1.4	0.7	0.5		3.67	27.9	0.57	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		23.8	0.09	0.20	8.10	0.53	0.17		160	552	484	14.1	3.2		248	1.3	0.7	0.4		3.87	29.0	0.60	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas																			11.7		52.8		29.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.9		53.1		29.8
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			12.4		53.9		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.1		50.9		29.2
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		30.3	0.34	1.87	8.21	2.39	0.48	0.4	99	85	1010	6.85	3.7		38.5	3.0	2.5	1.1	1.90	7.02	23.9	1.39	22.4
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas		28.3	0.33	1.90	8.09	2.48	0.54	0.4	100	80	1040	7.03	3.6		38.6	3.1	2.5	1.0	1.78	6.81	23.5	1.31	22.5
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas		34.2	0.34	1.77	7.49	1.78	0.41	0.4	95	82	886	6.69	3.8		38.4	3.0	2.6	1.0	1.80	7.00	22.7	1.32	22.2

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.2	1.48	0.42	6.93	2.95	2.03	306	40	40	538	4.32	4.8		31.2		2.1		70.2	3.60	33.3		4.29
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		15.8	0.59	1.09	3.77	3.45	3.41		173	40	3930	26.9	2.9		76.5	2.0	0.6	0.7	1.35	0.72	> 500	1.90	9.17
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 238 (Fire Assay) Meas	3120																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 228b (Fire Assay) Meas	8910																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	520																						
Oreas E1336 (Fire Assay) Cert	510																						
784492 Orig	5																						
784492 Dup	7																						
784496 Orig	8																						
784496 Dup	11																						
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	7	< 0.01	< 0.1	40	1.9	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	2	5	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	2	5	< 0.01	< 0.1	120	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	7	< 0.01	< 0.1	100	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		116	21.1	0.7	99.6		183	28	0.4			< 1	< 0.1		727	40.5	95.2		42.4	7.9	6.9	1.2	6.6
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				4.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				4.7																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				4.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						126				18.8						688	1170	119	398	44.5	37.2	5.0	25.6
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						131				22.2						748	1230	117	422	50.9	38.4	5.0	25.4
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						124				19.9						781	1360	126	391	45.3	38.7	4.9	26.3
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						125				18.6						681	1290	115	374	50.8	38.1	4.7	24.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	201	1610										> 200	7.5										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	175	1340										> 200	10.1										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	204	1380										> 200	7.1										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		67.0	13.6		3.8	16.8	147	35	1.5				1.0		118	4.0			5.2				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		67.5	14.3		4.2	16.5	154	36	1.6				1.1		112	3.9			5.2				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		74.7	13.1		3.8	16.3	157	38	1.3				0.8		123	3.6			5.0				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		148		58.9						10.8													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		144		63.3						9.37													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4	3.1	24.2	15.8	90.7	140	33.3	28.8	45		2.09	0.2	2	1.2		224	47.8	91.1					1.0	

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
ACID) Meas																							
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.6	28.6	17.0	101	108	31.8	27.1	88		2.15	0.2	3	1.3		206	45.8	87.2					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.8	26.5	16.0	104	105	33.5	28.1	77		1.89	0.2	3	1.0		233	42.6	92.1					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		212	26.1	28.1	168	34.5	194	120	16.7	2.28		3	1.1		617	57.8	118	13.0	53.3	11.8	8.9	1.3	6.0
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		198	24.7	28.1	172	33.3	193	114	15.9	2.33		3	1.1		654	54.8	112	12.4	51.3	10.2	8.3	1.3	6.5
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		214	25.1	30.1	171	29.3	177	112	15.3	2.20		3	1.1		753	51.4	111	12.8	51.3	9.4	8.3	1.1	6.4
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		206	25.2	29.9	154	31.0	175	119	14.6	2.06		3	1.0		912	49.1	110	12.6	49.6	9.2	8.4	1.2	6.5
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		43.7	20.7	6.3	47.3	10.5	30.4	41	0.2	0.13	< 0.1	< 1	< 0.1		181	17.0	36.3	3.8	13.9	2.9	2.4	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.5	19.8	11.9	45.7	10.6	31.9	115	3.1	0.78	< 0.1	< 1	< 0.1		200	16.2	38.7	3.9	14.6	3.2	2.5	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas	47.5	489										65	3.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	47.7	487										65	4.6										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	42.9	458										67	4.3										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	45.4	460										62	4.3										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	7.7	386	19.7	6.8	177	29.8	47.1	133	16.0	1.37	0.6	14	1.5		416	49.1	91.4	9.9	38.7	7.1	5.9	1.0	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas	6.8	366	19.3	7.0	176	25.2	43.0	129	15.1	0.96	0.5	14	1.3		449	45.3	86.1	9.9	38.0	6.3	5.7	0.9	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas	6.3	360	17.5	7.2	130	26.2	40.1	124	13.7	1.11	0.6	13	1.4		433	40.2	88.8	9.7	34.3	6.4	5.7	0.8	5.0

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	5.3	> 10000	25.7	82.4	92.5	13.0	80.1	170	9.1	13.8	1.8	5	40.8			20.1	53.9					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.4	36.2	16.2	445	98.5	19.2	76.2	119	2.5	199	0.2	9	5.7	0.4		48.4	84.5	7.8	25.7	4.4	3.8	0.6	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784492 Orig																							
784492 Dup																							
784496 Orig																							
784496 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	0.5	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	0.3	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.5	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	0.3	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	31.5		0.6	3.5		< 0.1	< 0.1		0.63	25.8	15	13.8	2.8	0.0728	0.060	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	321															1.60
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	317															1.66
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	335															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	440		2.1	13.8	2.0					23.9		35.0	359	0.352	0.117	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	483		2.3	14.3	2.0					24.7		36.7	373	0.340	0.123	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	434		2.2	13.2	1.8					22.0		36.4	365			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 101b (4 Acid) Meas	407		2.1	13.4	1.8					23.0		39.2	357			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									362						15.3
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									302						15.5
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									349						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	104			2.0						8.5	28			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	99.5			1.9						7.7	28			0.263		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	98.0			2.0						7.1						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2280															1.14
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2290															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 904 (4	5730	0.3		3.3	0.5	0.4	1.6		0.56	11.6	12	14.6	9.7		0.108	0.06

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
ACID) Meas																
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6250	0.3		3.2	0.5	0.5	2.1		0.57	10.5	11	15.7	8.9		0.099	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6100	0.3		3.3	0.5	0.4	1.3		0.55	11.5		17.6	9.1			
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6		14.3	8.43			
SBC-1 Meas	33.3		0.5	3.5	0.5	1.1	1.5		1.00	38.0	20	15.6	6.2	0.488		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	37.8		0.5	3.5	0.5	1.1	1.7		0.93	36.4	20	14.9	5.7	0.481		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	29.5		0.5	3.2	0.5	1.0	1.6		0.92	33.3		15.4	5.4			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
SBC-1 Meas	34.3		0.5	3.6	0.5	1.1	1.7		0.90	35.9		17.3	5.4			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
OREAS 45d (4-Acid) Meas	376			1.4	0.2	< 0.1	< 0.1		0.26	19.8	47	14.3	2.6	0.285	0.036	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	384			1.4	0.2	0.1	0.3		0.25	21.8	49	16.2	2.7	0.124	0.036	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas											52			0.468	0.042	0.05
OREAS 45d (4-Acid) Cert											49.30			0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									103						4.24
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									106						4.26
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									94.0						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									105						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4360		0.4	2.8	0.4	1.2	4.7		0.94	93.0	13	16.6	3.3	0.402	0.069	0.71
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas	4490		0.4	2.5	0.4	1.1	5.0		0.90	79.3	12	16.7	3.0	0.401	0.068	0.72
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas	4270		0.4	2.8	0.4	1.2	5.5		0.89	94.9		19.8	3.3			

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0		16.5	3.06			
OREAS 621 (4 Acid) Meas	3920			1.2	0.2		2.5		2.17	> 5000	7	6.7	3.0	0.189	0.041	4.77
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	9470		0.3	2.0	0.3	< 0.1	57.9	0.100	0.28	9.2	10	1.2	42.5	0.262	0.086	2.29
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 238 (Fire Assay) Meas																
OREAS 238 (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
784492 Orig																
784492 Dup																
784496 Orig																
784496 Dup																
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0007	< 0.001	< 0.01
Method Blank											< 1			0.0007	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0010	< 0.001	< 0.01
Method Blank	0.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0014	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0008	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-11393**
Report Date: **16-Oct-20**
Date Submitted: **21-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-10-09 02:09:53
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-10-05 14:17:08
1A4-1000 (100mesh)-Tbay	QOP AA-Au (Au-Fire Assay-Metallic Screen-1000g)	2020-10-02 19:55:07

REPORT **A20-11393**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
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Report No.: **A20-11393**
Report Date: **16-Oct-20**
Date Submitted: **21-Sep-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-10-08 12:03:11

REPORT **A20-11393**

Notes:

A representative 1000 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785597	> 10000	12.1	0.80	0.60	2.56	0.29	1.69	6.8	44	33	514	3.86	0.6	10	17.0	0.3	0.6	0.1	0.91	1.29	16.7	0.38	2.41
785598	26	63.5	2.82	1.26	7.94	0.99	3.67	0.2	103	63	724	4.29	2.1	< 10	27.4	1.1	0.9	0.4	0.15	7.33	18.1	0.73	0.23
785599	394	70.4	1.95	4.15	7.25	0.88	6.57	0.3	286	56	1950	11.2	1.1	20	36.1	3.2	0.7	1.1	0.19	3.44	34.0	1.09	0.71
785600	> 10000	9.1	0.28	0.22	0.80	0.10	0.45	3.8	12	36	221	2.82	0.3	< 10	8.0	< 0.1	0.2	< 0.1	1.05	0.73	9.1	0.07	7.14
785601	< 5	41.6	2.76	0.13	7.91	3.84	1.15	< 0.1	10	14	274	2.19	4.5	< 10	1.4	0.4	1.1	0.2	0.13	1.49	2.0	0.54	0.04
785602	5460	13.8	1.42	3.45	6.35	0.69	5.76	0.2	156	123	3980	12.4	2.1	20	103	2.1	0.9	0.8	1.00	2.74	36.0	1.32	0.18

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785597	0.9	677	7.9	0.3	15.7	3.6	131	19	2.2	2.56	< 0.1	2	< 0.1	2.9	65	8.5	15.9	2.0	7.2	1.2	0.8	0.1	0.7
785598	< 0.1	75.8	19.1	0.2	52.2	9.3	638	72	1.9	0.80	< 0.1	< 1	< 0.1	< 0.1	393	11.8	22.4	3.0	11.4	2.3	1.9	0.3	2.1
785599	< 0.1	114	19.3	0.1	34.2	27.3	271	27	0.7	0.84	< 0.1	< 1	< 0.1	< 0.1	168	4.8	12.1	2.0	10.5	2.9	4.1	0.8	5.3
785600	1.6	289	2.7	0.4	5.8	0.7	48.1	10	0.3	3.44	< 0.1	< 1	< 0.1	4.3	26	1.5	2.3	0.3	1.0	0.2	0.2	< 0.1	0.2
785601	< 0.1	39.2	17.2	< 0.1	120	5.1	121	149	5.7	0.73	< 0.1	2	< 0.1	< 0.1	805	26.9	56.3	5.3	16.9	2.9	1.8	0.2	1.1
785602	2.4	117	15.3	3100	20.0	20.9	246	77	6.8	3.53	< 0.1	1	6.8	0.1	259	18.8	27.4	4.6	19.2	4.6	4.5	0.7	4.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/mt	g/mt	g/mt	g/mt	g	g	g
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03	0.03	0.03	0.03			
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
785597	294	< 0.1	< 0.1	0.4	< 0.1	0.2	0.5	< 0.001	0.15	23.6	4	1.4	3.6	0.0963	0.023	0.64	244	35.9	25.9	36.3	17.52	669.67	687.19
785598	32.5	0.6	0.2	1.1	0.2	0.1	0.4	< 0.001	0.36	16.6	15	2.3	1.3	0.156	0.037	0.05							
785599	50.0	0.3	0.5	3.4	0.5	< 0.1	< 0.1	< 0.001	0.21	13.9	38	0.6	0.5	0.527	0.037	0.07							
785600	205	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	0.12	95.3	< 1	1.1	0.2	0.0204	0.008	0.39	69.3	11.7	10.8	12.5	12.97	583.21	596.18
785601	2.8	0.2	< 0.1	0.5	< 0.1	0.3	< 0.1	< 0.001	0.69	16.3	2	11.4	0.6	0.102	0.020	< 0.01							
785602	148	0.3	0.3	2.1	0.3	0.1	2.3	0.002	0.14	10.5	18	3.7	1.5	0.501	0.211	2.91							

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
785597	38.0
785598	
785599	
785600	12.1
785601	
785602	

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (4 Acid) Meas				1.21		1.67			72		856	10.3			8.9	13.6		4.6			45.3	6.52	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.13		2.32			71		917	10.3			8.9	14.2		5.1			44.2	6.91	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			47.0		118		91.1
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			45.9		114		85.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.6	1.41				8.03		136	128		7.18			293						58.9	0.53	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2220				0.85		75.2		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4 ACID) Meas		17.0	0.04	0.62	6.73	3.11	0.06		81	54	416	7.39	0.4		47.1		9.2		0.63	3.55	92.5		4.24
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		15.8	0.04	0.56	6.08	3.70	0.04		71	51	384	6.44	3.9		42.7		8.0		0.60	3.48	80.2		4.02
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		169						0.5	205	92			3.5		90.5	3.4	3.3	1.2		7.90	22.1	1.79	0.70
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		162						0.5	204	87			3.5		87.6	3.3	3.1	1.2		7.66	22.7	1.72	0.72
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		21.4	0.10	0.20	8.07	0.46	0.19		118	553	509	15.2	2.3		219	1.4	0.7	0.5		3.80	30.1	0.59	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		20.7	0.10	0.23	7.62	0.42	0.17		88	435	463	13.7	2.0		247	1.4	0.7	0.5		3.57	29.4	0.56	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.7		48.8		27.8
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.4		49.7		27.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4		31.2	0.35	1.70	7.83	2.85	0.51	0.5	93	72	901	6.78	3.6		40.3	2.7	2.3	0.9	2.10	6.58	23.9	1.24	23.1

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.3	1.58	0.59	7.31	2.23	2.07	254	35	31	483	3.65	4.1		31.3		1.7		60.0	2.75	29.6		4.09
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.4	0.65	1.13	4.00	3.19	3.73		152	34	4000	24.1	2.8		76.7	2.0	0.7	0.6	1.30	0.57	> 500	1.69	9.30
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		14.4	0.59	1.02	3.53	2.82	3.45		142	32	3420	22.1	3.0		67.5	2.0	0.7	0.7	1.29	0.59	444	1.71	8.81
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas	3060																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas	517																						
Oreas E1336 (Fire Assay) Cert	510																						
785597 Orig																							
785597 Dup																							
785600 Orig																							
785601 Orig	< 5																						
785601 Dup	< 5																						
Method Blank	< 5																						
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	1	3	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	3	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	3	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	2	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	4	2	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	8	4	< 0.01	< 0.1	10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (4 Acid) Meas						118				20.3						687	1260	116	334	46.8	35.5	4.0	23.7
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						115				19.5						689	1270	116	338	53.6	36.5	4.3	25.9
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	157	1200										196	9.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	164	1220										195	12.9										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		69.5	13.8		3.8	15.9	163	41	1.4				0.9		98	3.8			5.0				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		130		53.9						9.10													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	3.3	32.1	18.2	106	122	31.5	29.0	37		2.31	0.2	2	0.8		170	43.9	87.4					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.8	24.5	15.1	97.4	139	29.1	26.6	160		2.07	0.2	3	1.3		189	43.9	85.5					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		217	24.5	29.0	150	30.9	191	133	14.6	2.22		3	1.1		740	49.9	105	13.1	49.1	8.7	8.3	1.1	6.1
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		200	23.6	26.7	128	28.6	174	125	14.6	2.33		4	1.1		724	45.4	95.6	11.9	44.7	9.2	7.5	1.0	5.9
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		43.6	21.5	7.9	40.0	10.6	31.2	80	1.5	0.42	0.1	< 1	< 0.1		192	16.7	33.1	3.7	13.9	2.9	2.6	0.4	2.7
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.2	21.5	9.3	43.6	11.0	33.1	77	0.6	0.21	< 0.1	< 1	< 0.1		176	17.5	38.2	4.1	15.1	2.6	2.6	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	42.3	465										67	4.6										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	41.4	466										65	4.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4	7.0	369	19.0	7.9	166	26.2	44.3	138	14.8	1.03	0.5	15	1.5		438	43.6	85.6	9.9	36.6	6.7	5.8	0.8	4.7

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	4.3	> 10000	29.5	69.1	77.6	11.8	87.4	172	9.0	14.0	1.6	5	81.6			23.4	48.0					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.6	32.5	15.7	390	82.7	18.0	77.5	123	2.5	193	0.2	9	5.5	0.3		52.6	78.1	7.6	23.9	4.1	3.8	0.5	3.0
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.4	27.8	14.5	365	76.8	16.6	75.2	111	2.8	182	0.2	9	6.4	0.5		56.3	82.5	8.0	25.8	4.2	4.1	0.5	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785597 Orig																							
785597 Dup																							
785600 Orig																							
785601 Orig																							
785601 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.2	0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.14	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	< 0.2	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	< 0.2	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	< 0.2	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	< 0.2	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	< 0.1	0.3	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Total Au	Total Weight	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/mt	g	g/tonne
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-MeT	FA-MeT	FA-GRA
SDC-1 Meas											15			0.147	0.060				
SDC-1 Cert											17.00			0.606	0.0690				
Oreas 72a (4 Acid Digest) Meas																1.70			
Oreas 72a (4 Acid Digest) Cert																1.74			
OREAS 101b (4 Acid) Meas	401		1.9	12.7	1.8					23.1		36.4	345	0.351	0.110				
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35					
OREAS 101b (4 Acid) Meas	362		2.0	13.4	1.8					22.6		32.7	327						
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387						
OREAS 98 (4 Acid) Meas	> 10000									309						15.2			
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5			
OREAS 98 (4 Acid) Meas	> 10000									295									
OREAS 98 (4 Acid) Cert	14800 0.0									345									
DNC-1a Meas	105			1.9						7.2									
DNC-1a Cert	100			2.0						6.3									
OREAS 13b (4-Acid) Meas	2020															1.19			
OREAS 13b (4-Acid) Cert	2327.0 000															1.2			
OREAS 904 (4 ACID) Meas	6190	0.1		3.1	0.5	< 0.1	2.4		0.56	11.6	11	15.1	9.3		0.100	0.06			
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630			
OREAS 904 (4 ACID) Meas	5100	0.4		3.1	0.4	0.3	1.6		0.53	10.6		14.3	8.9						
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6		14.3	8.43						
SBC-1 Meas	32.7		0.5	3.4	0.5	0.9	1.5		0.94	37.1		16.1	5.9						
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76						
SBC-1 Meas	30.7		0.5	3.4	0.5	1.0	1.7		0.92	35.8		13.4	5.2						
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76						
OREAS 45d (4-Acid) Meas	341			1.5	0.2	< 0.1	0.2		0.25	21.5	53	14.3	2.6	0.203	0.041	0.05			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049			
OREAS 45d (4-Acid) Meas	354			1.5	0.2	< 0.1	< 0.1		0.25	21.0	49	13.9	2.8	0.0886	0.036	0.04			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049			
OREAS 96 (4 Acid) Meas	> 10000									97.4									
OREAS 96 (4 Acid) Cert	39300									101									
OREAS 96 (4 Acid) Meas	> 10000									96.9									
OREAS 96 (4 Acid) Cert	39300									101									

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Total Au	Total Weight	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/mt	g	g/tonne
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03		0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-MeT	FA-MeT	FA-GRA
OREAS 923 (4 Acid) Meas	4230		0.4	2.6	0.4	1.1	4.9		0.89	88.1	12	16.4	3.1	0.392	0.068	0.71			
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691			
OREAS 621 (4 Acid) Meas	3170			1.0	0.1		2.2		2.08	> 5000	6	8.2	3.0	0.178	0.038	4.67			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48			
OREAS 522 (4 Acid) Meas	8250		0.2	1.9	0.3	< 0.1	52.6	0.083	0.30	9.3	10	1.5	41.7	0.270	0.088	2.38			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50			
OREAS 522 (4 Acid) Meas	7190		0.3	2.0	0.3	< 0.1	64.2	0.086	0.28	10.1		1.5	41.1						
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2						
OREAS 229b (Fire Assay) Meas																	11.9		12.3
OREAS 229b (Fire Assay) Cert																	11.9		11.9
OREAS 238 (Fire Assay) Meas																			
OREAS 238 (Fire Assay) Cert																			
OREAS 257b (Fire Assay) Meas																			14.8
OREAS 257b (Fire Assay) Cert																			14.2
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
785597 Orig																	36.3	687.19	39.2
785597 Dup																			36.8
785600 Orig																	12.5	596.18	
785601 Orig																			
785601 Dup																			
Method Blank																			
Method Blank																			< 0.03
Method Blank																			< 0.03
Method Blank																	< 0.03		
Method Blank	2.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1						
Method Blank	4.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1						
Method Blank	1.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5		< 0.1	< 0.1						
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			
Method Blank											< 1			< 0.0005	< 0.001	< 0.01			
Method Blank	2.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01			

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-12267**
Report Date: **16-Nov-20**
Date Submitted: **06-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

26 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-10-30 12:44:18

REPORT **A20-12267**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-12267**
Report Date: **16-Nov-20**
Date Submitted: **06-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

26 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-10-19 21:13:50

REPORT **A20-12267**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784470	14	26.9	1.43	3.09	7.16	0.52	9.12	0.2	191	90	1970	10.1	0.5	40	55.4	3.6	0.7	1.1	0.15	0.80	40.8	1.14	0.92
784471	< 5	16.5	> 3.00	1.73	7.88	0.70	4.46	< 0.1	119	19	658	4.13	1.9	40	26.4	1.3	0.9	0.4	0.13	0.90	7.2	1.19	0.51
784472	< 5	22.7	2.20	0.77	5.17	0.52	2.11	0.1	43	18	441	2.14	1.1	30	14.6	0.4	0.9	0.1	0.07	1.31	3.6	0.36	0.65
784473	< 5	58.6	> 3.00	1.29	7.77	0.96	3.96	< 0.1	91	13	491	4.49	2.3	30	15.9	1.0	1.1	0.4	0.32	5.43	13.8	1.02	1.78
784474	< 5	91.9	2.93	3.11	8.44	1.08	6.14	< 0.1	141	96	884	5.32	2.1	< 10	104	1.6	1.2	0.5	0.14	8.91	20.6	2.13	1.11
784475	< 5	8.5	0.07	0.06	0.22	0.04	0.09	< 0.1	4	5	57	0.73	< 0.1	80	2.8	< 0.1	< 0.1	< 0.1	0.06	0.23	1.9	< 0.05	0.19
784476	< 5	62.5	> 3.00	0.73	8.67	1.16	2.28	< 0.1	51	15	252	2.49	1.9	60	8.8	0.5	1.3	0.2	0.22	8.80	6.9	0.59	0.62
784477	69	19.2	0.37	1.68	3.69	0.13	7.94	< 0.1	198	61	1450	6.87	0.6	80	34.9	1.2	0.3	0.4	0.20	0.53	23.7	0.45	2.01
784478	< 5	40.8	1.79	2.74	7.29	0.46	10.1	0.3	221	140	2150	9.51	0.9	70	97.1	3.0	1.2	1.0	0.47	1.21	51.8	1.03	1.91
784479	1440	42.4	2.79	1.68	7.57	1.18	5.46	4.6	124	6	929	5.84	1.4	50	7.7	1.7	0.7	0.6	12.6	2.44	23.0	2.04	1.49
784480	20	32.1	2.17	1.60	6.81	0.56	5.94	0.6	161	83	1320	6.11	1.1	30	49.5	1.9	1.7	0.6	0.56	2.19	30.4	0.67	1.14
784481	22	21.9	2.18	0.52	5.71	0.79	2.10	0.1	40	13	319	1.73	1.8	30	47.1	0.5	1.0	0.1	0.18	3.68	4.7	0.26	0.13
784482	1400	42.6	1.32	2.43	5.78	0.29	8.15	0.2	181	104	1630	9.17	0.5	20	40.4	2.1	0.4	0.7	0.30	0.90	30.2	0.72	0.47
784483	17	45.4	1.09	2.70	7.21	0.30	10.0	0.2	173	123	1930	8.95	0.6	30	89.2	2.3	0.5	0.8	0.80	3.39	46.4	0.86	1.01
784484	9	32.8	0.67	2.36	5.93	0.17	11.1	0.2	198	103	2120	7.81	0.7	70	78.6	2.1	0.3	0.7	0.29	2.09	44.1	0.77	2.08
784485	11	59.3	1.15	3.49	6.38	0.38	11.0	0.3	263	137	2540	10.8	0.8	50	102	2.5	0.4	0.8	0.46	2.93	61.3	0.81	0.72
784486	26	44.4	0.75	2.65	5.53	0.31	10.5	0.3	215	108	2660	11.6	0.7	60	127	2.0	0.6	0.6	0.88	1.95	79.6	0.74	1.81
784487	< 5	31.7	1.38	3.20	7.83	0.32	10.0	0.2	155	147	1360	7.51	0.5	30	64.9	1.9	0.7	0.6	0.15	0.87	38.8	0.81	0.54
784488	6	56.3	0.61	1.34	9.12	1.74	5.89	< 0.1	99	38	671	3.57	1.3	40	31.1	1.4	1.0	0.5	0.17	8.13	16.1	0.78	0.23
784489	3780	18.6	1.69	4.10	6.01	0.41	5.96	0.2	189	263	1120	6.77	1.2	30	136	1.8	0.5	0.6	0.88	0.34	40.3	0.63	0.30
784490	9	39.0	2.47	0.20	7.28	2.58	1.21	< 0.1	14	11	191	1.36	4.2	< 10	2.8	0.6	0.9	0.2	0.10	1.33	2.3	0.58	0.04
785586	< 5	131	> 3.00	0.54	6.42	0.72	1.37	< 0.1	27	20	659	1.99	1.5	60	10.0	0.6	5.1	0.2	0.17	22.6	5.1	0.27	0.41
785587	8	96.0	2.16	4.38	7.96	1.46	6.42	< 0.1	189	124	1240	7.57	1.6	80	80.1	1.5	0.9	0.5	0.33	3.37	25.3	1.69	2.66
785588	6	73.4	2.12	4.34	7.55	1.58	7.10	< 0.1	175	154	1410	7.21	1.5	70	99.3	1.6	1.1	0.6	0.34	2.17	39.2	2.22	2.87
785589	8	103	2.14	4.28	7.94	1.49	6.79	< 0.1	174	90	1410	7.44	1.6	20	99.1	1.7	1.0	0.6	0.36	2.26	40.6	2.76	2.79
785590	6	66.4	2.09	1.12	5.46	0.97	2.01	0.2	43	52	393	2.39	0.3	50	36.7	0.6	1.7	0.2	0.07	18.8	7.2	0.63	0.42

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
784470	0.2	112	19.1	0.8	11.9	30.5	401	10	0.5	0.49	< 0.1	< 1	< 0.1	< 0.1	140	6.6	17.5	2.4	11.7	3.5	4.8	0.7	5.3
784471	0.3	52.9	17.7	1.2	14.2	11.7	762	75	4.0	0.70	< 0.1	< 1	0.2	< 0.1	259	9.5	26.5	3.7	17.7	3.6	3.4	0.4	2.1
784472	0.7	26.6	13.3	3.2	15.9	3.3	303	45	2.0	0.54	< 0.1	< 1	0.3	0.1	173	2.5	7.9	1.0	4.1	0.9	0.8	< 0.1	0.6
784473	1.1	44.3	20.5	1.3	41.4	10.5	899	88	3.6	5.44	< 0.1	1	0.3	0.2	282	12.3	32.7	4.1	17.5	2.7	2.8	0.3	2.0
784474	0.3	71.9	20.4	1.9	54.0	15.4	791	88	4.5	1.08	< 0.1	1	0.2	< 0.1	317	47.8	115	13.6	54.2	8.6	6.0	0.6	3.1
784475	0.4	5.3	0.9	1.8	1.6	0.3	14.2	2	0.1	0.46	< 0.1	< 1	0.2	< 0.1	11	0.9	2.2	0.2	0.8	0.1	0.1	< 0.1	< 0.1
784476	0.9	25.6	19.1	1.6	58.8	4.5	589	72	4.1	1.06	< 0.1	< 1	0.2	0.1	449	4.9	13.1	1.8	7.6	1.2	1.3	0.1	0.9
784477	0.8	52.4	13.0	1.6	5.4	11.9	101	18	1.5	0.67	0.1	< 1	0.1	0.1	23	2.1	5.8	0.8	4.1	1.1	1.5	0.3	2.0
784478	0.3	217	18.0	0.4	11.6	26.7	416	20	0.2	0.46	< 0.1	< 1	< 0.1	< 0.1	155	6.3	15.8	2.2	10.3	2.8	4.2	0.7	4.5
784479	1.1	679	21.3	2.0	30.9	17.7	448	55	3.3	1.58	< 0.1	1	0.2	8.1	77	25.6	76.1	10.4	44.8	7.9	6.1	0.7	3.5
784480	0.4	266	17.2	0.5	24.3	15.4	365	28	2.1	4.26	< 0.1	1	< 0.1	0.1	217	6.3	16.6	2.1	8.6	2.4	2.7	0.4	2.8
784481	0.6	101	13.0	0.6	42.7	4.4	202	42	3.2	4.11	< 0.1	< 1	< 0.1	< 0.1	379	2.8	7.7	0.9	3.4	0.8	0.7	0.1	0.8
784482	1.8	120	14.9	0.6	10.3	18.6	139	9	0.3	0.39	< 0.1	< 1	< 0.1	< 0.1	62	3.4	9.2	1.4	6.5	1.9	2.8	0.4	3.3
784483	0.4	109	18.1	0.9	18.7	23.6	253	11	0.4	0.31	< 0.1	< 1	< 0.1	< 0.1	70	4.0	11.1	1.7	8.0	2.3	3.3	0.5	3.9
784484	0.7	83.1	16.3	3.1	7.0	20.2	156	15	0.6	1.31	< 0.1	< 1	< 0.1	< 0.1	42	3.7	9.9	1.4	7.0	2.4	2.8	0.5	3.3
784485	1.0	146	16.7	0.7	8.9	21.7	147	16	0.8	0.81	0.1	< 1	< 0.1	< 0.1	91	3.6	10.4	1.5	7.3	2.3	3.2	0.5	3.8
784486	0.7	132	16.0	< 0.1	6.8	17.8	122	17	0.2	0.54	0.1	< 1	0.1	< 0.1	55	3.5	9.0	1.3	6.3	1.6	2.6	0.4	3.1
784487	0.4	88.8	19.8	1.4	19.9	16.5	289	12	0.1	0.18	< 0.1	< 1	< 0.1	< 0.1	105	5.5	12.9	1.7	7.9	2.2	2.7	0.4	2.9
784488	1.0	80.8	24.0	0.6	70.4	13.5	509	50	2.2	15.7	< 0.1	< 1	< 0.1	< 0.1	487	17.2	37.8	4.5	18.7	3.2	3.0	0.4	2.2
784489	0.9	85.0	13.3	25.2	13.8	15.6	95.1	38	0.3	1.90	< 0.1	< 1	0.3	< 0.1	200	4.2	10.4	1.3	6.3	1.5	2.2	0.4	2.7
784490	0.2	38.5	14.0	0.2	89.3	5.4	122	145	7.6	0.19	< 0.1	2	< 0.1	< 0.1	786	28.0	69.1	5.9	18.3	2.8	2.0	0.2	1.1
785586	0.5	112	21.7	1.0	189	6.9	201	43	15.7	0.81	< 0.1	7	< 0.1	< 0.1	215	4.1	13.6	1.1	4.9	0.8	1.2	0.2	1.1
785587	< 0.1	134	16.9	1.0	80.4	14.6	974	64	2.8	1.00	< 0.1	< 1	0.2	0.5	456	17.5	51.0	6.0	27.1	5.0	4.7	0.5	3.0
785588	< 0.1	151	17.3	0.5	98.7	15.5	974	60	2.0	0.93	< 0.1	< 1	0.2	0.4	130	56.8	126	15.6	62.8	9.7	6.3	0.6	3.2
785589	0.3	156	17.6	0.3	94.2	16.5	989	65	1.6	2.73	< 0.1	< 1	0.1	0.2	141	76.6	169	22.1	86.7	11.6	7.7	0.7	3.7
785590	0.8	50.6	12.6	0.4	88.7	5.6	755	19	3.0	1.60	< 0.1	< 1	< 0.1	< 0.1	850	7.7	32.2	2.5	10.0	1.8	1.6	0.2	1.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
784470	48.0	0.2	0.5	3.3	0.5	< 0.1	0.2	0.003	0.11	4.5	42	0.7	0.2	0.316	0.041	0.24
784471	12.8	0.3	0.2	1.1	0.2	0.2	0.3	0.002	0.10	6.5	13	3.9	0.9	0.332	0.117	0.12
784472	34.6	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.3	0.001	0.13	4.2	5	1.4	1.0	0.150	0.028	0.06
784473	74.8	0.1	0.1	0.9	0.1	0.2	0.7	0.004	0.38	6.5	9	3.7	1.0	0.407	0.081	1.32
784474	38.4	0.6	0.2	1.3	0.2	0.2	0.6	0.003	0.45	7.0	16	4.6	1.1	0.373	0.163	0.31
784475	12.5	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.001	< 0.05	4.5	< 1	0.1	< 0.1	0.0131	0.003	0.08
784476	29.7	0.1	< 0.1	0.5	< 0.1	0.3	0.5	0.004	0.54	7.1	5	3.5	0.7	0.227	0.051	0.44
784477	100	0.7	0.2	1.3	0.2	< 0.1	5.7	0.002	0.05	1.7	19	0.2	0.1	0.290	0.033	0.04
784478	161	0.3	0.4	2.7	0.4	< 0.1	< 0.1	0.002	0.10	3.9	39	0.7	0.6	0.327	0.024	0.83
784479	132	< 0.1	0.2	1.4	0.2	0.1	3.3	0.002	0.24	25.8	11	3.7	1.0	0.623	0.186	2.89
784480	123	0.4	0.3	1.7	0.2	< 0.1	0.5	0.002	0.18	5.5	24	2.6	1.1	0.386	0.029	0.69
784481	25.9	0.2	< 0.1	0.5	< 0.1	0.3	0.3	0.002	0.28	6.4	6	4.6	1.2	0.134	0.019	0.14
784482	78.3	0.4	0.3	2.0	0.3	< 0.1	< 0.1	0.002	0.10	2.5	33	0.4	0.2	0.319	0.026	0.14
784483	101	0.3	0.4	2.5	0.4	< 0.1	0.1	0.002	0.10	3.7	41	0.4	0.2	0.291	0.033	0.15
784484	143	0.4	0.3	2.2	0.3	< 0.1	0.2	0.002	< 0.05	2.2	34	0.3	0.1	0.403	0.034	0.46
784485	288	0.3	0.4	2.4	0.4	< 0.1	0.2	0.003	0.09	2.1	36	0.4	0.1	0.376	0.031	0.93
784486	496	0.4	0.3	2.0	0.3	< 0.1	< 0.1	0.003	0.07	2.2	30	0.3	0.2	0.280	0.022	2.04
784487	101	0.6	0.3	1.8	0.3	< 0.1	< 0.1	0.002	0.14	5.9	38	0.6	0.2	0.238	0.030	0.10
784488	110	0.3	0.2	1.3	0.2	< 0.1	0.2	0.004	0.44	5.7	13	1.4	0.6	0.315	0.115	0.30
784489	153	0.4	0.3	1.6	0.2	< 0.1	0.4	0.005	0.11	18.7	34	0.9	0.2	0.373	0.032	0.45
784490	3.6	< 0.1	< 0.1	0.5	< 0.1	0.3	0.1	0.001	0.73	16.2	3	12.5	0.7	0.122	0.019	< 0.01
785586	11.8	0.3	0.1	0.8	0.1	1.4	0.2	0.001	1.60	21.9	11	3.5	2.0	0.152	0.029	0.02
785587	19.1	0.3	0.2	1.3	0.2	0.2	0.6	0.001	0.58	6.0	21	8.1	1.5	0.421	0.138	0.84
785588	21.1	< 0.1	0.2	1.4	0.2	< 0.1	0.6	0.002	0.72	5.2	21	7.4	1.3	0.382	0.135	1.71
785589	20.0	0.5	0.2	1.4	0.2	< 0.1	0.4	0.003	0.64	5.1	21	7.7	1.4	0.393	0.145	1.86
785590	18.9	< 0.1	< 0.1	0.5	< 0.1	< 0.1	0.2	0.002	0.80	11.3	6	3.5	4.5	0.187	0.068	0.04

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		32.9	1.41	1.09	8.44	1.74	1.02		37	54	819	4.78	1.2	80	36.7	3.6	2.8	1.2		3.97	18.2	1.54	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		33.7	1.45	0.95	7.72	1.65	0.99		42	51	823	4.45	0.8	40	32.6	3.6	2.7	1.2		3.80	15.8	1.46	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										199		9.53			> 5000						153		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										206		9.73			> 5000						161		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.19		1.37			74		890	10.4			8.6	13.6		4.6			43.0	6.48	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.11		2.16			71		893	10.1			8.9	13.7		4.7			45.0	6.85	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			43.7		123		90.8
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			46.2		135		93.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		5.1	1.44				8.62		154	189		7.35			279						59.9	0.48	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.8	1.40				8.48		141	170		6.71			268						56.7	0.56	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2370				0.84		76.2		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2250				0.87		81.5		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4 ACID) Meas		16.9	0.04	0.62	6.92	3.25	0.05		81	64	444	7.23	5.0		45.0		8.5		0.65	3.72	88.8		4.21
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		165						0.3	221	106			3.4		85.2	3.4	2.8	1.1		6.86	21.6	1.64	0.69
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		170						0.4	203	105			3.3		84.9	3.7	3.0	1.2		8.25	22.6	1.75	0.67
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		21.9	0.10	0.25	8.39	0.41	0.20		83	480	505	14.9	1.6		233	1.4	0.7	0.5		3.72	30.8	0.54	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		21.4	0.09	0.24	7.77	0.39	0.18		165	524	484	14.2	3.4		238	1.4	0.9	0.4		3.72	30.4	0.61	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4																			10.5		48.6		27.2

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.3		50.5		27.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.1	0.32	1.70	7.51	2.29	0.47	0.4	90	93	954	6.46	3.5		36.9	2.8	2.2	1.2	1.83	6.11	21.7	1.22	24.1
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas		31.7	0.33	1.75	7.78	2.21	0.48	0.3	93	81	964	6.75	3.5		38.0	2.4	2.4	0.9	1.82	6.17	23.7	1.10	21.5
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.0	1.18	0.38	5.46	1.94	1.95	218	31	35	471	3.42	4.4		24.2		1.4		50.1	2.77	24.7		3.93
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		14.5	1.34	0.54	6.65	2.21	2.09	284	33	34	524	3.79	4.2		26.8		1.7		66.8	3.09	29.7		3.91
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		15.6	0.60	1.24	3.77	2.89	3.97		149	41	3910	24.6	3.0		71.7	2.2	0.9	0.7	1.36	0.62	> 500	1.96	8.99
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		16.3	0.61	1.18	3.98	2.73	3.97		162	39	4120	24.9	2.9		71.5	2.0	0.7	0.7	1.28	0.62	> 500	1.65	9.03
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8630																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	508																						
Oreas E1336 (Fire Assay) Cert	510																						
784471 Orig	< 5																						
784471 Dup	< 5																						
784482 Orig		42.1	1.29	2.35	5.61	0.29	8.02	0.1	194	103	1600	9.03	0.5	30	40.1	2.0	0.3	0.6	0.32	0.86	29.9	0.72	0.46
784482 Dup		43.0	1.35	2.51	5.95	0.29	8.28	0.2	169	105	1660	9.30	0.4	10	40.6	2.2	0.5	0.7	0.29	0.95	30.4	0.72	0.47
784485 Orig	14																						
784485 Dup	7																						
785588 Orig		72.6	2.09	4.31	7.45	1.57	7.06	< 0.1	175	169	1390	7.09	1.5	90	98.2	1.7	1.1	0.6	0.33	2.14	38.9	2.21	2.82
785588 Dup		74.2	2.16	4.38	7.65	1.60	7.15	< 0.1	176	139	1430	7.33	1.5	60	100	1.5	1.1	0.6	0.35	2.19	39.4	2.22	2.91
785589 Orig	10																						
785589 Dup	5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	4	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	2	2	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	2	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	8	7	< 0.01	< 0.1	90	2.7	< 0.1	0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	7	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		2.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	10	4	< 0.01	< 0.1	60	< 0.5	< 0.1	0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	11	9	< 0.01	< 0.1	60	< 0.5	< 0.1	0.4	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

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

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		101	23.0	< 0.1	114		179	42	< 0.1			< 1	< 0.1		698	40.9	90.2		42.3	8.5	7.2	1.1	6.6
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		98.2	17.1	< 0.1	93.1		158	29	< 0.1			< 1	< 0.1		655	38.9	88.0		39.5	8.1	6.9	0.9	5.8
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				6.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				8.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						112				17.8						609	1140	113	331	39.6	35.2	3.9	23.3
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						119				20.5						660	1260	122	365	44.8	36.0	4.0	23.6
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	160	1300										> 200	6.3										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	170	1450										> 200	15.2										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		66.9	13.8		3.3	15.6	141	36	1.5				0.9		109	3.3			4.7				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		63.3	13.3		3.4	14.7	139	36	1.5				1.1		110	3.6			4.7				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		143		63.1						10.7													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		155		55.6						9.73													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.7	27.7	16.4	106	130	31.4	26.6	183		2.28	0.2	3	1.7		222	43.5	90.9					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		201	24.3	28.2	111	27.4	167	115	15.1	2.04		4	1.2		619	40.0	92.3	10.2	41.9	8.1	7.2	0.9	5.8
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		190	23.2	27.1	138	29.7	174	126	15.1	2.20		4	1.3		709	48.8	109	12.2	48.6	10.6	8.0	1.0	6.4
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		44.1	20.9	6.8	42.2	10.7	29.2	59	0.3	0.21	< 0.1	< 1	< 0.1		187	16.3	36.5	3.6	13.9	2.9	2.5	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		44.1	19.6	10.8	40.3	10.4	32.1	129	4.5	1.14	< 0.1	< 1	< 0.1		191	16.2	37.0	3.8	14.3	2.2	2.6	0.3	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4	39.4	444										69	5.1										

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	41.4	468										66	5.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.5	341	17.0	6.7	148	24.1	38.6	122	14.6	0.94	0.6	16	1.5		449	39.1	84.3	9.4	34.3	6.2	5.6	0.7	4.7
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas	6.0	350	17.9	7.5	141	24.0	39.5	127	14.7	1.05	0.5	14	1.5		450	38.3	79.8	8.8	32.9	6.1	5.7	0.7	4.8
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	3.9	> 10000	21.1	67.1	62.9	7.8	44.5	123	7.3	11.1	1.4	5	15.9			14.8	39.8					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.1	> 10000	20.0	72.7	81.2	11.8	80.1	165	9.9	14.3	1.8	6	114			22.3	50.2					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.5	30.6	15.2	400	91.2	17.7	81.6	123	2.0	217	0.2	9	5.6	0.3		62.1	93.1	9.1	27.7	4.2	4.1	0.6	3.6
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.4	32.0	15.2	403	77.1	17.5	62.8	114	3.5	202	0.2	9	3.8	0.4		38.8	67.1	6.7	23.3	3.1	3.7	0.5	3.2
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
784471 Orig																							
784471 Dup																							
784482 Orig	1.6	117	14.7	0.7	10.2	18.6	138	10	0.3	0.41	< 0.1	< 1	< 0.1	< 0.1	61	3.4	9.0	1.3	6.3	1.8	2.8	0.4	3.3
784482 Dup	1.9	123	15.1	0.6	10.5	18.6	141	8	0.2	0.36	< 0.1	< 1	< 0.1	< 0.1	62	3.5	9.3	1.4	6.6	1.9	2.9	0.5	3.4
784485 Orig																							
784485 Dup																							
785588 Orig	< 0.1	148	16.9	0.6	97.7	15.4	960	60	2.3	0.81	< 0.1	< 1	0.2	0.6	120	56.6	126	15.4	62.3	9.2	6.4	0.6	3.3
785588 Dup	0.4	154	17.6	0.4	99.8	15.5	988	60	1.7	1.04	< 0.1	< 1	0.1	0.2	141	57.1	127	15.7	63.3	10.2	6.2	0.6	3.2
785589 Orig																							
785589 Dup																							
Method Blank	< 0.1	0.4	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	0.4	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	< 0.2	0.2	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	0.3	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.7	< 0.2	0.2	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.28	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	0.3	0.2	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	1.4	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

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

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	31.4		0.5	3.3		< 0.1	< 0.1		0.61	24.6	15	11.8	2.8	0.144	0.054	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	29.2		0.5	3.1		< 0.1	< 0.1		0.63	25.0		12.0	2.9			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	313															1.66
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	313															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	396		1.9	12.3	1.6					22.5		35.7	338	0.352	0.110	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	413		1.9	12.4	1.7					22.5		36.1	332			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									310						15.5
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									326						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	106			1.8						5.9	29			0.274		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	101			1.8						6.3						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2330															1.14
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2390															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 904 (4 ACID) Meas	6310	< 0.1		3.1	0.5	0.7	2.8		0.58	11.4	12	15.7	9.2		0.100	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas	44.6		0.5	3.1	0.4	1.0	1.6		0.95	36.7	20	12.9	5.4	0.496		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	32.2		0.5	3.3	0.5	1.0	1.8		0.95	36.5		16.1	5.7			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
OREAS 45d (4-Acid) Meas	393			1.5	0.2	< 0.1	< 0.1		0.27	22.3	53	15.3	2.9	0.559	0.038	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	378			1.4	0.2	0.1	0.3		0.26	21.5		14.7	2.8			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4	> 10000									98.7						4.39

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Acid) Meas																
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									100						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4050		0.4	2.6	0.3	1.1	4.8		0.92	89.4	13	16.6	3.1	0.415	0.064	0.72
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas	4270		0.4	2.5	0.4	1.0	4.5		0.88	85.7		16.6	3.2			
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0		16.5	3.06			
OREAS 621 (4 Acid) Meas	3260			0.9	0.1		1.8		2.09	> 5000	7	3.9	2.8	0.187	0.036	4.69
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3440			1.0	0.2		2.4		2.10	> 5000		6.9	2.8			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	8760		0.3	2.0	0.3	< 0.1	37.2	0.102	0.30	7.3	11	1.5	44.1	0.313	0.084	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	8680		0.3	1.8	0.3	< 0.1	71.9	0.087	0.29	6.5		1.1	43.1			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
784471 Orig																
784471 Dup																
784482 Orig	77.3	0.5	0.3	2.0	0.3	< 0.1	0.3	0.003	0.10	2.5	33	0.4	0.2	0.344	0.026	0.14
784482 Dup	79.2	0.4	0.3	2.0	0.3	< 0.1	< 0.1	0.002	0.10	2.5	32	0.4	0.2	0.293	0.026	0.14
784485 Orig																
784485 Dup																
785588 Orig	21.0	< 0.1	0.2	1.4	0.2	0.1	0.7	0.002	0.70	5.2	21	7.3	1.3	0.394	0.136	1.73
785588 Dup	21.3	0.6	0.2	1.4	0.2	< 0.1	0.4	0.002	0.74	5.2	21	7.5	1.3	0.371	0.133	1.70
785589 Orig																
785589 Dup																
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.2	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.004	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank																
Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-12642**
Report Date: **17-Nov-20**
Date Submitted: **13-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

26 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-10-26 09:26:43

REPORT **A20-12642**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-12642**
Report Date: **17-Nov-20**
Date Submitted: **13-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

26 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-11-09 12:50:29

REPORT **A20-12642**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785603	< 5	49.9	2.73	0.33	6.63	1.37	1.16	< 0.1	44	19	136	1.49	1.5	< 10	5.0	0.4	1.5	0.1	0.12	2.74	3.5	0.40	0.92
785604	< 5	10.0	2.33	3.54	8.55	0.93	5.83	< 0.1	267	17	1690	8.53	1.1	40	24.2	2.5	0.9	0.8	< 0.05	0.63	47.6	0.73	0.13
785605	< 5	3.7	1.89	1.85	6.49	0.26	5.14	< 0.1	103	70	848	3.69	0.7	< 10	78.1	0.8	1.2	0.3	0.12	0.22	21.1	0.48	0.47
785606	< 5	82.8	2.73	1.60	8.00	2.37	2.77	< 0.1	92	34	588	3.25	3.8	< 10	18.4	1.6	2.2	0.5	0.08	17.5	13.4	1.36	0.12
785607	< 5	1.2	0.03	0.41	2.58	0.02	5.11	0.1	89	78	693	3.96	0.4	< 10	0.6	1.5	0.5	0.5	< 0.05	0.91	2.0	0.51	3.19
785608	< 5	38.5	1.40	2.03	7.45	0.33	7.20	0.2	259	11	1330	6.57	1.0	< 10	18.8	1.9	0.9	0.6	< 0.05	1.83	31.2	0.65	2.69
785609	< 5	19.6	> 3.00	0.04	6.43	0.40	1.20	< 0.1	15	11	517	1.99	5.8	< 10	0.8	2.1	1.7	0.6	0.17	3.39	0.3	0.35	0.26
785610	< 5	40.0	2.52	0.10	7.69	2.82	0.93	< 0.1	10	7	146	0.99	3.7	< 10	0.8	0.5	0.8	0.2	0.13	1.80	1.3	0.44	0.05
785611	5530	13.5	1.40	3.16	6.86	0.63	5.42	0.2	134	155	3800	10.9	1.4	< 10	108	2.4	0.9	0.8	0.96	3.09	34.4	1.18	0.16
784498	5	84.5	> 3.00	0.84	8.30	1.04	1.32	< 0.1	44	17	311	1.63	2.2	40	8.4	0.5	0.5	0.2	0.12	2.15	4.1	0.47	0.17
784499	< 5	17.0	2.02	1.28	6.22	0.62	2.87	< 0.1	126	14	1200	6.61	1.4	30	1.2	2.6	0.4	0.8	< 0.05	1.21	21.7	0.77	0.08
784500	< 5	8.2	1.11	0.01	1.74	0.07	0.20	< 0.1	4	18	56	0.44	0.2	< 10	< 0.5	< 0.1	2.8	< 0.1	< 0.05	1.50	0.4	< 0.05	< 0.02
385452	< 5	1.7	0.33	0.31	1.17	0.05	0.87	< 0.1	67	32	378	1.85	0.2	< 10	6.0	0.7	0.5	0.2	< 0.05	0.09	5.8	0.16	< 0.02
828051	< 5	13.2	> 3.00	2.02	6.92	1.21	3.79	0.1	161	5	1130	7.66	1.7	< 10	14.1	2.1	3.3	0.7	0.56	0.99	48.5	0.62	1.04
828052	< 5	1.2	0.14	0.14	0.40	0.04	0.26	< 0.1	13	24	117	1.13	< 0.1	< 10	2.0	0.1	0.4	< 0.1	0.07	0.12	3.6	< 0.05	0.07
828053	< 5	17.3	2.47	1.93	6.90	0.69	3.46	< 0.1	229	16	1020	6.46	1.7	30	7.9	2.0	3.2	0.6	0.19	6.31	28.6	0.62	0.42
828054	< 5	30.4	0.98	3.43	5.07	0.28	5.30	< 0.1	158	45	1270	7.32	0.6	20	29.0	1.2	0.3	0.4	0.11	7.86	18.1	0.31	1.21
828055	< 5	5.1	2.66	0.76	7.60	0.37	5.07	< 0.1	159	32	549	7.23	0.9	< 10	31.9	0.7	9.9	0.2	0.17	0.56	18.9	0.80	1.69
828056	< 5	4.8	> 3.00	0.96	8.19	1.62	1.89	< 0.1	88	31	502	5.38	1.2	< 10	20.4	0.7	0.9	0.2	0.29	2.34	14.4	0.65	0.82
828057	18	7.9	0.52	1.60	3.11	0.22	2.46	< 0.1	120	75	662	3.54	0.2	< 10	40.4	0.8	0.3	0.3	< 0.05	0.40	17.9	0.29	0.17
828058	< 5	10.9	2.14	2.78	6.92	0.33	5.01	< 0.1	440	7	1640	12.4	1.3	< 10	36.7	3.5	0.7	1.1	< 0.05	0.93	39.5	0.89	0.05
828059	13	9.0	> 3.00	2.02	6.68	0.59	4.48	0.2	122	20	1130	5.61	1.2	< 10	16.6	1.3	3.1	0.4	0.26	0.57	20.6	0.97	0.21
828060	< 5	3.5	0.73	1.35	2.08	0.14	2.37	0.1	67	89	530	3.36	0.2	< 10	39.6	0.5	1.1	0.2	0.09	0.30	18.1	0.18	0.08
828061	< 5	3.4	1.35	2.29	3.61	0.14	4.78	0.1	101	78	995	4.44	0.3	< 10	21.6	1.1	1.6	0.3	0.06	0.20	20.1	0.39	0.09
828062	12	14.1	> 3.00	2.81	8.81	0.86	4.43	< 0.1	83	301	912	6.98	0.4	40	115	1.0	1.9	0.3	0.16	3.51	45.7	0.29	0.20
828063	15	16.8	> 3.00	2.28	9.53	1.05	2.90	< 0.1	66	237	635	5.24	0.2	20	68.6	1.3	2.1	0.4	0.10	5.88	42.5	0.36	0.20

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785603	0.4	9.6	9.6	0.3	44.3	3.6	293	55	2.8	8.10	< 0.1	< 1	< 0.1	0.1	525	11.9	27.4	2.7	10.5	1.5	1.1	0.1	0.6
785604	0.5	96.9	13.3	< 0.1	36.0	20.0	243	41	0.4	0.28	< 0.1	< 1	< 0.1	< 0.1	244	7.0	19.2	2.3	11.9	2.6	3.2	0.4	3.3
785605	0.2	58.7	13.4	< 0.1	4.4	7.1	292	25	2.0	2.25	< 0.1	< 1	< 0.1	< 0.1	80	7.4	18.7	2.1	10.1	2.0	1.7	0.2	1.3
785606	0.3	78.7	< 0.1	< 0.1	208	14.7	> 1000	158	4.4	0.66	< 0.1	1	< 0.1	< 0.1	1500	26.4	66.9	7.2	34.5	5.6	5.2	0.4	2.9
785607	0.4	20.6	15.3	0.7	2.1	14.4	351	16	0.8	1.30	0.1	< 1	< 0.1	< 0.1	16	3.0	8.2	0.9	5.0	1.4	1.9	0.3	2.2
785608	0.4	74.0	22.3	< 0.1	7.0	15.5	163	30	2.0	2.61	< 0.1	< 1	< 0.1	< 0.1	50	7.1	17.7	2.0	10.1	1.7	2.5	0.3	2.7
785609	0.4	42.6	18.7	< 0.1	15.7	15.0	250	233	7.2	2.30	0.1	2	< 0.1	< 0.1	229	3.7	8.6	0.9	4.7	1.4	1.6	0.2	2.4
785610	< 0.1	27.6	3.2	0.2	114	4.8	94.6	130	6.1	0.73	< 0.1	2	< 0.1	< 0.1	700	23.6	53.8	4.6	17.2	2.7	1.9	0.2	1.1
785611	2.8	116	11.2	3080	20.4	21.7	248	53	3.4	1.90	< 0.1	1	6.0	< 0.1	220	16.8	31.0	4.3	20.8	4.6	5.1	0.6	4.2
784498	< 0.1	54.7	15.8	1.8	31.1	4.5	250	79	1.8	1.65	< 0.1	< 1	< 0.1	< 0.1	105	13.2	33.8	3.5	15.6	2.1	1.6	0.1	0.9
784499	0.3	102	11.9	< 0.1	34.3	21.5	129	54	0.2	0.33	< 0.1	< 1	< 0.1	< 0.1	285	7.4	20.1	2.4	11.8	2.9	3.3	0.4	3.8
784500	0.1	4.1	8.3	0.8	8.9	0.1	18.1	1	1.3	2.00	< 0.1	< 1	< 0.1	< 0.1	8	0.1	0.3	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1
385452	0.3	23.1	3.0	< 0.1	2.0	5.3	24.3	5	0.1	1.64	< 0.1	< 1	< 0.1	< 0.1	21	0.5	1.7	0.2	1.3	0.3	0.8	0.1	1.0
828051	3.0	77.3	18.6	0.4	45.3	16.9	330	71	11.6	4.55	< 0.1	2	< 0.1	0.1	260	6.4	17.4	2.1	10.2	2.3	2.8	0.3	3.1
828052	0.5	21.6	1.4	< 0.1	1.6	0.8	13.0	3	0.5	3.82	< 0.1	< 1	< 0.1	< 0.1	15	0.4	1.2	0.1	0.7	0.1	0.1	< 0.1	0.1
828053	1.0	74.5	17.7	0.5	31.1	16.9	175	70	4.3	244	< 0.1	< 1	< 0.1	0.1	110	5.4	14.6	1.7	8.8	2.0	2.5	0.3	3.0
828054	1.1	63.4	9.7	< 0.1	18.4	10.5	50.3	23	1.1	9.63	< 0.1	< 1	< 0.1	0.4	47	2.3	6.3	0.8	4.2	0.9	1.5	0.2	1.8
828055	0.8	38.6	28.3	2.0	14.5	6.6	210	37	3.4	1.13	0.2	64	< 0.1	< 0.1	80	10.4	30.0	3.4	15.9	2.6	2.0	0.2	1.4
828056	0.9	44.4	20.1	1.1	42.8	5.7	427	51	3.9	1.54	< 0.1	< 1	< 0.1	< 0.1	63	9.8	32.5	3.3	15.2	2.2	1.9	0.2	1.1
828057	0.3	55.1	6.5	< 0.1	11.9	7.1	43.4	7	0.4	0.82	< 0.1	< 1	< 0.1	< 0.1	56	1.2	3.7	0.5	2.9	0.8	1.2	0.1	1.3
828058	0.5	111	18.7	< 0.1	8.9	29.4	108	48	0.2	0.22	0.1	< 1	< 0.1	< 0.1	117	3.3	10.5	1.5	9.2	3.0	4.4	0.6	5.1
828059	1.6	81.9	19.0	< 0.1	16.3	10.9	284	53	4.2	1.25	< 0.1	< 1	< 0.1	0.3	240	15.4	42.3	4.8	23.0	3.7	3.0	0.3	2.1
828060	0.6	37.7	5.8	0.7	5.0	4.1	92.6	7	0.5	3.44	< 0.1	< 1	< 0.1	0.2	93	0.5	1.4	0.2	1.3	0.5	0.6	< 0.1	0.8
828061	0.5	56.5	8.2	< 0.1	3.8	8.2	186	11	< 0.1	0.30	< 0.1	< 1	< 0.1	< 0.1	122	1.3	4.1	0.6	3.5	1.0	1.4	0.2	1.6
828062	1.1	66.8	18.7	< 0.1	27.4	8.2	271	13	0.3	0.24	< 0.1	< 1	< 0.1	< 0.1	247	1.1	3.7	0.6	3.6	0.9	1.5	0.2	1.6
828063	0.8	55.3	17.3	0.2	44.5	11.4	260	5	< 0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	356	1.8	6.0	0.8	4.9	1.4	2.0	0.2	2.0

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785603	27.9	< 0.1	< 0.1	0.3	< 0.1	0.2	1.2	0.002	0.24	4.5	3	3.1	0.6	0.105	0.030	0.24
785604	43.1	0.3	0.3	2.5	0.3	< 0.1	< 0.1	< 0.001	0.16	2.2	42	0.9	0.2	0.279	0.037	0.02
785605	8.5	< 0.1	0.1	0.8	0.1	< 0.1	0.4	< 0.001	< 0.05	3.1	11	0.9	0.4	0.216	0.203	< 0.01
785606	15.8	< 0.1	0.2	1.5	0.2	0.2	0.1	< 0.001	1.96	16.6	11	5.5	1.5	0.303	0.168	0.17
785607	11.0	< 0.1	0.2	1.4	0.2	< 0.1	0.2	< 0.001	< 0.05	5.2	9	0.3	0.3	0.117	0.071	0.04
785608	22.7	0.4	0.3	1.9	0.2	0.1	0.5	< 0.001	< 0.05	4.5	31	1.1	0.6	0.308	0.039	0.08
785609	8.0	0.2	0.3	2.7	0.4	0.3	0.2	< 0.001	0.11	6.8	4	3.6	0.9	0.0950	0.009	0.07
785610	2.2	< 0.1	< 0.1	0.5	< 0.1	0.1	0.1	< 0.001	0.71	15.9	2	9.6	0.8	0.0999	0.016	< 0.01
785611	156	0.1	0.3	2.0	0.3	< 0.1	1.2	0.002	0.15	10.5	18	3.6	1.4	0.400	0.218	2.86
784498	19.9	< 0.1	< 0.1	0.5	< 0.1	< 0.1	0.2	< 0.001	0.22	8.5	4	3.0	0.9	0.147	0.048	0.02
784499	17.4	0.2	0.4	2.7	0.4	< 0.1	< 0.1	< 0.001	0.18	3.5	27	1.3	0.3	0.284	0.061	0.01
784500	4.5	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.1	< 0.001	0.06	2.9	< 1	0.1	< 0.1	0.0082	0.001	< 0.01
385452	3.0	0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	7	< 0.1	< 0.1	0.159	0.010	< 0.01
828051	590	0.3	0.3	2.2	0.3	0.2	0.4	< 0.001	0.25	5.1	25	0.9	1.0	0.428	0.073	2.23
828052	59.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	0.8	1	< 0.1	< 0.1	0.0183	0.005	0.17
828053	153	< 0.1	0.3	2.1	0.3	0.1	0.2	0.054	0.16	4.2	30	1.1	0.6	0.364	0.056	1.02
828054	129	< 0.1	0.2	1.2	0.2	< 0.1	9.8	< 0.001	0.12	1.1	23	0.4	0.1	0.196	0.021	0.15
828055	80.8	< 0.1	0.1	0.7	< 0.1	0.1	0.3	< 0.001	0.12	4.5	8	1.5	0.4	0.256	0.064	3.05
828056	95.2	< 0.1	< 0.1	0.6	< 0.1	0.2	0.2	< 0.001	0.66	7.8	8	1.2	0.4	0.244	0.056	3.14
828057	31.3	0.2	0.1	0.8	0.1	< 0.1	2.7	< 0.001	< 0.05	< 0.5	14	0.1	< 0.1	0.216	0.011	0.02
828058	40.2	0.1	0.5	3.4	0.5	< 0.1	< 0.1	< 0.001	0.06	1.5	43	0.4	0.1	0.434	0.039	0.04
828059	388	0.1	0.2	1.2	0.2	0.1	1.6	< 0.001	0.11	4.5	10	2.0	0.5	0.452	0.034	0.98
828060	167	0.1	< 0.1	0.5	< 0.1	< 0.1	0.2	< 0.001	< 0.05	1.6	11	0.3	0.2	0.152	0.002	0.16
828061	132	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	< 0.05	1.8	22	0.3	0.2	0.298	0.005	0.10
828062	202	< 0.1	0.1	1.0	0.1	< 0.1	0.5	< 0.001	0.20	4.5	20	0.1	0.2	0.490	0.008	1.09
828063	114	0.1	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	0.28	4.4	25	0.3	< 0.1	0.279	0.010	0.46

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		34.8	1.63	1.01	9.20	1.80	0.85		59	46	790	4.50	1.0	10	32.3	3.6	2.5	1.2		4.43	16.6	1.39	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		38.6	1.69	1.13	8.73	2.78	1.05		60	47	862	4.55	1.3	60	35.4	3.7	2.9	1.3		4.20	18.0	1.59	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										165		8.57			> 5000						147		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.14		2.19			68		808	8.82			7.1	13.8		4.6			36.9	6.09	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.26		2.37			71		924	10.1			8.8	14.7		5.1			44.5	7.54	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																			46.5		133		107
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		4.5	1.42				7.69		149	150		6.27			266						52.6	0.53	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.9	1.49				8.17		159	160		6.50			280						56.0	0.57	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2220				0.82		71.2		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2300				0.89		72.1		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4 ACID) Meas		17.1	0.04	0.63	6.75	3.48	0.05		84	56	410	6.44	5.1		43.5		7.7		0.63	3.71	85.5		4.28
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		159						0.4	206	96			3.1		78.6	3.0	2.8	1.1		7.31	19.2	1.58	0.63
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		22.2	0.09	0.18	8.63	0.40	0.18		185	546	486	14.0	3.0		236	1.5	0.9	0.4		4.12	28.8	0.52	0.27
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d		22.7	0.10	0.20	8.27	0.41	0.19		141	541	479	14.1	2.5		250	1.2	0.8	0.4		3.83	30.2	0.57	0.32

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas																			10.2		44.4		26.2
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.5		48.9		29.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		33.0	0.35	1.85	7.35	1.71	0.45	0.5	96	72	877	5.94	3.8		36.6	2.9	2.1	1.0	1.78	6.65	21.9	1.27	26.4
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		15.0	1.45	0.52	7.33	2.34	1.83	239	37	32	520	3.82	4.1		27.2		1.6		62.1	3.35	28.6		3.42
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas		14.7	0.57	1.09	4.04	2.55	3.07		149	35	3480	21.8	2.5		59.9	2.0	1.0	0.7	1.28	0.74	> 500	1.63	7.71
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		16.4	0.68	1.26	4.17	2.79	3.95		184	41	4270	25.1	3.0		75.0	2.0	0.8	0.7	1.39	0.68	> 500	1.81	9.84
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8720																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	508																						
Oreas E1336 (Fire Assay) Cert	510																						
785604 Orig	< 5																						
785604 Dup	< 5																						
785605 Orig		3.7	1.98	1.88	6.41	0.26	5.21	< 0.1	104	70	848	3.68	0.7	20	79.4	0.8	1.3	0.2	0.13	0.23	21.4	0.48	0.47
785605 Dup		3.7	1.79	1.82	6.57	0.26	5.06	< 0.1	103	69	847	3.70	0.7	< 10	76.8	0.9	1.2	0.3	0.11	0.22	20.9	0.49	0.47
828053 Orig	< 5																						
828053 Dup	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
828062 Orig	12																						
828062 Dup	11																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	7	4	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	4	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	100	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	2	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	1	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	4	11	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	2	11	< 0.01	< 0.1	< 10	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		91.1	13.4	< 0.1	109		172	42	< 0.1			< 1	< 0.1		701	38.3	90.2		43.2	8.6	7.6	0.8	6.1
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		99.9	21.2	< 0.1	134		188	40	8.1			2	0.3		539	43.7	99.2		44.2	7.9	7.4	1.0	6.7
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				4.7																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						124				18.5						677	1280	110	388	41.9	37.8	3.3	24.2
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						128				17.7						812	1460	133	407	52.0	41.2	4.2	26.2
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas	198	1390										> 200	7.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		59.2	14.4		3.4	14.2	140	34	1.4				0.8		80	3.4			4.7				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		62.5	15.6		3.7	15.4	152	37	1.5				1.0		83	3.8			5.1				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		128		46.5						8.60													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		131		47.2						8.32													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.6	24.4	18.7	111	151	30.9	29.1	178		1.99	0.2	3	1.4		163	45.7	94.7					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		162	21.5	25.4	121	24.8	165	103	14.0	1.92		3	1.0		578	40.6	93.4	10.8	43.9	7.9	7.0	0.9	5.7
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		43.3	18.0	9.8	38.4	10.4	29.9	121	1.9	0.62	0.1	< 1	< 0.1		203	14.4	35.7	3.5	14.9	2.4	2.6	0.3	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d		44.4	25.3	10.0	44.7	10.7	32.5	94	1.8	0.42	< 0.1	< 1	< 0.1		144	17.3	38.8	3.9	14.6	3.3	2.4	0.3	2.2

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
OREAS 96 (4 Acid) Meas	40.3	391										60	3.3										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	46.3	439										68	4.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	6.5	335	19.7	7.5	148	24.6	43.5	130	14.4	0.87	0.6	14	1.3		340	44.0	90.0	10.1	37.4	7.0	6.1	0.8	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	5.1	> 10000	8.9	67.7	85.2	12.0	77.3	181	10.5	14.5	1.7	5	48.3			18.3	45.6					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas	1.8	27.5	12.2	324	79.0	16.8	76.4	114	1.8	195	0.3	8	3.3	0.2		66.0	104	8.2	30.0	4.3	4.2	0.4	3.2
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.8	32.1	19.5	502	95.8	18.9	94.5	127	4.1	213	0.2	9	5.1	0.4		65.4	104	8.9	28.4	3.8	4.2	0.5	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785604 Orig																							
785604 Dup																							
785605 Orig	0.2	58.6	13.3	< 0.1	4.4	7.1	295	26	1.9	3.30	< 0.1	< 1	< 0.1	< 0.1	80	7.4	18.9	2.1	10.2	1.9	1.7	0.2	1.3
785605 Dup	0.2	58.8	13.5	< 0.1	4.3	7.1	290	24	2.1	1.20	< 0.1	< 1	< 0.1	< 0.1	80	7.3	18.6	2.1	10.1	2.0	1.7	0.2	1.4
828053 Orig																							
828053 Dup																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
828062 Orig																							
828062 Dup																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank	0.2	0.4	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	0.9	0.1	0.1	< 0.2	< 0.1	< 0.2	1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	28.6		0.5	3.4		< 0.1	0.3		0.64	25.1	16	12.2	2.8	0.249	0.061	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	31.4		0.5	3.6		0.5	0.4		0.70	27.3		12.2	2.5			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	306															1.61
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	358		1.9	12.8	1.7					21.6		34.7	370	0.319	0.114	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	414		2.0	13.5	1.8					25.2		38.1	364	0.350	0.112	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas														0.301	0.110	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 98 (4 Acid) Meas	> 10000									390						14.2
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas																15.5
OREAS 98 (4 Acid) Cert																15.5
DNC-1a Meas	86.3			1.8						6.2	28			0.270		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	95.0			2.0						7.4						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2210															1.17
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2200															1.12
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 904 (4 ACID) Meas	6270	0.1		3.2	0.4	0.6	2.4		0.57	11.8	11	15.2	7.9		0.097	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas											11				0.107	0.06
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas	27.0		0.4	3.0	0.4	0.9	1.4		0.86	36.4	18	12.1	4.2	0.483		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											18			0.478		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	353			1.5	0.2	< 0.1	0.2		0.26	21.7	47	14.1	2.8	0.397	0.041	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d	384			1.4	0.2	< 0.1	0.2		0.26	22.8	51	14.2	2.3	0.0822	0.036	0.04

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
(4-Acid) Meas																
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas											49			0.301	0.039	0.04
OREAS 45d (4-Acid) Cert											49.30			0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									97.4						4.14
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									115						4.19
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 923 (4 Acid) Meas	4280		0.4	2.6	0.4	1.1	5.2		0.92	97.5	12	16.5	2.8	0.386	0.066	0.67
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas											13			0.400	0.069	0.70
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas											12			0.376	0.062	0.65
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3620			1.0	0.1		2.4		2.11	> 5000	6	6.4	2.7	0.174	0.038	4.40
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas											6			0.179	0.040	4.53
OREAS 621 (4 Acid) Cert											6.24			0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	8070		0.3	2.0	0.3	< 0.1	36.8	0.092	0.29	8.7	11	1.4	42.3	0.243	0.089	2.30
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	9660		0.3	1.9	0.3	< 0.1	86.6	0.097	0.32	9.2	11	1.6	39.9	0.304	0.092	2.35
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
785604 Orig																
785604 Dup																
785605 Orig	8.6	< 0.1	0.1	0.8	0.1	< 0.1	0.5	< 0.001	< 0.05	3.1	11	1.0	0.4	0.215	0.201	< 0.01
785605 Dup	8.5	< 0.1	0.1	0.8	0.1	< 0.1	0.4	< 0.001	< 0.05	3.0	11	0.9	0.4	0.217	0.206	< 0.01
828053 Orig																
828053 Dup																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
828062 Orig																
828062 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank	1.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-13077**
Report Date: **14-Dec-20**
Date Submitted: **20-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-11-09 19:19:28

REPORT **A20-13077**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-13077**
Report Date: **14-Dec-20**
Date Submitted: **20-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-11-24 14:40:10

REPORT **A20-13077**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785612	8	13.1	> 3.00	1.85	7.77	1.08	4.63	< 0.1	293	10	1350	8.33	1.3	20	13.6	2.6	2.1	0.9	0.23	1.61	39.0	1.01	0.49
785613	11	14.3	2.26	1.64	4.93	1.07	2.98	< 0.1	71	71	548	2.85	1.3	10	24.8	0.9	1.7	0.3	0.13	0.65	5.3	0.75	0.52
785614	14	8.4	> 3.00	1.56	7.02	0.43	3.87	0.1	146	13	1560	8.84	2.1	50	8.1	2.6	0.5	0.9	0.08	1.96	28.4	1.13	0.17
785615	< 5	8.8	> 3.00	0.88	7.14	0.58	3.27	< 0.1	85	22	698	4.48	1.5	40	4.9	1.0	2.1	0.3	0.30	1.51	5.3	0.54	1.37
785616	< 5	23.5	2.70	1.33	7.66	0.33	5.23	< 0.1	81	10	1340	7.79	0.7	70	3.8	2.5	0.6	0.8	0.07	0.18	22.9	1.13	1.04
785617	< 5	11.0	> 3.00	1.08	8.39	1.18	2.19	< 0.1	41	21	390	2.65	2.5	60	7.7	0.5	0.8	0.2	0.17	0.80	8.5	0.53	0.19
785618	5	13.6	> 3.00	3.27	9.04	0.99	5.43	< 0.1	164	202	1030	5.98	1.5	60	74.8	1.1	1.6	0.4	0.24	2.83	24.0	0.81	1.24
785619	< 5	17.7	> 3.00	2.74	8.57	3.10	3.74	0.1	138	98	822	5.05	3.3	50	16.4	1.2	1.5	0.5	0.23	2.82	22.0	1.24	0.63
785620	< 5	12.6	> 3.00	0.97	6.58	0.91	2.16	0.2	99	10	627	4.90	3.9	90	3.1	2.5	1.1	0.8	0.27	3.47	14.8	0.88	1.39
785621	11	14.2	> 3.00	1.60	7.26	1.26	5.33	0.1	269	9	1320	8.98	1.3	60	4.8	2.3	2.0	0.8	0.53	2.39	23.9	0.90	3.78
785622	< 5	9.6	2.39	2.32	6.67	0.30	5.25	0.1	186	7	1840	13.0	0.4	60	26.8	3.8	0.5	1.3	0.07	0.43	42.4	1.17	0.12
785629	3480	18.6	1.83	4.20	6.25	0.45	5.69	0.2	195	225	1140	6.74	1.2	90	136	1.8	0.4	0.6	0.73	0.36	39.2	0.60	0.29
785630	< 5	42.8	2.60	0.11	7.51	2.47	1.09	< 0.1	12	8	187	1.27	3.9	50	1.1	0.5	1.0	0.2	0.15	1.66	1.8	0.51	0.04

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785612	1.0	105	22.0	0.2	25.4	23.2	454	36	2.6	0.95	< 0.1	< 1	< 0.1	< 0.1	359	11.4	26.9	3.5	15.4	3.5	3.7	0.5	4.1
785613	0.3	50.8	13.8	0.8	29.8	8.1	545	48	2.2	302	< 0.1	< 1	< 0.1	0.1	2340	9.1	22.0	2.9	13.1	2.3	2.2	0.3	1.8
785614	0.4	154	14.6	0.9	14.8	22.1	137	72	0.6	2.09	< 0.1	< 1	< 0.1	< 0.1	118	10.6	26.4	3.5	15.8	3.4	3.9	0.6	4.1
785615	0.8	60.9	17.3	0.2	31.5	8.4	384	52	3.0	4.87	< 0.1	1	< 0.1	< 0.1	188	5.4	12.7	1.6	6.9	1.7	1.5	0.2	1.6
785616	0.2	96.9	21.3	0.6	4.2	21.6	260	26	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	93	7.6	20.4	2.9	14.7	4.0	3.7	0.6	3.7
785617	0.1	51.1	18.2	0.5	47.2	5.5	350	115	4.6	1.81	< 0.1	< 1	< 0.1	< 0.1	218	15.1	31.5	3.4	12.9	2.3	1.6	0.2	1.0
785618	0.4	76.7	22.9	0.7	42.1	10.8	557	59	2.4	17.9	< 0.1	< 1	0.1	0.2	235	7.3	19.1	2.7	13.6	2.8	2.4	0.3	2.0
785619	0.4	67.9	16.1	0.4	94.9	12.7	> 1000	143	3.4	1.05	< 0.1	< 1	< 0.1	< 0.1	835	12.8	33.4	4.5	22.3	4.9	3.7	0.4	2.6
785620	0.8	84.4	17.5	1.0	31.6	22.1	196	169	6.2	63.2	< 0.1	1	0.1	0.3	263	14.8	34.0	4.5	18.5	4.8	3.9	0.5	3.8
785621	0.9	88.9	22.3	1.2	44.6	21.4	906	48	1.0	2.44	< 0.1	< 1	< 0.1	< 0.1	137	10.6	23.7	3.0	12.9	2.8	3.3	0.5	3.6
785622	0.4	141	22.9	0.4	7.6	35.6	136	10	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	55	3.6	11.1	1.9	10.8	3.4	5.0	0.8	6.2
785629	0.5	83.1	13.8	24.7	13.1	15.2	93.5	44	0.2	1.92	< 0.1	< 1	0.3	< 0.1	183	4.3	9.7	1.3	6.3	1.6	2.2	0.4	2.7
785630	0.1	40.7	14.8	0.9	102	5.3	107	145	6.7	0.47	< 0.1	2	< 0.1	< 0.1	662	27.7	54.2	5.2	17.8	2.0	2.0	0.2	1.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785612	121	0.6	0.4	2.7	0.4	0.1	2.4	< 0.001	0.16	6.5	34	1.3	0.5	0.552	0.058	0.89
785613	12.5	< 0.1	0.1	0.7	0.1	< 0.1	0.8	0.004	0.21	17.6	11	3.3	0.8	0.216	0.087	0.09
785614	31.6	0.3	0.4	2.5	0.4	< 0.1	1.8	< 0.001	0.17	4.9	36	1.8	0.4	0.458	0.119	0.42
785615	31.1	< 0.1	0.1	1.0	0.1	0.2	0.6	< 0.001	0.24	15.3	15	1.5	0.6	0.332	0.061	0.66
785616	20.8	0.1	0.4	2.5	0.3	< 0.1	< 0.1	< 0.001	0.06	5.7	32	1.4	0.6	0.130	0.149	0.10
785617	21.4	< 0.1	< 0.1	0.5	< 0.1	0.4	0.4	< 0.001	0.37	7.2	6	3.2	0.7	0.206	0.052	0.66
785618	45.7	< 0.1	0.2	1.2	0.2	< 0.1	0.6	0.011	0.28	10.1	18	1.7	0.5	0.396	0.052	0.49
785619	69.6	< 0.1	0.2	1.2	0.2	0.3	0.6	< 0.001	0.53	21.0	19	4.7	1.5	0.318	0.116	0.41
785620	52.5	< 0.1	0.4	2.7	0.4	0.3	0.9	0.008	0.20	13.3	18	2.9	0.7	0.383	0.061	0.87
785621	29.7	0.3	0.4	2.5	0.4	< 0.1	0.2	0.003	0.27	16.4	32	1.3	0.7	0.465	0.064	1.54
785622	105	< 0.1	0.6	4.1	0.6	< 0.1	< 0.1	< 0.001	< 0.05	1.9	46	0.5	0.1	0.161	0.065	0.34
785629	131	0.2	0.3	1.8	0.3	< 0.1	0.3	0.001	0.10	18.2	35	1.0	0.3	0.386	0.033	0.45
785630	7.8	< 0.1	< 0.1	0.5	< 0.1	0.3	0.1	< 0.001	0.66	15.5	3	10.7	0.8	0.111	0.017	< 0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		37.0	1.57	1.04	9.19	2.76	0.98		34	48	866	4.79	1.0	10	35.0	3.6	2.5	1.3		4.11	17.5	1.56	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		33.5	1.53	1.01	8.20	2.47	0.97		26	51	869	4.98	0.7	40	34.8	3.3	2.6	1.1		3.85	17.6	1.34	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		34.0	1.52	1.01	7.92	2.54	0.99		30	45	841	4.73	0.8	90	33.5	3.6	2.9	1.2		4.04	17.7	1.42	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		34.0	1.57	1.02	8.53	2.66	1.02		35	51	894	4.96	0.9	90	36.1	3.4	2.7	1.2		4.03	17.7	1.42	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		36.7	1.68	1.02	8.37	2.72	1.10		32	49	833	4.75	0.9	60	35.2	3.6	3.1	1.2		3.85	17.4	1.48	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										253		9.20			> 5000						153		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										192		10.4			> 5000						161		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										270		9.65			> 5000						152		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										186		9.35			> 5000						155		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										182		9.56			> 5000						157		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.23		2.35			77		913	10.2			8.8	14.1		4.9			43.9	7.54	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.21		2.22			72		947	10.7			8.6	13.3		4.8			44.5	6.31	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.15		1.75			69		882	10.3			8.5	13.8		4.7			44.4	6.73	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.22		2.29			70		953	10.9			8.9	14.2		4.8			45.5	7.08	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			41.8		114		85.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			41.5		113		86.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			49.3		130		96.6
OREAS 98 (4																			45.1		121		97.2

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 98 (4 Acid) Meas																			44.6		130		97.1
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			44.1		128		97.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.5	1.34				7.87		145	157		6.77			252						56.8	0.49	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.7	1.48				7.88		149	152		6.84			259						56.4	0.53	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2130				0.93		78.9		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2020				0.91		74.3		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2180				0.82		69.8		
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 904 (4 ACID) Meas		16.7	0.03	0.61	6.99	3.39	0.04		81	62	431	6.85	4.3		43.1		7.2		0.55	3.84	85.7		4.05
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.8	0.03	0.57	6.89	3.24	0.04		79	57	399	6.37	4.8		40.3		7.1		0.64	3.84	82.4		3.92
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas		163						0.4	221	81			3.0		85.9	3.2	3.1	1.1		7.85	21.8	1.58	0.63
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		159						0.3	216	95			3.2		83.1	3.5	2.9	1.2		8.17	21.6	1.67	0.63
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas		163						0.4	221	107			3.4		81.8	3.3	3.1	1.2		7.31	23.0	1.62	0.69
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
OREAS 45d (4-Acid) Meas		22.8	0.10	0.22	8.39	0.38	0.19		129	527	489	14.6	2.7		233	1.5	0.7	0.5		3.91	29.6	0.63	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.5	0.08	0.22	9.18	0.40	0.18		109	509	473	14.1	2.1		238	1.3	1.0	0.5		3.84	28.8	0.63	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.8	0.09	0.23	8.66	0.42	0.17		183	576	491	14.6	3.6		238	1.4	0.9	0.5		4.05	30.3	0.60	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.1	0.09	0.18	7.67	0.40	0.19		175	576	474	14.1	3.6		215	1.3	0.8	0.5		3.48	28.5	0.55	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			9.65		47.9		27.1

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.0		51.8		28.7
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		33.1	0.32	1.74	7.81	2.34	0.47	0.4	94	79	964	6.29	3.8		36.5	2.9	2.2	1.0	1.83	6.91	23.5	1.36	22.7
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas		32.1	0.32	1.68	7.96	2.44	0.46	0.5	92	79	957	6.35	3.6		37.0	2.7	2.2	0.9	1.72	6.91	23.2	1.30	18.6
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.0	1.43	0.47	6.97	2.12	2.01	305	36	33	524	3.68	4.4		26.2		1.6		63.1	3.37	29.4		3.97
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		13.8	1.35	0.41	6.50	1.69	1.89	294	33	33	529	3.90	4.3		28.1		1.7		62.1	3.09	28.8		3.78
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		14.4	1.42	0.52	6.52	2.04	1.99	266	34	31	506	3.92	4.4		26.2		1.9		64.2	3.20	30.5		4.08
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.7	0.60	1.12	3.96	2.48	3.68		162	41	3870	23.5	3.0		68.0	2.0	0.8	0.7	1.26	0.59	> 500	1.92	9.01
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		15.8	0.53	1.03	3.78	2.51	3.40		162	41	3760	23.2	3.0		62.3	1.9	0.9	0.7	1.24	0.61	488	1.80	9.00
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		15.8	0.62	1.15	3.98	2.85	3.60		163	41	4180	24.6	2.9		70.3	2.0	0.8	0.7	1.32	0.61	> 500	1.75	8.71
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		16.7	0.66	1.18	4.08	3.12	4.07		180	45	4390	26.5	3.1		77.1	2.1	0.8	0.7	1.41	0.72	> 500	1.74	8.97
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8710																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8870																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8960																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8820																						
OREAS 228b (Fire Assay) Cert	8570																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 228b (Fire Assay) Meas	8370																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	519																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	525																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	529																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	518																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510																						
785614 Orig	13																						
785614 Dup	15																						
785618 Orig		13.5	> 3.00	3.35	9.13	1.01	5.56	< 0.1	164	198	1040	6.05	1.5	60	74.9	1.0	1.6	0.4	0.23	2.94	24.2	0.84	1.26
785618 Dup		13.7	> 3.00	3.19	8.95	0.97	5.29	0.1	163	205	1030	5.91	1.5	50	74.7	1.1	1.6	0.4	0.25	2.72	23.8	0.79	1.22
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	15	3	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	10	7	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	30	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	7	7	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	5	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	6	< 0.01	< 0.1	20	< 0.5	< 0.1	0.5	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	5	6	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	5	5	< 0.01	< 0.1	110	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	6	3	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	4	< 0.01	< 0.1	60	< 0.5	< 0.1	0.3	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	6	1	< 0.01	< 0.1	20	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
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Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		100	21.3	0.9	125		182	34	< 0.1			< 1	< 0.1		651	40.0	90.1		40.7	8.9	6.9	1.1	6.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		108	20.7	0.2	99.9		179	22	< 0.1			< 1	< 0.1		611	40.1	82.4		38.2	7.3	6.5	0.9	5.5
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		105	20.3	0.2	106		178	29	< 0.1			< 1	< 0.1		627	40.7	87.2		39.7	7.3	6.9	1.0	6.3
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		116	22.4	0.8	112		181	37	0.1			< 1	< 0.1		632	41.8	87.9		40.8	7.4	6.8	0.9	5.9
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		104	21.1	0.4	118		183	29	< 0.1			< 1	< 0.1		680	41.3	93.6		41.6	7.9	7.1	1.0	6.1
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				7.7																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				3.1																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				7.6																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				3.9																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				5.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						124				20.6						724	1330	122	348	47.0	36.1	4.8	26.4
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						122				19.4						749	1250	109	363	50.9	38.3	4.0	24.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						127				18.0						721	1290	119	377	42.7	38.3	4.2	25.4
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						133				20.1						769	1390	126	396	44.3	37.3	4.1	26.1
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	178	1260										181	10.5										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	175	1260										179	5.8										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	166	1440										> 200	12.6										
OREAS 98 (4	158	1360										206	20.1										

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 98 (4 Acid) Meas	164	1420										193	5.3										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	160	1420										199	5.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		65.2	12.6		1.2	13.7	140	35	1.5				0.7		104	3.0			4.4				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		63.2	12.9		2.9	15.5	145	37	1.4				0.7		106	3.5			4.9				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		141		54.7						9.87													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		135		55.9						9.93													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		127		46.4						8.67													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	3.0	24.7	17.0	102	143	33.7	28.5	153		2.18	0.2	3	1.1		221	44.5	90.2					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.9	33.1	16.4	101	139	33.0	28.2	172		2.36	0.2	3	1.4		204	42.2	85.0					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas		194	25.0	25.4	129	29.4	185	120	11.6	2.25		3	0.9		674	46.5	96.3	10.8	44.4	9.1	7.4	1.0	6.1
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		191	24.1	25.7	133	29.1	178	120	13.7	2.06		3	1.0		720	48.8	102	11.6	46.7	10.4	7.7	1.0	6.3
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas		189	25.1	26.9	115	27.6	173	116	15.1	2.23		3	1.0		673	40.0	95.9	11.1	42.8	8.7	7.3	1.0	6.2
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
OREAS 45d (4-Acid) Meas		41.8	21.2	8.3	44.0	12.2	35.3	97	0.9	0.42	< 0.1	< 1	< 0.1		195	17.2	38.4	4.0	14.7	2.9	2.3	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.8	22.7	8.2	44.6	12.2	32.4	77	0.3	0.34	< 0.1	< 1	< 0.1		183	17.3	39.1	4.1	14.9	2.9	2.4	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.1	22.8	12.5	43.4	11.7	33.1	135	5.0	0.97	0.1	1	0.2		189	16.5	37.4	4.0	14.5	3.2	2.4	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.7	19.4	11.3	35.1	10.2	29.5	132	4.5	0.91	< 0.1	1	0.2		181	14.8	34.5	3.6	14.0	2.9	2.5	0.4	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	34.2	425										57	2.9										

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	40.1	456										62	3.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	7.0	370	19.5	8.6	166	27.7	43.5	134	14.9	1.10	0.5	14	1.3		367	42.2	84.2	10.0	37.0	6.3	5.5	0.9	5.1
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas	7.3	352	19.7	9.0	162	26.8	43.7	123	14.2	1.10	0.5	13	1.3		384	40.8	82.0	9.7	35.2	6.6	5.4	0.8	4.7
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	6.3	> 10000	26.5	75.6	86.1	11.9	60.6	168	9.1	14.2	1.8	5	18.6			16.1	44.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	5.1	> 10000	24.4	70.9	67.6	11.0	66.7	175	8.7	13.1	1.5	5	25.6			18.4	43.5					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	5.0	> 10000	24.1	70.6	77.8	11.3	64.1	175	9.1	13.9	1.8	5	18.8			16.9	45.9					0.4	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.1	31.2	15.9	378	81.5	18.8	113	113	3.0	199	0.2	9	2.8	0.2		76.1	109	9.0	27.7	4.0	4.2	0.6	3.5
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.7	32.5	15.8	421	80.7	18.6	88.3	113	4.7	207	0.2	9	4.5	0.5		51.7	83.8	8.0	26.2	3.4	3.7	0.5	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.3	31.8	18.2	414	82.7	18.3	98.1	130	3.5	229	0.2	9	3.0	0.2		69.3	97.4	8.1	26.6	4.2	4.2	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.5	40.6	18.4	500	87.1	19.1	85.1	144	5.9	257	0.2	9	5.0	0.5		53.1	81.7	7.9	26.4	3.8	4.2	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
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Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785614 Orig																							
785614 Dup																							
785618 Orig	0.4	78.1	23.3	0.1	42.8	11.0	569	59	1.8	17.5	< 0.1	< 1	0.1	0.2	238	7.3	19.5	2.8	13.8	2.9	2.4	0.3	2.0
785618 Dup	0.3	75.4	22.4	1.3	41.3	10.6	546	58	2.9	18.3	< 0.1	< 1	0.1	0.2	232	7.2	18.8	2.6	13.4	2.7	2.4	0.3	2.1
Method Blank	< 0.1	0.8	0.1	0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.19	< 0.1	< 1	< 0.1	0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.5	0.1	1.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.6	0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	0.4	0.1	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	0.3	0.1	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.6	0.4	< 0.1	0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	7.5	0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.8	0.2	0.4	< 0.2	< 0.1	0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.3	1.3	0.2	1.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.5	1.2	< 0.1	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.6	< 0.2	< 0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.14	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
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Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	38.5		0.5	3.2		< 0.1	< 0.1		0.67	25.2	15	12.0	2.8	0.0763	0.056	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	28.6		0.5	3.2		< 0.1	< 0.1		0.60	23.6	15	11.9	2.6	0.117	0.057	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	29.2		0.5	3.3		< 0.1	< 0.1		0.63	25.8		12.2	2.6			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
SDC-1 Meas	32.5		0.5	3.3		< 0.1	< 0.1		0.60	23.6		12.2	2.7			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
SDC-1 Meas	31.4		0.5	3.3		< 0.1	< 0.1		0.66	23.6		12.1	2.8			
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00		12.00	3.10			
Oreas 72a (4 Acid Digest) Meas	334															1.72
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	321															1.73
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	309															
Oreas 72a (4 Acid Digest) Cert	316															
Oreas 72a (4 Acid Digest) Meas	318															
Oreas 72a (4 Acid Digest) Cert	316															
Oreas 72a (4 Acid Digest) Meas	310															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	414		2.1	13.2	1.9					22.7		35.5	348	0.341	0.114	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	399		1.8	12.7	1.7					21.2		36.9	384	0.333	0.107	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	422		1.9	12.6	1.7					22.4		37.2	390			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 101b (4 Acid) Meas	424		2.0	12.6	1.7					21.8		37.7	396			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									301						16.4
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									305						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
OREAS 98 (4 Acid) Meas	> 10000									332						
OREAS 98 (4	14800									345						

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Acid) Cert	0.0															
OREAS 98 (4 Acid) Meas	> 10000									328						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
OREAS 98 (4 Acid) Meas	> 10000									328						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	96.6			1.8						5.8	31			0.274		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	91.5			1.9						5.9						
DNC-1a Cert	100			2.0						6.3						
OREAS 13b (4-Acid) Meas	2310															1.19
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2070															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 13b (4-Acid) Meas	2160															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 904 (4 ACID) Meas	5970	0.1		3.3	0.5	0.2	1.2		0.57	11.1	11	15.2	8.9		0.087	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6010	< 0.1		3.0	0.5	0.9	2.8		0.54	10.8		15.1	8.8			
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6		14.3	8.43			
SBC-1 Meas	32.7		0.5	3.3	0.4	0.6	1.3		0.87	34.0	20	14.4	5.2	0.487		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas	29.1		0.5	3.3	0.5	1.0	1.6		0.84	33.8		15.7	5.5			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
SBC-1 Meas	29.6		0.5	3.1	0.4	1.1	1.5		0.92	38.5		12.2	5.1			
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0		15.8	5.76			
OREAS 45d (4-Acid) Meas	380			1.5	0.2	< 0.1	< 0.1		0.25	21.9	54	15.1	2.8	0.244	0.036	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	386			1.4	0.2	< 0.1	< 0.1		0.25	21.6		15.2	2.8			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 45d (4-Acid) Meas	384			1.5	0.2	0.2	0.2		0.26	22.1		14.8	2.9			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 45d (4-Acid) Meas	367			1.4	0.2	0.2	0.2		0.26	21.0		14.3	2.7			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4 Acid) Meas	> 10000									96.7						

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									99.7						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4300		0.4	2.6	0.4	1.2	4.9		0.92	84.2	14	16.7	3.2	0.422	0.067	0.73
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas	4280		0.4	2.5	0.4	1.2	5.1		0.94	83.2		16.6	3.2			
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0		16.5	3.06			
OREAS 621 (4 Acid) Meas	3620			1.0	0.2		1.7		2.30	> 5000	7	4.2	3.0	0.183	0.036	4.56
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3590			1.0	0.2		2.0		1.96	> 5000		5.5	2.7			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 621 (4 Acid) Meas	3630			1.0	0.1		1.9		2.11	> 5000		4.5	2.9			
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600		7.48	2.83			
OREAS 522 (4 Acid) Meas	8770		0.3	2.0	0.3	0.1	69.3	0.100	0.29	6.4	11	2.7	43.3	0.346	0.087	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	8340		0.3	1.9	0.3	0.3	111	0.101	0.29	7.0		2.1	43.3			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 522 (4 Acid) Meas	9090		0.3	2.0	0.3	0.1	84.3	0.086	0.29	6.5		2.1	43.8			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 522 (4 Acid) Meas	9720		0.3	2.1	0.3	0.3	124	0.088	0.29	7.5		1.9	45.3			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
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OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
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Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
785614 Orig																
785614 Dup																
785618 Orig	46.5	0.1	0.2	1.2	0.2	< 0.1	0.4	0.011	0.29	10.4	18	1.7	0.5	0.386	0.051	0.49
785618 Dup	44.9	< 0.1	0.2	1.1	0.1	0.2	0.8	0.010	0.27	9.7	18	1.6	0.5	0.407	0.052	0.50
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	14.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	0.7		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	< 0.05	1.2	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	1.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
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Quality Analysis ... *Innovative Technologies*

Report No.: **A20-13601**
Report Date: **16-Dec-20**
Date Submitted: **28-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-11-25 15:29:43

REPORT **A20-13601**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Report No.: **A20-13601**
Report Date: **16-Dec-20**
Date Submitted: **28-Oct-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-11-06 19:28:34
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2020-11-09 13:41:07

REPORT **A20-13601**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785623	6	14.2	2.86	1.89	7.84	1.16	4.10	< 0.1	137	65	840	3.05	3.1	40	24.1	1.9	1.7	0.7	0.50	3.97	22.8	1.53	0.43
785624	< 5	19.0	2.73	0.76	7.02	0.79	1.78	0.8	75	41	304	1.85	2.3	40	33.8	1.0	2.1	0.3	0.50	8.04	21.9	0.95	1.35
785625	< 5	17.3	2.82	0.68	8.37	3.76	0.97	1.8	88	56	310	2.43	3.5	30	75.1	1.2	1.0	0.4	2.20	5.70	19.0	1.16	0.96
785626	< 5	21.3	> 3.00	0.91	8.78	1.19	2.95	2.1	100	65	503	2.76	3.4	20	78.6	1.2	1.7	0.4	1.24	5.24	26.6	1.39	0.81
785627	19	33.3	> 3.00	1.30	7.62	> 5.00	3.57	1.3	108	107	688	4.80	6.8	20	91.6	2.1	4.2	0.6	0.78	14.1	32.1	1.48	98.8
785628	< 5	29.5	> 3.00	2.52	7.67	2.17	5.79	0.3	172	107	1160	5.62	5.7	120	52.6	2.8	2.6	0.9	0.53	6.99	33.7	2.11	2.47
785631	< 5	32.5	0.87	1.38	4.10	0.19	3.74	< 0.1	149	22	759	5.33	0.3	40	13.5	1.4	0.7	0.4	0.10	1.10	31.1	0.41	0.39
785632	7	1.2	> 3.00	0.04	7.59	1.98	0.10	0.2	10	10	77	3.28	3.0	40	4.1	0.4	0.9	0.1	0.22	0.68	12.1	0.13	1.93
785633	< 5	1.4	> 3.00	0.04	8.07	0.90	0.07	< 0.1	6	7	63	1.07	0.7	40	1.0	< 0.1	0.9	< 0.1	0.09	0.39	2.2	0.07	0.26
785634	8290	37.8	> 3.00	1.32	8.74	1.12	5.70	3.4	106	12	783	6.14	1.5	40	6.8	1.6	1.1	0.5	22.2	2.85	21.5	1.91	5.69
785637	57	73.5	> 3.00	0.76	8.53	0.77	2.09	< 0.1	36	37	285	2.16	2.5	30	11.9	0.3	1.2	< 0.1	0.42	10.3	6.1	0.61	0.24
785638	17	30.5	1.73	0.27	3.62	0.37	0.88	< 0.1	17	20	186	1.28	0.4	20	9.4	0.3	0.9	< 0.1	0.20	2.54	3.6	0.28	0.12
785639	18	53.4	> 3.00	0.28	7.24	0.73	1.47	< 0.1	21	15	273	1.47	1.7	110	6.2	0.3	1.6	< 0.1	0.17	9.28	3.8	0.37	0.07
785640	16	25.2	2.42	1.78	7.47	0.59	6.91	0.5	165	112	1520	7.62	0.9	50	83.0	2.5	1.0	0.8	0.48	1.15	43.5	0.96	0.74
785641	6	39.3	1.53	2.81	7.07	0.51	8.40	0.2	210	107	1660	9.62	0.6	40	82.0	2.6	1.1	0.8	0.15	0.43	48.5	0.97	0.54
785642	35	23.4	0.62	1.17	5.27	0.15	8.08	0.1	218	100	1130	6.96	0.7	60	29.2	2.8	0.3	0.8	0.35	0.58	30.5	2.07	1.80
785643	14	41.1	1.33	2.06	6.23	0.28	8.63	0.2	175	107	1450	8.62	0.6	30	54.3	2.5	0.3	0.8	0.44	0.28	60.6	0.91	1.09
785644	12	48.9	1.54	2.67	7.05	0.33	9.44	< 0.1	258	108	1700	10.00	0.7	20	47.3	2.6	0.3	0.8	0.23	0.38	53.8	0.90	0.35
785645	< 5	44.7	2.75	0.11	7.52	2.34	1.15	< 0.1	11	11	174	1.30	4.0	30	1.3	0.5	1.0	0.2	0.14	1.70	2.0	0.56	0.05
785646	6540	26.7	1.45	4.32	5.62	0.64	4.74	0.3	173	360	860	5.42	1.4	40	166	1.4	0.5	0.4	1.40	0.55	35.9	0.53	0.53

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785623	2.0	73.9	19.5	0.9	61.5	17.5	730	108	5.6	1.34	< 0.1	2	< 0.1	0.3	75	23.7	61.5	8.0	31.6	6.0	4.8	0.6	3.5
785624	1.9	232	17.1	1.5	65.9	8.8	400	77	5.7	7.29	< 0.1	1	< 0.1	0.2	406	11.7	28.6	3.7	14.8	3.1	2.3	0.3	1.7
785625	2.9	714	23.9	1.6	195	10.9	303	121	6.8	8.93	0.3	2	< 0.1	0.1	158	8.9	29.2	3.8	16.2	3.3	2.7	0.4	1.9
785626	2.7	827	29.2	0.9	98.5	10.4	594	124	6.2	8.35	0.4	2	< 0.1	0.1	131	10.3	31.0	4.4	18.1	4.0	2.9	0.4	2.0
785627	2.2	662	44.3	2.2	281	20.0	655	235	19.9	307	0.1	1	< 0.1	2.7	677	25.2	61.6	7.2	27.9	6.2	4.5	0.7	3.6
785628	2.1	166	35.1	2.5	109	25.4	924	206	6.7	2.98	< 0.1	2	< 0.1	0.3	548	34.7	87.0	10.5	41.9	8.4	6.8	0.9	4.6
785631	0.7	54.3	10.0	0.6	22.3	12.2	107	7	1.2	5.50	< 0.1	< 1	< 0.1	< 0.1	55	2.8	6.8	1.0	4.3	1.3	1.6	0.3	2.0
785632	6.3	35.3	14.8	3.3	107	3.1	77.2	72	5.7	120	< 0.1	< 1	< 0.1	0.2	66	1.0	3.1	0.4	1.7	0.5	0.5	< 0.1	0.5
785633	0.9	11.6	14.7	2.3	34.9	0.9	65.8	14	1.2	1.93	< 0.1	< 1	< 0.1	< 0.1	97	0.6	1.4	0.2	0.7	0.2	0.2	< 0.1	0.1
785634	1.2	620	25.1	0.7	32.5	17.7	512	54	5.9	4.19	< 0.1	1	< 0.1	27.9	114	28.7	74.1	9.8	40.7	7.4	5.6	0.7	3.2
785637	0.2	55.1	23.3	0.8	66.3	2.9	566	90	3.5	5.87	< 0.1	< 1	< 0.1	0.4	301	5.4	13.6	1.7	7.6	1.4	1.1	0.1	0.6
785638	0.2	27.4	10.8	1.0	24.4	2.8	218	16	2.8	0.41	< 0.1	< 1	< 0.1	< 0.1	161	7.3	15.2	1.7	6.3	1.1	0.8	< 0.1	0.5
785639	0.2	47.3	18.2	0.9	47.2	2.9	431	58	4.2	0.32	< 0.1	1	< 0.1	< 0.1	521	7.1	16.8	1.7	6.4	1.1	0.8	0.1	0.5
785640	0.5	399	20.3	0.6	17.2	21.4	461	20	1.4	1.08	< 0.1	< 1	< 0.1	< 0.1	214	6.9	16.5	2.2	9.5	2.9	3.5	0.6	3.8
785641	0.3	123	19.4	0.5	11.2	23.0	184	11	0.2	0.33	< 0.1	< 1	< 0.1	< 0.1	80	3.9	10.5	1.6	8.1	2.8	3.5	0.6	3.9
785642	1.0	45.5	19.2	0.8	5.3	25.0	159	16	0.5	0.62	0.2	2	< 0.1	< 0.1	34	6.1	14.2	1.9	9.8	3.3	4.2	0.7	4.2
785643	0.7	64.5	16.0	0.5	8.0	21.4	146	10	0.1	0.18	< 0.1	< 1	< 0.1	< 0.1	88	3.8	10.0	1.5	7.5	2.3	3.3	0.6	3.7
785644	0.5	82.0	18.5	0.7	11.2	22.2	143	12	0.2	0.23	< 0.1	< 1	< 0.1	< 0.1	61	3.6	10.0	1.5	7.6	2.6	3.3	0.6	3.9
785645	< 0.1	39.2	16.4	0.4	86.9	5.3	105	122	5.8	0.20	< 0.1	2	< 0.1	< 0.1	690	26.4	54.3	5.2	17.1	2.4	2.1	0.2	1.1
785646	0.6	76.8	12.8	56.2	23.1	11.7	86.2	45	2.2	4.86	< 0.1	< 1	0.7	0.3	231	5.4	11.3	1.4	5.8	1.6	1.9	0.3	2.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA
785623	91.5	0.1	0.3	1.9	0.3	0.4	1.5	< 0.001	1.02	15.3	17	4.2	1.4	0.422	0.133	2.65	
785624	191	0.1	0.1	1.0	0.1	0.2	0.9	0.003	1.21	19.6	11	4.4	1.6	0.232	0.049	0.68	
785625	348	0.1	0.2	1.3	0.2	0.4	0.8	0.008	2.41	807	14	4.6	2.8	0.267	0.055	1.12	
785626	393	0.1	0.2	1.2	0.2	0.5	0.8	0.008	0.99	126	17	4.5	2.1	0.316	0.069	1.29	
785627	117	0.5	0.3	2.1	0.3	4.7	0.9	0.058	2.81	55.6	11	8.4	5.1	0.208	0.059	0.90	
785628	89.7	0.3	0.4	2.6	0.4	0.5	1.3	0.001	1.33	28.9	16	8.3	2.3	0.418	0.107	1.92	
785631	213	0.1	0.2	1.4	0.2	< 0.1	0.3	0.002	0.12	3.0	26	0.3	0.1	0.266	0.031	0.34	
785632	5.8	0.1	< 0.1	0.5	< 0.1	0.5	0.1	0.048	0.80	63.0	2	20.8	26.3	0.0483	0.002	2.98	
785633	4.9	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	0.002	0.25	32.4	< 1	11.2	4.3	0.0216	< 0.001	0.52	
785634	109	0.1	0.2	1.3	0.2	0.4	4.1	0.002	0.33	30.6	9	3.4	1.6	0.511	0.136	3.21	8.87
785637	31.0	0.2	< 0.1	0.3	< 0.1	0.2	0.2	0.002	0.52	10.1	4	2.1	0.9	0.210	0.046	0.22	
785638	10.9	< 0.1	< 0.1	0.3	< 0.1	0.1	0.2	< 0.001	0.15	5.6	2	1.4	0.5	0.109	0.024	0.08	
785639	15.1	0.1	< 0.1	0.3	< 0.1	0.2	0.2	< 0.001	0.45	10.5	3	3.1	0.8	0.121	0.021	0.08	
785640	143	0.5	0.3	2.4	0.4	< 0.1	0.2	< 0.001	0.13	5.1	37	1.8	1.0	0.409	0.034	0.82	
785641	97.2	0.5	0.3	2.5	0.4	< 0.1	< 0.1	0.001	0.10	4.1	40	0.4	0.4	0.325	0.028	0.15	
785642	275	0.3	0.4	2.5	0.4	< 0.1	0.2	0.003	0.05	2.4	27	0.2	0.2	0.444	0.023	0.44	
785643	489	0.3	0.3	2.4	0.3	< 0.1	< 0.1	0.002	0.08	2.9	36	0.3	0.1	0.319	0.033	0.62	
785644	205	0.3	0.4	2.6	0.4	< 0.1	< 0.1	0.001	0.09	1.6	41	0.3	< 0.1	0.313	0.024	0.21	
785645	4.5	< 0.1	< 0.1	0.5	< 0.1	0.2	0.1	< 0.001	0.71	16.2	3	9.8	0.8	0.111	0.016	< 0.01	
785646	124	0.1	0.2	1.3	0.2	0.1	10.1	0.003	0.18	34.1	26	1.4	0.4	0.310	0.029	0.75	

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		35.8	1.54	1.03	8.39	1.11	1.06		41	52	854	4.79	1.1	40	34.2	3.6	2.8	1.3		4.40	17.9	1.50	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										179		9.41			> 5000						143		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.23		1.13			72		921	10.7			8.9	14.4		5.2			46.1	6.85	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			41.1		112		83.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.8	1.50				8.04		154	165		7.26			252						55.8	0.56	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 13b (4-Acid) Meas										> 5000					2190				0.87		75.8		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		16.4	0.04	0.60	6.73	3.76	0.04		77	61	425	6.56	4.8		42.3		9.0		0.67	3.75	84.4		4.39
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.7	0.04	0.60	7.88	2.43	0.05		79	64	416	6.70	4.9		41.9		8.6		0.65	3.59	89.4		3.95
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		21.7	0.09	0.24	8.11	0.42	0.18		118	514	493	14.7	2.4		233	1.4	0.7	0.5		3.80	29.9	0.56	0.34
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		21.4	0.09	0.19	8.22	0.42	0.18		126	559	471	15.0	2.4		227	1.3	0.7	0.4		3.67	31.0	0.55	0.30
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.0		50.3		27.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas		16.2	0.62	1.12	3.97	2.85	3.88		171	42	4020	25.3	2.9		67.6	1.9	0.7	0.6	1.33	0.61	> 500	1.82	8.60
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 228b (Fire Assay) Meas	8320																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas	490																						
Oreas E1336 (Fire Assay) Cert	510																						
785624 Orig	< 5																						
785624 Dup	< 5																						
785626 Orig		21.9	> 3.00	0.93	8.97	1.18	2.97	2.2	103	65	508	2.81	3.5	20	81.5	1.3	1.7	0.4	1.30	5.42	27.2	1.41	0.83
785626 Dup		20.6	> 3.00	0.88	8.60	1.21	2.94	2.1	98	65	499	2.70	3.4	20	75.8	1.1	1.6	0.3	1.19	5.06	26.0	1.37	0.79
785634 Orig																							
785634 Dup																							
785642 Orig	34																						
785642 Dup	36																						
785646 Orig		26.4	1.45	4.26	5.60	0.62	4.63	0.3	172	361	864	5.43	1.4	50	163	1.3	0.6	0.4	1.40	0.56	35.7	0.51	0.53
785646 Dup		27.0	1.46	4.39	5.65	0.65	4.85	0.3	173	360	855	5.41	1.5	40	168	1.4	0.5	0.4	1.40	0.54	36.1	0.54	0.54
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	9	4	< 0.01	< 0.1	30	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	6	< 0.01	< 0.1	20	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	4	< 0.01	< 0.1	40	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	3	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		107	22.3	0.1	66.6		174	40	0.7			< 1	< 0.1		680	40.9	86.3		41.2	7.9	7.2	1.1	6.4
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				5.1																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						132				19.2						792	1400	130	345	51.6	39.3	4.8	26.3
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	147	1110										172	4.7										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		66.4	15.0		3.7	16.5	150	40	1.4				1.0		115	4.1			5.5				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 13b (4-Acid) Meas		127		49.0						8.55													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.7	25.0	15.9	93.4	150	32.5	25.2	178		2.24	0.2	3	1.4		222	42.4	87.4					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.5	26.5	17.4	107	95.3	31.0	26.9	166		2.01	0.2	3	1.4		204	43.1	89.8					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		45.1	21.5	8.4	45.5	11.5	30.6	93	0.8	0.39	< 0.1	< 1	< 0.1		195	17.0	37.8	3.9	14.0	2.8	2.4	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		45.5	21.9	9.7	41.4	10.6	32.5	86	0.8	0.44	< 0.1	< 1	< 0.1		185	16.5	36.5	3.7	13.8	3.2	2.4	0.4	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	42.2	427										63	5.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas	2.5	33.6	15.4	495	80.2	17.6	68.6	110	6.1	208	0.2	9	7.9	1.1		53.1	62.3	6.3	23.0	3.8	4.0	0.6	3.2
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785624 Orig																							
785624 Dup																							
785626 Orig	2.9	842	29.9	0.5	97.2	10.6	610	125	6.3	8.97	0.4	2	< 0.1	0.1	111	10.3	31.0	4.3	18.1	4.0	2.9	0.4	2.1
785626 Dup	2.4	812	28.5	1.4	99.7	10.2	578	122	6.0	7.73	0.4	2	< 0.1	0.1	151	10.3	31.0	4.4	18.1	4.1	2.8	0.4	1.9
785634 Orig																							
785634 Dup																							
785642 Orig																							
785642 Dup																							
785646 Orig	0.6	77.0	12.6	56.0	23.0	11.6	84.5	45	2.1	4.85	< 0.1	< 1	0.7	0.3	227	5.4	11.1	1.3	5.7	1.5	1.8	0.3	2.1
785646 Dup	0.6	76.7	12.9	56.3	23.2	11.7	87.9	45	2.2	4.87	< 0.1	< 1	0.7	0.3	234	5.5	11.4	1.4	6.0	1.8	2.0	0.3	2.2
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	0.3	0.6	0.3	0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	1.1	0.2	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	1.6	0.3	1.1	< 0.2	< 0.1	0.2	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.6	0.1	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA
SDC-1 Meas	30.8		0.5	3.4		< 0.1	< 0.1		0.63	26.2	15	11.4	2.7	0.123	0.055		
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690		
Oreas 72a (4 Acid Digest) Meas	281															1.67	
Oreas 72a (4 Acid Digest) Cert	316															1.74	
OREAS 101b (4 Acid) Meas	380		2.1	13.5	1.8					23.9		33.2	368	0.351	0.116		
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35			
OREAS 98 (4 Acid) Meas	> 10000									319						16.3	
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5	
DNC-1a Meas	110			2.0						7.1							
DNC-1a Cert	100			2.0						6.3							
OREAS 13b (4-Acid) Meas	2230															1.15	
OREAS 13b (4-Acid) Cert	2327.0 000															1.2	
OREAS 904 (4 ACID) Meas	6060	0.2		3.2	0.5	0.9	2.4		0.56	11.5	12	15.0	9.2		0.104	0.06	
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630	
OREAS 904 (4 ACID) Meas	6440	0.2		3.1	0.4	0.9	2.2		0.52	11.0		14.0	8.5				
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6		14.3	8.43				
SBC-1 Meas											20			0.499			
SBC-1 Cert											20.0			0.51			
OREAS 45d (4-Acid) Meas	377			1.5	0.2	< 0.1	0.1		0.26	22.3	54	14.6	2.9	0.308	0.037	0.05	
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049	
OREAS 45d (4-Acid) Meas	368			1.4	0.2	< 0.1	0.1		0.23	20.7		13.0	2.5				
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63				
OREAS 96 (4 Acid) Meas	> 10000									100						4.27	
OREAS 96 (4 Acid) Cert	39300									101						4.19	
OREAS 923 (4 Acid) Meas											14			0.409	0.063	0.72	
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691	
OREAS 621 (4 Acid) Meas											7			0.189	0.038	4.69	
OREAS 621 (4 Acid) Cert											6.24			0.149	0.0359	4.48	
OREAS 522 (4 Acid) Meas	9090		0.3	1.9	0.3	0.5	127	0.100	0.29	10.1	11	2.7	39.6	0.351	0.086	2.39	
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50	
OREAS 229b (Fire Assay) Meas																	12.3
OREAS 229b																	11.9

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	g/tonne
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP	FA-GRA
(Fire Assay) Cert																	
OREAS 228b (Fire Assay) Meas																	
OREAS 228b (Fire Assay) Cert																	
OREAS 257b (Fire Assay) Meas																	14.2
OREAS 257b (Fire Assay) Cert																	14.2
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
785624 Orig																	
785624 Dup																	
785626 Orig	399	0.1	0.2	1.3	0.2	0.5	0.9	0.009	1.01	128	17	4.5	2.1	0.320	0.069	1.31	
785626 Dup	388	0.1	0.2	1.2	0.2	0.5	0.7	0.008	0.98	124	17	4.6	2.1	0.313	0.069	1.26	
785634 Orig																	8.84
785634 Dup																	8.91
785642 Orig																	
785642 Dup																	
785646 Orig	123	0.2	0.2	1.3	0.2	0.1	10.0	0.002	0.18	33.6	25	1.4	0.4	0.308	0.029	0.75	
785646 Dup	125	0.1	0.2	1.3	0.2	0.1	10.2	0.003	0.18	34.6	26	1.4	0.4	0.312	0.029	0.76	
Method Blank																	
Method Blank																	
Method Blank																	< 0.03
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01	
Method Blank	1.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01	
Method Blank	2.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.001	< 0.05	0.6	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01	
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1				
Method Blank											< 1			< 0.0005	< 0.001	< 0.01	
Method Blank											< 1			< 0.0005	< 0.001	< 0.01	

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-14401**
Report Date: **30-Dec-20**
Date Submitted: **11-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-12-18 12:44:47

REPORT **A20-14401**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Report No.: **A20-14401**
Report Date: **30-Dec-20**
Date Submitted: **11-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-12-07 13:21:02

REPORT **A20-14401**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785635	< 5	52.3	> 3.00	0.59	8.85	1.75	2.35	0.4	45	14	394	2.47	0.2	60	6.8	0.4	1.1	0.1	0.09	4.84	4.1	0.30	0.14
785636	< 5	33.9	2.26	2.63	8.63	0.40	9.98	0.5	196	126	2090	9.39	0.8	60	84.2	3.2	1.0	1.0	0.56	0.44	48.4	1.00	1.61
828064	30	37.0	2.08	2.81	8.14	0.58	9.44	0.6	165	124	1960	10.9	0.5	50	100	3.4	1.5	1.1	0.93	0.92	58.1	0.91	0.97
828065	180	38.3	1.88	3.14	8.69	0.60	9.50	0.6	210	124	2010	11.0	0.6	40	98.3	3.5	0.8	1.1	0.34	1.09	55.0	0.96	0.47
828066	52	26.2	> 3.00	0.84	9.25	2.45	2.28	0.6	48	29	382	2.58	3.2	40	3.3	0.3	1.0	0.1	0.38	2.90	3.0	0.57	0.26
785647	5500	15.1	1.45	3.35	6.34	0.81	6.43	0.8	179	143	4290	13.2	2.0	60	121	2.8	1.0	0.9	1.25	3.39	39.1	1.40	0.22
785648	< 5	54.3	2.91	0.17	8.21	3.50	1.30	0.4	14	11	227	1.61	0.3	60	1.7	0.8	1.3	0.2	0.13	1.92	2.1	0.61	0.08

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785635	< 0.1	55.1	21.3	1.2	74.3	3.9	431	15	2.2	1.51	< 0.1	< 1	< 0.1	< 0.1	729	4.4	12.6	1.3	5.0	0.9	0.8	0.1	0.8
785636	< 0.1	131	23.4	1.2	6.1	26.5	417	19	0.3	0.30	< 0.1	< 1	< 0.1	< 0.1	93	7.8	19.4	2.6	12.0	3.2	4.0	0.8	4.9
828064	0.4	120	21.8	1.1	16.5	27.1	301	9	0.3	0.14	< 0.1	< 1	< 0.1	< 0.1	124	4.7	12.8	1.9	9.7	3.0	3.9	0.8	5.3
828065	0.6	123	21.5	1.2	14.3	27.4	469	12	0.5	0.37	0.1	< 1	< 0.1	< 0.1	140	4.5	12.6	1.8	9.5	3.1	3.9	0.8	5.1
828066	0.2	62.3	25.8	1.6	59.3	3.1	601	118	2.0	1.02	< 0.1	< 1	< 0.1	0.5	746	12.6	26.0	2.9	10.7	1.6	1.3	0.1	0.8
785647	2.4	134	18.3	3960	26.2	26.6	282	84	2.5	3.75	< 0.1	1	5.0	0.1	217	21.4	35.8	5.5	22.4	5.4	5.4	0.9	5.1
785648	< 0.1	44.3	19.5	1.4	125	7.0	126	24	2.6	0.37	< 0.1	< 1	< 0.1	< 0.1	886	33.9	69.5	6.8	21.9	3.5	2.4	0.3	1.4

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785635	17.1	< 0.1	< 0.1	0.5	< 0.1	< 0.1	1.0	< 0.001	0.46	10.8	5	5.5	4.8	0.158	0.027	0.04
785636	135	0.2	0.5	3.0	0.4	< 0.1	0.1	< 0.001	0.06	6.0	43	0.9	3.3	0.355	0.035	0.80
828064	290	0.2	0.5	3.2	0.5	< 0.1	0.2	< 0.001	0.12	5.8	47	0.6	0.6	0.316	0.038	1.59
828065	188	0.2	0.5	3.1	0.4	< 0.1	< 0.1	< 0.001	0.11	4.7	44	0.4	0.2	0.372	0.048	0.53
828066	9.3	0.1	< 0.1	0.3	< 0.1	0.1	0.6	< 0.001	0.39	14.7	5	2.8	0.8	0.210	0.046	0.18
785647	192	0.2	0.4	2.3	0.3	< 0.1	2.0	0.003	0.17	11.5	20	4.1	1.7	0.493	0.190	2.96
785648	6.3	< 0.1	0.1	0.7	0.1	< 0.1	1.3	< 0.001	0.82	19.3	3	13.0	1.0	0.123	0.013	< 0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas										154		8.76			> 5000						138		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										242		10.0			> 5000						159		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.17		1.89			67		854	10.1			7.8	13.3		4.3			42.4	5.94	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.23		2.55			80		913	10.8			9.2	15.6		5.0			46.2	6.48	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			45.7		119		88.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			48.5		119		89.0
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.8	1.42				8.24		156	152		7.17			260						57.9	0.49	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 904 (4 ACID) Meas		16.5	0.04	0.61	7.24	3.62	0.05		84	57	420	7.19	4.8		45.0		8.2		0.68	4.10	87.7		4.43
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		20.5	0.09	0.23	7.50	0.40	0.16		100	486	440	13.0	1.5		202	1.3	0.7	0.4		3.54	26.1	0.46	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.5	0.09	0.23	8.50	0.47	0.19		133	551	484	14.6	2.5		221	1.4	0.7	0.4		3.93	29.6	0.52	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.7		46.7		28.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			12.5		50.3		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.5	0.31	1.73	7.77	2.73	0.44	0.7	93	69	968	6.59	3.9		34.6	2.8	2.3	0.9	1.85	6.61	22.8	1.13	21.2
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.8	1.36	0.52	6.86	2.04	1.86	243	34	51	522	3.53	4.7		27.3		1.8		67.8	3.44	27.5		4.19
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.7	0.67	1.21	4.13	3.17	3.99		174	38	4280	25.5	3.3		70.2	2.1	0.8	0.7	1.57	0.68	> 500	1.73	9.83

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8440																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	518																						
Oreas E1336 (Fire Assay) Cert	510																						
828064 Orig	30																						
828064 Dup	29																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	18	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	2	5	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	5	3	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	5	< 0.01	< 0.1	50	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	2	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	7	6	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	7	< 0.01	< 0.1	60	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas				6.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				15.6																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						113				14.8						699	1270	115	316	47.8	32.9	4.5	25.2
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						129				19.7						786	1420	128	354	47.2	37.0	5.0	26.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	155	1200										161	5.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	167	1220										172	4.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		67.0	14.3		2.9	15.9	143	37	1.6				0.9		110	3.5			4.5				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 904 (4 ACID) Meas	2.3	27.4	17.7	116	130	34.2	26.4	183		2.23	0.2	3	1.2		226	43.7	87.0					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		37.9	18.9	7.7	39.0	10.1	27.1	58	< 0.1	0.19	< 0.1	< 1	< 0.1		186	14.6	32.8	3.4	12.7	2.2	2.0	0.4	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.9	22.2	10.8	44.7	10.9	30.0	93	1.0	0.41	< 0.1	< 1	< 0.1		195	16.4	36.1	3.8	13.8	2.7	2.4	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	38.3	402										56	2.7										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	39.9	425										58	2.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.2	326	17.0	8.3	163	25.1	42.2	127	13.1	0.90	0.5	12	1.1		463	38.7	79.0	9.1	34.9	6.5	5.1	0.9	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	3.8	> 10000	23.9	77.7	81.4	11.9	54.6	171	7.9	12.8	1.8	5	14.0			15.3	43.3					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.1	33.4	16.9	491	91.8	18.8	75.8	126	4.2	207	0.3	8	2.8	0.4		48.8	81.0	7.7	25.5	4.6	3.9	0.6	3.7

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
828064 Orig																							
828064 Dup																							
Method Blank																							
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.4	0.3	0.8	< 0.2	< 0.1	0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.5	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.2	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid Digest) Meas	281															1.65
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	328															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	377		1.9	12.2	1.6					21.3		32.1	353	0.360	0.115	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	408		2.2	13.7	1.8					23.5		35.3	395			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									291						14.8
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									319						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	96.5			1.9						6.7	29			0.260		
DNC-1a Cert	100			2.0						6.3	31			0.29		
OREAS 904 (4 ACID) Meas	6450	0.2		3.3	0.5	0.1	1.7		0.55	11.6	11	15.4	9.2		0.101	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas											22			0.486		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	333			1.3	0.2	< 0.1	< 0.1		0.22	19.5	53	12.9	2.5	0.285	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	363			1.5	0.2	< 0.1	< 0.1		0.26	22.2		14.2	2.8			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4 Acid) Meas	> 10000									94.0						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									95.9						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4180		0.4	2.6	0.4	0.7	4.3		0.87	85.9	13	15.9	3.1	0.400	0.063	0.69
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3480			1.0	0.2		1.9		2.08	> 5000	6	3.4	3.0	0.180	0.035	4.62
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	9450		0.3	2.1	0.3	0.2	76.6	0.084	0.31	8.5		1.8	42.8			

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
828064 Orig																
828064 Dup																
Method Blank																
Method Blank	1.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-15009**
Report Date: **29-Dec-20**
Date Submitted: **23-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-12-08 16:32:01

REPORT **A20-15009**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Report No.: **A20-15009**
Report Date: **29-Dec-20**
Date Submitted: **23-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-12-18 12:44:47

REPORT **A20-15009**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785655	< 5	68.8	2.63	2.69	7.53	0.58	6.75	0.6	262	103	1340	8.10	0.9	30	79.6	2.3	1.8	0.7	0.81	3.19	41.1	1.22	2.29
785656	< 5	164	1.89	2.42	7.68	0.53	9.41	0.4	230	110	1750	10.8	0.7	30	79.4	3.9	0.6	1.1	0.24	0.24	51.2	0.97	1.34
785657	8	102	1.01	2.32	6.01	0.36	7.24	0.5	182	91	1290	7.48	0.6	40	81.1	2.1	0.4	0.6	0.34	1.98	37.0	0.57	2.67
785658	62	132	> 3.00	0.26	7.45	2.36	1.64	0.4	23	13	179	1.35	2.0	20	4.7	0.3	1.8	< 0.1	0.16	15.7	3.3	0.20	0.15
785659	8	89.0	1.42	2.68	5.93	0.40	6.84	0.5	206	91	1290	8.80	0.6	60	90.4	2.4	0.5	0.7	0.46	1.16	47.4	0.67	2.11
785660	27	94.1	1.52	2.77	6.78	0.39	8.83	0.5	285	92	1460	9.45	0.7	50	82.5	2.7	0.6	0.9	0.83	1.58	47.3	1.28	3.40
785661	20	92.1	1.72	2.98	6.47	0.46	7.47	0.6	247	98	1420	9.58	0.7	50	103	2.5	0.7	0.8	0.60	1.12	47.7	0.82	2.55
785662	< 5	108	> 3.00	0.75	6.99	1.25	2.59	0.4	58	32	362	2.91	2.3	50	19.2	0.7	1.3	0.2	0.46	10.7	9.5	0.70	0.73
785663	10	149	1.71	3.26	6.33	0.38	9.48	0.5	232	109	1610	9.45	0.8	40	82.1	3.1	0.5	0.9	0.61	1.40	41.7	0.86	3.16
785664	3430	19.5	1.75	4.13	6.41	0.50	5.63	0.5	146	261	1140	7.15	1.1	70	140	2.1	0.4	0.6	0.86	0.38	41.0	0.62	0.32
785665	< 5	47.9	2.77	0.15	8.28	2.82	1.14	0.4	12	4	196	1.46	0.3	40	0.9	0.7	1.1	0.2	0.09	2.04	1.6	0.55	0.04

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785655	0.8	98.6	24.0	1.5	30.5	20.2	> 1000	21	4.2	6.83	< 0.1	2	0.2	0.2	157	15.2	42.4	5.6	24.0	4.5	4.0	0.7	3.9
785656	0.3	84.9	21.2	1.3	14.6	31.1	264	14	0.3	0.12	< 0.1	< 1	< 0.1	< 0.1	160	5.1	14.1	2.2	10.8	3.1	4.1	0.8	5.5
785657	0.2	74.4	14.5	0.8	10.0	18.5	368	14	0.2	0.51	< 0.1	< 1	< 0.1	< 0.1	339	6.2	12.5	1.5	6.9	2.2	2.4	0.5	3.2
785658	0.1	13.8	16.5	0.8	132	2.5	166	68	1.3	0.26	< 0.1	< 1	< 0.1	< 0.1	543	3.2	8.9	0.9	3.4	0.7	0.6	< 0.1	0.4
785659	0.5	92.2	14.2	1.0	6.9	20.1	328	12	0.5	0.50	< 0.1	< 1	< 0.1	< 0.1	128	6.2	12.3	1.5	7.1	2.0	2.8	0.6	3.4
785660	0.5	91.6	18.6	1.0	7.5	23.1	441	15	0.8	0.48	< 0.1	< 1	< 0.1	< 0.1	83	155	235	17.9	50.4	5.7	4.5	0.7	4.2
785661	0.5	110	16.8	1.4	7.4	22.5	433	14	0.6	1.25	< 0.1	< 1	< 0.1	< 0.1	87	58.4	82.4	7.4	21.6	2.9	3.4	0.6	3.7
785662	0.5	27.3	15.6	1.1	53.4	6.8	394	90	8.7	32.7	< 0.1	< 1	< 0.1	< 0.1	381	28.2	61.7	6.7	24.0	3.7	2.1	0.3	1.3
785663	0.2	103	18.5	0.7	7.3	23.0	372	17	0.2	5.46	< 0.1	< 1	< 0.1	< 0.1	83	14.4	29.2	3.4	12.9	2.4	3.4	0.7	4.3
785664	0.2	82.8	14.5	25.8	16.0	16.9	93.3	33	0.2	0.93	< 0.1	< 1	0.1	< 0.1	221	4.7	11.2	1.5	7.1	1.6	2.3	0.5	3.2
785665	< 0.1	39.2	16.6	0.9	110	6.5	105	22	2.4	0.18	< 0.1	< 1	< 0.1	< 0.1	749	33.8	65.8	6.6	21.6	3.2	2.2	0.3	1.4

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785655	71.2	0.1	0.3	2.1	0.3	0.3	1.3	0.002	0.25	5.9	31	0.9	0.5	0.523	0.094	2.75
785656	97.9	0.2	0.5	3.5	0.5	< 0.1	< 0.1	< 0.001	0.20	4.4	41	0.4	1.0	0.283	0.034	0.50
785657	158	0.2	0.3	2.1	0.3	< 0.1	< 0.1	< 0.001	0.10	4.4	30	0.3	0.1	0.300	0.025	1.17
785658	69.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.5	< 0.001	0.74	2.3	2	0.8	0.7	0.103	0.019	0.15
785659	160	0.2	0.3	2.2	0.3	< 0.1	< 0.1	< 0.001	0.09	3.8	34	0.2	< 0.1	0.363	0.026	1.46
785660	218	0.3	0.4	2.4	0.4	< 0.1	0.2	< 0.001	0.10	4.8	36	0.4	0.5	0.403	0.033	1.58
785661	212	0.2	0.4	2.5	0.4	< 0.1	0.2	0.001	0.11	3.6	37	0.3	0.3	0.424	0.027	1.59
785662	161	< 0.1	< 0.1	0.6	< 0.1	0.3	0.9	0.019	0.28	4.2	6	4.0	1.7	0.218	0.061	1.31
785663	115	0.1	0.4	2.6	0.4	< 0.1	< 0.1	0.019	0.10	4.3	37	0.7	1.3	0.288	0.029	1.72
785664	146	0.3	0.3	1.9	0.3	< 0.1	0.2	0.002	0.11	20.1	33	1.0	0.3	0.277	0.030	0.45
785665	4.3	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.80	17.3	2	11.9	1.0	0.106	0.012	< 0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas										154		8.76			> 5000						138		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										242		10.0			> 5000						159		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.17		1.89			67		854	10.1			7.8	13.3		4.3			42.4	5.94	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.23		2.55			80		913	10.8			9.2	15.6		5.0			46.2	6.48	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			45.7		119		88.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			48.5		119		89.0
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.8	1.42				8.24		156	152		7.17			260						57.9	0.49	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 904 (4 ACID) Meas		16.5	0.04	0.61	7.24	3.62	0.05		84	57	420	7.19	4.8		45.0		8.2		0.68	4.10	87.7		4.43
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		20.5	0.09	0.23	7.50	0.40	0.16		100	486	440	13.0	1.5		202	1.3	0.7	0.4		3.54	26.1	0.46	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.5	0.09	0.23	8.50	0.47	0.19		133	551	484	14.6	2.5		221	1.4	0.7	0.4		3.93	29.6	0.52	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.7		46.7		28.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			12.5		50.3		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.5	0.31	1.73	7.77	2.73	0.44	0.7	93	69	968	6.59	3.9		34.6	2.8	2.3	0.9	1.85	6.61	22.8	1.13	21.2
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.8	1.36	0.52	6.86	2.04	1.86	243	34	51	522	3.53	4.7		27.3		1.8		67.8	3.44	27.5		4.19
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.7	0.67	1.21	4.13	3.17	3.99		174	38	4280	25.5	3.3		70.2	2.1	0.8	0.7	1.57	0.68	> 500	1.73	9.83

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
Oreas E1336 (Fire Assay) Meas	505																						
Oreas E1336 (Fire Assay) Cert	510																						
785656 Orig	< 5																						
785656 Dup	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	18	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	2	5	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	5	3	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	5	< 0.01	< 0.1	50	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	2	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	7	6	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	7	< 0.01	< 0.1	60	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas				6.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				15.6																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						113				14.8						699	1270	115	316	47.8	32.9	4.5	25.2
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						129				19.7						786	1420	128	354	47.2	37.0	5.0	26.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	155	1200										161	5.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	167	1220										172	4.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		67.0	14.3		2.9	15.9	143	37	1.6				0.9		110	3.5			4.5				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 904 (4 ACID) Meas	2.3	27.4	17.7	116	130	34.2	26.4	183		2.23	0.2	3	1.2		226	43.7	87.0					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		37.9	18.9	7.7	39.0	10.1	27.1	58	< 0.1	0.19	< 0.1	< 1	< 0.1		186	14.6	32.8	3.4	12.7	2.2	2.0	0.4	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.9	22.2	10.8	44.7	10.9	30.0	93	1.0	0.41	< 0.1	< 1	< 0.1		195	16.4	36.1	3.8	13.8	2.7	2.4	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	38.3	402										56	2.7										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	39.9	425										58	2.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.2	326	17.0	8.3	163	25.1	42.2	127	13.1	0.90	0.5	12	1.1		463	38.7	79.0	9.1	34.9	6.5	5.1	0.9	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	3.8	> 10000	23.9	77.7	81.4	11.9	54.6	171	7.9	12.8	1.8	5	14.0			15.3	43.3					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.1	33.4	16.9	491	91.8	18.8	75.8	126	4.2	207	0.3	8	2.8	0.4		48.8	81.0	7.7	25.5	4.6	3.9	0.6	3.7

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785656 Orig																							
785656 Dup																							
Method Blank																							
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.4	0.3	0.8	< 0.2	< 0.1	0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.5	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.2	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid Digest) Meas	281															1.65
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	328															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	377		1.9	12.2	1.6					21.3		32.1	353	0.360	0.115	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	408		2.2	13.7	1.8					23.5		35.3	395			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									291						14.8
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									319						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	96.5			1.9						6.7	29			0.260		
DNC-1a Cert	100			2.0						6.3	31			0.29		
OREAS 904 (4 ACID) Meas	6450	0.2		3.3	0.5	0.1	1.7		0.55	11.6	11	15.4	9.2		0.101	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas											22			0.486		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	333			1.3	0.2	< 0.1	< 0.1		0.22	19.5	53	12.9	2.5	0.285	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	363			1.5	0.2	< 0.1	< 0.1		0.26	22.2		14.2	2.8			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4 Acid) Meas	> 10000									94.0						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									95.9						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4180		0.4	2.6	0.4	0.7	4.3		0.87	85.9	13	15.9	3.1	0.400	0.063	0.69
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3480			1.0	0.2		1.9		2.08	> 5000	6	3.4	3.0	0.180	0.035	4.62
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	9450		0.3	2.1	0.3	0.2	76.6	0.084	0.31	8.5		1.8	42.8			

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
785656 Orig																
785656 Dup																
Method Blank																
Method Blank	1.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-15126**
Report Date: **29-Dec-20**
Date Submitted: **25-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-12-08 08:04:17

REPORT **A20-15126**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Report No.: **A20-15126**
Report Date: **29-Dec-20**
Date Submitted: **25-Nov-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

6 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-12-18 12:44:47

REPORT **A20-15126**

Notes:

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785649	8	39.9	1.69	2.94	8.22	0.48	9.98	0.4	245	90	1880	9.51	0.9	40	94.6	3.4	0.5	1.0	0.09	1.04	46.8	0.89	0.32
785650	22	36.1	2.06	2.82	7.50	0.54	8.13	0.6	247	106	1680	9.16	0.8	30	124	3.1	0.5	1.0	0.42	0.49	52.7	0.89	0.60
785651	42	25.6	2.35	2.35	7.25	0.97	6.67	1.0	234	101	1470	7.86	0.9	20	24.1	2.7	1.0	0.8	0.60	1.18	32.6	0.78	1.32
785652	16	32.2	2.72	2.01	7.75	1.37	5.47	0.7	207	86	1250	7.11	1.6	60	52.7	2.1	1.0	0.6	0.52	1.53	34.8	0.78	0.59
785653	14	48.4	2.75	0.13	7.71	2.24	1.15	0.4	11	7	189	1.39	4.7	60	1.6	0.6	1.2	0.2	0.12	1.77	1.7	0.51	0.06
785654	3550	20.3	1.93	4.43	6.81	0.53	6.10	0.5	150	306	1170	7.23	1.1	100	140	2.1	0.4	0.7	0.90	0.38	41.4	0.64	0.34

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
785649	< 0.1	86.4	19.5	0.7	7.2	26.4	208	16	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	98	4.7	12.3	1.8	9.4	2.6	3.6	0.8	4.9
785650	0.3	117	19.4	0.4	8.1	24.1	549	14	0.7	0.54	< 0.1	< 1	< 0.1	< 0.1	109	5.2	13.3	1.9	9.1	2.6	3.5	0.7	4.5
785651	0.5	205	20.1	1.2	21.1	22.0	337	21	0.7	1.06	< 0.1	< 1	< 0.1	< 0.1	403	7.5	15.5	2.0	8.8	2.5	3.0	0.6	3.9
785652	0.3	135	20.1	0.9	33.3	16.2	492	50	2.6	0.98	< 0.1	< 1	< 0.1	< 0.1	592	13.1	27.9	3.4	13.4	2.6	2.9	0.5	3.2
785653	< 0.1	37.4	16.7	1.0	102	6.1	107	151	5.9	0.31	< 0.1	2	< 0.1	< 0.1	736	27.2	56.3	5.5	18.2	2.8	2.0	0.3	1.3
785654	0.2	86.8	15.0	19.9	16.3	17.4	101	33	0.2	0.44	< 0.1	< 1	< 0.1	< 0.1	228	4.9	11.1	1.5	7.1	1.9	2.5	0.5	3.3

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
785649	58.8	0.1	0.5	3.1	0.5	< 0.1	< 0.1	< 0.001	0.06	2.0	42	0.4	0.1	0.274	0.026	0.04
785650	153	0.2	0.4	2.8	0.4	< 0.1	< 0.1	< 0.001	0.11	5.0	39	0.4	0.2	0.377	0.032	0.77
785651	92.0	0.4	0.4	2.5	0.3	< 0.1	< 0.1	< 0.001	0.15	5.7	37	1.0	0.4	0.436	0.034	0.67
785652	106	0.3	0.3	2.0	0.3	< 0.1	0.4	< 0.001	0.26	7.4	29	2.1	1.1	0.448	0.041	0.79
785653	2.6	< 0.1	< 0.1	0.6	< 0.1	0.1	< 0.1	< 0.001	0.72	17.4	2	11.0	0.9	0.108	0.017	< 0.01
785654	153	0.2	0.3	2.0	0.3	< 0.1	< 0.1	0.002	0.12	23.8	33	1.0	0.3	0.244	0.029	0.43

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas										154		8.76			> 5000						138		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										242		10.0			> 5000						159		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.17		1.89			67		854	10.1			7.8	13.3		4.3			42.4	5.94	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.23		2.55			80		913	10.8			9.2	15.6		5.0			46.2	6.48	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			45.7		119		88.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			48.5		119		89.0
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.8	1.42				8.24		156	152		7.17			260						57.9	0.49	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
OREAS 904 (4 ACID) Meas		16.5	0.04	0.61	7.24	3.62	0.05		84	57	420	7.19	4.8		45.0		8.2		0.68	4.10	87.7		4.43
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		20.5	0.09	0.23	7.50	0.40	0.16		100	486	440	13.0	1.5		202	1.3	0.7	0.4		3.54	26.1	0.46	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.5	0.09	0.23	8.50	0.47	0.19		133	551	484	14.6	2.5		221	1.4	0.7	0.4		3.93	29.6	0.52	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.7		46.7		28.6
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			12.5		50.3		28.4
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 923 (4 Acid) Meas		32.5	0.31	1.73	7.77	2.73	0.44	0.7	93	69	968	6.59	3.9		34.6	2.8	2.3	0.9	1.85	6.61	22.8	1.13	21.2
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas		15.8	1.36	0.52	6.86	2.04	1.86	243	34	51	522	3.53	4.7		27.3		1.8		67.8	3.44	27.5		4.19
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 522 (4 Acid) Meas		16.7	0.67	1.21	4.13	3.17	3.99		174	38	4280	25.5	3.3		70.2	2.1	0.8	0.7	1.57	0.68	> 500	1.73	9.83

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 228b (Fire Assay) Meas	8700																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	517																						
Oreas E1336 (Fire Assay) Cert	510																						
785652 Orig		32.2	2.77	2.04	7.79	1.34	5.36	0.6	189	82	1230	7.08	1.5	60	52.1	2.0	0.9	0.6	0.51	1.52	34.6	0.80	0.59
785652 Dup		32.3	2.67	1.98	7.72	1.41	5.57	0.7	225	89	1270	7.15	1.7	50	53.3	2.1	1.1	0.7	0.53	1.54	34.9	0.76	0.59
Method Blank	5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	18	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	2	5	< 0.01	< 0.1	80	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	5	3	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	1	3	5	< 0.01	< 0.1	50	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	2	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	7	6	< 0.01	< 0.1	60	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.4	< 1	4	7	< 0.01	< 0.1	60	2.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas 72a (4 Acid Digest) Meas				6.3																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				15.6																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						113				14.8						699	1270	115	316	47.8	32.9	4.5	25.2
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						129				19.7						786	1420	128	354	47.2	37.0	5.0	26.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	155	1200										161	5.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	167	1220										172	4.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		67.0	14.3		2.9	15.9	143	37	1.6				0.9		110	3.5			4.5				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
OREAS 904 (4 ACID) Meas	2.3	27.4	17.7	116	130	34.2	26.4	183		2.23	0.2	3	1.2		226	43.7	87.0					1.0	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		37.9	18.9	7.7	39.0	10.1	27.1	58	< 0.1	0.19	< 0.1	< 1	< 0.1		186	14.6	32.8	3.4	12.7	2.2	2.0	0.4	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		43.9	22.2	10.8	44.7	10.9	30.0	93	1.0	0.41	< 0.1	< 1	< 0.1		195	16.4	36.1	3.8	13.8	2.7	2.4	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	38.3	402										56	2.7										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	39.9	425										58	2.8										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 923 (4 Acid) Meas	5.2	326	17.0	8.3	163	25.1	42.2	127	13.1	0.90	0.5	12	1.1		463	38.7	79.0	9.1	34.9	6.5	5.1	0.9	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas	3.8	> 10000	23.9	77.7	81.4	11.9	54.6	171	7.9	12.8	1.8	5	14.0			15.3	43.3					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 522 (4 Acid) Meas	2.1	33.4	16.9	491	91.8	18.8	75.8	126	4.2	207	0.3	8	2.8	0.4		48.8	81.0	7.7	25.5	4.6	3.9	0.6	3.7

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
785652 Orig	0.3	135	19.8	1.0	33.2	16.1	496	45	1.6	0.94	< 0.1	< 1	< 0.1	< 0.1	589	13.2	27.9	3.4	13.3	2.7	2.8	0.5	3.3
785652 Dup	0.4	135	20.5	0.9	33.4	16.3	487	56	3.6	1.02	< 0.1	< 1	< 0.1	< 0.1	595	13.0	27.9	3.4	13.6	2.4	2.9	0.5	3.2
Method Blank																							
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.4	0.3	0.8	< 0.2	< 0.1	0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.09	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.5	0.3	0.5	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.7	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.3	0.2	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	0.9	0.2	0.3	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas 72a (4 Acid Digest) Meas	281															1.65
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	328															
Oreas 72a (4 Acid Digest) Cert	316															
OREAS 101b (4 Acid) Meas	377		1.9	12.2	1.6					21.3		32.1	353	0.360	0.115	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	408		2.2	13.7	1.8					23.5		35.3	395			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									291						14.8
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									319						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas	96.5			1.9						6.7	29			0.260		
DNC-1a Cert	100			2.0						6.3	31			0.29		
OREAS 904 (4 ACID) Meas	6450	0.2		3.3	0.5	0.1	1.7		0.55	11.6	11	15.4	9.2		0.101	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas											22			0.486		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	333			1.3	0.2	< 0.1	< 0.1		0.22	19.5	53	12.9	2.5	0.285	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	363			1.5	0.2	< 0.1	< 0.1		0.26	22.2		14.2	2.8			
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8		14.5	2.63			
OREAS 96 (4 Acid) Meas	> 10000									94.0						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 96 (4 Acid) Meas	> 10000									95.9						
OREAS 96 (4 Acid) Cert	39300									101						
OREAS 923 (4 Acid) Meas	4180		0.4	2.6	0.4	0.7	4.3		0.87	85.9	13	15.9	3.1	0.400	0.063	0.69
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3480			1.0	0.2		1.9		2.08	> 5000	6	3.4	3.0	0.180	0.035	4.62
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	9450		0.3	2.1	0.3	0.2	76.6	0.084	0.31	8.5		1.8	42.8			

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
785652 Orig	106	0.3	0.3	2.0	0.3	< 0.1	0.2	< 0.001	0.26	7.3	29	2.1	1.1	0.412	0.040	0.78
785652 Dup	107	0.3	0.3	2.0	0.3	0.2	0.6	< 0.001	0.26	7.4	29	2.1	1.1	0.483	0.042	0.79
Method Blank																
Method Blank	1.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			

Report No.: **A20-09188**
Report Date: **02-Oct-20**
Date Submitted: **11-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

93 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-24 09:04:21

REPORT **A20-09188**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
TT802	6	22.1	2.23	0.55	6.52	1.80	1.44	< 0.1	45	42	287	2.28	2.0	50	16.2	0.8	1.2	0.3	0.10	2.27	6.6	0.62	0.15
TT803	13	29.4	2.08	0.95	6.58	1.27	2.01	< 0.1	89	54	437	3.77	2.6	60	23.0	0.9	1.0	0.3	0.14	1.94	10.7	0.59	0.26
TT804	6	14.8	2.24	0.44	6.37	1.72	1.28	< 0.1	43	44	204	2.15	4.3	50	14.7	0.7	1.5	0.2	0.18	2.23	6.6	0.51	0.13
TT805	< 5	14.5	1.91	0.34	6.05	1.78	1.20	< 0.1	43	40	181	2.06	3.7	60	10.6	0.7	1.0	0.2	0.18	2.42	4.2	0.48	0.14
TT806	7	17.6	2.24	0.46	5.90	1.67	1.40	< 0.1	48	88	248	2.18	2.8	30	13.5	0.6	1.1	0.2	0.22	2.98	5.8	0.44	0.20
TT807	< 5	14.4	1.98	0.41	6.21	1.68	1.17	< 0.1	48	45	204	2.44	3.5	90	12.2	0.7	1.1	0.2	0.15	2.11	4.6	0.49	0.16
TT808	5	29.0	2.44	0.55	6.19	1.37	1.66	< 0.1	55	45	363	2.57	4.9	50	15.0	0.9	1.1	0.3	0.11	1.49	7.1	0.61	0.15
TT809	6	25.5	1.51	0.44	5.60	1.20	1.11	< 0.1	59	35	243	2.88	1.8	110	12.2	0.7	0.9	0.3	0.13	2.74	4.3	0.50	1.91
TT810	< 5	17.6	2.30	0.50	6.03	1.85	1.49	< 0.1	39	37	240	1.79	0.2	40	14.1	0.8	1.1	0.3	< 0.05	1.50	5.3	0.67	0.20
TT811	< 5	16.5	2.28	0.52	6.02	1.62	1.58	< 0.1	45	35	250	1.99	0.1	50	16.6	0.7	1.0	0.2	0.09	1.83	5.6	0.58	0.20
TT812	5	14.6	2.27	0.51	6.08	1.75	1.47	< 0.1	39	26	255	1.63	0.1	70	15.6	0.9	1.1	0.3	0.06	1.74	5.6	0.64	0.17
TT813	6	8.5	2.49	0.36	6.29	1.70	1.32	< 0.1	30	24	204	1.42	2.8	30	9.3	0.6	1.2	0.2	0.07	1.61	3.5	0.49	0.11
TT814	< 5	10.8	2.32	0.37	5.83	1.76	1.31	< 0.1	39	27	207	1.77	0.1	90	10.1	0.6	1.0	0.2	0.11	2.19	4.1	0.48	0.11
TT815	< 5	19.2	2.09	0.57	5.91	1.68	1.49	< 0.1	56	42	283	2.42	< 0.1	70	17.8	0.8	1.1	0.3	0.12	2.44	6.9	0.55	0.25
TT816	< 5	15.3	2.03	0.42	5.33	1.60	1.28	< 0.1	52	38	237	2.52	0.1	40	15.6	0.7	1.0	0.3	0.11	2.37	5.9	0.53	0.16
TT817	5	19.2	2.10	0.45	5.90	1.53	1.22	< 0.1	45	42	232	2.25	3.5	60	20.4	0.7	1.1	0.3	0.13	2.62	7.7	0.63	0.18
TT818	38	20.3	2.01	0.43	5.25	1.56	1.25	< 0.1	41	31	241	1.85	0.3	50	12.5	0.8	0.9	0.3	0.08	2.95	5.0	0.52	0.16
TT819	< 5	10.1	2.36	0.32	5.84	1.60	1.28	< 0.1	31	21	205	1.37	0.1	30	12.2	0.7	1.2	0.2	< 0.05	1.23	4.7	0.53	0.07
TT820	< 5	11.7	2.52	0.42	6.40	1.71	1.46	0.1	40	30	288	1.74	0.2	50	13.6	0.7	1.3	0.3	0.05	1.26	4.9	0.61	0.08
TT821	< 5	10.3	2.39	0.32	6.77	1.69	1.31	< 0.1	29	20	183	1.24	0.2	20	10.2	0.6	1.1	0.2	< 0.05	1.08	3.7	0.51	0.07
TT822	< 5	11.4	2.26	0.36	6.12	1.60	1.40	< 0.1	40	40	266	1.84	< 0.1	50	12.0	0.8	1.2	0.2	< 0.05	1.07	4.4	0.55	0.09
TT823	< 5	9.8	2.15	0.39	5.98	1.65	1.47	< 0.1	39	27	288	1.67	0.1	40	13.1	0.8	1.1	0.3	< 0.05	0.93	4.7	0.55	0.08
TT824	6	14.3	2.12	0.39	6.74	1.82	1.31	< 0.1	49	31	222	2.08	0.1	40	13.3	0.8	1.2	0.3	0.07	1.48	5.1	0.56	0.15
TT825	< 5	11.4	2.31	0.45	6.08	1.65	1.55	< 0.1	47	41	310	2.17	1.9	40	14.4	1.0	1.3	0.4	< 0.05	0.95	5.6	0.66	0.09
TT826	< 5	9.5	2.31	0.35	5.74	1.62	1.29	< 0.1	33	27	238	1.57	0.2	40	12.3	0.7	1.1	0.2	< 0.05	0.89	4.6	0.53	0.07
TT827	< 5	19.1	1.88	0.47	6.32	1.76	1.35	< 0.1	45	43	239	2.12	0.2	40	20.0	0.8	1.2	0.3	0.07	1.64	7.0	0.53	0.18
TT828	< 5	13.4	2.21	0.41	6.01	1.82	1.38	< 0.1	37	39	232	1.92	0.2	60	15.0	0.8	1.2	0.2	0.06	1.32	5.7	0.55	0.12
TT829	< 5	7.9	2.45	0.34	6.35	1.51	1.42	< 0.1	31	24	226	1.29	0.5	30	8.1	0.5	1.3	0.2	< 0.05	1.06	3.3	0.48	0.07
TT830	< 5	12.6	2.47	0.42	6.21	1.69	1.46	< 0.1	42	33	317	2.12	0.2	20	12.5	0.9	1.2	0.3	< 0.05	1.08	4.7	0.57	0.09
TT831	< 5	11.5	2.29	0.38	6.22	1.58	1.49	< 0.1	37	30	242	1.61	0.5	40	11.2	0.8	1.2	0.3	< 0.05	0.96	4.4	0.60	0.08
TT832	< 5	11.4	2.35	0.39	5.89	1.63	1.46	< 0.1	40	26	276	1.81	< 0.1	40	11.5	0.8	1.3	0.3	0.07	1.00	4.4	0.61	0.08
TT833	< 5	13.1	2.03	0.38	6.11	1.88	1.26	< 0.1	43	33	211	2.05	0.2	40	12.6	0.6	1.1	0.2	0.07	2.50	4.4	0.50	0.10
TT834	< 5	9.2	2.08	0.34	5.93	1.69	1.45	< 0.1	32	36	218	1.59	0.2	30	14.2	0.7	1.2	0.3	< 0.05	1.24	4.9	0.63	0.07
TT835	< 5	11.9	2.17	0.36	6.19	1.80	1.36	< 0.1	31	29	232	1.55	0.4	20	13.6	0.7	1.2	0.2	0.06	1.08	4.9	0.52	0.07
TT836	< 5	13.6	2.22	0.26	6.34	1.61	1.20	< 0.1	31	26	184	1.42	0.6	70	10.1	0.6	1.1	0.2	0.06	1.02	3.7	0.44	0.09
TT837	< 5	15.1	2.24	0.31	7.40	2.00	1.26	< 0.1	38	35	201	1.76	3.5	80	14.5	0.6	1.3	0.2	0.07	1.05	5.2	0.50	0.11
TT838	< 5	14.0	2.30	0.32	7.37	2.04	1.39	< 0.1	36	31	239	1.70	0.3	80	13.0	0.8	1.3	0.2	< 0.05	0.91	4.8	0.52	0.10
TT839	< 5	11.6	2.61	0.31	7.28	2.14	1.39	< 0.1	34	24	232	1.61	0.7	50	10.6	0.6	1.3	0.2	0.05	1.00	4.3	0.46	0.08
TT840	< 5	18.3	2.05	0.31	6.99	1.43	1.21	< 0.1	42	33	187	2.12	2.1	50	14.9	0.7	1.1	0.2	0.09	1.09	5.7	0.43	0.14
TT841	< 5	14.4	2.10	0.27	6.88	1.58	1.14	< 0.1	38	33	183	1.89	0.4	70	12.9	0.7	1.3	0.2	0.05	1.10	5.3	0.47	0.10
TT842	< 5	13.5	2.27	0.29	6.94	1.54	1.24	< 0.1	34	29	198	1.78	1.1	90	13.0	0.7	1.3	0.2	0.06	0.96	5.1	0.51	0.10
TT843	6	12.9	2.27	0.29	6.98	1.66	1.31	< 0.1	32	27	194	1.50	0.1	60	13.2	0.7	1.3	0.2	0.05	0.82	5.2	0.52	0.08
TT844	5	13.3	2.26	0.26	6.22	1.62	1.14	< 0.1	33	26	186	1.70	0.4	50	10.7	0.6	1.0	0.2	0.08	1.50	3.9	0.42	0.09
TT845	5	12.7	2.55	0.31	6.92	1.74	1.34	< 0.1	32	30	210	1.38	3.2	60	11.4	0.7	1.3	0.2	0.07	1.29	4.2	0.53	0.09
TT846	6	12.7	2.12	0.27	6.57	1.46	1.21	< 0.1	35	40	184	1.74	2.5	50	10.8	0.5	1.2	0.2	0.17	1.53	4.6	0.43	0.09
TT847	5	20.3	2.14	0.28	6.67	< 0.01	1.22	< 0.1	46	29	202	2.35	3.8	110	11.6	0.6	1.1	0.2	0.11	1.70	4.7	0.44	0.25
TT848	6	26.7	1.97	0.36	7.02	< 0.01	1.16	< 0.1	59	48	249	3.09	3.3	120	15.7	0.6	1.3	0.2	0.14	2.24	6.4	0.45	0.36
TT849	6	12.1	2.38	0.37	6.33	1.99	1.57	< 0.1	80	35	232	2.35	3.4	70	11.3	0.6	0.9	0.2	0.06	1.64	4.5	0.39	0.48
TT850	12	14.8	2.18	0.40	5.52	1.52	1.30	< 0.1	56	107	249	2.76	5.2	50	10.2	0.8	1.0	0.2	0.05	2.13	4.1	0.46	0.37
TT851	5	17.2	2.08	0.37	6.39	1.57	1.25	< 0.1	49	40	235	2.44	3.1	40	11.3	0.7	1.2	0.2	0.10	1.57	4.5	0.53	0.13
LS19	16	20.1	1.64	0.36	6.08	1.62	0.99	< 0.1	49	37	179	2.52	0.1	90	12.5	0.8	1.0	0.3	0.07	2.05	4.7	0.65	0.21

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS20	6	22.0	1.67	0.40	7.29	1.49	1.01	< 0.1	43	50	199	2.42	4.9	110	15.8	1.0	1.2	0.4	0.09	1.90	6.4	0.88	0.14
LS21	5	31.0	2.32	0.48	6.30	1.69	1.27	< 0.1	37	31	218	1.59	0.9	60	12.6	0.8	0.9	0.2	< 0.05	2.66	4.3	0.49	0.36
LS23	< 5	17.3	2.19	0.49	6.17	1.87	1.45	< 0.1	38	30	253	1.67	0.2	40	14.7	1.1	1.1	0.3	< 0.05	1.38	5.4	0.76	0.17
LS24	< 5	20.2	2.27	0.63	6.74	2.01	1.62	< 0.1	21	41	356	2.20	2.1	30	22.5	1.2	1.2	0.4	0.07	2.35	7.5	0.89	0.14
LS25	5	17.3	2.31	0.43	6.60	1.72	1.37	< 0.1	26	36	225	1.80	2.4	90	24.1	0.8	1.1	0.3	0.19	1.49	8.6	0.61	0.17
LS26	< 5	18.5	1.79	0.33	6.09	1.59	1.04	< 0.1	38	39	190	2.42	3.3	40	14.5	0.7	0.9	0.2	0.14	2.05	5.7	0.43	0.20
LS28	6	39.8	2.29	0.70	6.80	1.86	1.53	< 0.1	22	55	354	2.72	3.3	40	40.0	1.7	1.4	0.6	0.10	4.07	12.3	1.22	0.20
LS29	6	95.8	2.83	0.79	7.43	0.75	2.31	< 0.1	46	27	442	4.02	2.2	60	68.4	1.6	1.4	0.6	0.34	5.79	24.5	1.44	0.50
LS30	5	142	2.10	0.69	7.71	0.91	2.30	< 0.1	78	33	740	4.65	1.4	80	30.1	1.0	1.1	0.4	0.29	2.97	34.6	1.17	0.45
LS31	< 5	13.9	2.42	0.41	6.27	1.81	1.42	< 0.1	34	23	256	1.44	0.1	40	14.8	0.8	1.1	0.3	< 0.05	1.36	5.2	0.58	0.11
LS32	< 5	17.8	1.98	0.33	6.02	1.71	1.18	< 0.1	30	37	239	1.94	0.4	70	13.1	0.7	1.0	0.2	0.05	2.14	5.2	0.52	0.19
LS34	< 5	28.9	2.19	0.48	6.14	1.56	1.39	< 0.1	27	33	241	2.06	0.7	40	14.9	0.9	1.1	0.3	< 0.05	1.42	6.2	0.66	0.11
LS35	< 5	15.5	1.79	0.33	5.70	1.69	1.03	< 0.1	28	39	178	1.75	4.1	80	11.6	0.8	1.0	0.3	< 0.05	1.98	3.9	0.52	0.13
LS45	5	22.6	2.10	0.39	6.34	1.43	1.26	< 0.1	28	35	209	1.93	3.4	30	13.6	0.6	0.9	0.2	< 0.05	1.68	5.3	0.47	0.20
LS46	< 5	19.7	2.22	0.41	6.24	1.81	1.45	< 0.1	33	25	217	1.27	< 0.1	50	14.1	0.9	1.1	0.3	< 0.05	1.37	4.4	0.64	0.10
LS47	< 5	24.2	2.10	0.74	6.54	1.67	1.98	< 0.1	84	49	439	3.25	1.1	60	23.6	1.5	1.2	0.5	< 0.05	1.58	13.3	0.94	0.27
LS48	< 5	16.4	2.01	0.38	6.94	1.78	1.25	< 0.1	41	39	209	2.15	0.1	60	14.6	0.8	1.4	0.3	< 0.05	1.54	5.5	0.58	0.15
LS49	< 5	20.6	1.99	0.37	6.04	1.58	1.27	< 0.1	42	35	234	1.98	0.3	80	13.2	0.7	1.1	0.3	0.21	1.56	5.1	0.57	0.51
LS50	< 5	18.1	2.12	0.38	6.28	1.60	1.20	< 0.1	25	34	200	1.84	2.7	60	10.7	0.6	1.0	0.2	< 0.05	2.23	4.6	0.50	0.18
LS51	< 5	66.9	2.41	1.12	7.24	0.73	1.88	< 0.1	38	37	424	4.10	2.2	30	28.6	0.8	1.0	0.3	< 0.05	1.58	15.2	0.70	0.14
SA05	< 5	31.7	2.16	0.55	7.38	1.69	1.38	< 0.1	46	44	243	2.34	4.5	60	32.7	1.0	1.2	0.4	0.06	2.69	9.2	0.75	0.23
SA06	6	38.2	2.02	0.56	7.46	1.37	1.41	0.1	35	43	255	2.56	3.3	50	23.8	0.7	1.3	0.3	< 0.05	2.89	8.9	0.55	0.34
SA09	< 5	22.0	2.19	0.49	6.29	1.82	1.47	< 0.1	41	31	249	1.68	0.7	60	14.9	1.0	1.3	0.4	0.06	2.26	4.5	0.73	0.36
SA10	7	23.5	2.00	0.35	7.39	1.54	1.25	< 0.1	54	38	198	2.47	0.1	100	11.6	0.8	1.1	0.3	0.08	2.51	4.5	0.60	0.22
SA11	19	38.3	2.70	0.78	7.42	1.19	2.14	< 0.1	28	26	317	2.56	2.3	60	16.4	0.7	1.0	0.3	< 0.05	1.49	6.1	0.71	1.02
SA13	7	24.2	1.73	0.43	6.94	1.76	1.15	< 0.1	42	39	203	2.63	0.8	70	17.6	0.8	1.1	0.3	0.06	2.97	7.5	0.56	0.18
SA14	12	26.2	2.00	0.58	6.84	1.28	1.56	0.1	43	41	305	3.56	2.7	30	15.1	0.7	1.0	0.2	0.10	1.60	8.3	0.49	0.36
SA16	< 5	59.2	2.16	0.75	7.47	1.14	1.65	< 0.1	78	42	326	3.78	3.1	20	25.4	0.8	1.1	0.3	0.11	2.06	12.6	0.49	0.24
SA18	15	36.6	2.21	0.81	6.58	1.61	1.93	< 0.1	38	44	361	2.54	3.4	50	68.2	1.3	1.3	0.5	< 0.05	2.49	29.1	0.95	0.24
SA34	13	26.2	1.59	0.62	6.04	1.51	1.25	< 0.1	62	74	230	2.53	0.3	80	33.9	0.8	1.0	0.3	0.08	3.08	9.7	0.53	0.24
SA35	< 5	28.7	1.92	0.56	5.86	1.68	1.32	< 0.1	45	58	258	2.06	0.1	70	18.4	0.7	1.1	0.3	0.09	5.36	6.3	0.54	0.21
SA36	< 5	25.5	2.14	0.44	6.16	1.81	1.35	< 0.1	32	29	206	1.48	0.3	60	15.4	0.8	1.0	0.3	0.08	2.55	4.7	0.60	0.14
SA37	5	80.0	2.17	0.96	6.73	0.90	1.75	< 0.1	23	51	289	3.22	1.6	50	35.2	0.7	1.0	0.3	0.05	1.43	11.3	0.65	0.17
SA19	< 5	17.7	1.99	0.49	6.59	1.91	1.25	< 0.1	25	40	227	2.07	0.5	60	18.8	0.9	1.3	0.3	0.23	2.44	7.2	0.64	0.11
SA20	< 5	23.3	2.36	0.63	6.87	1.72	1.61	< 0.1	32	38	307	2.28	2.9	40	25.7	1.0	1.3	0.3	0.07	1.77	10.3	0.70	0.16
SA21	8	25.4	2.25	0.63	6.19	1.78	1.67	< 0.1	39	33	310	2.27	2.3	60	23.0	0.9	1.1	0.3	0.09	2.38	9.1	0.67	0.23
SA22	9	62.6	2.22	1.05	6.91	1.20	2.29	< 0.1	44	53	465	3.25	2.7	40	32.6	1.2	1.5	0.4	0.05	2.57	16.9	0.82	0.49
SA25	< 5	25.2	2.45	0.59	7.44	1.69	1.54	< 0.1	34	34	254	1.85	4.2	60	17.8	0.8	1.2	0.3	< 0.05	1.54	6.2	0.63	0.29
SA26	5	29.3	2.32	0.60	7.05	1.90	1.45	< 0.1	33	30	246	2.16	0.4	50	16.4	0.8	1.1	0.3	< 0.05	1.39	6.5	0.66	0.50
SA44	5	34.9	1.77	0.40	6.09	1.83	1.27	< 0.1	40	40	225	2.27	0.3	70	20.0	0.8	1.0	0.3	0.11	2.92	7.0	0.55	0.16
SA50	< 5	38.0	2.30	0.84	7.07	0.97	2.08	0.1	25	55	280	2.89	1.8	50	29.9	0.8	1.1	0.2	< 0.05	1.73	6.7	0.41	1.30
SA51	< 5	37.0	1.99	0.54	7.71	1.55	1.29	< 0.1	38	47	259	2.78	2.9	40	27.1	0.9	1.3	0.3	< 0.05	2.54	8.3	0.65	0.21

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
TT802	0.3	30.1	14.1	2.3	55.2	8.0	328	115	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	518	19.5	45.3	4.2	16.4	2.7	2.2	0.2	1.6
TT803	0.5	41.7	17.0	3.1	45.8	9.0	313	101	2.2	2.50	< 0.1	< 1	< 0.1	< 0.1	426	13.8	29.0	3.1	12.7	2.4	2.0	0.2	1.6
TT804	0.3	23.9	13.6	2.0	58.8	6.8	308	162	5.0	0.72	< 0.1	< 1	< 0.1	< 0.1	521	13.0	28.1	2.8	11.2	1.8	1.6	0.2	1.3
TT805	0.5	19.6	15.4	2.4	61.6	6.4	306	150	5.1	1.17	< 0.1	< 1	0.1	0.1	538	12.8	27.5	3.0	11.1	2.0	1.6	0.2	1.2
TT806	0.1	24.8	15.9	2.2	68.9	5.7	325	111	5.2	1.05	< 0.1	< 1	< 0.1	< 0.1	544	10.3	25.3	2.4	9.0	1.7	1.3	0.2	1.0
TT807	0.4	19.6	15.0	2.8	57.7	6.3	292	134	5.3	1.32	< 0.1	< 1	< 0.1	< 0.1	538	12.7	27.8	3.0	11.7	1.9	1.6	0.2	1.2
TT808	0.2	28.3	14.8	1.8	47.6	8.7	414	201	5.4	1.26	< 0.1	< 1	< 0.1	< 0.1	525	21.0	46.6	4.9	19.1	2.7	2.3	0.3	1.7
TT809	0.4	45.4	17.9	1.9	46.5	6.8	259	98	1.1	9.24	< 0.1	< 1	< 0.1	< 0.1	453	15.2	33.3	3.6	13.4	2.3	1.9	0.2	1.3
TT810	0.2	24.7	13.8	2.0	55.7	8.2	334	9	1.3	1.13	< 0.1	< 1	< 0.1	< 0.1	560	14.9	31.7	3.6	14.6	2.4	2.1	0.3	1.6
TT811	0.3	22.5	14.7	1.7	53.5	7.1	317	12	1.1	1.61	< 0.1	< 1	< 0.1	< 0.1	519	14.4	31.3	3.3	13.0	2.4	1.8	0.2	1.3
TT812	< 0.1	22.2	13.4	3.9	56.2	8.4	347	9	1.0	0.86	< 0.1	< 1	< 0.1	< 0.1	537	17.2	36.4	4.1	16.3	2.7	2.2	0.3	1.6
TT813	0.2	14.8	13.4	1.9	57.6	5.6	352	102	2.4	0.55	< 0.1	< 1	< 0.1	< 0.1	564	10.6	29.4	2.6	10.2	1.7	1.5	0.2	1.0
TT814	0.2	18.0	15.4	3.8	65.3	5.7	333	5	1.5	0.62	< 0.1	< 1	< 0.1	< 0.1	562	10.9	25.5	2.6	10.1	1.5	1.3	0.2	1.0
TT815	0.2	28.5	16.0	2.7	60.4	7.6	327	7	1.5	1.05	< 0.1	< 1	< 0.1	< 0.1	550	12.9	28.9	3.1	12.4	2.1	1.9	0.2	1.4
TT816	0.3	23.6	15.1	2.8	62.0	7.4	315	8	2.3	0.92	< 0.1	< 1	< 0.1	< 0.1	573	14.1	31.8	3.3	13.2	2.2	1.8	0.2	1.3
TT817	0.3	23.8	13.9	2.4	58.9	7.5	312	140	4.8	0.80	< 0.1	< 1	< 0.1	< 0.1	555	15.7	35.0	3.6	14.0	2.6	2.1	0.2	1.4
TT818	0.2	23.3	14.6	1.2	58.6	7.4	303	22	0.5	0.52	< 0.1	< 1	< 0.1	< 0.1	551	14.7	32.6	3.6	14.1	2.0	1.8	0.2	1.3
TT819	0.2	19.3	13.6	1.7	64.3	6.4	370	6	1.3	0.22	< 0.1	< 1	< 0.1	< 0.1	564	11.3	25.0	2.8	10.9	2.1	1.6	0.2	1.2
TT820	0.4	28.9	14.7	2.1	61.3	7.4	364	10	1.7	0.39	< 0.1	< 1	< 0.1	< 0.1	575	12.9	29.1	3.3	13.0	2.4	2.0	0.2	1.3
TT821	0.2	27.0	12.9	1.6	58.7	5.4	357	5	1.2	0.20	< 0.1	< 1	< 0.1	< 0.1	563	10.8	24.8	2.8	11.0	1.8	1.3	0.2	1.0
TT822	0.3	25.2	13.8	1.9	55.8	7.1	337	6	1.1	0.25	< 0.1	< 1	< 0.1	< 0.1	516	14.3	31.4	3.4	13.4	2.4	1.7	0.2	1.3
TT823	0.2	20.7	13.4	1.5	54.3	7.2	341	7	1.5	0.22	< 0.1	< 1	< 0.1	< 0.1	508	12.3	28.9	3.1	12.1	2.2	1.8	0.2	1.4
TT824	0.4	22.6	15.1	2.1	56.1	7.6	307	5	1.1	0.41	< 0.1	< 1	0.1	< 0.1	537	14.3	30.9	3.5	13.8	2.3	1.8	0.2	1.5
TT825	0.3	25.2	13.9	1.8	53.5	9.6	345	67	3.2	0.25	< 0.1	< 1	< 0.1	< 0.1	514	24.2	54.3	6.1	23.1	3.8	2.9	0.3	1.9
TT826	0.2	21.9	12.8	2.4	54.0	6.6	329	7	0.4	0.17	< 0.1	< 1	< 0.1	< 0.1	520	10.6	24.7	2.6	10.6	1.5	1.5	0.2	1.2
TT827	0.4	33.6	13.2	2.4	54.7	7.3	306	17	1.3	0.41	< 0.1	< 1	< 0.1	< 0.1	520	17.4	35.4	3.8	15.0	2.0	1.9	0.2	1.3
TT828	0.2	25.4	13.5	1.8	57.4	6.7	333	17	1.5	0.30	< 0.1	< 1	< 0.1	< 0.1	546	11.4	25.3	2.8	11.0	1.7	1.6	0.2	1.3
TT829	0.2	17.3	14.2	1.4	58.8	5.1	348	16	1.6	0.19	< 0.1	< 1	< 0.1	< 0.1	525	6.5	14.7	1.7	7.3	1.3	1.1	0.2	0.9
TT830	0.1	28.5	14.0	1.5	58.6	7.7	359	17	1.7	0.20	< 0.1	< 1	< 0.1	< 0.1	551	16.3	36.4	4.0	16.4	2.2	2.0	0.2	1.5
TT831	0.2	22.0	13.5	1.7	56.2	7.5	345	18	1.1	0.19	< 0.1	< 1	< 0.1	< 0.1	515	15.4	34.0	3.7	14.2	2.3	1.9	0.2	1.4
TT832	0.3	24.9	14.1	2.2	57.9	7.6	341	3	0.7	0.26	< 0.1	< 1	< 0.1	< 0.1	492	14.8	31.9	3.6	13.9	2.5	1.8	0.2	1.4
TT833	0.2	23.3	14.5	2.1	63.0	6.1	317	12	1.0	0.73	< 0.1	< 1	< 0.1	< 0.1	528	12.2	27.2	2.8	11.2	1.7	1.5	0.2	1.1
TT834	0.3	16.1	12.2	1.4	55.6	7.2	338	14	0.4	0.20	< 0.1	< 1	< 0.1	< 0.1	520	16.6	40.0	3.9	15.1	2.5	2.0	0.2	1.5
TT835	0.2	22.4	13.2	2.7	58.8	6.8	334	36	1.0	0.18	< 0.1	< 1	< 0.1	< 0.1	522	12.4	29.6	3.0	11.9	2.0	1.6	0.2	1.3
TT836	0.2	19.0	10.9	< 0.1	36.7	5.5	283	50	2.1	0.29	< 0.1	< 1	< 0.1	< 0.1	525	10.8	23.3	2.6	10.7	1.8	1.5	0.2	1.1
TT837	0.6	15.0	11.4	0.5	42.1	6.6	307	141	4.9	0.34	< 0.1	< 1	0.1	< 0.1	562	11.6	24.9	2.8	11.3	2.1	1.6	0.2	1.4
TT838	0.6	18.0	11.1	1.1	39.8	7.4	325	36	2.1	0.35	< 0.1	< 1	< 0.1	< 0.1	590	12.0	27.9	3.0	12.6	2.0	1.9	0.2	1.4
TT839	0.4	15.8	12.2	< 0.1	43.4	5.7	346	56	2.7	0.34	< 0.1	< 1	< 0.1	< 0.1	582	10.1	21.6	2.4	10.3	1.6	1.5	0.2	1.1
TT840	0.3	20.8	13.0	0.5	33.1	6.0	280	105	4.3	0.42	< 0.1	< 1	0.1	< 0.1	524	8.4	18.1	2.1	8.7	1.5	1.3	0.2	1.1
TT841	0.4	16.0	12.0	0.1	33.5	5.9	294	48	3.2	0.35	< 0.1	< 1	< 0.1	< 0.1	535	10.1	22.0	2.4	9.9	2.0	1.5	0.2	1.2
TT842	0.4	12.6	9.6	1.3	32.4	6.6	305	89	2.4	0.33	< 0.1	< 1	< 0.1	< 0.1	535	11.8	26.8	3.0	12.4	2.1	1.8	0.2	1.3
TT843	0.5	15.9	11.3	0.6	33.5	6.5	327	17	1.3	0.31	< 0.1	< 1	< 0.1	< 0.1	542	11.2	24.6	2.7	11.6	1.9	1.6	0.2	1.4
TT844	0.4	15.9	12.3	< 0.1	35.4	5.2	318	23	2.2	0.78	< 0.1	< 1	< 0.1	< 0.1	520	9.0	22.4	2.2	9.5	1.5	1.3	0.2	0.9
TT845	0.5	18.1	13.3	< 0.1	37.1	7.0	355	143	5.0	2.18	< 0.1	< 1	< 0.1	< 0.1	539	14.3	30.9	3.6	14.2	2.5	1.9	0.2	1.3
TT846	0.5	14.7	11.9	< 0.1	33.9	5.1	323	104	4.6	0.86	< 0.1	< 1	< 0.1	< 0.1	497	8.6	20.2	2.0	8.8	1.6	1.3	0.2	1.1
TT847	0.7	18.9	14.8	1.8	33.9	5.7	312	151	5.1	3.40	< 0.1	< 1	< 0.1	< 0.1	501	10.7	28.6	2.6	10.7	1.7	1.6	0.2	1.1
TT848	0.8	23.6	13.7	0.4	37.7	6.5	280	131	6.6	1.70	< 0.1	< 1	0.1	< 0.1	458	10.9	23.1	2.5	10.4	1.6	1.5	0.2	1.2
TT849	0.4	17.4	18.9	< 0.1	34.4	5.5	334	137	2.9	1.58	< 0.1	< 1	< 0.1	< 0.1	501	9.0	20.7	2.2	8.8	1.8	1.3	0.2	1.0
TT850	0.4	22.3	18.6	2.0	50.9	6.7	305	204	1.0	0.67	< 0.1	< 1	< 0.1	< 0.1	535	15.2	34.5	3.4	12.9	2.5	1.8	0.2	1.3
TT851	0.4	24.7	13.7	1.9	51.9	6.2	307	116	5.1	0.77	< 0.1	< 1	< 0.1	< 0.1	495	12.1	26.8	2.9	12.1	2.0	1.6	0.2	1.2
LS19	0.7	26.3	13.4	3.0	49.9	7.4	241	9	1.4	1.76	< 0.1	< 1	< 0.1	< 0.1	487	18.5	39.3	4.1	16.0	2.7	2.2	0.3	1.5

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS20	0.9	22.1	11.4	3.2	45.6	9.4	243	189	5.0	1.80	< 0.1	< 1	0.1	< 0.1	428	23.4	52.6	5.6	22.0	4.2	2.9	0.4	2.1
LS21	0.3	36.2	15.5	3.1	53.9	6.3	315	65	0.4	0.45	< 0.1	< 1	< 0.1	< 0.1	566	13.8	29.4	3.2	12.4	1.9	1.6	0.2	1.1
LS23	0.3	25.9	13.1	1.8	56.1	9.6	338	10	0.4	0.49	< 0.1	< 1	< 0.1	< 0.1	562	19.3	41.8	4.8	19.4	3.2	2.6	0.3	1.9
LS24	0.2	33.0	13.9	1.3	63.3	12.1	331	91	0.3	< 0.05	< 0.1	< 1	< 0.1	< 0.1	601	24.8	49.8	6.0	24.2	4.1	3.1	0.4	2.3
LS25	0.2	21.1	13.7	3.1	52.2	7.2	314	100	0.2	0.29	< 0.1	< 1	< 0.1	< 0.1	508	15.5	32.8	3.7	14.5	2.5	1.9	0.2	1.4
LS26	0.4	20.8	15.3	2.2	49.8	5.9	264	128	0.2	0.53	< 0.1	< 1	< 0.1	< 0.1	485	11.8	26.0	2.6	10.3	1.9	1.4	0.2	1.1
LS28	0.2	38.9	14.7	1.7	58.1	16.6	321	128	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	593	36.5	77.8	9.3	37.2	5.8	4.5	0.6	3.2
LS29	0.5	46.1	18.2	1.8	29.2	15.1	481	90	< 0.1	0.23	< 0.1	< 1	< 0.1	< 0.1	573	35.6	75.6	10.5	44.2	6.3	4.8	0.5	2.9
LS30	0.5	38.3	18.2	2.9	20.1	9.7	415	70	0.5	1.21	< 0.1	< 1	< 0.1	< 0.1	560	31.6	73.6	8.4	35.2	5.4	3.7	0.4	2.1
LS31	0.2	21.7	12.4	2.2	52.5	7.5	319	8	0.7	0.42	< 0.1	< 1	< 0.1	< 0.1	522	15.3	33.6	3.7	15.8	2.5	2.1	0.3	1.5
LS32	0.3	22.3	13.9	2.0	53.4	7.1	289	37	0.4	0.13	< 0.1	< 1	< 0.1	< 0.1	537	14.6	35.2	3.3	13.6	2.3	1.8	0.2	1.4
LS34	0.2	26.5	13.6	1.4	49.1	9.1	348	36	0.4	0.09	< 0.1	< 1	< 0.1	< 0.1	523	19.9	38.8	4.4	17.9	2.5	2.3	0.3	1.5
LS35	0.3	20.8	14.8	5.7	50.4	6.7	258	161	0.1	0.12	< 0.1	< 1	< 0.1	< 0.1	508	14.5	30.0	3.2	12.9	2.3	1.7	0.2	1.3
LS45	0.3	19.3	15.0	1.8	43.8	6.3	295	127	0.2	0.10	< 0.1	< 1	< 0.1	< 0.1	511	13.4	27.8	3.0	12.0	2.0	1.6	0.2	1.2
LS46	0.2	22.5	13.3	1.3	53.1	8.1	327	23	1.3	0.37	< 0.1	< 1	< 0.1	< 0.1	528	14.6	32.0	3.6	15.0	2.7	2.1	0.3	1.6
LS47	0.3	44.8	15.4	2.0	49.0	14.1	294	69	0.4	0.39	< 0.1	< 1	< 0.1	< 0.1	458	21.7	48.4	5.5	22.8	3.9	3.6	0.4	2.7
LS48	0.4	20.0	13.1	2.9	50.9	7.1	292	5	1.2	0.53	< 0.1	< 1	< 0.1	< 0.1	476	17.2	45.4	3.9	16.0	2.6	2.0	0.2	1.4
LS49	1.0	26.4	13.7	3.5	50.1	6.5	306	18	1.1	0.63	< 0.1	1	< 0.1	< 0.1	468	13.7	31.2	3.1	12.2	2.4	1.8	0.2	1.2
LS50	0.4	23.2	15.2	1.2	55.5	6.4	309	105	0.3	0.11	< 0.1	< 1	< 0.1	< 0.1	507	20.4	46.5	4.4	17.3	2.9	2.0	0.2	1.2
LS51	0.4	76.9	18.6	1.7	23.2	8.4	403	84	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	339	17.4	32.0	3.5	14.1	2.8	2.3	0.3	1.6
SA05	0.3	35.4	14.7	2.1	48.8	9.5	309	173	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	507	18.0	45.9	4.2	17.4	3.4	2.5	0.3	1.9
SA06	0.5	36.1	14.7	2.8	45.5	6.6	323	129	0.2	0.21	< 0.1	< 1	< 0.1	< 0.1	466	12.6	32.1	2.8	11.6	2.0	1.7	0.2	1.3
SA09	0.3	25.5	13.4	1.8	54.2	9.9	340	61	1.1	2.54	< 0.1	< 1	< 0.1	< 0.1	529	20.3	41.8	4.7	19.7	3.2	2.6	0.3	1.8
SA10	0.7	20.0	17.5	2.5	47.2	7.5	311	8	1.1	1.18	< 0.1	< 1	< 0.1	< 0.1	477	14.6	31.1	3.2	13.3	2.4	1.8	0.2	1.4
SA11	0.3	34.6	22.3	0.5	31.2	7.1	507	99	0.2	0.08	< 0.1	< 1	< 0.1	< 0.1	521	16.5	34.4	3.9	15.6	2.8	2.0	0.3	1.4
SA13	0.6	23.3	16.1	2.5	54.8	7.5	280	56	0.5	0.22	< 0.1	< 1	< 0.1	< 0.1	514	16.0	34.5	3.6	14.1	2.4	2.0	0.2	1.5
SA14	0.4	36.1	17.2	2.0	39.1	7.0	339	111	0.3	0.26	< 0.1	< 1	< 0.1	< 0.1	465	13.4	28.3	2.8	11.3	2.1	1.6	0.2	1.2
SA16	0.5	39.5	16.1	2.5	35.9	7.1	334	125	4.8	1.34	< 0.1	< 1	< 0.1	< 0.1	425	9.1	22.5	2.2	9.3	1.4	1.5	0.2	1.4
SA18	0.3	62.3	14.3	1.4	49.9	12.6	319	130	0.5	0.29	< 0.1	< 1	< 0.1	< 0.1	496	21.0	36.9	5.8	23.8	3.8	3.1	0.4	2.4
SA34	0.5	29.4	14.5	2.3	51.3	7.4	248	22	1.5	3.12	< 0.1	< 1	< 0.1	< 0.1	464	13.3	28.8	3.2	12.8	2.1	1.8	0.2	1.4
SA35	0.5	38.4	13.4	2.2	56.2	6.9	270	10	3.2	2.14	< 0.1	< 1	< 0.1	< 0.1	469	14.1	31.3	3.4	13.3	2.2	1.8	0.2	1.3
SA36	0.4	25.5	14.5	0.9	56.5	7.8	304	42	0.4	0.12	< 0.1	< 1	< 0.1	< 0.1	536	15.7	33.5	3.7	14.8	2.0	2.0	0.2	1.4
SA37	0.3	48.2	16.8	1.4	29.3	7.5	333	63	0.2	0.09	< 0.1	< 1	< 0.1	< 0.1	323	23.2	43.9	4.8	19.4	2.4	2.1	0.2	1.3
SA19	0.4	25.6	12.9	1.7	57.6	8.6	279	39	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	516	18.0	38.2	4.2	16.5	2.7	2.2	0.3	1.6
SA20	0.4	31.0	14.4	1.3	52.6	9.2	318	111	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	500	16.7	37.4	4.0	16.7	2.9	2.4	0.3	1.8
SA21	0.3	30.3	14.6	1.7	55.2	9.4	322	98	0.3	0.12	< 0.1	< 1	< 0.1	< 0.1	508	17.9	46.6	4.3	16.8	2.9	2.3	0.3	1.7
SA22	0.5	50.7	16.6	2.5	42.2	11.9	394	104	0.1	0.14	< 0.1	< 1	< 0.1	< 0.1	399	20.8	96.4	5.3	22.3	2.7	3.1	0.4	2.3
SA25	0.5	30.6	14.8	1.8	50.9	7.5	363	161	0.8	1.08	< 0.1	< 1	< 0.1	< 0.1	531	13.7	32.2	3.2	12.9	2.5	1.8	0.2	1.4
SA26	0.3	28.7	14.6	1.6	48.3	7.6	318	26	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	521	17.5	36.3	4.0	16.1	2.7	2.3	0.3	1.5
SA44	0.5	23.9	14.1	2.0	50.9	7.9	296	18	0.4	0.33	< 0.1	< 1	< 0.1	< 0.1	526	15.9	33.8	3.7	15.1	2.4	1.9	0.2	1.3
SA50	0.3	39.7	20.9	1.1	35.6	6.8	327	75	0.2	1.71	< 0.1	< 1	< 0.1	< 0.1	344	8.3	19.4	2.1	8.2	1.6	1.5	0.2	1.3
SA51	0.4	35.0	16.4	2.3	49.0	9.2	278	110	0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	502	17.0	36.6	4.1	16.7	3.0	2.5	0.3	1.9

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
TT802	15.9	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	15.8	6	6.1	1.2	0.219	0.041	0.01
TT803	31.6	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.27	17.5	9	3.9	0.9	0.269	0.066	0.03
TT804	6.2	< 0.1	< 0.1	0.8	0.1	0.3	0.3	< 0.001	0.30	16.4	5	4.7	0.8	0.194	0.052	0.02
TT805	31.6	< 0.1	< 0.1	0.7	< 0.1	0.3	0.4	< 0.001	0.31	27.6	5	3.9	0.9	0.205	0.033	0.02
TT806	9.8	< 0.1	< 0.1	0.6	< 0.1	0.4	0.4	< 0.001	0.32	17.5	5	3.1	0.7	0.213	0.045	0.01
TT807	9.9	< 0.1	< 0.1	0.7	0.1	0.3	0.4	< 0.001	0.32	18.3	5	5.4	1.2	0.213	0.038	0.02
TT808	26.4	< 0.1	0.1	0.9	0.1	0.3	0.3	< 0.001	0.30	15.8	6	7.3	1.2	0.238	0.025	0.01
TT809	24.6	0.2	0.1	0.8	0.1	< 0.1	0.5	< 0.001	0.30	26.3	6	6.5	5.0	0.151	0.199	0.02
TT810	25.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	14.6	6	3.9	2.2	0.208	0.035	< 0.01
TT811	20.6	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	3.4	2.3	0.206	0.026	0.01
TT812	18.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	5.5	1.2	0.204	0.024	0.01
TT813	4.6	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.29	15.4	4	4.0	0.8	0.145	0.011	0.01
TT814	4.8	< 0.1	< 0.1	0.6	0.1	< 0.1	0.2	< 0.001	0.31	15.9	4	3.5	0.6	0.174	0.035	0.02
TT815	11.4	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.5	6	3.6	1.0	0.241	0.055	0.02
TT816	6.7	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.33	16.9	5	5.5	1.0	0.233	0.023	0.01
TT817	12.2	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	16.0	5	4.5	1.2	0.218	0.043	0.02
TT818	8.6	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	15.5	6	4.9	1.3	0.226	0.011	< 0.01
TT819	2.6	< 0.1	< 0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.30	15.6	4	4.0	0.7	0.137	0.062	< 0.01
TT820	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.30	16.1	5	4.6	0.8	0.171	0.070	< 0.01
TT821	6.0	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.28	15.2	4	3.4	0.6	0.127	0.066	< 0.01
TT822	2.8	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.29	15.9	5	6.1	0.9	0.179	0.058	0.01
TT823	3.1	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	14.7	6	3.6	0.8	0.177	0.043	< 0.01
TT824	3.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.31	18.1	5	5.8	1.1	0.213	0.052	0.01
TT825	3.7	< 0.1	0.1	1.0	0.1	< 0.1	0.2	< 0.001	0.28	17.1	6	12.6	1.4	0.209	0.067	< 0.01
TT826	4.3	< 0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.28	14.5	5	3.6	0.7	0.157	0.052	< 0.01
TT827	12.9	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.30	16.4	6	5.7	0.9	0.221	0.056	0.01
TT828	4.4	< 0.1	0.1	0.8	0.1	< 0.1	0.4	< 0.001	0.30	16.1	5	3.4	0.9	0.177	0.050	< 0.01
TT829	2.8	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.29	14.3	5	1.6	0.5	0.138	0.038	< 0.01
TT830	6.2	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.9	6	7.2	1.0	0.184	0.055	< 0.01
TT831	3.2	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	15.1	5	5.3	0.8	0.157	0.062	< 0.01
TT832	3.3	< 0.1	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.2	6	5.0	0.8	0.193	0.110	0.02
TT833	4.7	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.31	16.2	5	2.8	0.8	0.211	0.018	0.01
TT834	8.4	0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	15.9	5	6.5	0.9	0.156	0.037	< 0.01
TT835	3.9	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.45	15.2	5	3.9	0.8	0.150	0.044	0.01
TT836	4.0	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.30	13.9	5	4.6	0.9	0.165	0.062	< 0.01
TT837	4.1	0.1	0.1	0.7	0.1	0.3	0.3	0.001	0.31	15.8	6	3.9	0.9	0.190	0.057	0.01
TT838	3.9	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.32	16.2	6	4.2	1.0	0.197	0.052	< 0.01
TT839	3.2	< 0.1	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.31	15.7	5	3.9	0.8	0.157	0.033	< 0.01
TT840	6.2	< 0.1	0.1	0.7	< 0.1	0.2	0.3	< 0.001	0.29	14.6	6	3.7	0.8	0.208	0.039	0.01
TT841	3.2	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.30	14.5	5	3.8	0.9	0.215	0.019	0.01
TT842	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.29	14.7	6	4.0	0.9	0.191	0.032	0.01
TT843	3.4	< 0.1	0.1	0.7	< 0.1	< 0.1	0.2	< 0.001	0.30	14.8	5	3.4	0.9	0.178	0.039	< 0.01
TT844	3.4	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.29	13.9	5	2.8	0.8	0.175	0.015	< 0.01
TT845	5.0	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	14.4	5	4.8	0.9	0.175	0.025	< 0.01
TT846	4.9	< 0.1	< 0.1	0.6	< 0.1	0.2	0.3	0.001	0.29	14.4	5	2.9	0.7	0.166	0.030	0.01
TT847	15.2	< 0.1	< 0.1	0.6	0.1	0.3	0.4	< 0.001	0.30	15.0	5	3.8	0.9	0.249	0.024	0.02
TT848	18.6	< 0.1	0.1	0.7	0.1	0.4	0.8	0.001	0.29	16.6	7	3.7	1.0	0.287	0.053	0.03
TT849	9.1	0.1	< 0.1	0.7	0.1	0.2	0.4	< 0.001	0.28	14.7	7	3.7	0.8	0.296	0.020	0.01
TT850	11.0	0.4	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	18.9	6	5.3	1.3	0.238	0.021	0.01
TT851	6.4	0.1	< 0.1	0.7	0.1	0.4	0.4	< 0.001	0.29	17.1	5	3.2	0.9	0.176	0.097	0.02
LS19	17.6	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.4	6	5.3	1.4	0.255	0.036	0.03

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
LS20	15.6	< 0.1	0.1	1.0	0.1	0.3	0.4	< 0.001	0.34	14.8	7	7.5	1.7	0.223	0.038	0.03
LS21	7.7	0.2	< 0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	16.4	5	4.1	1.1	0.207	0.009	0.02
LS23	8.5	0.1	0.1	1.0	0.1	< 0.1	< 0.1	< 0.001	0.34	15.3	6	5.6	1.2	0.223	0.032	< 0.01
LS24	10.3	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.37	16.0	7	6.0	1.1	0.0953	0.015	0.02
LS25	14.3	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	23.2	6	4.9	0.9	0.110	0.018	0.02
LS26	11.1	0.2	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	18.8	5	3.5	1.0	0.167	0.025	0.02
LS28	43.2	0.1	0.2	1.6	0.2	< 0.1	< 0.1	< 0.001	0.49	16.2	9	8.1	1.2	0.107	0.018	< 0.01
LS29	46.8	0.2	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	0.37	10.1	8	5.8	2.0	0.144	0.027	0.04
LS30	71.4	0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.26	14.3	6	5.5	1.6	0.239	0.042	0.04
LS31	14.7	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	14.7	5	4.6	1.1	0.187	0.033	0.01
LS32	7.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.34	17.6	5	4.8	1.2	0.173	0.021	0.02
LS34	11.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.30	14.8	5	3.6	1.0	0.116	0.036	0.01
LS35	14.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.32	17.9	5	4.3	1.1	0.150	0.020	0.02
LS45	10.7	0.2	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	16.6	5	4.2	1.2	0.128	0.019	0.03
LS46	8.8	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	14.4	5	4.1	1.1	0.209	0.037	< 0.01
LS47	25.6	< 0.1	0.2	1.5	0.2	< 0.1	< 0.1	< 0.001	0.33	14.7	11	5.6	1.6	0.328	0.013	0.01
LS48	6.8	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.31	17.7	5	5.6	1.1	0.200	0.040	0.02
LS49	7.1	0.1	0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.32	17.3	5	4.8	1.2	0.199	0.029	0.03
LS50	9.4	0.3	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	16.6	5	9.2	1.1	0.113	0.015	0.01
LS51	19.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.20	11.2	8	2.9	0.9	0.185	0.039	0.01
SA05	23.8	0.4	0.2	1.1	0.2	< 0.1	< 0.1	< 0.001	0.33	20.6	7	4.7	1.2	0.228	0.020	0.02
SA06	15.4	0.3	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.30	21.9	6	5.3	1.0	0.224	0.027	0.03
SA09	29.3	0.1	0.2	1.1	0.2	< 0.1	0.2	< 0.001	0.34	15.0	6	5.4	1.5	0.239	0.042	0.01
SA10	20.9	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.30	17.1	6	4.7	1.3	0.288	0.031	0.03
SA11	10.7	0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.25	15.1	7	3.2	1.0	0.106	0.010	0.01
SA13	47.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.34	17.3	6	4.6	1.2	0.206	0.015	0.02
SA14	40.3	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.2	7	3.7	0.9	0.169	0.028	0.02
SA16	29.5	0.4	0.1	0.8	0.1	0.2	0.1	< 0.001	0.25	12.5	9	3.6	0.8	0.297	0.016	0.02
SA18	140	0.3	0.2	1.3	0.2	< 0.1	< 0.1	< 0.001	0.33	16.8	10	5.1	1.1	0.177	0.012	< 0.01
SA34	23.1	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.33	15.5	7	4.0	1.1	0.254	0.025	0.03
SA35	9.3	0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.5	6	4.2	1.0	0.238	0.033	0.02
SA36	9.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	16.0	6	4.7	1.1	0.207	0.007	< 0.01
SA37	20.8	0.2	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.21	13.5	7	3.0	0.9	0.0869	0.018	0.02
SA19	15.5	0.3	0.1	1.0	0.2	< 0.1	< 0.1	< 0.001	0.36	16.1	6	6.0	1.2	0.106	0.029	0.02
SA20	23.6	0.3	0.1	1.0	0.2	< 0.1	< 0.1	< 0.001	0.31	18.5	7	4.1	1.0	0.131	0.025	0.01
SA21	21.8	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	15.6	7	4.5	1.0	0.152	0.038	0.01
SA22	44.5	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.26	17.0	10	6.2	1.2	0.156	0.054	0.01
SA25	9.2	0.3	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.28	14.2	6	3.7	1.0	0.177	0.014	0.04
SA26	16.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	13.8	6	4.7	1.1	0.179	0.010	< 0.01
SA44	39.2	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.35	15.1	6	4.6	1.2	0.236	0.022	0.03
SA50	9.2	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.26	16.1	8	3.4	1.2	0.0903	0.022	0.01
SA51	10.3	0.2	0.1	1.0	0.1	< 0.1	< 0.1	< 0.001	0.33	18.6	7	6.2	1.7	0.133	0.024	0.03

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		38.8	1.59	1.06	8.81	2.05	0.88		40	53	895	5.01	1.0	90	38.0	3.7	3.0	1.1		3.35	19.2	1.43	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas		36.6	1.73	1.15	8.41	2.09	1.12		56	50	941	5.30	1.0	40	43.1	3.7	2.7	1.3		4.18	20.1	1.57	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas										159		9.24			> 5000						161		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										169		9.83			> 5000						145		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (Fusion) Meas				1.18		1.81			70		890	10.1			9.7	13.8		4.4			45.5	6.75	
OREAS 101b (Fusion) Cert				1.23		2.42			80		931	10.8			9.0	18.7		6.34			47.0	7.77	
OREAS 101b (4 Acid) Meas				1.21		2.27			73		932	10.5			9.7	14.3		5.0			47.0	6.93	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																			44.4		125		87.7
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			44.0		123		86.2
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		4.9	1.51				7.82		149	197		7.12			280						58.7	0.51	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas		4.8	1.49				7.85		148	146		7.27			296						61.5	0.56	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas										> 5000					2460				0.88		80.3		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 13b										> 5000					2220				0.92		82.4		

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert										8650.000					2247.000				0.86		75		
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas		18.9	0.04	0.59	7.22	2.04	0.05		77	58	439	6.88	1.8		44.6		8.3		0.59	2.97	89.2		3.95
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.4	0.03	0.53	6.44	3.26	0.04		74	57	365	6.92	5.1		39.1		8.4		0.67	3.12	84.6		4.14
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas		16.7	0.04	0.59	6.42	3.09	0.04		78	58	435	6.93	5.2		42.6		7.8		0.64	3.76	89.4		4.18
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		36.6						< 0.1	35	48			1.0		34.6	3.2	3.0	1.1		3.52	17.5	1.37	0.26
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		23.2	0.10	0.21	7.82	0.50	0.18		122	546	491	14.7	2.2		244	1.4	0.8	0.4		3.07	31.2	0.55	0.31
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		20.8	0.08	0.18	7.43	0.36	0.19		111	491	391	14.2	2.4		204	1.2	0.8	0.4		3.06	27.2	0.48	0.30
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 45d (4-Acid) Meas		22.8	0.10	0.26	7.63	0.40	0.18		114	494	494	14.2	2.6		239	1.5	0.9	0.5		3.77	30.5	0.58	0.33
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																			11.9		56.6		26.9
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																			11.2		53.2		28.5
OREAS 96 (4 Acid) Cert																			11.5		49.9		26.3
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas		32.8	0.33	1.74	8.09	2.92	0.46	0.4	84	68	899	6.13	3.4		36.5	2.5	2.1	0.8	1.71	5.03	22.1	1.07	18.5
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas		33.7	0.37	1.89	8.10	2.76	0.50	0.3	100	77	1010	7.26	4.0		42.4	2.7	2.5	1.0	2.04	6.79	25.8	1.25	21.0
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		15.4	1.44	0.46	7.28	2.08	2.18	279	35	37	567	3.99	4.6		30.9		1.6		67.8	2.77	31.9		3.81
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas		15.0	1.35	0.54	6.36	2.20	2.07	270	34	26	550	4.18	4.9		29.3		1.7		62.2	3.23	32.3		4.09
OREAS 621 (4 Acid) Cert		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas		17.5	0.64	1.16	3.82	3.31	3.53		142	34	3960	24.3	3.0		70.7	2.0	0.8	0.6	1.30	0.52	> 500	1.71	8.35
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		15.8	0.55	1.00	3.55	2.44	3.59		162	39	4000	24.2	3.0		75.7	2.1	0.8	0.6	1.31	0.65	482	1.77	8.94
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas		20.2	0.43	2.52	1.87	0.43	2.92	1.1	32	338	660	29.5	1.2		> 5000		0.5		1.64	1.77	> 500		3.21
Oreas 77b (4 Acid Digest) Cert		18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15		113000		0.470		1.62	2.32	1550		3.44
OREAS 228b (Fire Assay) Meas	8300																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8540																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8490																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
OREAS 228b (Fire Assay) Meas	8520																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	510																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	512																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	507																						
Oreas E1336 (Fire Assay) Cert	510																						
TT803 Orig	13																						
TT803 Dup	12																						
TT815 Orig		19.2	2.03	0.58	5.77	1.62	1.51	< 0.1	55	40	279	2.40	< 0.1	70	17.4	0.8	1.1	0.3	0.12	2.40	6.9	0.56	0.25
TT815 Dup		19.3	2.16	0.56	6.04	1.73	1.47	< 0.1	56	43	287	2.45	0.1	70	18.2	0.7	1.1	0.3	0.12	2.48	6.9	0.53	0.25
TT818 Orig	45																						
TT818 Dup	31																						
TT825 Orig		11.1	2.45	0.46	6.00	1.70	1.57	< 0.1	45	43	306	2.10	3.7	40	14.2	1.0	1.3	0.3	0.08	0.91	5.4	0.62	0.09
TT825 Dup		11.6	2.17	0.43	6.17	1.61	1.54	< 0.1	49	39	313	2.24	0.1	40	14.6	1.1	1.3	0.4	< 0.05	1.00	5.7	0.70	0.10
TT826 Orig	< 5																						
TT826 Dup	< 5																						
TT836 Orig		13.7	2.26	0.27	6.65	1.61	1.20	< 0.1	30	24	187	1.37	0.5	90	9.6	0.6	1.2	0.2	0.06	1.06	3.7	0.44	0.09
TT836 Dup		13.6	2.17	0.26	6.03	1.60	1.19	< 0.1	32	27	181	1.46	0.6	50	10.6	0.5	1.1	0.2	0.06	0.98	3.7	0.44	0.08
TT836 Orig																							
TT836 Dup																							
TT838 Dup	< 5																						
TT843 Orig	6																						
TT843 Dup	5																						
TT849 Orig		12.4	2.48	0.39	6.81	2.13	1.66	< 0.1	86	38	236	2.38	3.7	80	11.3	0.6	0.9	0.2	0.07	1.70	4.4	0.42	0.50
TT849 Dup		11.9	2.28	0.35	5.86	1.84	1.47	< 0.1	74	33	229	2.32	3.2	70	11.3	0.5	0.8	0.2	0.05	1.59	4.6	0.36	0.47
TT849 Orig																							
TT849 Dup																							
TT850 Orig	5																						
TT850 Dup	18																						
LS31 Orig	< 5																						
LS31 Dup	< 5																						
LS46 Orig		19.5	2.11	0.39	5.91	1.73	1.44	< 0.1	32	27	217	1.26	0.8	50	13.8	0.9	1.2	0.3	< 0.05	1.34	4.4	0.63	0.10
LS46 Dup		19.9	2.34	0.43	6.57	1.88	1.46	< 0.1	34	24	216	1.28	< 0.1	50	14.4	0.9	1.1	0.3	< 0.05	1.40	4.4	0.65	0.11
SA05 Orig	< 5																						
SA05 Dup	< 5																						
SA13 Orig	9																						
SA13 Dup	5																						
SA14 Orig		26.7	1.93	0.56	6.72	1.23	1.52	0.1	40	38	291	3.46	2.5	40	14.9	0.7	1.1	0.2	0.10	1.57	8.2	0.49	0.36
SA14 Dup		25.7	2.06	0.60	6.96	1.34	1.59	0.1	47	44	318	3.67	3.0	20	15.3	0.8	1.0	0.3	0.11	1.64	8.5	0.49	0.37
SA16 Orig	5																						
SA16 Dup	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SA20 Orig	< 5																						
SA20 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	< 1	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	9	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	2	8	< 0.01	< 0.1	30	1.4	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	7	2	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	3	2	< 0.01	< 0.1	50	< 0.5	< 0.1	0.3	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		107	19.1	< 0.1	84.6		182	39	2.1			< 1	< 0.1		688	36.7	88.5		42.9	8.5	7.2	1.0	6.4
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas		118	23.6	0.8	119		193	36	0.2			< 1	< 0.1		713	42.5	95.1		45.2	8.9	7.7	1.0	6.5
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas				1.5																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				8.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas																							
Oreas 72a (4 Acid Digest) Cert																							
OREAS 101b (Fusion) Meas						134				19.6						683	1320	122	389	47.5	36.2	4.0	25.7
OREAS 101b (Fusion) Cert						178				20.9						789	1331	127	378	48	41	5.37	32.1
OREAS 101b (4 Acid) Meas						118				20.3						691	1300	113	362	52.7	38.4	4.3	25.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas	162	1320										198	15.4										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	166	1260										192	9.0										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		67.7	13.5		3.1	16.3	153	39	1.3				0.7		108	3.2			5.1				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas		73.4	15.1		4.0	16.0	154	41	1.4				0.9		110	3.8			5.3				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas		131		45.4						8.46													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b		158		54.4						9.07													

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	2.7	27.0	16.6	91.6	80.3	31.1	26.2	94		2.07	0.2	3	1.5		148	37.2	82.3					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.7	27.0	16.6	100	116	30.8	26.5	187		2.14	0.2	3	1.4		223	40.5	84.6					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas	2.6	28.3	17.3	101	140	31.7	27.5	192		2.25	0.2	3	1.4		202	42.9	86.9					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		97.4	18.9	0.6	49.5	27.7	158	33	0.2	< 0.05		< 1	< 0.1		588	33.3	78.6	8.9	36.7	7.4	6.2	0.9	5.8
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		45.6	20.4	6.5	36.0	11.0	30.9	87	3.2	0.63	< 0.1	< 1	0.1		194	14.2	33.6	3.5	13.9	2.8	2.5	0.3	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		45.3	20.6	7.8	33.9	10.5	31.0	93	0.3	0.39	< 0.1	< 1	< 0.1		188	15.0	35.2	3.6	14.1	2.5	2.4	0.3	2.2
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 45d (4-Acid) Meas		46.9	21.6	9.1	45.7	11.4	31.2	101	0.3	0.38	< 0.1	< 1	< 0.1		183	16.8	39.4	4.0	15.5	3.2	2.5	0.4	2.4
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas	44.2	468										66	4.5										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas	42.4	472										64	4.0										
OREAS 96 (4 Acid) Cert	40.7	457										65.6	5.09										
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas	5.8	338	15.9	5.1	132	24.0	39.8	125	13.8	0.91	0.4	13	1.1		421	33.6	73.7	8.1	33.8	6.3	5.5	0.7	4.6
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	6.6	372	20.3	7.5	170	26.5	42.0	136	13.7	0.97	0.5	15	1.2		457	41.5	84.5	9.6	38.9	6.2	6.0	0.8	5.1
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 923 (4 Acid) Meas																							
OREAS 923 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	4.7	> 10000	16.6	69.3	64.7	13.0	96.0	188	10.5	14.9	1.4	10	120			23.5	51.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas	4.7	> 10000	26.3	70.4	87.7	12.4	67.9	185	9.2	13.5	1.7	6	20.0			20.0	49.0					0.5	
OREAS 621 (4 Acid) Cert	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas	1.8	27.3	13.7	310	68.7	17.9	69.7	122	1.6	181	0.2	9	5.9	0.2		55.4	87.7	7.7	27.1	4.1	4.0	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	2.8	37.7	16.3	452	84.2	17.3	68.1	121	5.7	205	0.2	10	4.5	0.9		46.7	60.0	6.2	24.7	3.4	4.0	0.5	3.2
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
Oreas 77b (4 Acid Digest) Meas		207	3.6	1410	15.8	7.0	35.0	41	3.0		< 0.1	2	8.8	1.2	95	13.1	25.8						
Oreas 77b (4 Acid Digest) Cert		205	4.61	2050	19.1	6.55	34.4	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
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OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
TT803 Orig																							
TT803 Dup																							
TT815 Orig	0.2	29.2	16.1	2.9	60.2	7.5	319	5	1.4	1.04	< 0.1	< 1	< 0.1	0.2	540	12.4	28.3	3.0	12.0	2.1	1.9	0.2	1.3
TT815 Dup	0.3	27.9	16.0	2.5	60.6	7.7	335	10	1.5	1.05	< 0.1	< 1	< 0.1	< 0.1	561	13.3	29.6	3.2	12.8	2.1	1.8	0.2	1.4
TT818 Orig																							
TT818 Dup																							
TT825 Orig	0.3	25.0	13.9	1.7	53.4	9.0	348	129	4.9	0.23	< 0.1	< 1	< 0.1	< 0.1	512	25.1	57.4	6.2	24.3	3.5	3.0	0.3	1.8
TT825 Dup	0.3	25.5	13.9	1.8	53.6	10.2	342	5	1.5	0.27	< 0.1	< 1	< 0.1	< 0.1	516	23.4	51.2	5.9	22.0	4.1	2.8	0.4	2.0
TT826 Orig																							
TT826 Dup																							
TT836 Orig	0.3	17.9	10.1	< 0.1	37.8	5.4	292	45	1.9	0.31	< 0.1	< 1	< 0.1	< 0.1	542	9.8	21.1	2.3	9.9	1.4	1.4	0.2	1.1
TT836 Dup	0.1	20.1	11.7	0.3	35.7	5.6	274	54	2.3	0.27	< 0.1	< 1	< 0.1	< 0.1	507	11.9	25.4	2.8	11.4	2.1	1.5	0.2	1.2
TT836 Orig								45															
TT836 Dup								54															
TT838 Dup																							
TT843 Orig																							
TT843 Dup																							
TT849 Orig	0.5	17.6	19.2	0.4	37.8	5.6	342	144	4.0	1.82	< 0.1	1	< 0.1	< 0.1	515	9.9	22.8	2.4	9.6	2.0	1.4	0.2	1.1
TT849 Dup	0.4	17.2	18.6	< 0.1	31.0	5.4	325	129	1.8	1.35	< 0.1	< 1	< 0.1	< 0.1	487	8.0	18.7	1.9	8.0	1.5	1.2	0.1	0.9
TT849 Orig																							
TT849 Dup																							
TT850 Orig																							
TT850 Dup																							
LS31 Orig																							
LS31 Dup																							
LS46 Orig	0.2	23.3	13.2	1.3	53.1	8.0	326	40	1.8	0.31	< 0.1	< 1	< 0.1	< 0.1	526	14.4	31.4	3.6	14.8	3.0	2.1	0.3	1.5
LS46 Dup	0.2	21.7	13.4	1.4	53.2	8.3	328	6	0.8	0.43	< 0.1	< 1	< 0.1	< 0.1	529	14.8	32.6	3.7	15.2	2.5	2.1	0.3	1.6
SA05 Orig																							
SA05 Dup																							
SA13 Orig																							
SA13 Dup																							
SA14 Orig	0.4	35.5	16.7	1.9	38.2	6.6	327	98	0.3	0.21	< 0.1	< 1	< 0.1	< 0.1	456	13.3	28.1	2.8	11.3	2.1	1.6	0.2	1.2
SA14 Dup	0.4	36.7	17.7	2.0	40.1	7.3	351	123	0.3	0.31	< 0.1	< 1	< 0.1	< 0.1	473	13.6	28.4	2.9	11.2	2.1	1.6	0.2	1.2
SA16 Orig																							
SA16 Dup																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SA20 Orig																							
SA20 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.2	0.2	0.4	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.2	0.2	0.8	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	0.4	0.2	0.8	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.13	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.2	< 0.2	0.2	0.7	< 0.2	< 0.1	< 0.2	2	0.2	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	0.2	< 0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.6	0.2	0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	32.0		0.5	3.4		0.1	< 0.1		0.69	27.0	16	13.2	3.2	0.0902	0.058	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas	44.3		0.5	3.6		< 0.1	< 0.1		0.66	28.5	15	13.0	3.1	0.145	0.058	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
SDC-1 Meas											15			0.210	0.061	
SDC-1 Cert											17.00			0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	315															1.64
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	339															1.64
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas																1.63
Oreas 72a (4 Acid Digest) Cert																1.74
OREAS 101b (Fusion) Meas	418		2.1	13.3	1.8					24.3		38.1	418	0.375	0.112	
OREAS 101b (Fusion) Cert	416		2.66	17.6	2.58					18.0		37.1	396	0.386	0.120	
OREAS 101b (4 Acid) Meas	435		2.1	13.1	1.7					25.0		34.7	347	0.355	0.114	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas														0.305	0.109	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 101b (4 Acid) Meas														0.357	0.125	
OREAS 101b (4 Acid) Cert														0.35		
OREAS 98 (4 Acid) Meas	> 10000									360						14.3
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									322						15.0
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas																15.2
OREAS 98 (4 Acid) Cert																15.5
DNC-1a Meas	95.7			1.9						7.4	31			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas	113			2.0						7.3	29			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas											29			0.261		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas	2300															1.15
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b	2360															1.17

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
(4-Acid) Meas																
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas																1.15
OREAS 13b (4-Acid) Cert																1.2
OREAS 904 (4 ACID) Meas	6460	< 0.1		3.1	0.5	0.6	3.2		0.57	11.9	12	16.7	10.2		0.098	0.07
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	5900	< 0.1		3.2	0.4	0.9	2.9		0.60	11.9	11	15.7	9.4		0.110	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas	6400	0.2		3.2	0.5	0.9	2.8		0.55	12.3	11	15.3	9.1		0.101	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas											12				0.113	0.07
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas	31.3		0.5	3.1	0.4	< 0.1	< 0.1		0.63	25.8	18	11.4	2.6	0.499		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											21			0.496		
SBC-1 Cert											20.0			0.51		
SBC-1 Meas											20			0.480		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	363			1.5	0.2	0.2	0.4		0.26	22.6	52	15.0	3.0	0.227	0.034	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	367			1.4	0.2	< 0.1	< 0.1		0.26	22.1	51	14.5	2.8	0.155	0.037	0.04
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 45d (4-Acid) Meas	412			1.5	0.2	< 0.1	< 0.1		0.26	23.7	53	14.7	2.9	0.299	0.039	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas	> 10000									111						4.20
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas	> 10000									108						4.22
OREAS 96 (4 Acid) Cert	39300									101						4.19
OREAS 96 (4 Acid) Meas																4.26
OREAS 96 (4 Acid) Cert																4.19
OREAS 923 (4 Acid) Meas	4190		0.4	2.4	0.4	1.0	4.7		0.87	85.4	14	17.0	3.3	0.431	0.066	0.74
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	4760		0.4	2.8	0.4	1.1	5.1		0.92	92.1	13	17.0	3.3	0.401	0.068	0.71
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 923 (4 Acid) Meas											13			0.409	0.069	0.73
OREAS 923 (4 Acid) Cert											13.1			0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas	3870			1.1	0.2		2.7		2.28	> 5000	7	9.1	3.2	0.187	0.036	4.60
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas	3760			1.1	0.2		2.2		2.13	> 5000	6	6.2	3.0	0.180	0.039	4.66
OREAS 621 (4 Acid) Cert	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48
OREAS 621 (4 Acid) Meas											6			0.176	0.038	4.51
OREAS 621 (4 Acid) Cert											6.24			0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	8580		0.3	2.0	0.3	< 0.1	36.9	0.093	0.30	9.0	10	1.8	47.2	0.228	0.079	2.29
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	8960		0.3	2.0	0.3	0.4	129	0.088	0.29	11.2	10	2.3	40.5	0.296	0.088	2.39
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas											10			0.345	0.092	2.42
OREAS 522 (4 Acid) Cert											10.9			0.344	0.0890	2.50
Oreas 77b (4 Acid Digest) Meas	3280					0.3	3.0	0.022	1.55	64.3	3	6.8	2.0	0.0538		
Oreas 77b (4 Acid Digest) Cert	3430					0.280	3.07	0.0220	1.37	61.0	3.51	6.61	1.71	0.0640		
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
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OREAS 228b (Fire Assay) Cert																
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
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Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
TT803 Orig																
TT803 Dup																
TT815 Orig	11.6	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.3	6	3.3	0.9	0.238	0.055	0.02
TT815 Dup	11.1	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.30	18.6	6	3.9	1.0	0.244	0.056	0.02
TT818 Orig																
TT818 Dup																
TT825 Orig	3.7	< 0.1	0.1	0.9	0.1	0.3	0.3	< 0.001	0.29	17.2	6	12.1	1.3	0.197	0.069	< 0.01
TT825 Dup	3.7	< 0.1	0.1	1.1	0.1	< 0.1	0.1	< 0.001	0.28	17.0	6	13.0	1.5	0.221	0.065	< 0.01
TT826 Orig																
TT826 Dup																
TT836 Orig	4.3	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.31	14.3	4	4.2	0.8	0.151	0.058	< 0.01
TT836 Dup	3.7	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.29	13.6	5	4.9	0.9	0.179	0.066	0.01
TT836 Orig											5			0.167	0.069	0.01
TT836 Dup											5			0.173	0.073	0.01
TT838 Dup																
TT843 Orig																
TT843 Dup																
TT849 Orig	9.3	0.2	< 0.1	0.7	0.1	0.2	0.5	< 0.001	0.29	15.2	7	3.9	0.8	0.301	0.021	0.01
TT849 Dup	8.9	0.1	< 0.1	0.7	0.1	0.1	0.3	< 0.001	0.27	14.2	7	3.5	0.8	0.290	0.020	0.01
TT849 Orig											6			0.0856	0.017	0.01
TT849 Dup											6			0.115	0.019	0.01
TT850 Orig																
TT850 Dup																
LS31 Orig																
LS31 Dup																
LS46 Orig	9.5	0.4	0.1	0.9	0.1	0.1	0.1	< 0.001	0.31	14.3	5	3.8	1.1	0.210	0.037	< 0.01
LS46 Dup	8.1	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	14.5	5	4.3	1.1	0.208	0.037	< 0.01
SA05 Orig																
SA05 Dup																
SA13 Orig																
SA13 Dup																
SA14 Orig	42.2	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.0	7	3.7	0.8	0.156	0.029	0.02
SA14 Dup	38.4	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.3	7	3.8	0.9	0.183	0.027	0.02
SA16 Orig																
SA16 Dup																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SA20 Orig																
SA20 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	0.6	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	1.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0035	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			0.0006	< 0.001	< 0.01
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	1.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09481**
Report Date: **01-Oct-20**
Date Submitted: **17-Aug-20**
Your Reference: **Exploration/Prospecting**

Harte Gold Corp.
161 Bay Street
Suite 2400
Toronto Ontario M5J 2S1
Canada

ATTN: David Stevenson

CERTIFICATE OF ANALYSIS

22 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Harte Gold	QOP AA-Au (Au - Fire Assay AA)	2020-08-28 10:20:23
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2020-09-21 12:27:36

REPORT **A20-09481**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS01	11	36.8	1.86	0.47	6.70	0.77	1.28	< 0.1	45	33	222	2.26	0.4	100	8.4	0.8	1.3	0.3	0.16	3.41	4.6	0.58	0.17
LS02	10	20.8	1.98	0.44	6.93	0.76	1.23	< 0.1	42	34	241	2.17	1.1	80	11.2	0.8	1.4	0.3	0.17	2.28	5.6	0.58	0.16
LS03	11	17.1	2.15	0.49	6.58	0.69	1.32	< 0.1	41	32	252	2.02	< 0.1	60	13.8	0.8	1.5	0.3	0.09	1.74	6.6	0.60	0.16
LS05	8	26.5	1.95	0.48	7.15	0.75	1.19	< 0.1	44	49	234	2.49	1.8	70	17.3	0.8	1.6	0.3	0.10	1.99	7.8	0.65	0.17
LS06	10	26.7	2.26	0.52	6.78	0.84	1.58	< 0.1	44	36	270	2.03	0.4	110	8.4	0.9	1.3	0.3	< 0.05	1.46	5.0	0.68	0.38
LS08	9	35.8	2.25	0.56	6.87	0.83	1.52	< 0.1	41	33	285	1.95	2.8	90	10.1	0.9	1.5	0.3	< 0.05	1.43	5.1	0.68	0.19
LS09	8	26.0	2.15	0.56	6.65	0.79	1.34	< 0.1	25	37	252	1.62	1.3	80	13.5	0.8	1.4	0.3	< 0.05	2.11	4.9	0.60	0.16
LS10	9	28.9	1.89	0.43	6.84	0.66	1.14	< 0.1	42	42	215	1.93	0.1	110	11.5	0.7	1.3	0.2	0.12	2.77	4.5	0.56	0.24
LS11	8	19.6	1.92	0.46	6.10	0.73	1.20	< 0.1	36	32	233	1.47	0.2	80	12.0	0.9	1.2	0.3	< 0.05	1.78	4.7	0.62	0.11
LS12	13	24.7	1.85	0.43	7.42	0.94	1.11	< 0.1	48	45	237	2.93	1.3	100	9.0	0.9	1.5	0.3	0.07	1.55	4.8	0.66	0.19
LS13	11	19.6	2.03	0.41	6.21	0.75	1.27	< 0.1	36	29	235	1.49	1.0	80	9.7	0.7	1.2	0.3	< 0.05	1.44	4.2	0.59	0.14
LS14	8	28.1	2.01	0.49	6.36	0.77	1.26	< 0.1	36	43	255	2.67	3.4	80	12.4	0.8	1.4	0.3	< 0.05	1.52	5.9	0.63	0.51
LS15	8	24.5	1.87	0.45	7.00	0.92	1.14	< 0.1	33	44	233	2.12	3.0	110	12.1	0.8	1.3	0.3	< 0.05	1.89	5.6	0.57	0.16
LS16	8	28.8	1.98	0.62	6.78	0.74	1.38	< 0.1	49	45	273	2.24	0.3	120	18.3	0.9	1.2	0.3	0.05	1.49	6.8	0.72	0.15
LS17	10	28.8	2.16	0.51	6.45	0.85	1.56	< 0.1	38	44	269	1.61	5.4	80	13.1	1.0	1.2	0.3	0.07	1.78	4.8	0.71	0.13
LS18	8	25.1	1.78	0.40	6.02	0.76	1.18	< 0.1	43	35	204	1.82	0.1	100	9.9	0.8	1.3	0.3	< 0.05	2.38	4.1	0.57	0.21
LS36	8	18.2	2.11	0.46	6.48	0.69	1.31	< 0.1	35	32	236	1.59	0.1	70	11.1	0.8	1.4	0.3	0.06	1.59	5.3	0.59	0.13
LS37	8	34.3	2.17	0.51	6.97	0.73	1.44	< 0.1	34	29	266	1.67	0.3	90	16.9	1.0	1.5	0.3	< 0.05	1.51	8.5	0.81	0.11
LS40	9	16.0	2.07	0.49	6.43	1.44	1.38	< 0.1	34	38	250	1.64	5.0	60	22.2	0.9	1.3	0.3	< 0.05	1.84	5.5	0.62	0.15
LS41	8	19.2	2.02	0.45	6.49	1.01	1.23	0.1	37	43	248	1.82	4.9	100	33.2	0.8	1.3	0.3	0.11	1.95	6.6	0.60	0.14
LS42	9	19.6	2.09	0.40	6.69	0.80	1.22	0.1	37	36	217	1.88	2.5	110	12.2	0.7	1.5	0.2	0.05	1.55	4.3	0.57	0.19
LS43	8	20.6	2.05	0.50	6.47	0.68	1.29	< 0.1	44	28	248	1.99	0.1	110	14.6	0.9	1.3	0.3	0.06	1.85	6.2	0.60	0.33

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
LS01	0.8	28.0	14.9	2.4	25.6	7.3	283	42	0.2	15.9	< 0.1	< 1	< 0.1	< 0.1	520	17.1	33.3	3.8	14.0	2.7	1.9	0.2	1.4
LS02	0.8	22.6	13.2	2.3	26.2	7.6	303	62	3.1	0.63	< 0.1	< 1	< 0.1	< 0.1	511	18.4	39.3	3.9	14.9	2.6	2.0	0.2	1.5
LS03	0.7	22.2	12.8	3.3	23.6	7.6	318	7	1.3	0.57	< 0.1	< 1	< 0.1	< 0.1	522	16.2	42.8	3.4	13.0	2.6	1.9	0.2	1.4
LS05	0.9	25.7	13.2	2.8	25.1	8.1	281	106	1.4	0.71	< 0.1	< 1	< 0.1	< 0.1	496	17.0	36.9	3.8	14.6	2.9	2.1	0.3	1.6
LS06	0.7	22.9	13.6	2.6	24.1	8.1	384	36	1.2	1.23	< 0.1	< 1	< 0.1	< 0.1	553	18.3	39.0	3.9	15.2	3.0	2.2	0.3	1.6
LS08	0.6	28.3	13.3	2.0	25.2	8.7	378	128	0.2	0.25	< 0.1	< 1	< 0.1	< 0.1	548	17.0	33.4	3.8	14.7	2.8	2.1	0.3	1.8
LS09	0.3	26.4	13.7	1.3	23.8	7.4	322	71	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	571	16.9	33.3	3.7	14.2	2.4	2.0	0.2	1.4
LS10	0.8	24.2	13.1	3.1	25.6	7.1	282	9	1.2	1.34	< 0.1	< 1	< 0.1	< 0.1	500	17.2	35.3	3.7	13.8	2.7	1.9	0.2	1.4
LS11	0.6	22.2	12.6	1.9	26.2	8.5	308	15	0.2	0.41	< 0.1	< 1	< 0.1	< 0.1	555	17.2	33.5	4.0	14.7	2.8	2.0	0.3	1.7
LS12	1.0	24.7	14.0	3.1	27.8	8.0	274	83	0.8	3.56	< 0.1	< 1	< 0.1	< 0.1	463	20.0	47.2	4.3	16.4	3.4	2.3	0.3	1.7
LS13	0.4	20.5	12.8	2.0	24.6	7.1	313	65	0.2	0.49	< 0.1	< 1	< 0.1	< 0.1	525	18.0	34.9	3.9	14.8	2.8	2.0	0.2	1.5
LS14	0.7	26.4	13.7	2.1	24.9	7.6	315	117	0.1	0.41	< 0.1	< 1	< 0.1	< 0.1	489	17.7	35.3	3.8	14.8	2.5	2.0	0.3	1.5
LS15	0.8	24.1	13.1	2.0	26.0	7.5	290	118	0.1	0.19	< 0.1	< 1	< 0.1	< 0.1	519	18.5	36.4	3.9	14.7	2.6	2.0	0.2	1.5
LS16	0.7	25.8	13.5	4.0	22.8	9.1	320	33	0.6	0.32	< 0.1	< 1	< 0.1	< 0.1	491	21.6	41.7	4.8	17.7	3.6	2.4	0.3	1.9
LS17	0.6	22.1	13.6	2.8	27.1	9.3	359	181	3.2	0.28	< 0.1	< 1	< 0.1	< 0.1	579	20.8	42.2	4.7	17.9	3.5	2.2	0.3	1.7
LS18	0.7	20.6	14.8	2.2	27.5	7.7	292	9	0.5	0.95	< 0.1	< 1	< 0.1	< 0.1	494	16.9	33.1	3.6	13.8	2.8	1.9	0.2	1.4
LS36	0.7	21.2	13.0	2.2	24.5	7.4	339	16	1.0	0.51	< 0.1	< 1	< 0.1	< 0.1	536	15.1	32.0	3.6	13.3	2.3	2.0	0.2	1.4
LS37	0.6	24.5	13.0	2.2	23.8	9.7	349	35	0.6	0.57	< 0.1	< 1	< 0.1	< 0.1	520	19.1	40.3	4.6	17.9	3.9	2.6	0.3	2.0
LS40	0.6	21.1	11.9	2.5	39.2	9.0	319	170	0.9	0.98	< 0.1	< 1	< 0.1	< 0.1	554	17.5	50.1	4.0	14.9	3.5	2.4	0.3	1.6
LS41	0.9	33.3	12.6	2.9	29.2	8.0	293	162	2.3	4.25	< 0.1	< 1	< 0.1	< 0.1	520	15.9	36.2	3.6	13.9	2.8	2.1	0.3	1.5
LS42	1.0	25.2	13.2	3.1	24.0	6.8	311	94	1.6	1.14	< 0.1	< 1	< 0.1	< 0.1	491	16.5	33.4	3.7	13.4	2.5	1.7	0.2	1.3
LS43	0.6	24.1	13.3	2.5	24.0	8.0	332	10	1.1	0.70	< 0.1	< 1	< 0.1	< 0.1	548	16.4	31.9	3.6	14.1	2.7	1.9	0.2	1.5

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
LS01	8.5	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.32	14.7	6	5.3	1.3	0.252	0.021	0.02
LS02	9.1	< 0.1	0.1	0.8	0.1	< 0.1	0.3	0.002	0.29	15.4	6	6.2	1.3	0.241	0.046	0.02
LS03	7.6	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.29	15.1	6	4.6	1.0	0.224	0.034	0.02
LS05	8.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	14.6	7	5.5	1.1	0.237	0.038	0.02
LS06	18.5	< 0.1	0.1	0.9	0.1	< 0.1	0.1	0.002	0.25	13.9	5	4.2	1.3	0.219	0.060	0.02
LS08	4.9	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.001	0.25	16.8	6	4.4	1.1	0.200	0.037	0.01
LS09	8.0	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	4.7	1.2	0.149	0.008	< 0.01
LS10	10.3	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.001	0.29	13.7	6	5.6	1.2	0.243	0.036	0.02
LS11	7.3	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.001	0.31	14.2	6	4.7	1.3	0.215	0.016	0.02
LS12	11.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.24	15.8	6	6.4	1.5	0.222	0.047	0.04
LS13	5.0	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	0.001	0.27	14.7	5	5.8	1.1	0.188	0.016	0.02
LS14	13.0	0.2	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.26	14.1	6	4.5	1.1	0.167	0.025	0.02
LS15	10.8	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	15.3	6	5.5	1.2	0.165	0.026	0.02
LS16	16.9	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.002	0.28	14.7	7	5.9	1.3	0.249	0.035	0.02
LS17	14.9	< 0.1	0.1	1.0	0.2	< 0.1	0.1	0.002	0.32	13.8	6	5.1	1.3	0.224	0.035	< 0.01
LS18	7.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.32	17.0	6	5.0	2.0	0.254	0.017	0.01
LS36	4.5	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.002	0.31	14.1	6	3.8	1.1	0.211	0.023	< 0.01
LS37	10.6	< 0.1	0.1	1.0	0.1	< 0.1	< 0.1	0.002	0.29	13.0	6	4.7	1.4	0.209	0.032	0.01
LS40	10.7	0.3	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	5.5	2.1	0.203	0.041	0.01
LS41	12.2	0.2	0.1	0.9	0.1	< 0.1	0.1	0.002	0.30	18.5	6	4.7	2.0	0.218	0.042	0.02
LS42	22.6	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	0.002	0.28	16.8	5	5.0	1.3	0.194	0.053	0.02
LS43	5.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.30	15.7	6	5.2	1.1	0.233	0.021	0.01

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		36.5	1.48	0.97	8.44	2.41	0.96		27	43	894	4.66	0.8	60	30.1	3.3	3.0	1.1		3.70	16.4	1.37	
SDC-1 Cert		34.0	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	200.00	38.0	4.10	3.00	1.50		4.00	18.0	1.70	
Oreas 72a (4 Acid Digest) Meas										178		9.46			> 5000						149		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
Oreas 72a (4 Acid Digest) Meas										168		8.99			> 5000						143		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.18		1.36			55		974	10.3			10.9	14.2		4.7			43.7	6.94	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.23		1.20			68		968	10.1			7.1	14.9		4.6			42.3	6.97	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			43.0		108		83.5
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas		4.9	1.43				7.87		145	156		6.83			264						54.6	0.55	
DNC-1a Cert		5.2	1.40				8.21		148	270		6.97			247						57	0.59	
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas		17.1	0.04	0.61	6.93	1.77	0.04		78	64	414	6.75	0.4		42.1		9.5		0.58	3.56	83.3		4.14
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		177						0.4	218	105			3.4		76.6	3.4	3.8	1.2		7.88	21.2	1.84	0.67
SBC-1 Cert		163						0.40	220.0	109			3.7		82.8	3.80	3.20	1.40		8.2	22.7	1.98	0.70
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		21.9	0.10	0.24	7.98	0.47	0.19		74	445	500	14.8	1.4		230	1.4	0.8	0.4		3.52	28.9	0.56	0.32
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas		15.0	1.36	0.54	6.91	2.91	2.05	278	34	29	562	3.82	4.5		25.5		1.9		64.6	3.15	27.9		3.94
OREAS 621 (4		14.2	1.31	0.507	6.40	2.20	1.97	284	31.8	37.1	532	3.70	4.41		26.2		1.69		69.0	3.28	29.3		3.93

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 228b (Fire Assay) Meas	8690																						
OREAS 228b (Fire Assay) Cert	8570																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510																						
LS02 Orig	10	20.6	1.94	0.45	6.80	1.00	1.21	< 0.1	42	34	246	2.19	2.0	80	11.6	0.8	1.4	0.3	0.18	2.21	5.5	0.58	0.15
LS02 Dup	10	21.1	2.02	0.44	7.06	1.10	1.26	< 0.1	41	33	235	2.15	0.1	70	10.8	0.8	1.4	0.3	0.16	2.34	5.7	0.58	0.17
LS15 Orig		25.1	1.79	0.45	6.93	1.27	1.14	< 0.1	29	51	236	2.14	4.1	90	11.7	0.8	1.3	0.3	< 0.05	1.99	5.7	0.57	0.16
LS15 Dup		24.0	1.94	0.46	7.08	1.27	1.14	< 0.1	36	37	230	2.11	2.0	140	12.5	0.8	1.3	0.3	< 0.05	1.79	5.6	0.57	0.15
LS18 Orig	8																						
LS18 Dup	8																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	5	2	< 0.01	< 0.1	100	< 0.5	< 0.1	0.2	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	3	2	< 0.01	< 0.1	90	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas		103	22.1	1.6	70.1		173	24	< 0.1			< 1	< 0.1		627	38.9	82.0		38.1	8.0	6.2	0.9	5.9
SDC-1 Cert		103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70
Oreas 72a (4 Acid Digest) Meas				2.9																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
Oreas 72a (4 Acid Digest) Meas				3.0																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						116				15.9						710	1210	114	341	50.8	36.4	4.1	24.9
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						120				18.2						728	1230	115	341	50.6	35.5	4.0	24.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	168	1180										190	5.2										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas		69.2	13.1		3.9	15.5	151	33	1.5				0.8		105	3.8			4.9				
DNC-1a Cert		70	15		4.50	18.0	144	38.0	3				0.96		118	3.6			5.20				
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas																							
OREAS 13b (4-Acid) Cert																							
OREAS 904 (4 ACID) Meas	3.0	28.9	16.4	90.5	75.8	32.0	29.4	33		2.20	0.2	3	0.5		203	45.8	85.7					0.9	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
OREAS 904 (4 ACID) Meas																							
OREAS 904 (4 ACID) Cert																							
SBC-1 Meas		197	26.8	27.4	108	30.4	186	109	15.1	2.17		4	1.1		679	50.6	102	12.4	49.8	10.0	7.9	1.0	6.2
SBC-1 Cert		186	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		44.0	20.1	5.8	42.0	10.1	28.8	45	0.1	0.60	0.1	< 1	< 0.1		180	17.0	34.0	3.6	13.7	2.1	2.2	0.3	2.3
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 621 (4 Acid) Meas	5.1	> 10000	25.2	64.8	78.8	12.5	72.7	157	9.4	13.4	1.8	5	28.8			21.5	48.4					0.4	
OREAS 621 (4	5.64	52200	24.6	77.0	84.0	11.1	91.0	168	8.61	13.6	1.83	5.25	139			21.6	46.6					0.460	

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
OREAS 522 (4 Acid) Meas																							
OREAS 522 (4 Acid) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
LS02 Orig	0.7	21.8	12.9	2.1	25.1	7.6	302	107	4.6	0.64	< 0.1	< 1	< 0.1	< 0.1	506	19.0	40.6	4.1	15.1	2.8	2.0	0.2	1.5
LS02 Dup	0.8	23.3	13.6	2.6	27.3	7.6	304	16	1.6	0.61	< 0.1	< 1	< 0.1	< 0.1	516	17.8	38.0	3.7	14.6	2.4	1.9	0.2	1.5
LS15 Orig	0.8	23.4	13.2	2.2	27.4	7.7	289	138	0.1	0.16	< 0.1	< 1	< 0.1	< 0.1	531	19.5	38.4	4.2	15.7	2.6	2.0	0.2	1.5
LS15 Dup	0.8	24.9	13.0	1.8	24.7	7.4	292	98	0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	508	17.4	34.4	3.7	13.7	2.6	1.9	0.2	1.5
LS18 Orig																							
LS18 Dup																							
Method Blank																							
Method Blank																							
Method Blank	0.6	0.3	0.4	0.9	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.4	1.4	0.3	1.0	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas	29.7		0.5	3.1		< 0.1	< 0.1		0.62	24.0	15	11.4	2.6	0.0745	0.059	
SDC-1 Cert	30.000		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	306															1.65
Oreas 72a (4 Acid Digest) Cert	316															1.74
Oreas 72a (4 Acid Digest) Meas	304															1.66
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	396		1.9	12.8	1.7					22.9		34.8	353	0.268	0.100	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	376		2.0	13.0	1.8					23.2		35.2	356	0.306	0.108	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 98 (4 Acid) Meas	> 10000									304						15.2
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
DNC-1a Meas	101			1.9						7.2	29			0.264		
DNC-1a Cert	100			2.0						6.3	31			0.29		
DNC-1a Meas											28			0.265		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas																1.17
OREAS 13b (4-Acid) Cert																1.2
OREAS 904 (4 ACID) Meas	5870	0.2		3.2	0.5	< 0.1	1.6		0.54	11.4	11	15.4	9.3		0.094	0.06
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
OREAS 904 (4 ACID) Meas											12				0.108	0.07
OREAS 904 (4 ACID) Cert											11.2				0.0980	0.0630
SBC-1 Meas	31.8		0.5	3.4	0.5	1.0	1.5		0.94	36.8	21	15.7	5.8	0.501		
SBC-1 Cert	31.0		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
SBC-1 Meas											20			0.487		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	361			1.5	0.2	< 0.1	< 0.1		0.29	22.2	51	15.3	2.8	0.204	0.036	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 96 (4 Acid) Meas																4.27
OREAS 96 (4 Acid) Cert																4.19
OREAS 96 (4 Acid) Meas																4.14
OREAS 96 (4 Acid) Cert																4.19
OREAS 621 (4 Acid) Meas	3530			1.0	0.2		2.0		2.14	> 5000	6	6.2	2.9	0.180	0.037	4.61
OREAS 621 (4	3630			0.990	0.140		2.35		1.96	13600	6.24	7.48	2.83	0.149	0.0359	4.48

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
Acid) Cert																
OREAS 522 (4 Acid) Meas											10			0.331	0.082	2.35
OREAS 522 (4 Acid) Cert											10.9			0.344	0.0890	2.50
OREAS 228b (Fire Assay) Meas																
OREAS 228b (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
LS02 Orig	8.9	< 0.1	0.1	0.8	0.1	< 0.1	0.3	0.002	0.29	15.3	6	6.7	1.3	0.242	0.047	0.02
LS02 Dup	9.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.002	0.29	15.5	6	5.7	1.2	0.240	0.044	0.02
LS15 Orig	11.3	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	15.6	6	6.0	1.2	0.143	0.029	0.02
LS15 Dup	10.2	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.28	15.0	6	5.0	1.2	0.187	0.024	0.02
LS18 Orig																
LS18 Dup																
Method Blank																
Method Blank																
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.003	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.002	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01

Appendix E – Prospecting Station ID's

Traverse #	Supervisor	Geo/Tech	Geo/Tech	Geo/Tech	Station_ID	Date	Team	Easting	Northing	Zone_Area	Rx Code	Description	Station_Type	Struc_Type	Intensity	Az	Dip_Dir	Dip	Dir	Code	Comment
1	Dave	Terry	Tim		2020TH001	07-Jul-20	TNT	658976.307	5396563.891	TT8/Kaby Zone	4e	Pegmatite,	F								
2	Dave	Andrew	Mike		2020AW001	08-Jul-20	Mike	659203.9796	5396301.652	Roberts Rd	5B	FL1 5B14	F								
2					2020AW003	08-Jul-20	Mike	659486.4764	5396126.909	Roberts Rd	1A	FL1A9	F								LG TILL MOUNT
2					2020AW005	08-Jul-20	Mike	659947.0778	5395848.016	Roberts Rd	5A	FL2 5A2	F								
2					2020AW006	08-Jul-20	Mike	659968.6742	5395847.41	Roberts Rd	5A	FL 5A	F								
2					2020AW007	08-Jul-20	Mike	659996.1099	5395892.248	Roberts Rd	1A	FL 1A	F								
2					2020AW008	08-Jul-20	Mike	659626.1802	5396188.617	Roberts Rd	5B	FL 5B11	F								
2					2020AW011	08-Jul-20	Mike	658972.353	5396547.704	Roberts Rd	1B	OC 1B1	OC	Foliation		310	40	10		17	
2					2020AW012	08-Jul-20	Mike	658965.539	5396598.457	Roberts Rd	1A	785501	OC	Foliation		360	90	10		17	
2					2020AW013	08-Jul-20	Mike	658968.9684	5396633.146	Roberts Rd	5A	OC 5A1	OC								
3	Dave	Terry	Tim		2020TH004	09-Jul-20	TNT	659034.908	5397844.069	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH005	09-Jul-20	TNT	659113.928	5397848.092	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH006	09-Jul-20	TNT	659152.308	5398002.803	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH007	09-Jul-20	TNT	659358.081	5397981.068	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH008	09-Jul-20	TNT	659466.894	5398223.882	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH009	09-Jul-20	TNT	660263.615	5398675.436	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH010	09-Jul-20	TNT	660115.749	5398749.848	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH011	09-Jul-20	TNT	659882.139	5398654.303	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20	E	17	
3					2020TH012	09-Jul-20	TNT	659841.831	5398444.137	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	30	SE	17	
3					2020TH018	09-Jul-20	TNT	658782.067	5397900.426	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		10	100	10	E	17	
3					2020TH019	09-Jul-20	TNT	658864.124	5397880.392	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	15	E	17	
3					2020TH020	09-Jul-20	TNT	659559.985	5398366.913	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	20	SE	17	
3					2020TH021	09-Jul-20	TNT	659945.151	5398703.047	TT8/Kaby Zone	3a	Silicified Greywacke	OC	Foliation		60	150			17	
3					2020TH022	09-Jul-20	TNT	659804.94	5398627.961	TT8/Kaby Zone	3a	Silicified Greywacke Shist	OC	Foliation		60	150	20	SE	17	
3					2020TH023	09-Jul-20	TNT	659997.623	5398726.568	TT8/Kaby Zone	3a	Silicified Greywacke	OC	Foliation		60	150			17	
3					2020TH017	09-Jul-20	TNT	659732.492	5398331.779	TT8/Kaby Zone	3d	Iron Formation - Small Rusty Mineralized Zone	OC	Shear		40	130	35	SE	32	
3					2020TH015	09-Jul-20	TNT	660124.829	5398591.813	TT8/Kaby Zone	4e	Granite - Pegmetite	OC								
3					2020TH016	09-Jul-20	TNT	659924.075	5398675.415	TT8/Kaby Zone	4e	Granite - Pegmetite	OC								
3					2020TH013	09-Jul-20	TNT	659437.259	5398266.638	TT8/Kaby Zone	7a	Diabase	OC								
3					2020TH014	09-Jul-20	TNT	659942.937	5398574.163	TT8/Kaby Zone	7a	Diabase	OC								
4	Dave	Andrew	Mike		2020AW014	10-Jul-20	Mike	658760.4633	5396260.708	Roberts Rd	1A	785502	F								785502 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py with moderate rusting.
4					2020AW015	10-Jul-20	Mike	658801.7854	5396289.02	Roberts Rd	3A	FL SILICIFIED SEDS? OR 4B	F								
4					2020AW017	10-Jul-20	Mike	658876.8541	5396209.72	Roberts Rd	5A	FL 5A2	F								
4					2020AW018	10-Jul-20	Mike	658826.4035	5396069.58	Roberts Rd	5A	FL 5A1	F								
4					2020AW019	10-Jul-20	Mike	658811.4317	5396000.187	Roberts Rd	5B	FL 5B4	F								
4					2020AW020	10-Jul-20	Mike	658852.9167	5395903.144	Roberts Rd	1A	FL1A10	F								
4					2020AW021	10-Jul-20	Mike	658854.265	5395896.944	Roberts Rd	1A	785503	F								785503 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py with moderate rusting.
4					2020AW022	10-Jul-20	Mike	659034.0411	5395883.241	Roberts Rd	5B	FL 5B12	F								
4					2020AW024	10-Jul-20	Mike	659266.0989	5395724.306	Roberts Rd	5A	FL 5A21	F								
4					2020AW025	10-Jul-20	Mike	659310.5551	5395678.399	Roberts Rd	5B	FL 5B21	F								
4					2020AW026	10-Jul-20	Mike	659325.0435	5395663.575	Roberts Rd	5B	FL 5B31	F								
4					2020AW027	10-Jul-20	Mike	659362.3913	5395572.412	Roberts Rd	5B	FL 5B41	F								
4					2020AW030	10-Jul-20	Mike	659059.4787	5395645.689	Roberts Rd	5A	FL 5A3	F								
4					2020AW016	10-Jul-20	Mike	658820.4025	5396317.92	Roberts Rd	5A	OC 5A2	OC								
4					2020AW028	10-Jul-20	Mike	659281.2746	5395547.862	Roberts Rd	5B	OC5B13	OC								Visible contact between 3a and 4E/5A
4					2020AW029	10-Jul-20	Mike	659260.8367	5395538.722	Roberts Rd	5A	OC 5A11	OC								KSPAR HORNE; Potentially Syenite
5		Terry	Tim		2020TH025	10-Jul-20	TNT	659094.77	5397223.496	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		15	105	20	E	17	KSPAR HORNE; Potentially Syenite
5					2020TH026	10-Jul-20	TNT	659126.774	5397359.117	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		30	120	20	E	17	KSPAR HORNE; Potentially Syenite
5					2020TH024	10-Jul-20	TNT	658984.262	5397208.017	TT8/Kaby Zone	4e	Granite - Pegmetite	OC								
6	Dave	Andrew	Mike		2020AW031	11-Jul-20	Mike	658552.1651	5396062.269	Roberts Rd	1A	785504	F								785504 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. Up to 1% disseminated py with moderate rusting.
6					2020AW032	11-Jul-20	Mike	658549.4235	5396062.965	Roberts Rd	QV	785505	F								785505 - Float Sample. Cg quartz vein within a granite/granodiorite host rock. Quartz contains minor amounts of rusting and sulphides (<1%)
6					2020AW035	11-Jul-20	Mike	658583.0546	5395779.818	Roberts Rd	5B	FL 5B5	F								
6					2020AW036	11-Jul-20	Mike	658614.5253	5395726.647	Roberts Rd	5B	FL 5B111	F								
6					2020AW037	11-Jul-20	Mike	658618.6781	5395699.623	Roberts Rd	4B	FL4B1	F								

6					2020AW038	11-Jul-20	Mike	658610.7813	5395697.731	Roberts Rd	1A	785506	F								785506 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides.
6					2020AW039	11-Jul-20	Mike	658602.0552	5395701.596	Roberts Rd	1A	785507	F								785507 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with 1-2% sulphides within minor quartz stringers.
6					2020AW040	11-Jul-20	Mike	658902.9686	5395350.032	Roberts Rd	5B	FL 5B211	F								
6					2020AW041	11-Jul-20	Mike	658931.6922	5395368.309	Roberts Rd	7A	FL 7A1	F								
6					2020AW042	11-Jul-20	Mike	658944.0704	5395396.585	Roberts Rd	5B	FL 5B311	F								
6					2020AW043	11-Jul-20	Mike	659124.0096	5395299.784	Roberts Rd	5B	FL5B37	F								
6					2020AW044	11-Jul-20	Mike	659165.3242	5395289.394	Roberts Rd	5B	FL5B118	F								
6					2020AW047	11-Jul-20	Mike	659344.9907	5395129.861	Roberts Rd	5A	FL5A5B	F								PINK
6					2020AW048	11-Jul-20	Mike	659180.8047	5395089.043	Roberts Rd	5B	FL5B5A	F								PINK
6					2020AW049	11-Jul-20	Mike	659056.3711	5395157.821	Roberts Rd	5B	FL5B212	F								
6					2020AW050	11-Jul-20	Mike	658381.7302	5395534.19	Roberts Rd	5B	FL 5B411	F								
6					2020AW033	11-Jul-20	Mike	658323.4347	5395637.662	Roberts Rd	5A	OC 5A21	OC								
6					2020AW034	11-Jul-20	Mike	658296.8033	5395641.917	Roberts Rd	5A	OC 5A111	OC								CONTACT
6					2020AW045	11-Jul-20	Mike	659240.2974	5395247.802	Roberts Rd	5A	OC 5A5B	OC								
7	Dave	Andrew	Mike		2020AW051	12-Jul-20	Mike	658967.7481	5396447.789	Roberts Rd	1A	785508	F								785508 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py within minor quartz veinlets.
7					2020AW052	12-Jul-20	Mike	658964.6193	5396436.018	Roberts Rd	1A	785509	F								785509 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides associated with silicification.
7					2020AW053	12-Jul-20	Mike	658966.7499	5396436.19	Roberts Rd	1A	785510	F								785510 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides associated with silicification.
7					2020AW054	12-Jul-20	Mike	658974.1402	5396697.59	Roberts Rd	1A	785511	F								785511 - Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides (po, py, and cpy) associated with silicification.
7					2020AW055	12-Jul-20	Mike	658615.304	5397956.105	Roberts Rd	QV	785512	F								785512 - Float Sample. Quartz vein following a 1A/5B contact with in the host rock. Minor rusting and <1% mo.
8	Dave	Andrew	Mike		2020AW056	13-Jul-20	Mike	657570.6779	5395296.327	Roberts Rd	5A	FL 5A4	F								
8					2020AW057	13-Jul-20	Mike	657480.1636	5395364.759	Roberts Rd	5E	FL 3A1	F								
8					2020AW058	13-Jul-20	Mike	657410.3534	5395446.005	Roberts Rd	5E	FL 5B7	F								
8					2020AW059	13-Jul-20	Mike	657391.7161	5395459.272	Roberts Rd	5E	FL 5B121	F								
8					2020AW060	13-Jul-20	Mike	657335.1089	5395432.1	Roberts Rd	5E	FL 5B22	F								
8					2020AW061	13-Jul-20	Mike	657306.1712	5395403.037	Roberts Rd	5E	FL 5B32	F								
8					2020AW064	13-Jul-20	Mike	657252.4667	5395587.634	Roberts Rd	5E	FL 5B42	F								
8					2020AW065	13-Jul-20	Mike	657242.315	5395674.107	Roberts Rd	5E	FL 5B51	F								
8					2020AW066	13-Jul-20	Mike	657662.0971	5395387.332	Roberts Rd	5A	FL 5A11	F								
8					2020AW067	13-Jul-20	Mike	657277.8803	5395383.699	Roberts Rd	QV	785513	F								785513 - Float Sample. Cg Smokey grey quartz vein within greywacke host rock. Minor rusted weathering.
8					2020AW062	13-Jul-20	Mike	657298.1225	5395401.255	Roberts Rd	5E	OC 5B3	OC								AZ45 D10
8					2020AW063	13-Jul-20	Mike	657281.8127	5395460.311	Roberts Rd	5E	OC 5A5B1	OC								
9		Terry	Tim		2020TH028	13-Jul-20	TNT	659442.687	5398539.109	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	15	E		
9					2020TH032	13-Jul-20	TNT	659495.492	5398677.664	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	15	E	17	
9					2020TH034	13-Jul-20	TNT	659621.361	5398641.201	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	15	E	17	
9					2020TH035	13-Jul-20	TNT	659544.434	5398670.041	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		30	120			17	A40 D30
9					2020TH036	13-Jul-20	TNT	659782.108	5398953.8	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		30	120	25	E	17	
9					2020TH037	13-Jul-20	TNT	659707.851	5398932.998	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		30	120	25	E	17	
9					2020TH038	13-Jul-20	TNT	659676.1471	5398805.727	TT8/Kaby Zone	3a	Silicified altered greywacke Sediment	OC	Foliation		360	90	10	E	17	
9					2020TH039	13-Jul-20	TNT	659944.7278	5398833.963	TT8/Kaby Zone	3a	Silicified Greywacke	OC	Foliation		65	155			17	
9					2020TH040	13-Jul-20	TNT	659945.151	5398703.047	TT8/Kaby Zone	3a	Silicified Greywacke	OC								
9					2020TH041	13-Jul-20	TNT	659804.9398	5398627.961	TT8/Kaby Zone	3a	Silicified greywacke Schist	OC	Foliation		60	150	20	SE	17	
9					2020TH033	13-Jul-20	TNT	659924.075	5398675.415	TT8/Kaby Zone	4e	Granite - Pegmetite	OC			360	90	10	E		
9					2020TH027	13-Jul-20	TNT	659882.139	5398654.303	TT8/Kaby Zone	7a	Diabase	OC								CONTACT
9					2020TH029	13-Jul-20	TNT	659626.578	5398980.072	TT8/Kaby Zone	7a	Diabase	OC								
9					2020TH030	13-Jul-20	TNT	659775.474	5398773.406	TT8/Kaby Zone	7a	Diabase	OC								
9					2020TH031	13-Jul-20	TNT	659692.281	5398900.741	TT8/Kaby Zone	7a	Diabase	OC								
10	Dave	Andrew	Mike		2020AW068	14-Jul-20	Mike	658680.669	5395085.665	Roberts Rd	3A	FL 3A2	F								
10					2020AW069	14-Jul-20	Mike	659161.9526	5394860.474	Roberts Rd	5A	FL 5A5	F								
10					2020AW071	14-Jul-20	Mike	659151.527	5394851.497	Roberts Rd	5A	FL 5A211	F								
10					2020AW072	14-Jul-20	Mike	659144.0363	5394814.353	Roberts Rd	5B	FL 5B8	F								

10					2020AW073	14-Jul-20	Mike	659133.8671	5394798.941	Roberts Rd	5B	FL 5B13	F								
10					2020AW074	14-Jul-20	Mike	658603.1594	5394943.429	Roberts Rd	5B	FL 5B23	F								
11		Terry	Tim		2020TH053	14-Jul-20	TNT	660502.6065	5396883.065	TT8/Kaby Zone	5b	Granodiorite Boulders	F								
11					2020TH042	14-Jul-20	TNT	660139.4047	5397184.599	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH043	14-Jul-20	TNT	660384.45	5396965.009	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH044	14-Jul-20	TNT	660501.4843	5397012.405	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH045	14-Jul-20	TNT	660494.8284	5397039.254	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH046	14-Jul-20	TNT	660467.6334	5397142.924	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH047	14-Jul-20	TNT	660504.2276	5397312.615	TT8/Kaby Zone	5b	Granodiorite	OC								
11					2020TH048	14-Jul-20	TNT	660357.7604	5397458.038	TT8/Kaby Zone	5b	Granodiorite	OC								AZ25 D20
11					2020TH049	14-Jul-20	TNT	660272.2482	5397611.221	TT8/Kaby Zone	5b	Granodiorite	OC								Outcrop Sample (Az25 Dip20); Mineralized mafic tuff outcrop with up to 5% disseminated sulphides and moderate to heavy rusting.
11					2020TH050	14-Jul-20	TNT	660048.3005	5397348.077	TT8/Kaby Zone	5b	Granodiorite	OC								OC CONTACT 3A 5E
11					2020TH051	14-Jul-20	TNT	659770.3299	5397453.688	TT8/Kaby Zone	5b	Granodiorite	OC								A25 D25 INT TUFF?
11					2020TH052	14-Jul-20	TNT	660488.6092	5397354.219	TT8/Kaby Zone	7a	Diabase	OC								
12	Dave	Terry	Tim		2020AW089	15-Jul-20	Tim/Terry	658360.3347	5398116.979	Roberts Rd	5E	785523	F								785523 - Float Sample; quartz vein hosted in fg biotite altered sediment (argillite?). Qv is Smokey in colour, cg, rusted with ~1% sulphides.
12					2020AW094	15-Jul-20	Tim/Terry	658256.1137	5398087.891	Roberts Rd	5A	FI 5A5B	F								
12					2020AW075	15-Jul-20	Tim/Terry	658380.7157	5398130.235	Roberts Rd	5A	OC 5A3	OC								
12					2020AW076	15-Jul-20	Tim/Terry	658513.2144	5398028.751	Roberts Rd	5A	OC 5A12	OC								
12					2020AW077	15-Jul-20	Tim/Terry	658568.1158	5398010.835	Roberts Rd	5E	OC 5E	OC	Foliation		20	110	10		17	
12					2020AW078	15-Jul-20	Tim/Terry	658530.6878	5398009.553	Roberts Rd	3A	OC 3A1	OC	Foliation		20	110	20		17	Outcrop Sample (Az25 Dip20); Mineralized mafic tuff outcrop with up to 5% disseminated pyrite and moderate to heavy rusting.
12					2020AW079	15-Jul-20	Tim/Terry	658488.1064	5398023.593	Roberts Rd	3A	OC 3A2	OC	Foliation		20	110	20		17	Outcrop Sample (Az25 Dip20); Mineralized mafic tuff outcrop with up to 5% disseminated pyrite and moderate to heavy rusting.
12					2020AW080	15-Jul-20	Tim/Terry	658472.2414	5398056.403	Roberts Rd	3A	OC 3A3	OC	Foliation		20	110	20		17	Outcrop Sample (Az25 Dip20); narrow quartz veinlet along a tonalite/mafic contact containing trace sulphides.
12					2020AW081	15-Jul-20	Tim/Terry	658426.0736	5398056.767	Roberts Rd	3A	OC 3A4	OC								
12					2020AW082	15-Jul-20	Tim/Terry	658432.5993	5398062.956	Roberts Rd	3A	785516	OC								
12					2020AW083	15-Jul-20	Tim/Terry	658434.0321	5398064.218	Roberts Rd	QV	785517	OC								
12					2020AW084	15-Jul-20	Tim/Terry	658433.7642	5398063.437	Roberts Rd	3A	785518	OC								
12					2020AW085	15-Jul-20	Tim/Terry	658434	5398064	Roberts Rd	3A	785519	OC								
12					2020AW087	15-Jul-20	Tim/Terry	658431.211	5398088.502	Roberts Rd	QV	785521	OC								
12					2020AW088	15-Jul-20	Tim/Terry	658426.0041	5398077.567	Roberts Rd	3A	785522	OC								
12					2020AW090	15-Jul-20	Tim/Terry	658359.9551	5398112.073	Roberts Rd	5E	785524	OC	Foliation		15	105	10		17	
12					2020AW091	15-Jul-20	Tim/Terry	658394.5937	5398105.49	Roberts Rd	5A	OC5A3	OC								
12					2020AW092	15-Jul-20	Tim/Terry	658320.5535	5398089.375	Roberts Rd	4E	OC 4ESEDS CONTACT	OC								
12					2020AW093	15-Jul-20	Tim/Terry	658305.0049	5398108.181	Roberts Rd	5E	OC QTZPORPH?	OC	Foliation		35	125	15		17	
12					2020AW095	15-Jul-20	Tim/Terry	658712.0364	5398137.937	Roberts Rd	5E	OC 5E5A	OC								
12					2020AW096	15-Jul-20	Tim/Terry	658763.4381	5398173.434	Roberts Rd	7A	OC7A2	OC								
12					2020AW097	15-Jul-20	Tim/Terry	658775.9422	5398217.946	Roberts Rd	3A	OC SEDS	OC	Foliation		20	110	20		17	
12					2020AW098	15-Jul-20	Tim/Terry	658774.9156	5398249.18	Roberts Rd	1A	OC TUFF?	OC								
12					2020AW099	15-Jul-20	Tim/Terry	658754.7253	5398265.401	Roberts Rd	3A	785525	OC								
12					2020AW100	15-Jul-20	Tim/Terry	658746.9409	5398267.297	Roberts Rd	3A	OC3A	OC								
12					2020AW101	15-Jul-20	Tim/Terry	658791.3012	5398343.751	Roberts Rd	3A	OC3A1	OC								
12					2020AW102	15-Jul-20	Tim/Terry	658782.0029	5398310.667	Roberts Rd	3A	785526	OC								
12					2020AW103	15-Jul-20	Tim/Terry	658814.2288	5398399.458	Roberts Rd	3A	OC3A2	OC								
12					2020AW104	15-Jul-20	Tim/Terry	658841.3002	5398451.955	Roberts Rd	3A	OC3A3	OC								
12					2020AW105	15-Jul-20	Tim/Terry	658847.9335	5398456.926	Roberts Rd	3A	OC5A1	OC								
12					2020AW106	15-Jul-20	Tim/Terry	658869.8755	5398534.526	Roberts Rd	3A	OC3A4	OC								
12					2020AW107	15-Jul-20	Tim/Terry	658887.73	5398556.505	Roberts Rd	5A	OC 5A211	OC								
12					2020AW108	15-Jul-20	Tim/Terry	658910.6552	5398563.048	Roberts Rd	5A	OC5A2	OC								
12					2020AW109	15-Jul-20	Tim/Terry	659005.8691	5398618.475	Roberts Rd	3A	OC3A5	OC								
12					2020AW110	15-Jul-20	Tim/Terry	659024.6806	5398627.354	Roberts Rd	7A	OC7A1	OC								
13	Dave	Terry	Tim		2020AW111	16-Jul-20	Tim/Terry	659996.4514	5398847.337	Roberts Rd	3A	FL3A	F								
13					2020AW113	16-Jul-20	Tim/Terry	660043.1574	5398848.456	Roberts Rd	3A	FL 3A 5B	F								
13					2020AW115	16-Jul-20	Tim/Terry	660449.9071	5398827.154	Roberts Rd	3A	FL3AOR4C?	F								
13					2020AW116	16-Jul-20	Tim/Terry	660501.0704	5398821.504	Roberts Rd	3A	FL3A1	F								
13					2020AW117	16-Jul-20	Tim/Terry	660556.2863	5398813.295	Roberts Rd	3A	FL3A2	F								
13					2020AW118	16-Jul-20	Tim/Terry	660631.0308	5398765.824	Roberts Rd	5B	FI5B	F								

13					2020AW124	16-Jul-20	Tim/Terry	661494.4739	5399317.583	Roberts Rd	1A	FL1A23	F								
13					2020AW125	16-Jul-20	Tim/Terry	661523.3146	5399320.531	Roberts Rd	1B	FL1B2	F								
13					2020AW126	16-Jul-20	Tim/Terry	661499.4433	5399398.157	Roberts Rd	1A	FL1A13	F								
13					2020AW127	16-Jul-20	Tim/Terry	661395.8629	5399498.848	Roberts Rd	5A	FL5A	F								
13					2020AW128	16-Jul-20	Tim/Terry	661452.3936	5399705.384	Roberts Rd	3A	FL SEDS1	F								
13					2020AW138	16-Jul-20	Tim/Terry	660865.8633	5399372.258	Roberts Rd	5A	FL5A1	F								
13					2020AW112	16-Jul-20	Tim/Terry	660021.8972	5398848.064	Roberts Rd	3A	OC SEDS SILICIFIED	OC								
13					2020AW114	16-Jul-20	Tim/Terry	660103.2097	5398864.185	Roberts Rd	3A	OC3A6	OC								
13					2020AW119	16-Jul-20	Tim/Terry	661365.8672	5399196.077	Roberts Rd	5A	OC5A31	OC								
13					2020AW120	16-Jul-20	Tim/Terry	661403.7462	5399212.301	Roberts Rd	5A	OC5A11	OC								
13					2020AW121	16-Jul-20	Tim/Terry	661419.1351	5399260.577	Roberts Rd	5A	OC5A21	OC								
13					2020AW122	16-Jul-20	Tim/Terry	661418.4309	5399285.023	Roberts Rd	1A	OC1A14	OC								
13					2020AW123	16-Jul-20	Tim/Terry	661409.9537	5399275.213	Roberts Rd	1A	OC1A15	OC	Foliation		50	140	25		17	
13					2020AW129	16-Jul-20	Tim/Terry	661558.1672	5399809.219	Roberts Rd	3A	OC SEDS2	OC	Foliation		60	150	35		17	
13					2020AW130	16-Jul-20	Tim/Terry	661553.4555	5399908.87	Roberts Rd	7A	OC7A3	OC								
13					2020AW131	16-Jul-20	Tim/Terry	661591.2363	5399892.384	Roberts Rd	3A	OC SEDS1	OC								
13					2020AW132	16-Jul-20	Tim/Terry	661477.7778	5400040.062	Roberts Rd	3A	OC 3A5	OC								
13					2020AW133	16-Jul-20	Tim/Terry	661469.9115	5400044.842	Roberts Rd	3A	OC3A11	OC								
13					2020AW134	16-Jul-20	Tim/Terry	661428.5356	5400053.216	Roberts Rd	7A	OC7A11	OC								
13					2020AW135	16-Jul-20	Tim/Terry	661411.472	5400065.517	Roberts Rd	7A	OC7A21	OC								
13					2020AW136	16-Jul-20	Tim/Terry	661398.921	5400056.922	Roberts Rd	3A	OC3A21	OC	Foliation		70	160	30		17	
13					2020AW137	16-Jul-20	Tim/Terry	661312.2181	5399967.99	Roberts Rd	3A	OC3A31	OC	Foliation		110	200	30		17	
14	Dave	Terry	Tim		2020AW141	17-Jul-20	Tim/Terry	658637.1899	5398946.188	Roberts Rd	5B	FL5B38	F								
14					2020AW146	17-Jul-20	Tim/Terry	658255.4332	5399076.447	Roberts Rd	5B	FL5B119	F								
14					2020AW151	17-Jul-20	Tim/Terry	658407.691	5398660.269	Roberts Rd	4E	FI4E	F								
14					2020AW154	17-Jul-20	Tim/Terry	658723.9499	5398749.085	Roberts Rd	5E	FI3A 4C	F								
14					2020AW157	17-Jul-20	Tim/Terry	659068.7467	5399006.924	Roberts Rd	5B	FL5B213	F								
14					2020AW139	17-Jul-20	Tim/Terry	658683.9066	5398816.808	Roberts Rd	5E	OC 3A OR 4C	OC								
14					2020AW140	17-Jul-20	Tim/Terry	658666.1896	5398860.362	Roberts Rd	5E	OC3A7	OC	Foliation		55	145	30		17	
14					2020AW142	17-Jul-20	Tim/Terry	658595.1008	5399000.4	Roberts Rd	4E	FL4E6	OC								
14					2020AW143	17-Jul-20	Tim/Terry	658596.5368	5399022.464	Roberts Rd	5A	OC5A4	OC								
14					2020AW144	17-Jul-20	Tim/Terry	658504.6886	5399090.056	Roberts Rd	5E	OC3A OR SHR 4C?	OC								
14					2020AW145	17-Jul-20	Tim/Terry	658353.5402	5399115.377	Roberts Rd	5E	OC3AOR4C	OC								
14					2020AW147	17-Jul-20	Tim/Terry	658207.742	5399003.465	Roberts Rd	5E	OC3A 4C?	OC								
14					2020AW148	17-Jul-20	Tim/Terry	658134.0047	5398945.767	Roberts Rd	5E	OC3A 4C	OC								NO AZ OR DIP ON THE MAFICS; 4E 1A 5B on the outcrop
14					2020AW149	17-Jul-20	Tim/Terry	658087.0782	5398853.451	Roberts Rd	5E	OC3A 4C1	OC								
14					2020AW150	17-Jul-20	Tim/Terry	658147.1915	5398778.393	Roberts Rd	5E	OC3A4C	OC	Foliation		10	100	10		17	
14					2020AW152	17-Jul-20	Tim/Terry	658501.9119	5398659.93	Roberts Rd	5E	OC3A4C1	OC								A308D60
14					2020AW153	17-Jul-20	Tim/Terry	658614.9313	5398627.529	Roberts Rd	5E	OC3A4C2	OC								
14					2020AW155	17-Jul-20	Tim/Terry	658871.8123	5398793.321	Roberts Rd	7A	OC7A4	OC								
14					2020AW156	17-Jul-20	Tim/Terry	658979.8533	5398858.566	Roberts Rd	3A	OC3A4C3	OC								
14					2020AW158	17-Jul-20	Tim/Terry	659066.3649	5398963.696	Roberts Rd	3A	OC3A 4C2	OC								
14					2020AW159	17-Jul-20	Tim/Terry	658770.6147	5399071.337	Roberts Rd	5E	OC3A 4C3	OC								
15	Dave	Terry	Tim		2020AW162	20-Jul-20	Tim/Terry	657541.5086	5397037.482	Roberts Rd	5E	FL4C	F								
15					2020AW163	20-Jul-20	Tim/Terry	657524.0782	5397068.143	Roberts Rd	4E	FL4E12	F								
15					2020AW165	20-Jul-20	Tim/Terry	657766.3233	5397119.558	Roberts Rd	5E	FL4C1	F								
15					2020AW166	20-Jul-20	Tim/Terry	657970.2373	5397203.834	Roberts Rd	5E	FL4C2	F								
15					2020AW169	20-Jul-20	Tim/Terry	658114.4587	5397389.322	Roberts Rd	3A	Sediment	F								Float with 3a 5E contact
15					2020AW172	20-Jul-20	Tim/Terry	657306.931	5396310.97	Roberts Rd	5E	FL4C 5B	F								
15					2020AW173	20-Jul-20	Tim/Terry	657368.9669	5396097.023	Roberts Rd	5E	FL5B124	F								
15					2020AW174	20-Jul-20	Tim/Terry	657793.5714	5396412.74	Roberts Rd	5E	FL 4C 5B	F								
15					2020AW175	20-Jul-20	Tim/Terry	658030.8115	5396731.665	Roberts Rd	5E	FL5B221	F								
15					2020AW185	20-Jul-20	Tim/Terry	657962.9288	5396713.175	Roberts Rd	3A	FI 3A4C	F								
15					2020AW161	20-Jul-20	Tim/Terry	657424.6746	5396927.079	Roberts Rd	5E	OC4C	OC	Foliation		20	110	20		17	
15					2020AW164	20-Jul-20	Tim/Terry	657491.4268	5397161.331	Roberts Rd	5E	OC4C1	OC								
15					2020AW167	20-Jul-20	Tim/Terry	658054.45	5397217.442	Roberts Rd	3A	OC4C2	OC	Foliation		20	110	20		17	CONTACT
15					2020AW168	20-Jul-20	Tim/Terry	658062.3514	5397320.889	Roberts Rd	3A	OC3A678	OC								
15					2020AW170	20-Jul-20	Tim/Terry	658107.1061	5397509.141	Roberts Rd	7A	OC7A5	OC								ALTERNATING BTW 5B AND 4E
15					2020AW171	20-Jul-20	Tim/Terry	657190.1249	5396453.64	Roberts Rd	5E	OC4C 5B	OC								
15					2020AW176	20-Jul-20	Tim/Terry	658052.8703	5396785.013	Roberts Rd	5E	OC 4C5B	OC								
15					2020AW177	20-Jul-20	Tim/Terry	658004.6341	5396675.535	Roberts Rd	5E	OC4C 5B1	OC	Foliation		15	105			17	NO FOLIATION
15					2020AW179	20-Jul-20	Tim/Terry	657999.7778	5396625.786	Roberts Rd	5E	OC3A8	OC								NO FOLIATION
15					2020AW180	20-Jul-20	Tim/Terry	657999.676	5396647.582	Roberts Rd	5E	OC3A12	OC	Foliation		15	105			17	
15					2020AW181	20-Jul-20	Tim/Terry	658005.3575	5396621.16	Roberts Rd	5E	OC3A22	OC	Foliation		15	105			17	A30 D60 WEAK FOL

15					2020AW182	20-Jul-20	Tim/Terry	658008.9069	5396620.477	Roberts Rd	5E	785529	OC	Foliation		15	105	15		17	A270D70
15					2020AW183	20-Jul-20	Tim/Terry	658008.0552	5396622.01	Roberts Rd	5E	785530	OC	Foliation		15	105	15		17	
15					2020AW184	20-Jul-20	Tim/Terry	658001.0217	5396644.282	Roberts Rd	5E	785531	OC	Foliation		15	105	15		17	
15					2020AW186	20-Jul-20	Tim/Terry	657930.5032	5396753.539	Roberts Rd	3A	OC3A32	OC	Foliation		15	105	15		17	
15					2020AW187	20-Jul-20	Tim/Terry	657929.5506	5396753.4	Roberts Rd	QV	785532	OC	Foliation		15	105	15		17	
15					2020AW188	20-Jul-20	Tim/Terry	657929.241	5396756.505	Roberts Rd	3A	785533	OC	Foliation		15	105	15		17	A80 D70
15					2020AW189	20-Jul-20	Tim/Terry	657932.0281	5396756.808	Roberts Rd	QV	785534	OC	Foliation		15	105	15		17	A80D70
16	Dave	Terry	Tim		2020AW191	21-Jul-20	Tim/Terry	658910.688	5398271.154	Roberts Rd	QV	785535	F								Float Sample; quartz vein hosted in greywacke. Qv is Smokey in colour, cg, heavily rusted with ~5-10% sulphides (po/py), ~8-10cm wide
16					2020AW190	21-Jul-20	Tim/Terry	658915.7211	5398257.059	Roberts Rd	3A	OC3A9	OC	Foliation		50	140	20		17	JUMBLED
16					2020AW193	21-Jul-20	Tim/Terry	658917.3565	5398269.45	Roberts Rd	QV	785537	OC	Foliation		25	115	20		17	A70D30 WKFOL
16					2020AW194	21-Jul-20	Tim/Terry	658919.6861	5398270.411	Roberts Rd	1H	785539	OC	Foliation		30	120	30		17	
16					2020AW195	21-Jul-20	Tim/Terry	658912.003	5398253.28	Roberts Rd	1H	785541	OC	Foliation		40	130	30		17	PINK
16					2020AW196	21-Jul-20	Tim/Terry	658916.9124	5398269.661	Roberts Rd	QV	785540	OC	Foliation		25	115	30		17	
16					2020AW197	21-Jul-20	Tim/Terry	658918.2741	5398271.033	Roberts Rd	3A	785538	OC	Foliation		25	115	20		17	
16					2020AW198	21-Jul-20	Tim/Terry	658709.5243	5397865.328	Roberts Rd	1H	OC1H AZ30 D20? Mineralized	OC								
17	Dave	Andrew	Mike		2020AW199	23-Jul-20	Andrew/Mike	658361.5005	5395622.158	Roberts Rd	1A	785543	F								Float Sample; massive mafic flows, 2-3% sulphides.
17					2020AW200	23-Jul-20	Andrew/Mike	658505.1503	5394887.933	Roberts Rd	1A	FL1A32	F								
17					2020AW201	23-Jul-20	Andrew/Mike	658488.3298	5394860.317	Roberts Rd	5B	FL5B56	F								
17					2020AW202	23-Jul-20	Andrew/Mike	658652.8685	5394612.793	Roberts Rd	5B	FL5B134	F								
17					2020AW203	23-Jul-20	Andrew/Mike	658662.685	5394609.509	Roberts Rd	5B	FL5B231	F								
17					2020AW204	23-Jul-20	Andrew/Mike	658739.2518	5394428.348	Roberts Rd	5B	FL5B311	F								
17					2020AW205	23-Jul-20	Andrew/Mike	658714.5515	5394450.12	Roberts Rd	5A	FL5A2	F								
17					2020AW206	23-Jul-20	Andrew/Mike	658659.6311	5394485.611	Roberts Rd	5B	FL5B411	F								
17					2020AW207	23-Jul-20	Andrew/Mike	658534.9752	5394580.427	Roberts Rd	3B	FLSEDS	F								FG
17					2020AW209	23-Jul-20	Andrew/Mike	658485.9669	5394547.444	Roberts Rd	1A	FI1A	F								
17					2020AW208	23-Jul-20	Andrew/Mike	658517.3964	5394569.133	Roberts Rd	7A	POC7A	POC								
17					2020AW210	23-Jul-20	Andrew/Mike	658490.5742	5394530.335	Roberts Rd	2E	OC 2E	OC	Foliation		30	120	44		17	
17					2020AW211	23-Jul-20	Andrew/Mike	658493.6065	5394530.084	Roberts Rd	QV	785545	OC	Foliation		30	120	44		17	GLACIAL STRIATIONS 20
17					2020AW212	23-Jul-20	Andrew/Mike	658491.8911	5394530.707	Roberts Rd	QV	785546	OC	Foliation		30	120	44		17	POLISHED
17					2020AW213	23-Jul-20	Andrew/Mike	658489.9962	5394532.658	Roberts Rd	2E	785547	OC	Foliation		30	120	4		17	
17					2020AW214	23-Jul-20	Andrew/Mike	658482.2167	5394552.569	Roberts Rd	3A	OC3A10	OC								A250 D70
18		Terry	Tim		2020TH054	23-Jul-20	TNT	658822.641	5397712.915	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
18					2020TH056	23-Jul-20	TNT	658742.522	5397076.582	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
18					2020TH057	23-Jul-20	TNT	658685.772	5397518.375	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	A80 - UNABLE TO SEE DIP - ROOTS & VERY WK FOL
18					2020TH058	23-Jul-20	TNT	658787.659	5397716.036	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	A80 D70
18					2020TH059	23-Jul-20	TNT	659014.466	5397609.56	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
18					2020TH055	23-Jul-20	TNT	658794.425	5396977.941	TT8/Kaby Zone	5b	Granodiorite	OC								
19	Dave	Andrew	Mike		2020AW215	24-Jul-20	Andrew/Mike	658512.4512	5394645.197	Roberts Rd	4E	FI4E1	F								
19					2020AW227	24-Jul-20	Andrew/Mike	658377.6748	5394472.314	Roberts Rd	4E	FL4E21	F								
19					2020AW228	24-Jul-20	Andrew/Mike	658307.0581	5394505.575	Roberts Rd	5A	FL5A3	F								
19					2020AW229	24-Jul-20	Andrew/Mike	658267.3452	5394519.028	Roberts Rd	3A	FL3A3	F								
19					2020AW231	24-Jul-20	Andrew/Mike	658192.5178	5394696.458	Roberts Rd	1H	FL1H	F								
19					2020AW232	24-Jul-20	Andrew/Mike	658204.8575	5394872.783	Roberts Rd	5B	POC 5B	POC								
19					2020AW216	24-Jul-20	Andrew/Mike	658482.1352	5394542.338	Roberts Rd	1H	OC1H	OC	Foliation		30	120	20		17	CONTACT
19					2020AW217	24-Jul-20	Andrew/Mike	658501.5786	5394545.107	Roberts Rd	2E	OCARGILYTE or 2E	OC	Foliation		30	120	40		17	
19					2020AW218	24-Jul-20	Andrew/Mike	658486.3934	5394545.461	Roberts Rd	3A	OCARG/3A	OC	Foliation		30	120	40		17	
19					2020AW219	24-Jul-20	Andrew/Mike	658507.0125	5394553.381	Roberts Rd	1H	OC1H1	OC	Foliation		30	120	40		17	
19					2020AW220	24-Jul-20	Andrew/Mike	658464.9337	5394541.069	Roberts Rd	2E	OC2E	OC								
19					2020AW221	24-Jul-20	Andrew/Mike	658457.6779	5394537.191	Roberts Rd	4E	OC4E7	OC								
19					2020AW222	24-Jul-20	Andrew/Mike	658466.7991	5394529.887	Roberts Rd	1H	OC1H2	OC								
19					2020AW223	24-Jul-20	Andrew/Mike	658477.2021	5394531.85	Roberts Rd	1H	OC1H3	OC	Foliation		30	120	40		17	
19					2020AW224	24-Jul-20	Andrew/Mike	658454.722	5394545.452	Roberts Rd	3A	OC3A13	OC								
19					2020AW225	24-Jul-20	Andrew/Mike	658449.9691	5394557.225	Roberts Rd	3A	785548	OC	Foliation		30	120	40		17	
19					2020AW226	24-Jul-20	Andrew/Mike	658412.4963	5394517.342	Roberts Rd	4E	OC4E12	OC								
19					2020AW230	24-Jul-20	Andrew/Mike	658280.6267	5394513.062	Roberts Rd	4E	OC4E22	OC								
20		Terry	Tim		2020TH070	24-Jul-20	TNT	660033.7524	5398520.578	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		45	135	20	E	17	
20					2020TH076	24-Jul-20	TNT	659890.8209	5398434.96	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		45	135	20		17	
20					2020TH079	24-Jul-20	TNT	659864.5171	5398456.681	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		45	135	20		17	
20					2020TH080	24-Jul-20	TNT	659861.1136	5398465.041	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		50	140	20		17	Outcrop Sample (Az60 Dip65); fg to mg, mafic unit with an intermediate composition. Unit contains minor to moderate amounts of rusting and <<1% finely disseminated sulphides.

20					2020TH077	24-Jul-20	TNT	660050.453	5398489.913	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		40	130	40		17	A200 UNABLE TO MEASURE DIP - WITH 5A INTRUSIONS
20					2020TH078	24-Jul-20	TNT	659925.3005	5398384.886	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		60	150	20		17	
20					2020TH075	24-Jul-20	TNT	659895.3108	5398432.422	TT8/Kaby Zone	3D	Mineralized/Silicified I.F	OC	shear		50	140	20	E	32	A60 D65
20					2020TH060	24-Jul-20	TNT	659992.426	5398336.078	TT8/Kaby Zone	5a	Granite	OC								A60D65
20					2020TH061	24-Jul-20	TNT	660179.43	5398203.367	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH062	24-Jul-20	TNT	660591.2329	5398030.384	TT8/Kaby Zone	5a	Granite	OC								A60 UNABLE TO MEASURE DIP
20					2020TH063	24-Jul-20	TNT	660623.7536	5397984.592	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH064	24-Jul-20	TNT	660677.5362	5398065.221	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH065	24-Jul-20	TNT	660718.7651	5398142.049	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH066	24-Jul-20	TNT	660388.1826	5398311.677	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH067	24-Jul-20	TNT	660249.2781	5398378.679	TT8/Kaby Zone	5a	Granite	OC								A230 D65
20					2020TH068	24-Jul-20	TNT	660125.4993	5398390.601	TT8/Kaby Zone	5a	Granite	OC								Outcrop Sample (Az60 Dip65); fg to mg, mafic unit with an intermediate composition. Unit contains minor to moderate amounts of rusting and <<1% finely disseminated sulphides.
20					2020TH069	24-Jul-20	TNT	660051.9863	5398469.705	TT8/Kaby Zone	5a	Granite	OC								A50 D60
20					2020TH073	24-Jul-20	TNT	659937.2073	5398377.775	TT8/Kaby Zone	5a	Granite	OC								
20					2020TH074	24-Jul-20	TNT	660485.6326	5398101.001	TT8/Kaby Zone	5a	Granite	OC								NO FOL
20					2020TH071	24-Jul-20	TNT	660062.6462	5398449.655	TT8/Kaby Zone	7a	Diabase	OC								
20					2020TH072	24-Jul-20	TNT	660213.8599	5398191.223	TT8/Kaby Zone	7a	Diabase	OC								
21	Dave	Andrew	Mike		2020AW233	25-Jul-20	Andrew/Mike	658512.1263	5398210.368	Roberts Rd	3A	FL3A18	F								
21					2020AW234	25-Jul-20	Andrew/Mike	658521.845	5398205.086	Roberts Rd	1H	FL1H1	F								
21					2020AW235	25-Jul-20	Andrew/Mike	658562.7747	5398215.362	Roberts Rd	3A	FL3A19	F								
21					2020AW236	25-Jul-20	Andrew/Mike	658566.5476	5398204.346	Roberts Rd	3A	FL3A21	F								
21					2020AW237	25-Jul-20	Andrew/Mike	658578.8958	5398210.15	Roberts Rd	3A	FL3A31	F								
21					2020AW240	25-Jul-20	Andrew/Mike	658630.3635	5398298.038	Roberts Rd	3A	FL3A4	F								
21					2020AW242	25-Jul-20	Andrew/Mike	658640.6846	5398328.587	Roberts Rd	3A	F3A	F								
21					2020AW243	25-Jul-20	Andrew/Mike	658613.5397	5398385.217	Roberts Rd	3A	FL3A5	F								
21					2020AW244	25-Jul-20	Andrew/Mike	658708.0516	5398507.471	Roberts Rd	3A	FI3A	F								
21					2020AW245	25-Jul-20	Andrew/Mike	658734.3553	5398540.253	Roberts Rd	5A	FI5A	F								
21					2020AW246	25-Jul-20	Andrew/Mike	658713.5727	5398595.729	Roberts Rd	5E	FL3A6	F								
21					2020AW251	25-Jul-20	Andrew/Mike	658386.4851	5398238.742	Roberts Rd	3A	FL3A8	F								
21					2020AW252	25-Jul-20	Andrew/Mike	658363.588	5398275.251	Roberts Rd	5E	FL3A9	F								
21					2020AW253	25-Jul-20	Andrew/Mike	658361.5405	5398324.358	Roberts Rd	5E	FL3A10	F								
21					2020AW254	25-Jul-20	Andrew/Mike	658359.4802	5398350.332	Roberts Rd	5E	FL3A11	F								
21					2020AW256	25-Jul-20	Andrew/Mike	658203.608	5398422.573	Roberts Rd	5E	FL3A12	F								
21					2020AW257	25-Jul-20	Andrew/Mike	658186.7921	5398488.95	Roberts Rd	5E	FL3A13	F								
21					2020AW259	25-Jul-20	Andrew/Mike	658287.1729	5398575.55	Roberts Rd	5E	FL3A14	F								
21					2020AW260	25-Jul-20	Andrew/Mike	658401.1186	5398627.384	Roberts Rd	5E	FL3A15	F								
21					2020AW261	25-Jul-20	Andrew/Mike	658384.2365	5398576.176	Roberts Rd	5E	FL3A16	F								
21					2020AW262	25-Jul-20	Andrew/Mike	658492.7751	5398537.976	Roberts Rd	3A	FL3A17	F								
21					2020AW238	25-Jul-20	Andrew/Mike	658598.1276	5398199.011	Roberts Rd	4E	POC4E	POC								
21					2020AW249	25-Jul-20	Andrew/Mike	658510.9995	5398455.732	Roberts Rd	5E	POC3A	POC								
21					2020AW255	25-Jul-20	Andrew/Mike	658281.0496	5398409.188	Roberts Rd	5E	POC3A1	POC	Foliation		30	120	20		17	A30 D20
21					2020AW258	25-Jul-20	Andrew/Mike	658233.9014	5398564.368	Roberts Rd	5A	POC5A	POC								PINK
21					2020AW239	25-Jul-20	Andrew/Mike	658577.0203	5398190.516	Roberts Rd	5A	OC5A5	OC								
21					2020AW241	25-Jul-20	Andrew/Mike	658622.8328	5398298.823	Roberts Rd	5A	OC5A12	OC								A50
21					2020AW247	25-Jul-20	Andrew/Mike	658622.7538	5398535.76	Roberts Rd	5E	FL3A7	OC								
21					2020AW248	25-Jul-20	Andrew/Mike	658554.7382	5398538.507	Roberts Rd	5E	OC3A14	OC	Foliation		30	120	20		17	
22	Dave	Andrew	Mike		2020AW263	26-Jul-20	Andrew/Mike	657935.1231	5395831.057	Roberts Rd	5E	FL5B65	F								
22					2020AW264	26-Jul-20	Andrew/Mike	657930.3494	5395838.382	Roberts Rd	5E	FL3A20	F								
22					2020AW265	26-Jul-20	Andrew/Mike	657942.4887	5395857.297	Roberts Rd	5E	FL3A110	F								
22					2020AW267	26-Jul-20	Andrew/Mike	657797.9183	5396098.734	Roberts Rd	5E	FL3A22	F								
22					2020AW268	26-Jul-20	Andrew/Mike	657778.6546	5396131.673	Roberts Rd	5E	FL3A32	F								
22					2020AW269	26-Jul-20	Andrew/Mike	657750.6068	5396081.711	Roberts Rd	5E	FL3A41	F								
22					2020AW273	26-Jul-20	Andrew/Mike	657407.1788	5395874.175	Roberts Rd	5E	FL3A51	F								
22					2020AW275	26-Jul-20	Andrew/Mike	657483.1383	5395673.301	Roberts Rd	1H	FL1H2	F								
22					2020AW276	26-Jul-20	Andrew/Mike	657616.2871	5395636.323	Roberts Rd	5E	FL3A61	F								
22					2020AW277	26-Jul-20	Andrew/Mike	657967.2661	5395769.558	Roberts Rd	5E	FL3A71	F								
22					2020AW278	26-Jul-20	Andrew/Mike	657961.9125	5395499.548	Roberts Rd	5E	FL3A81	F								

22					2020AW279	26-Jul-20	Andrew/Mike	657945.2949	5395464.489	Roberts Rd	5E	785550	F	Foliation							Float Sample; fg/mg, felsic, Rusted/light grey, silicified rock with a clastic/bedded texture. Rock is composed of quartz feldspar and lesser biotite. Up to 1% po and py. Quartz veinlet along surface of sample that is moderately rusted, <1cm wide.
22					2020AW280	26-Jul-20	Andrew/Mike	657904.6159	5395460.342	Roberts Rd	4E	FL4E31	F								
22					2020AW281	26-Jul-20	Andrew/Mike	657891.2495	5395461.522	Roberts Rd	5E	FL3A91	F								
22					2020AW282	26-Jul-20	Andrew/Mike	657763.6877	5395477.617	Roberts Rd	5E	FL3A101	F								
22					2020AW283	26-Jul-20	Andrew/Mike	657744.7997	5395515.574	Roberts Rd	5E	FL3A111	F								
22					2020AW284	26-Jul-20	Andrew/Mike	657675.3356	5395631.642	Roberts Rd	5E	FL3A121	F								
22					2020AW285	26-Jul-20	Andrew/Mike	657716.4094	5395682.082	Roberts Rd	5E	785551	F	Foliation							Float Sample; fg/mg, felsic, Rusted/light grey, silicified rock with a clastic/bedded texture. Rock is composed of quartz, feldspar and lesser biotite. Up to 2% py. Highly rusted outer surface.
22					2020AW286	26-Jul-20	Andrew/Mike	657792.8785	5395725.388	Roberts Rd	5E	FL3A131	F								
22					2020AW271	26-Jul-20	Andrew/Mike	657431.7339	5395933.269	Roberts Rd	5E	POC 3A	POC	Foliation		30	120	20		17	A30 D20
22					2020AW272	26-Jul-20	Andrew/Mike	657427.4049	5395922.136	Roberts Rd	5E	OC3A16	OC								
22					2020AW274	26-Jul-20	Andrew/Mike	657430.5059	5395801.079	Roberts Rd	5E	OC3A23	OC								
23	Dave	Andrew	Mike		2020AW287	27-Jul-20	Andrew/Mike	657562.5853	5396216.479	Roberts Rd	5E	FL3A23	F								
23					2020AW288	27-Jul-20	Andrew/Mike	657515.5492	5396260.434	Roberts Rd	5E	FL3A112	F								
23					2020AW289	27-Jul-20	Andrew/Mike	657503.0698	5396316.698	Roberts Rd	7A	FL7A4	F								
23					2020AW290	27-Jul-20	Andrew/Mike	657462.2299	5396378.739	Roberts Rd	5E	FL3A24	F								
23					2020AW291	27-Jul-20	Andrew/Mike	657443.917	5396417.263	Roberts Rd	5E	785552	F								Float sample; Cg, grey quartz, ~20 cm wide with minor rusting and trace blebby py. QV is hosted in sediments.
23					2020AW292	27-Jul-20	Andrew/Mike	657449.8266	5396458.696	Roberts Rd	5E	FL3A33	F								
23					2020AW294	27-Jul-20	Andrew/Mike	657469.4931	5396649.799	Roberts Rd	5E	FL3A42	F								
23					2020AW296	27-Jul-20	Andrew/Mike	657734.6425	5396832.565	Roberts Rd	5E	FL3A52	F								
23					2020AW297	27-Jul-20	Andrew/Mike	657761.2336	5396845.099	Roberts Rd	7A	FL7A11	F								
23					2020AW298	27-Jul-20	Andrew/Mike	657797.9024	5396944.469	Roberts Rd	5E	FL3A62	F								
23					2020AW299	27-Jul-20	Andrew/Mike	657850.0102	5396960.956	Roberts Rd	QV	785553	F								Float sample; Cg, grey quartz, ~10 cm wide with minor rusting. QV is hosted in sediments.
23					2020AW300	27-Jul-20	Andrew/Mike	658010.6009	5397020.312	Roberts Rd	5A	FL5A4	F								
23					2020AW301	27-Jul-20	Andrew/Mike	658050.7118	5397041.806	Roberts Rd	3A	FL3A72	F								
23					2020AW293	27-Jul-20	Andrew/Mike	657439.4647	5396612.583	Roberts Rd	5E	POC3A2	POC	Foliation		350	80	20		17	A350 D20
23					2020AW295	27-Jul-20	Andrew/Mike	657641.0364	5396715.577	Roberts Rd	5E	POC3A11	POC								
23					2020AW302	27-Jul-20	Andrew/Mike	657957.1095	5396548.604	Roberts Rd	5E	OC3A17	OC	Foliation		310	40			17	
24		Terry	Tim		2020TH094	27-Jul-20	TNT	657486.3122	5397825.611	TT8/Kaby Zone	5a	Granite	OC								
24					2020TH081	27-Jul-20	TNT	657379.5558	5397645.405	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH082	27-Jul-20	TNT	657381.6786	5398012.888	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH083	27-Jul-20	TNT	657563.5494	5397956.031	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH084	27-Jul-20	TNT	657611.4664	5397977.069	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH085	27-Jul-20	TNT	657779.6459	5397849.542	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH086	27-Jul-20	TNT	657732.3269	5397587.469	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH087	27-Jul-20	TNT	657662.6488	5397565.155	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH088	27-Jul-20	TNT	657716.6792	5397531.3	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH089	27-Jul-20	TNT	657575.3501	5397439.114	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH090	27-Jul-20	TNT	657624.2702	5397770.31	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH091	27-Jul-20	TNT	657396.775	5397865.921	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH092	27-Jul-20	TNT	657300.6594	5397920.173	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH095	27-Jul-20	TNT	657179.7224	5397767.619	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH096	27-Jul-20	TNT	657087.8191	5397797.742	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH097	27-Jul-20	TNT	657507.3061	5397977.032	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH098	27-Jul-20	TNT	657734.8453	5397934.825	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	
24					2020TH099	27-Jul-20	TNT	657058.0882	5397616.149	TT8/Kaby Zone	5b	Tonolite	OC	Shear		20	110	20		32	A270D70
24					2020TH093	27-Jul-20	TNT	657629.96	5397981.599	TT8/Kaby Zone	7a	Diabase	OC								
25	Dave	Andrew	Mike		2020AW303	28-Jul-20	Andrew/Mike	653445.641	5396702.887	Roberts Rd	5E	FI5B1	F								
25					2020AW305	28-Jul-20	Andrew/Mike	653418.6667	5396760.439	Roberts Rd	5E	FL5B75	F								
25					2020AW306	28-Jul-20	Andrew/Mike	653397.674	5396841.623	Roberts Rd	5E	FL5B251	F								
25					2020AW307	28-Jul-20	Andrew/Mike	653384.6737	5396948.049	Roberts Rd	5E	FL5B143	F								
25					2020AW310	28-Jul-20	Andrew/Mike	653437.1185	5397119.227	Roberts Rd	5E	FL5B1131	F								
25					2020AW312	28-Jul-20	Andrew/Mike	653633.3602	5397394.235	Roberts Rd	5E	FL5B261	F								
25					2020AW313	28-Jul-20	Andrew/Mike	653630.3443	5396657.895	Roberts Rd	5E	FL5B241	F								
25					2020AW321	28-Jul-20	Andrew/Mike	654645.592	5396912.604	Roberts Rd	5E	FL5B341	F								
25					2020AW329	28-Jul-20	Andrew/Mike	657012.6407	5397609.207	Roberts Rd	5E	FL5B431	F								

25					2020AW340	28-Jul-20	Andrew/Mike	657219.0992	5398529.023	Roberts Rd	5E	FL 6B	F								SOME MAFIC FLOATS
25					2020AW341	28-Jul-20	Andrew/Mike	656976.3582	5398597.192	Roberts Rd	5E	FL5B531	F								
25					2020AW304	28-Jul-20	Andrew/Mike	653442.5739	5396712.817	Roberts Rd	5E	POC5B6	POC	Foliation		55	145	20		17	A55 D20
25					2020AW308	28-Jul-20	Andrew/Mike	653454.2549	5397023.142	Roberts Rd	5E	POC5B	POC								
25					2020AW309	28-Jul-20	Andrew/Mike	653450.6263	5397031.946	Roberts Rd	5E	POC5B12	POC								
25					2020AW311	28-Jul-20	Andrew/Mike	653566.9925	5397177.958	Roberts Rd	5E	POC5B21	POC	Foliation		55	145			17	A55
25					2020AW315	28-Jul-20	Andrew/Mike	653727.5691	5396664.447	Roberts Rd	5E	POC5B3	POC	Foliation		0	90	15		17	A00 D15
25					2020AW316	28-Jul-20	Andrew/Mike	653921.3583	5396720.268	Roberts Rd	5E	POC5B4	POC								
25					2020AW317	28-Jul-20	Andrew/Mike	653969.2062	5396742.159	Roberts Rd	5E	POC5B1	POC								
25					2020AW330	28-Jul-20	Andrew/Mike	657129.8293	5397714.604	Roberts Rd	5E	POC5B5	POC								Shearing/foliated
25					2020AW334	28-Jul-20	Andrew/Mike	657570.3325	5398214.743	Roberts Rd	7A	POC7A1	POC								
25					2020AW314	28-Jul-20	Andrew/Mike	653714.1103	5396653.179	Roberts Rd	7A	OC7A6	OC								A270D70
25					2020AW318	28-Jul-20	Andrew/Mike	654041.8375	5396780.86	Roberts Rd	5E	OC5B41	OC								
25					2020AW319	28-Jul-20	Andrew/Mike	654095.6026	5396809.478	Roberts Rd	5E	OC5B24	OC								A270D70
25					2020AW320	28-Jul-20	Andrew/Mike	654160.5787	5396842.852	Roberts Rd	5E	OC5B14	OC								
25					2020AW322	28-Jul-20	Andrew/Mike	655116.9573	5396919.282	Roberts Rd	5E	OC5B110	OC	Foliation		125	215			17	
25					2020AW323	28-Jul-20	Andrew/Mike	655339.0487	5396933.551	Roberts Rd	5E	OC5B25	OC								
25					2020AW324	28-Jul-20	Andrew/Mike	655406.3717	5396950.986	Roberts Rd	7A	OC7A12	OC								
25					2020AW325	28-Jul-20	Andrew/Mike	655431.1629	5396962.247	Roberts Rd	5E	OC5B22	OC								A270D70
25					2020AW326	28-Jul-20	Andrew/Mike	655657.1697	5396890.98	Roberts Rd	5E	OC5B33	OC								
25					2020AW327	28-Jul-20	Andrew/Mike	655950.3844	5397191.228	Roberts Rd	5E	OC5B42	OC								
25					2020AW328	28-Jul-20	Andrew/Mike	656046.6	5397363.213	Roberts Rd	5E	OC5B51	OC								
25					2020AW331	28-Jul-20	Andrew/Mike	657200.4942	5397796.117	Roberts Rd	5E	OC5B61	OC	Foliation		355	85	20		17	
25					2020AW332	28-Jul-20	Andrew/Mike	657305.0869	5397917.183	Roberts Rd	5E	OC5B71	OC								A270D70
25					2020AW333	28-Jul-20	Andrew/Mike	657464.1414	5398069.934	Roberts Rd	5E	OC5B31	OC								A270D70
25					2020AW335	28-Jul-20	Andrew/Mike	657580.633	5398217.699	Roberts Rd	4E	OC4E32	OC								
25					2020AW336	28-Jul-20	Andrew/Mike	657576.7899	5398223.381	Roberts Rd	5E	OC5B81	OC	Foliation		0	90	30		17	
25					2020AW337	28-Jul-20	Andrew/Mike	657405.9092	5398371.64	Roberts Rd	5E	OC5B91	OC	Foliation		35	125	25		17	
25					2020AW339	28-Jul-20	Andrew/Mike	657199.8727	5398419.358	Roberts Rd	5E	OC5B101	OC	Foliation		35	125	25		17	A270D70
25					2020AW342	28-Jul-20	Andrew/Mike	657234.6556	5398690.752	Roberts Rd	5E	OC5A6	OC								
25					2020AW343	28-Jul-20	Andrew/Mike	657245.0628	5398713.188	Roberts Rd	5E	OC5B111	OC								
25					2020AW344	28-Jul-20	Andrew/Mike	657255.0064	5398655.398	Roberts Rd	5E	OC5A13	OC								
25					2020AW345	28-Jul-20	Andrew/Mike	656999.3023	5398006.613	Roberts Rd	5E	OC5B121	OC								
25					2020AW346	28-Jul-20	Andrew/Mike	657698.694	5398440.157	Roberts Rd	5E	OC5A22	OC								
25					2020AW347	28-Jul-20	Andrew/Mike	657691.7542	5398451.309	Roberts Rd	5E	OC5B131	OC								
25					2020AW348	28-Jul-20	Andrew/Mike	657684.4413	5398486.255	Roberts Rd	5E	OC5B141	OC	Foliation		40	130	20		17	
25					2020AW349	28-Jul-20	Andrew/Mike	657778.085	5398530.157	Roberts Rd	5E	OC5B151	OC								
25					2020AW350	28-Jul-20	Andrew/Mike	657773.0566	5398517.895	Roberts Rd	5E	OC5A311	OC								A230D70 NRW
25					2020AW351	28-Jul-20	Andrew/Mike	657782.5009	5398561.544	Roberts Rd	5E	OC3A161	OC								A290D70
25					2020AW352	28-Jul-20	Andrew/Mike	657788.7903	5398565.609	Roberts Rd	5E	OC5B2E4E	OC								
25					2020AW353	28-Jul-20	Andrew/Mike	657870.0679	5398653.78	Roberts Rd	5E	OC5B171	OC								A280D90
25					2020AW354	28-Jul-20	Andrew/Mike	657938.7486	5398668.946	Roberts Rd	5E	OC5B18	OC								
25					2020AW355	28-Jul-20	Andrew/Mike	657947.0752	5398713.012	Roberts Rd	5E	OC5B19	OC								
25					2020AW356	28-Jul-20	Andrew/Mike	657983.2207	5398718.04	Roberts Rd	5E	OC5A41	OC								
25					2020AW357	28-Jul-20	Andrew/Mike	657982.9437	5398717.361	Roberts Rd	5E	OC6B1	OC								A270D70
25					2020AW358	28-Jul-20	Andrew/Mike	657985.4972	5398720.883	Roberts Rd	5E	OC5B20	OC								A250D65
25					2020AW359	28-Jul-20	Andrew/Mike	657992.287	5398761.894	Roberts Rd	5E	OC3A211	OC								
26		Terry	Tim		2020TH123	28-Jul-20	TNT	658299.3491	5399535.659	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH124	28-Jul-20	TNT	658213.7012	5399402.426	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH125	28-Jul-20	TNT	658093.4333	5399243.966	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH126	28-Jul-20	TNT	658330.886	5399242.549	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH127	28-Jul-20	TNT	658777.011	5399627.374	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH129	28-Jul-20	TNT	658690.888	5399872.224	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH130	28-Jul-20	TNT	658091.69	5398909.087	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH131	28-Jul-20	TNT	658525.929	5399249.844	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH132	28-Jul-20	TNT	658363.689	5399480.303	TT8/Kaby Zone	5b	Granodiorite	OC								
26					2020TH128	28-Jul-20	TNT	658497.066	5399224.328	TT8/Kaby Zone	7a	Diabase	OC								
27					2020TH110	30-Jul-20	TNT	658722.6177	5397901.931	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		20	110	20		17	
27					2020TH112	30-Jul-20	TNT	658595.7452	5396950.622	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		20	110	20		17	A250D80
27					2020TH113	30-Jul-20	TNT	658666.1136	5397658.982	TT8/Kaby Zone	1a	Mafic Volcanics	OC	Foliation		10	100	20		17	A80D70
27					2020TH111	30-Jul-20	TNT	658783.1803	5398056.074	TT8/Kaby Zone	1a-3a	Mafic Vol contact with Sediment	OC	Foliation		20	110	20		17	
27					2020TH121	30-Jul-20	TNT	658712.4528	5397977.652	TT8/Kaby Zone	1a-3a	Mafic Vol contact with Sediment	OC	Foliation		20	110	20			
27					2020TH122	30-Jul-20	TNT	658725.7939	5398036.873	TT8/Kaby Zone	1a-3a	Mafic Vol contact with Sediment	OC	Foliation		10	100	10			A270D75
27					2020TH101	30-Jul-20	TNT	658683.0979	5397662.353	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	

27					2020TH102	30-Jul-20	TNT	658501.7008	5397558.445	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
27					2020TH104	30-Jul-20	TNT	658671.5072	5397239.428	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
27					2020TH105	30-Jul-20	TNT	658518.949	5397143.674	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
27					2020TH106	30-Jul-20	TNT	658466.3735	5397037.071	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20		17	
27					2020TH109	30-Jul-20	TNT	658868.6999	5398046.152	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	10		17	
27					2020TH116	30-Jul-20	TNT	658485.4309	5397451.636	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20			OC60D30
27					2020TH117	30-Jul-20	TNT	658670.5848	5397716.842	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20			CONTACT WITH 3A
27					2020TH118	30-Jul-20	TNT	658690.4842	5397912.807	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20			A110 D30
27					2020TH119	30-Jul-20	TNT	658637.4328	5397590.311	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20			A140D10
27					2020TH120	30-Jul-20	TNT	658664.667	5397889.531	TT8/Kaby Zone	3a	Greywacke Sediments	OC	Foliation		20	110	20			HEAVY SOILROOTS COVER NO STUC MEASUREMENT
27					2020TH100	30-Jul-20	TNT	658572.9212	5397731.655	TT8/Kaby Zone	4e	Pegmatite,	OC								AZ140D10
27					2020TH103	30-Jul-20	TNT	658577.8498	5397401.187	TT8/Kaby Zone	4e	Pegmatite,	OC								HEAVY SOILROOTS COVER NO STUC MEASUREMENT
27					2020TH107	30-Jul-20	TNT	658471.4244	5397165.799	TT8/Kaby Zone	4e	Pegmatite,	OC								DIFFICULT STRUC MEASUREMENT DUE TO ROOTS A30 D20
27					2020TH108	30-Jul-20	TNT	658571.7376	5397809.933	TT8/Kaby Zone	4e	Pegmatite,	OC								
27					2020TH114	30-Jul-20	TNT	658488.9835	5397490.114	TT8/Kaby Zone	4e	Pegmatite,	OC								A140D30 WKFO
27					2020TH115	30-Jul-20	TNT	658607.2841	5396964.412	TT8/Kaby Zone	4e	Pegmatite,	OC								Weak foliation
28	Dave	Terry	Tim		2020TH116	05-Aug-20	TNT	658426	5395764	TT8/Kaby Zone											TT8 Grid Soil Sampling
29	Dave	Terry	Tim		2020TH117	06-Aug-20	TNT	658426	5395764	TT8/Kaby Zone											TT8 Grid Soil Sampling
30		Dave	Beau		2020DS118	07-Aug-20	Dave/Beau	658710	5397864	Smoking Aces											Smoking Aces Grid Soil Sampling
31		Dave	Andrew		2020DS119	08-Aug-20	Dave/Andrew	658710	5397864	Smoking Aces											Smoking Aces Grid Soil Sampling
32	Dave	Terry	Tim	Andrew	2020AW365	09-Aug-20	TTA	658917	5398264	Long Shot											Long Shot Grid Soil Sampling
33	Dave	Terry	Tim	Andrew	2020AW366	10-Aug-20	TTA	658917	5398264	Long Shot											Long Shot Grid Soil Sampling
34	Dave	Terry	Tim	Andrew	2020AW360	11-Aug-20	TTA	658552.0056	5396078.395	Money Shot	QV	785557	OC	Foliation		12	102	20		17	
34					2020AW361	11-Aug-20	TTA	658547.8574	5396074.044	Money Shot	QV	785558	OC	Foliation		12	102	20		17	
34					2020AW362	11-Aug-20	TTA	658548.248	5396075.948	Money Shot	1H	785559	OC	Foliation		12	102	20		17	OR 5B NONFOL VWK
34					2020AW363	11-Aug-20	TTA	658548.3978	5396078.293	Money Shot	QV	785560	OC	Foliation		12	102	20		17	
34					2020AW364	11-Aug-20	TTA	658550.9488	5396076.696	Money Shot	QV	785561	OC	Foliation		12	102	20		17	A80D50 VWK
34					2020AW365	11-Aug-20	TTA	658545.2659	5396082.316	Money Shot	1H	785562	OC	Foliation		12	102	20		17	
34					2020AW366	11-Aug-20	TTA	658550.2009	5396079.789	Money Shot	QV	785563	OC	Foliation		12	102	20		17	A80D30
34					2020AW367	11-Aug-20	TTA	658550.1585	5396078.669	Money Shot	QV	785564	OC	Foliation		12	102	20		17	
34					2020AW368	11-Aug-20	TTA	658549.513	5396080.543	Money Shot	QV	785565	OC	Foliation		12	102	20		17	
34					2020AW369	11-Aug-20	TTA	658550.0248	5396080.782	Money Shot	QV	785566	OC	Foliation		12	102	20		17	
35	Dave	Terry	Tim	Andrew	2020AW370	12-Aug-20	TTA	658547.6788	5396067.261	Money Shot	1H	785567	OC	Foliation		12	102	20		17	
35					2020AW371	12-Aug-20	TTA	658548.5213	5396066.278	Money Shot	QV	785568	OC	Foliation		12	102	20		17	
35					2020AW372	12-Aug-20	TTA	658547.701	5396066.478	Money Shot	1H	785569	OC	Foliation		12	102	20		17	A350D75
35					2020AW373	12-Aug-20	TTA	658548.3894	5396070.945	Money Shot	1H	785570	OC	Foliation		12	102	20		17	A290D75
35					2020AW374	12-Aug-20	TTA	658548.4539	5396071.283	Money Shot	QV	785571	OC	Foliation		12	102	20		17	A00D75
35					2020AW375	12-Aug-20	TTA	658548.0713	5396071.72	Money Shot	1H	785572	OC	Foliation		12	102	20		17	
35					2020AW376	12-Aug-20	TTA	658549.561	5396071.202	Money Shot	1H	785573	OC	Foliation		12	102	20		17	A110D70
35					2020AW377	12-Aug-20	TTA	658549.4004	5396071.645	Money Shot	1H	785574	OC	Foliation		12	102	20		17	A165D90
35					2020AW378	12-Aug-20	TTA	658527.7882	5395992.052	Money Shot	1H	785575	OC	Foliation		12	102	20		17	
35					2020AW379	12-Aug-20	TTA	659180.4855	5397562.542	Kabi	3D	785576	OC								
35					2020AW380	12-Aug-20	TTA	659170.1127	5397546.677	Roberts Rd	1H	OC1H4	OC								A20 D50
35					2020AW381	12-Aug-20	TTA	659044.948	5397194.279	Roberts Rd	3A	OC3A18	OC								A140D80
35					2020AW382	12-Aug-20	TTA	659128.5517	5397457.395	Roberts Rd	3A	OC3A19	OC								A320D80
36	Dave	Andrew	Beau		2020AW383	18-Aug-20	Andrew/Beau	659296.1674	5396550.776	Roberts Rd	5B	F5B1	F								
36					2020AW384	18-Aug-20	Andrew/Beau	659952.1611	5396464.989	Roberts Rd	5A	FL5A11	F								
36					2020AW385	18-Aug-20	Andrew/Beau	659604.7324	5396665.329	Roberts Rd	5A	FL5A5	F								
36					2020AW386	18-Aug-20	Andrew/Beau	659817.0382	5396545.454	Roberts Rd	5B	FL5B120	F								
36					2020AW387	18-Aug-20	Andrew/Beau	659897.1964	5396507.58	Roberts Rd	5B	FL5B214	F								
36					2020AW388	18-Aug-20	Andrew/Beau	659314.002	5396837.826	Roberts Rd	5B	FL5B39	F								
36					2020AW389	18-Aug-20	Andrew/Beau	658901.8904	5396313.552	Roberts Rd	5A	OC5A7	OC								
36					2020AW390	18-Aug-20	Andrew/Beau	659272.5383	5396856.452	Roberts Rd	5B	OC5B102	OC								AAZ30 D44
36					2020AW391	18-Aug-20	Andrew/Beau	659414.6906	5396807.988	Roberts Rd	5B	OC5B15	OC								Outcrop Sample (AZ30 D44); Quartz vein hosted in an intermediate tuff, (fg, clastic texture, approximately 50% hornblende and 50% feldspar). Quartz vein in cg, ~3cm wide, with highly rusted colouration.
36					2020AW392	18-Aug-20	Andrew/Beau	659437.0401	5396796.167	Roberts Rd	5B	OC5B23	OC								Outcrop Sample (AZ30 D44); Quartz vein hosted in an intermediate tuff, (fg, clastic texture, approximately 50% hornblende and 50% feldspar). Quartz vein in cg, ~3cm wide, with highly rusted colouration.

36					2020AW393	18-Aug-20	Andrew/Beau	659617.0688	5396635.423	Roberts Rd	5B	OC5B32	OC								Outcrop Sample (AZ30 D44); intermediate tuff, fg, clastic texture, approximately 50% hornblende and 50% feldspar. Approximately 1-2% sulphides. Sulphides associated with a section containing moderate amount of silification. Minor rusting.
36					2020AW394	18-Aug-20	Andrew/Beau	659623.3787	5396607.799	Roberts Rd	5B	OC5B43	OC								
36					2020AW395	18-Aug-20	Andrew/Beau	659920.7377	5396500.578	Roberts Rd	5B	OC5B52	OC								A30D20
36					2020AW396	18-Aug-20	Andrew/Beau	659801.6321	5396411.636	Roberts Rd	5B	OC5B62	OC								A30D40
36					2020AW397	18-Aug-20	Andrew/Beau	659762.1022	5396439.768	Roberts Rd	5B	OC5B72	OC								A30D40 BTFLSPR MG
36					2020AW398	18-Aug-20	Andrew/Beau	659531.6905	5396494.617	Roberts Rd	5B	OC5B82	OC								A30D40
36					2020AW399	18-Aug-20	Andrew/Beau	659442.7795	5396516.564	Roberts Rd	5B	OC5B92	OC								
36					2020AW940	18-Aug-20	Andrew/Beau	659904.2119	5399118.803	Roberts Rd	4E	OC4E39	OC								
37		Terry	Tim		2020TH147	18-Aug-20	TNT	658588.758	5396018.25	TT8/Kaby Zone	1a	Mafic Volcanics	OC			20	110	20		17	
37					2020TH148	18-Aug-20	TNT	658614.721	5396027.106	TT8/Kaby Zone	3a	Sediment	OC			20	110	20		17	
38	Dave	Andrew	Beau		2020AW400	19-Aug-20	Andrew/Beau	659099.4182	5397399.608	Roberts Rd	3A	785579	F								Float Sample; fg/mg, bedded greywacke, with heavy outer rusting, up to 1% finely disseminated sulphides.
38					2020AW401	19-Aug-20	Andrew/Beau	659663.2558	5396802.826	Roberts Rd	5A	F5A	F								
38					2020AW402	19-Aug-20	Andrew/Beau	659448.4416	5397249.673	Roberts Rd	5B	F5B10	F								
38					2020AW403	19-Aug-20	Andrew/Beau	659394.7008	5396863.597	Roberts Rd	5B	F5B11	F								
38					2020AW404	19-Aug-20	Andrew/Beau	659447.9135	5396838.517	Roberts Rd	5B	F5B12	F								
38					2020AW405	19-Aug-20	Andrew/Beau	659506.8067	5396807.717	Roberts Rd	5B	F5B2	F								
38					2020AW406	19-Aug-20	Andrew/Beau	659547.8579	5396772.614	Roberts Rd	5B	F5B3	F								
38					2020AW407	19-Aug-20	Andrew/Beau	659633.1081	5396780.719	Roberts Rd	5B	F5B4	F								
38					2020AW408	19-Aug-20	Andrew/Beau	660254.4148	5396844.266	Roberts Rd	5B	F5B5	F								
38					2020AW409	19-Aug-20	Andrew/Beau	660340.2752	5397013.807	Roberts Rd	5B	F5B6	F								
38					2020AW410	19-Aug-20	Andrew/Beau	660284.0806	5397058.252	Roberts Rd	5B	F5B7	F								
38					2020AW411	19-Aug-20	Andrew/Beau	659772.9666	5396944.887	Roberts Rd	5B	F5B8	F								
38					2020AW412	19-Aug-20	Andrew/Beau	659750.5318	5396988.071	Roberts Rd	5B	F5B9	F								
38					2020AW413	19-Aug-20	Andrew/Beau	658862.9192	5397021.261	Roberts Rd	3A	FI3A1	F								
38					2020AW414	19-Aug-20	Andrew/Beau	660237.9153	5396952.587	Roberts Rd	5B	FI5B2	F								
38					2020AW415	19-Aug-20	Andrew/Beau	658817.6765	5397022.646	Roberts Rd	2E	FL INT TUFF	F								
38					2020AW416	19-Aug-20	Andrew/Beau	659187.7712	5396984.198	Roberts Rd	1A	FL1A14	F								
38					2020AW417	19-Aug-20	Andrew/Beau	659125.8155	5397392.908	Roberts Rd	3A	FL3A113	F								
38					2020AW418	19-Aug-20	Andrew/Beau	658837.6984	5397022.765	Roberts Rd	3A	FL3A25	F								
38					2020AW419	19-Aug-20	Andrew/Beau	659747.0968	5396839.806	Roberts Rd	5B	FL5B125	F								
38					2020AW420	19-Aug-20	Andrew/Beau	660214.6373	5396795.968	Roberts Rd	5B	FL5B215	F								
38					2020AW421	19-Aug-20	Andrew/Beau	660320.6418	5396940.938	Roberts Rd	5B	FL5B310	F								
38					2020AW422	19-Aug-20	Andrew/Beau	659356.2205	5396888.638	Roberts Rd	5B	FL5B40	F								
38					2020AW423	19-Aug-20	Andrew/Beau	660347.305	5397082.195	Roberts Rd	5B	FL5B47	F								
38					2020AW424	19-Aug-20	Andrew/Beau	660124.4529	5396937.337	Roberts Rd	5B	FL5B57	F								
38					2020AW425	19-Aug-20	Andrew/Beau	659686.2585	5397073.233	Roberts Rd	5B	FL5B66	F								
38					2020AW426	19-Aug-20	Andrew/Beau	659642.5928	5397135.617	Roberts Rd	Sample	FL5B76	F								
38					2020AW438	19-Aug-20	Andrew/Beau	659074.7513	5397327.049	Roberts Rd	3A	POC3A3	POC	Foliation		40	130			17	AZ40
38					2020AW427	19-Aug-20	Andrew/Beau	659289.0294	5397296.983	Roberts Rd	5B	OC5B103	OC								A30D40
38					2020AW428	19-Aug-20	Andrew/Beau	659197.5606	5396979.133	Roberts Rd	5B	OC5B16	OC								
38					2020AW429	19-Aug-20	Andrew/Beau	659294.5906	5396919.819	Roberts Rd	5B	OC5B17	OC								Outcrop Sample (AZ30 D40); greywacke, mg, bt alteration, close to a mafic tuff contact. Moderate amount of rusting , quartz veinlets with moderate rusting. Trace amounts of sulphides.
38					2020AW430	19-Aug-20	Andrew/Beau	659311.0592	5396918.171	Roberts Rd	5B	OC5B24	OC								
38					2020AW431	19-Aug-20	Andrew/Beau	659763.8848	5396852.741	Roberts Rd	5B	OC5B34	OC								
38					2020AW432	19-Aug-20	Andrew/Beau	659802.4851	5396859.733	Roberts Rd	5B	OC5B44	OC								
38					2020AW433	19-Aug-20	Andrew/Beau	660229.1591	5396800.495	Roberts Rd	5B	OC5B53	OC								
38					2020AW434	19-Aug-20	Andrew/Beau	660260.9195	5396863.92	Roberts Rd	5B	OC5B63	OC								
38					2020AW435	19-Aug-20	Andrew/Beau	659821.3599	5396876.961	Roberts Rd	5B	OC5B73	OC								A30 D20
38					2020AW436	19-Aug-20	Andrew/Beau	659572.748	5397191.587	Roberts Rd	5B	OC5B83	OC								
38					2020AW437	19-Aug-20	Andrew/Beau	659523.8708	5397232.685	Roberts Rd	5B	OC5B93	OC								
39		Terry	Tim		2020TH149	19-Aug-20	TNT	660331.5353	5397932.283	TT8/Kaby Zone	5b	Granodiorite	OC								AZ310
39					2020TH150	19-Aug-20	TNT	660492.9797	5397823.886	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH151	19-Aug-20	TNT	660278.3325	5397753.894	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH152	19-Aug-20	TNT	659820.446	5397820.692	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH153	19-Aug-20	TNT	659538.8734	5397854.164	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH154	19-Aug-20	TNT	659574.503	5397960.297	TT8/Kaby Zone	5b	Granodiorite	OC								A125

39					2020TH155	19-Aug-20	TNT	660476.8806	5397797.392	TT8/Kaby Zone	7a	Diabase	OC								
39					2020TH156	19-Aug-20	TNT	659903.6143	5397805.823	TT8/Kaby Zone	7a	Diabase	OC								
39					2020TH157	19-Aug-20	TNT	659874.6628	5398173.203	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH158	19-Aug-20	TNT	659794.6482	5398250.567	TT8/Kaby Zone	5b	Granodiorite	OC								
39					2020TH159	19-Aug-20	TNT	659543.8833	5397874.773	TT8/Kaby Zone	1a	Mafic Volcanics	OC								
39					2020TH160	19-Aug-20	TNT	659806.5709	5398294.627	TT8/Kaby Zone	1a	Mafic Volcanics	OC								
39					2020TH161	19-Aug-20	TNT	659509.9783	5398078.162	TT8/Kaby Zone	1a	Mafic Volcanics	OC			20	110	20		17	Shearing
39					2020TH162	19-Aug-20	TNT	659730.9309	5398257.32	TT8/Kaby Zone	3a	Sediment	OC			20	110	20		17	Shearing
40	Dave	Andrew	Beau		2020AW439	20-Aug-20	Andrew/Beau	660068.2423	5398678.859	Roberts Rd	3A	785580	F								Float Sample; fg/mg, bedded greywacke, with heavy outer rusting, <1% finely disseminated sulphides.
40					2020AW440	20-Aug-20	Andrew/Beau	660753.3372	5398415.024	Roberts Rd	6B	785581	F								Float Sample; fg/mg, massive mafic unit with moderate to strong outer rusting. Non magnetic.
40					2020AW441	20-Aug-20	Andrew/Beau	660376.2519	5398677.1	Roberts Rd	2E	785582	F								Float Sample; fg/mg, bedded mafic unit with an intermediate composition, moderate to strong outer rusting with trace disseminated sulphides.
40					2020AW442	20-Aug-20	Andrew/Beau	660304.9502	5398676.506	Roberts Rd	3A	785583	F								Float Sample; fg/mg, bedded greywacke, with heavy outer rusting, <1% finely disseminated sulphides.
40					2020AW443	20-Aug-20	Andrew/Beau	660291.1212	5398575.662	Roberts Rd	1A	F1A	F								
40					2020AW444	20-Aug-20	Andrew/Beau	660084.0542	5398671.526	Roberts Rd	1H	F3A 1H	F								Visible contact between 3a and 1H/3A
40					2020AW445	20-Aug-20	Andrew/Beau	660392.1708	5398650.74	Roberts Rd	3A	F3A1	F								
40					2020AW446	20-Aug-20	Andrew/Beau	660371.1581	5398672.498	Roberts Rd	3A	F3A2	F								
40					2020AW447	20-Aug-20	Andrew/Beau	660288.6647	5398682.268	Roberts Rd	3A	F3A3	F								
40					2020AW448	20-Aug-20	Andrew/Beau	660061.7683	5398650.423	Roberts Rd	3A	F3A4	F								
40					2020AW449	20-Aug-20	Andrew/Beau	660420.2758	5398504.485	Roberts Rd	3A	F3A5	F								
40					2020AW450	20-Aug-20	Andrew/Beau	660316.6988	5398553.923	Roberts Rd	5B	F5B13	F								
40					2020AW451	20-Aug-20	Andrew/Beau	660392.7828	5398516.164	Roberts Rd	5B	F5B21	F								
40					2020AW452	20-Aug-20	Andrew/Beau	660735.3049	5398402.05	Roberts Rd	5B	F5B31	F								
40					2020AW453	20-Aug-20	Andrew/Beau	660030.8764	5398734.744	Roberts Rd	5B	F5B41	F								
40					2020AW454	20-Aug-20	Andrew/Beau	660769.4918	5398444.634	Roberts Rd	6B	F6B	F								NON MAG
40					2020AW455	20-Aug-20	Andrew/Beau	660751.5843	5398417.202	Roberts Rd	6B	F6B7A	F								NOMAG
40					2020AW456	20-Aug-20	Andrew/Beau	660380.517	5398674.658	Roberts Rd	2E	FINT TUFF	F								
40					2020AW457	20-Aug-20	Andrew/Beau	660404.1222	5398642.075	Roberts Rd	3A	FL3A114	F								
40					2020AW458	20-Aug-20	Andrew/Beau	660068.3458	5398680.42	Roberts Rd	3A	FL3A26	F								
40					2020AW459	20-Aug-20	Andrew/Beau	660415.9762	5398649.538	Roberts Rd	5B	FL5B126	F								
40					2020AW460	20-Aug-20	Andrew/Beau	660389.6267	5398652.112	Roberts Rd	5B	FL5B222	F								
40					2020AW461	20-Aug-20	Andrew/Beau	660515.7022	5398613.903	Roberts Rd	5B	FL5B48	F								
40					2020AW462	20-Aug-20	Andrew/Beau	660131.0511	5398611.124	Roberts Rd	4E	OC4E5A	OC								
40					2020AW463	20-Aug-20	Andrew/Beau	660164.1252	5398628.2	Roberts Rd	4E	OC4E5A1	OC								
40					2020AW464	20-Aug-20	Andrew/Beau	660188.8021	5398599.096	Roberts Rd	4E	OC4E5A2	OC								Shearing
40					2020AW465	20-Aug-20	Andrew/Beau	660222.0073	5398596.26	Roberts Rd	4E	OC4E5A3	OC								A35 D25
40					2020AW466	20-Aug-20	Andrew/Beau	660250.641	5398575.726	Roberts Rd	4E	OC5A14	OC								A35 D25
40					2020AW467	20-Aug-20	Andrew/Beau	660190.5055	5398665.774	Roberts Rd	3A	OC5A3A	OC								PINK
40					2020AW468	20-Aug-20	Andrew/Beau	660354.1849	5398527.405	Roberts Rd	5B	OC5B DIORITE	OC								
40					2020AW469	20-Aug-20	Andrew/Beau	660338.8596	5398530.64	Roberts Rd	5B	OC5B112	OC								
40					2020AW470	20-Aug-20	Andrew/Beau	660437.4298	5398496.64	Roberts Rd	5B	OC5B122	OC								
40					2020AW471	20-Aug-20	Andrew/Beau	660718.2245	5398389.439	Roberts Rd	5B	OC5B211	OC								
41		Terry	Tim		2020TH163	20-Aug-20	TNT	659348.1383	5399503.318	TT8/Kaby Zone	5b	Granodiorite	OC								
41					2020TH164	20-Aug-20	TNT	659460.7749	5399600.181	TT8/Kaby Zone	5b	Granodiorite	OC								A40 D20 Shearing
41					2020TH165	20-Aug-20	TNT	659562.274	5399111.285	TT8/Kaby Zone	7a	Diabase	OC								
41					2020TH166	20-Aug-20	TNT	659593.8307	5399029.088	TT8/Kaby Zone	7a	Diabase	OC								
41					2020TH167	20-Aug-20	TNT	659407.8191	5399415.467	TT8/Kaby Zone	5b	Granodiorite	OC								
41					2020TH168	20-Aug-20	TNT	659565.5321	5399477.579	TT8/Kaby Zone	4e	Pegmetite	OC								Shearing in the 5B
42	Dave	Andrew	Beau		2020AW475	21-Aug-20	Andrew/Beau	658033.5646	5398407.436	Roberts Rd	5E	FL TONE	F								
42					2020AW478	21-Aug-20	Andrew/Beau	657834.4994	5398474.012	Roberts Rd	5E	FL TONE1	F								
42					2020AW480	21-Aug-20	Andrew/Beau	657816.6174	5398484.417	Roberts Rd	7A	FL7A21	F								
42					2020AW488	21-Aug-20	Andrew/Beau	657940.5439	5398216.155	Roberts Rd	7A	F 7A	F								
42					2020AW492	21-Aug-20	Andrew/Beau	657775.904	5398074.132	Roberts Rd	5E	F5B51	F								
42					2020AW501	21-Aug-20	Andrew/Beau	657638.7401	5398098.757	Roberts Rd	5E	FL5B85	F								
42					2020AW472	21-Aug-20	Andrew/Beau	658135.2668	5398337.55	Roberts Rd	5E	OC TONE	OC								Shearing/foliated
42					2020AW473	21-Aug-20	Andrew/Beau	658062.5603	5398394.566	Roberts Rd	5E	OC4E5A TONE	OC								Shearing/foliated
42					2020AW474	21-Aug-20	Andrew/Beau	658050.8302	5398398.132	Roberts Rd	4E	OC4E5A4	OC								Shearing/foliated
42					2020AW476	21-Aug-20	Andrew/Beau	657977.2296	5398418.854	Roberts Rd	5E	OC TONE1	OC	Foliation		45	135	10		17	
42					2020AW477	21-Aug-20	Andrew/Beau	657926.2023	5398450.796	Roberts Rd	3A	OC 3A6	OC								
42					2020AW479	21-Aug-20	Andrew/Beau	657832.2151	5398481.957	Roberts Rd	5E	OC TONE2	OC								Shearing/foliated

42					2020AW481	21-Aug-20	Andrew/Beau	657802.704	5398484.464	Roberts Rd	5E	OC TONE3	OC								
42					2020AW482	21-Aug-20	Andrew/Beau	657811.4343	5398430.538	Roberts Rd	5E	OC TONE4	OC								A280D80
42					2020AW483	21-Aug-20	Andrew/Beau	657828.6411	5398384.086	Roberts Rd	3A	OC 3A11	OC	Foliation		40	130	30		17	A280D80
42					2020AW484	21-Aug-20	Andrew/Beau	657838.7203	5398355.448	Roberts Rd	5E	OC TONE5	OC								Outcrop Sample (Foliation A280 D75); Bullish white quartz vein approximately 25 cm wide running A90 D85.
42					2020AW485	21-Aug-20	Andrew/Beau	657874.6519	5398276.591	Roberts Rd	5E	OC TONE6	OC								A320D90 MFAGLOMERATE
42					2020AW486	21-Aug-20	Andrew/Beau	657908.9013	5398247.188	Roberts Rd	5E	OC TONE7	OC								A340D80 AGLOMERATE
42					2020AW487	21-Aug-20	Andrew/Beau	657927.7013	5398232.921	Roberts Rd	5E	OC TONE8	OC								AGLOM
42					2020AW489	21-Aug-20	Andrew/Beau	657914.3396	5398161.236	Roberts Rd	5E	OC TONE9	OC								AGLOM
42					2020AW490	21-Aug-20	Andrew/Beau	657857.0874	5398076.977	Roberts Rd	5E	OC TONE10	OC								AGLOM A280D85
42					2020AW491	21-Aug-20	Andrew/Beau	657824.7926	5398089.307	Roberts Rd	5A	OC5A71	OC								
42					2020AW493	21-Aug-20	Andrew/Beau	657769.9267	5398066.849	Roberts Rd	4E	OC 4E5A TONE	OC								
42					2020AW494	21-Aug-20	Andrew/Beau	657756.031	5398066.234	Roberts Rd	5E	OC TONE11	OC								A310D70AGIOM
42					2020AW495	21-Aug-20	Andrew/Beau	657749.9911	5398069.067	Roberts Rd	3A	OC 3A21	OC								A310D80
42					2020AW496	21-Aug-20	Andrew/Beau	657744.8529	5398068.363	Roberts Rd	3A	OC 3A31	OC								A310D75
42					2020AW497	21-Aug-20	Andrew/Beau	657723.2351	5398075.549	Roberts Rd	5E	OC TONE12	OC								
42					2020AW498	21-Aug-20	Andrew/Beau	657709.0748	5398073.808	Roberts Rd	4E	OC4E5A11	OC								A330D70
42					2020AW499	21-Aug-20	Andrew/Beau	657700.8154	5398077.026	Roberts Rd	5E	OC TONE13	OC								A290D80
42					2020AW500	21-Aug-20	Andrew/Beau	657667.0621	5398091.433	Roberts Rd	5E	OC TONE14	OC								A320D70
42					2020AW502	21-Aug-20	Andrew/Beau	657611.8178	5398113.795	Roberts Rd	5E	OC TONE15	OC								A300D70
43		Terry	Tim		2020TH169	21-Aug-20	TNT	658751.6399	5399166.91	TT8/Kaby Zone	5b	Granodiorite	OC								4E1A4B CONTACT
43					2020TH170	21-Aug-20	TNT	659138.2388	5399060.85	TT8/Kaby Zone	5b	Granodiorite	OC								Outcrop Sample (no foliation); Feldspar Porphyry dyke ~30cm wide runnning A280 D90. Unit is adjacent to a pegmatite and aglomerate contact. <1% disseminated sulphides.
43					2020TH171	21-Aug-20	TNT	659023.3434	5399260.823	TT8/Kaby Zone	5b	Granodiorite	OC								A270D70AGLOM
43					2020TH172	21-Aug-20	TNT	659173.0103	5399424.923	TT8/Kaby Zone	5b	Granodiorite	OC								AGLOMA290D65
43					2020TH173	21-Aug-20	TNT	659325.8962	5399534.946	TT8/Kaby Zone	5b	Granodiorite	OC								AGLOMA360D70
43					2020TH174	21-Aug-20	TNT	659143.1559	5399649.445	TT8/Kaby Zone	5b	Granodiorite	OC								A80D70 AGLOM
43					2020TH175	21-Aug-20	TNT	658981.84	5399551.085	TT8/Kaby Zone	5b	Granodiorite	OC								AGFIOMA320D65
44	Dave	Andrew	Beau		2020AW503	22-Aug-20	Andrew/Beau	657968.5187	5396713.444	Roberts Rd	3A	POC 3A5E CONTACT	POC								CONTACT
44					2020AW504	22-Aug-20	Andrew/Beau	657967.0823	5396712.294	Roberts Rd	3A	785586	POC	Foliation		295	25	20		17	Possible outcrop (AZ295 D20); Quartz vein (~5cm wide) associated with a granitic intrusion that follows a tonalite/greywacke contact. <1% blebbly rusting, and minor amounts of rusting.
44					2020AW505	22-Aug-20	Andrew/Beau	658492.5581	5399217.087	Roberts Rd	7A	OC7A7	OC								A80D90
44					2020AW506	22-Aug-20	Andrew/Beau	658501.2573	5398599.959	Roberts Rd	1H	OC1A21	OC	Foliation		25	115	20		17	
44					2020AW507	22-Aug-20	Andrew/Beau	658506.622	5398602.889	Roberts Rd	1H	785587	OC	Foliation		25	115	20		17	AGLOM A280D80 MAGNETIC
44					2020AW508	22-Aug-20	Andrew/Beau	658354	5399115	Roberts Rd	3A	OC3A5E CONTACT	OC								A260D75
45	Dave	Andrew	Beau		2020AW522	23-Aug-20	Andrew/Beau	658608.1517	5398825.452	Roberts Rd	3A	FL3A251	F								
45					2020AW524	23-Aug-20	Andrew/Beau	658610.6909	5398917.746	Roberts Rd	5E	F5E	F								
45					2020AW526	23-Aug-20	Andrew/Beau	658279.2126	5399018.835	Roberts Rd	3A	F3A6	F								
45					2020AW527	23-Aug-20	Andrew/Beau	658336.433	5398861.264	Roberts Rd	5B	FL5B94	F								
45					2020AW528	23-Aug-20	Andrew/Beau	658345.0644	5398811.234	Roberts Rd	5E	FL5E	F								
45					2020AW537	23-Aug-20	Andrew/Beau	659091.1408	5398295.741	Roberts Rd	3A	F3A11	F								
45					2020AW539	23-Aug-20	Andrew/Beau	659180.6156	5398257.899	Roberts Rd	3A	F3A21	F								
45					2020AW559	23-Aug-20	Andrew/Beau	659195.1592	5397652.506	Roberts Rd	3A	F3A31	F								
45					2020AW560	23-Aug-20	Andrew/Beau	659238.5312	5397763.527	Roberts Rd	3A	F3A41	F								
45					2020AW509	23-Aug-20	Andrew/Beau	658510.0901	5398568.61	Roberts Rd	2E	OC2E20	OC	Foliation		25	115	25		17	Outcrop Sample (Foliation A280 D70); Rusted cg quartz vein with moderate to heavy rusting ~ 25 cm wide running A300 D90. Host rock is a mafic aglomerate. <1% disseminated sulphides.
45					2020AW510	23-Aug-20	Andrew/Beau	658512.991	5398567.47	Roberts Rd	3A	OC3A5E CONTACT1	OC								A80D75
45					2020AW511	23-Aug-20	Andrew/Beau	658499.8748	5398581.002	Roberts Rd	3A	OC3A110	OC								AGLOM A350D80
45					2020AW512	23-Aug-20	Andrew/Beau	658491.9779	5398592.349	Roberts Rd	5E	OC5E4	OC								AG A260D90
45					2020AW513	23-Aug-20	Andrew/Beau	658478.4259	5398613.439	Roberts Rd	5E	OC5E1	OC								c.g. gabbro; probably an outcrop; moderately magnetic
45					2020AW514	23-Aug-20	Andrew/Beau	658506.0869	5398600.869	Roberts Rd	1H	785588	OC	Foliation		25	115	20		17	
45					2020AW515	23-Aug-20	Andrew/Beau	658505.1359	5398598.064	Roberts Rd	1H	785589	OC	Foliation		25	115	20		17	
45					2020AW516	23-Aug-20	Andrew/Beau	658502.7985	5398600.002	Roberts Rd	QV	785590	OC	Foliation		25	115	20		17	steep south?
45					2020AW517	23-Aug-20	Andrew/Beau	658467.9237	5398581.431	Roberts Rd	5E	OC5E2	OC								
45					2020AW518	23-Aug-20	Andrew/Beau	658479.9225	5398638.619	Roberts Rd	3A	OC3A25	OC								
45					2020AW519	23-Aug-20	Andrew/Beau	658488.4551	5398659.55	Roberts Rd	5E	OC5E3	OC								
45					2020AW520	23-Aug-20	Andrew/Beau	658556.3276	5398750.345	Roberts Rd	5E	OC5E43	OC								
45					2020AW521	23-Aug-20	Andrew/Beau	658591.9543	5398799.632	Roberts Rd	5E	OC5E5	OC								

45					2020AW523	23-Aug-20	Andrew/Beau	658644.9011	5398850.519	Roberts Rd	5E	OC5E6	OC								
45					2020AW525	23-Aug-20	Andrew/Beau	658505.6722	5399089.086	Roberts Rd	5E	OC5E7	OC								
45					2020AW529	23-Aug-20	Andrew/Beau	658404.8562	5398635.713	Roberts Rd	5A	OC5A8	OC								
45					2020AW530	23-Aug-20	Andrew/Beau	658708.291	5398116.805	Roberts Rd	3A	OC3A33	OC								
45					2020AW531	23-Aug-20	Andrew/Beau	658741.7769	5398163.804	Roberts Rd	3A	OC5E3A CONTACT	OC								
45					2020AW532	23-Aug-20	Andrew/Beau	658744.5695	5398179.576	Roberts Rd	5E	OC5E8	OC								
45					2020AW533	23-Aug-20	Andrew/Beau	658787.8022	5398220.287	Roberts Rd	1H	OC1H6	OC								MAYBE FL
45					2020AW534	23-Aug-20	Andrew/Beau	658956.2294	5398264.109	Roberts Rd	3A	OC3A41	OC								AZ310 D10 5A CONTACT NEAR
45					2020AW535	23-Aug-20	Andrew/Beau	658977.9141	5398265.051	Roberts Rd	1H	OC1H11	OC								785501 - Outcrop sample (AZ 360 Dip 10). fg, dark grey to green mafic rock with rusted banding throughout portions of the rock face.
45					2020AW536	23-Aug-20	Andrew/Beau	658990.8208	5398264.195	Roberts Rd	5A	OC5A141	OC								
45					2020AW538	23-Aug-20	Andrew/Beau	659133.3195	5398293.05	Roberts Rd	3A	OC3A61	OC								PINK
45					2020AW540	23-Aug-20	Andrew/Beau	659210.7124	5398198.577	Roberts Rd	3A	OC3A71	OC								
45					2020AW541	23-Aug-20	Andrew/Beau	659229.4647	5398155.277	Roberts Rd	3A	OC3A81	OC								
45					2020AW542	23-Aug-20	Andrew/Beau	659238.1556	5398121.268	Roberts Rd	5A	OC5A23	OC								
45					2020AW543	23-Aug-20	Andrew/Beau	659219.7836	5398089.259	Roberts Rd	2E	OCINTTUFF	OC								
45					2020AW544	23-Aug-20	Andrew/Beau	659233.0882	5397960.155	Roberts Rd	3A	OC3A91	OC								PINK
45					2020AW545	23-Aug-20	Andrew/Beau	659241.7439	5397914.574	Roberts Rd	3A	OC3A101	OC								
45					2020AW546	23-Aug-20	Andrew/Beau	659268.2848	5397879.505	Roberts Rd	4E	OC4E41	OC								
45					2020AW547	23-Aug-20	Andrew/Beau	659276.4598	5397843.252	Roberts Rd	1H	OC1H21	OC								
45					2020AW548	23-Aug-20	Andrew/Beau	659284.2627	5397796.649	Roberts Rd	1H	OC1H31	OC								
45					2020AW549	23-Aug-20	Andrew/Beau	659272.7889	5397801.321	Roberts Rd	3A	OC3A111	OC								AZ20 DIP10
45					2020AW550	23-Aug-20	Andrew/Beau	659274.6988	5397757.553	Roberts Rd	1H	OC1H41	OC								AZ20 D20
45					2020AW551	23-Aug-20	Andrew/Beau	659263.2235	5397759.669	Roberts Rd	4E	OC4E111	OC								AZ20D20
45					2020AW552	23-Aug-20	Andrew/Beau	659253.7589	5397732.706	Roberts Rd	4E	OC4E211	OC								AZ20 D20
45					2020AW553	23-Aug-20	Andrew/Beau	659217.9507	5397661.274	Roberts Rd	3A	OC3A121	OC								CANNOT DET AZ
45					2020AW554	23-Aug-20	Andrew/Beau	659228.2026	5397645.1	Roberts Rd	1H	OC1H5	OC								785516 - Outcrop Sample (AZ 20, D20). Silicified greywacke with up to 1% sulphides disseminated throughout. Moderate amount of shearing/bedding.
45					2020AW555	23-Aug-20	Andrew/Beau	659193.2286	5397611.407	Roberts Rd	3A	OC3A131	OC								785517 - Outcrop Sample; QV in greywacke outcrop. Cg, Smokey, <1% disseminated sulphides, minor rusting, ~5cm wide.
45					2020AW556	23-Aug-20	Andrew/Beau	659159.3411	5397565.727	Roberts Rd	3A	OC3A141	OC								785518 - Outcrop Sample (AZ 30 D20); Silicified greywacke (hanging wall of sample 785517) mod rusting, up to 1% disseminated sulphides.
45					2020AW557	23-Aug-20	Andrew/Beau	659137.2564	5397521.604	Roberts Rd	3A	OC3A151	OC								785519 - Outcrop Sample (Az 20 D 20); greywacke, high degree of rust colouration, brittle, biotite alteration.
45					2020AW558	23-Aug-20	Andrew/Beau	659157.2444	5397590.246	Roberts Rd	3A	OC3A162	OC								785521 - Outcrop Sample; Greywacke hosted quartz vein; cg, Smokey grey, minor rusted colouration w/ <1% sulphides, ~5cm wide.
45					2020AW561	23-Aug-20	Andrew/Beau	658679.5398	5398068.831	Roberts Rd	5E	OC5E9	OC								785522 - Outcrop Sample (Az 20 D 20); greywacke, high degree of rust colouration, brittle, biotite alteration.
46	Dave	Andrew	Beau		2020AW562	24-Aug-20	Andrew/Beau	658136.583	5396873.693	Roberts Rd	5E	F5E10	F								
46					2020AW563	24-Aug-20	Andrew/Beau	658173.6148	5396907.67	Roberts Rd	3A	FL3A261	F								
46					2020AW564	24-Aug-20	Andrew/Beau	658185.0366	5396917.773	Roberts Rd	5E	F5E1	F								
46					2020AW565	24-Aug-20	Andrew/Beau	658178.7231	5396935.506	Roberts Rd	5E	F5E2	F								
46					2020AW566	24-Aug-20	Andrew/Beau	658215.1234	5396986.592	Roberts Rd	5E	F5E3	F								
46					2020AW568	24-Aug-20	Andrew/Beau	658229.8504	5397323.059	Roberts Rd	5E	FL5E1	F								
46					2020AW569	24-Aug-20	Andrew/Beau	658200.6091	5397425.346	Roberts Rd	5E	F5E4	F								
46					2020AW570	24-Aug-20	Andrew/Beau	658201.893	5397447.638	Roberts Rd	3A	F3A7	F								
46					2020AW572	24-Aug-20	Andrew/Beau	658274.7026	5397564.927	Roberts Rd	5E	F5E5	F								
46					2020AW573	24-Aug-20	Andrew/Beau	658287.1755	5397589.978	Roberts Rd	3A	F3A12	F								
46					2020AW574	24-Aug-20	Andrew/Beau	658292.3258	5397610.813	Roberts Rd	5E	F5E6	F								
46					2020AW575	24-Aug-20	Andrew/Beau	658230.2273	5397544.539	Roberts Rd	5E	F5E7	F								
46					2020AW577	24-Aug-20	Andrew/Beau	658057.9715	5397092.508	Roberts Rd	5E	F5E8	F								
46					2020AW578	24-Aug-20	Andrew/Beau	658076.9737	5397076.466	Roberts Rd	3A	F3A22	F								
46					2020AW579	24-Aug-20	Andrew/Beau	658093.039	5397002.841	Roberts Rd	5E	F5E9	F								
46					2020AW581	24-Aug-20	Andrew/Beau	659700.8876	5398567.709	Roberts Rd	3A	F3A32	F								
46					2020AW571	24-Aug-20	Andrew/Beau	658255.2767	5397522.999	Roberts Rd	5E	OC5E10	OC								785524 - Outcrop Sample (Az15 D10); Greywacke hosted quartz vein; cg, Smokey grey, moderate rusted colouration w/ trace sulphides.
46					2020AW576	24-Aug-20	Andrew/Beau	658029.0186	5397140.195	Roberts Rd	5E	OC5E11	OC								
46					2020AW580	24-Aug-20	Andrew/Beau	659440.7936	5398277.088	Roberts Rd	3A	OC3A26	OC								

46					2020AW582	24-Aug-20	Andrew/Beau	659817.9454	5398626.216	Roberts Rd	3A	OC3A112	OC								AZ35D15
46					2020AW583	24-Aug-20	Andrew/Beau	659922.5244	5398683.492	Roberts Rd	5A	OC5A4E	OC								CONTACT A20D20
46					2020AW584	24-Aug-20	Andrew/Beau	659925.9511	5398669.129	Roberts Rd	5A	OC5A4E1	OC								
46					2020AW585	24-Aug-20	Andrew/Beau	659937.0976	5398667.89	Roberts Rd	3A	OC3A NEAR 5A CONTACT	OC								A20D20
47		Terry	Tim		2020TH176	24-Aug-20	TNT	658504.056	5397105.324	TT8/Kaby Zone	3a	Greywacke Sediments	OC			20	110	20		17	MAFIC
47					2020TH177	24-Aug-20	TNT	658569.669	5396901.605	TT8/Kaby Zone	3a	Greywacke Sediments	OC			20	110	20		17	785525 - Outcrop Sample (Az 20 D 20); greywacke, high degree of rust colouration, silicified, potassic alteration and up to 2% disseminated sulphides throughout.
47					2020TH178	24-Aug-20	TNT	658497.719	5397121.051	TT8/Kaby Zone	1a	Mafic Volcanics	OC			20	110	20		17	
47					2020TH179	24-Aug-20	TNT	658595.745	5396950.622	TT8/Kaby Zone	1a	Mafic Volcanics	OC			10	100	20		17	
47					2020TH180	24-Aug-20	TNT	658592.37	5396294.116	TT8/Kaby Zone	1a	Mafic Volcanics	OC			10	100	20		17	785526 - Outcrop Sample (Az 15 D 15); greywacke, moderate degree of rust colouration, silicified. Quartz stringers/veinlets with up to 5% disseminated sulphides.
47					2020TH181	24-Aug-20	TNT	658568.713	5397331.298	TT8/Kaby Zone	1a	Mafic Volcanics	OC			20	110	20		17	
47					2020TH182	24-Aug-20	TNT	658534.708	5396799.723	TT8/Kaby Zone	4e	Pegmetite	OC								
47					2020TH183	24-Aug-20	TNT	658538.812	5397318.546	TT8/Kaby Zone	4e	Pegmetite	OC								
47					2020TH184	24-Aug-20	TNT	658497.002	5397118.01	TT8/Kaby Zone	3a	Greywacke Sediments	OC			20	110	20		17	
48	Dave	Terry	Tim		2020TH185	25-Aug-20	TNT	658118.08	5396569.046	TT8/Kaby Zone	4e	Pegmetite	OC								PINK
48					2020TH186	25-Aug-20	TNT	658171.354	5396342.963	TT8/Kaby Zone	4e	Pegmetite	OC								
48					2020TH187	25-Aug-20	TNT	658265.605	5395745.268	TT8/Kaby Zone	3a	Sediment	OC			20	110	20		17	
48					2020TH188	25-Aug-20	TNT	658405.534	5396414.979	TT8/Kaby Zone	3a	Sediment	OC			20	110	20		17	
48					2020TH189	25-Aug-20	TNT	658257.011	5396094.306	TT8/Kaby Zone	3a	Sediment	OC			20	110	20		17	
48					2020TH190	25-Aug-20	TNT	658135.826	5396130.272	TT8/Kaby Zone	5E	Tonolite	OC								
48					2020TH191	25-Aug-20	TNT	658145.352	5396171.137	TT8/Kaby Zone	5E	Tonolite	OC								
48					2020TH192	25-Aug-20	TNT	658139.536	5396272.761	TT8/Kaby Zone	5E	Tonolite	OC								
48					2020TH193	25-Aug-20	TNT	658090.227	5396008.066	TT8/Kaby Zone	5E	Tonolite	OC								
49	Dave	Andrew	Beau		2020AW591	26-Aug-20	Andrew/Beau	658727.4945	5397326.662	Roberts Rd	1H	F1H3A	F								
49					2020AW592	26-Aug-20	Andrew/Beau	658735.5791	5397113.877	Roberts Rd	3A	F3A8	F								
49					2020AW586	26-Aug-20	Andrew/Beau	658694.5786	5397758.789	Roberts Rd	3A	OC3A28	OC								
49					2020AW587	26-Aug-20	Andrew/Beau	658678.5362	5397688.359	Roberts Rd	1H	OC1H7	OC								AZ50? D25
49					2020AW588	26-Aug-20	Andrew/Beau	658678.3347	5397635.524	Roberts Rd	3A	OC3A34	OC								AZ60 D35
49					2020AW589	26-Aug-20	Andrew/Beau	658688.8594	5397570.629	Roberts Rd	3A	OC3A42	OC								
49					2020AW590	26-Aug-20	Andrew/Beau	658702.6403	5397520.633	Roberts Rd	3A	OC3A52	OC								
49					2020AW593	26-Aug-20	Andrew/Beau	658907.0701	5396793.581	Roberts Rd	3A	OC3A62	OC								
50		Terry	Tim		2020TH194	26-Aug-20	TNT	654927.317	5395145.963	Road 500	5E	Tonolite	OC								
50					2020TH195	26-Aug-20	TNT	655121.895	5394977.93	Road 500	5E	Tonolite	OC								
50					2020TH196	26-Aug-20	TNT	655514.251	5394737.51	Road 500	5E	Tonolite	OC								
50					2020TH197	26-Aug-20	TNT	655691.607	5394662.888	Road 500	5E	Tonolite	OC								A70 D30
50					2020TH198	26-Aug-20	TNT	656127.89	5395024.18	Road 500	5E	Tonolite	OC								A110? D30
50					2020TH199	26-Aug-20	TNT	657002.0072	5394632.433	Road 500	5E	Tonolite	OC								Rep Sample 1
50					2020TH200	26-Aug-20	TNT	656504.6774	5394376.937	Road 500	5E	Tonolite	OC								A55 D30
50					2020TH201	26-Aug-20	TNT	656822.3128	5393985.91	Road 500	5E	Tonolite	OC								
50					2020TH202	26-Aug-20	TNT	656025.0297	5394345.122	Road 500	5E	Tonolite	OC								
50					2020TH203	26-Aug-20	TNT	655814.1538	5393822.353	Road 500	5E	Tonolite	OC								
50					2020TH204	26-Aug-20	TNT	655609.6793	5393359.396	Road 500	5E	Tonolite	OC								Rep Sample 2
50					2020TH205	26-Aug-20	TNT	656108.1504	5393271.122	Road 500	5E	Tonolite	OC								
50					2020TH206	26-Aug-20	TNT	655800.5221	5392534.768	Road 500	5E	Tonolite	OC								
50					2020TH207	26-Aug-20	TNT	656601.0039	5392753.473	Road 500	5E	Tonolite	OC								SHEARED A40D25
50					2020TH208	26-Aug-20	TNT	656929.6633	5392933.394	Road 500	5E	Tonolite	OC								A10D10 Rep Sample 3
50					2020TH209	26-Aug-20	TNT	657027.7543	5392908.659	Road 500	5E	Tonolite	OC								
50					2020TH210	26-Aug-20	TNT	655683.7204	5393228.97	Road 500	7a	Diabase	OC								
50					2020TH211	26-Aug-20	TNT	656559.728	5392772.452	Road 500	7a	Diabase	OC								
50					2020TH212	26-Aug-20	TNT	654875.3463	5395203.929	Road 500	4E	Pegmetite	OC								
51	Dave	Terry	Tim		2020TH213	27-Aug-20	TNT	654780.3114	5390608.125	Road 500	3a	Sediment	OC			280	10	70		17	REP 5
51					2020TH214	27-Aug-20	TNT	655146.3855	5390704.762	Road 500	5a	granite	OC								Rep Sample 4
51					2020TH215	27-Aug-20	TNT	654770.3566	5390578.827	Road 500	1H	Mafic Tuff	OC			280	10	70		17	AZ20D20 4C? SHEARED REP5.
51					2020TH216	27-Aug-20	TNT	654704.26	5390915.598	Road 500	5a	granite	OC								
51					2020TH217	27-Aug-20	TNT	654684.7568	5390887.808	Road 500	5a	granite	OC								A20D20SHEARING
51					2020TH218	27-Aug-20	TNT	654619.0803	5390845.285	Road 500	5a	granite	OC								
51					2020TH219	27-Aug-20	TNT	654493.1997	5390681.757	Road 500	1H	Mafic Tuff	OC			280	10	70		17	
51					2020TH221	27-Aug-20	TNT	654440.4592	5390557.285	Road 500	7a	Diabase	OC								
51					2020TH222	27-Aug-20	TNT	654484.4829	5390601.989	Road 500	5a	granite	OC								
51					2020TH223	27-Aug-20	TNT	654648.8183	5390683.26	Road 500	5a	granite	OC								AZ15
51					2020TH224	27-Aug-20	TNT	654599.751	5390570.01	Road 500	5a	granite	OC								OC 3A REP7/8 WEATHERED/UNWEATHERED

51					2020TH225	27-Aug-20	TNT	654854.2117	5390472.677	Road 500	5a	granite	OC									AZ15
51					2020TH226	27-Aug-20	TNT	655071.8488	5390593.367	Road 500	5a	granite	OC									AZ15
51					2020TH227	27-Aug-20	TNT	654568.4635	5390692.06	Road 500	1H	Mafic Tuff	OC			280	10	70		17		Outcrop Sample (Az 15 D 15); greywacke, fg/mg, moderate degree of rust colouration, silicified. Trace disseminated sulphides
51					2020TH228	27-Aug-20	TNT	654824.7284	5390587.774	Road 500	1H	Mafic Tuff	OC			280	10	70		17		Outcrop Sample (Az 15 D 15); greywacke, fg, intermediate/felsic, high degree of rust colouration, weathering, brittle along bedding plane
51					2020TH229	27-Aug-20	TNT	654967.4038	5390502.724	Road 500	1H	Mafic Tuff	OC			280	10	70		17		Outcrop Sample (Az 15 D 15); greywacke, fg to mg, intermediate/felsic in composition, high degree of rust colouration, weathering, brittle along bedding plane
51					2020TH230	27-Aug-20	TNT	654800.0738	5390479.418	Road 500	3a	Sediment	OC			280	10	70		17		AZ15D15
51					2020TH231	27-Aug-20	TNT	654858.605	5390492.378	Road 500	3a	Sediment	OC			280	10	70		17		Outcrop Sample (Az15 D15); Greywacke hosted quartz vein; cg, Smokey grey, moderate rusted colouration, 3cm wide, w/ trace sulphides. Greywacke is silicified, fg and contains ~1% disseminated sulphides with minor magnetism.
51					2020TH232	27-Aug-20	TNT	654793.7542	5390529.638	Road 500	3a	Sediment	OC			280	10	70		17		Outcrop Sample (Az 15 D 15); greywacke, fg to mg, intermediate/felsic in composition, high degree of rust colouration, weathering, brittle along bedding plane
51					2020TH233	27-Aug-20	TNT	654303.2791	5390445.066	Road 500	3a	Sediment	OC			280	10	70		17		Outcrop Sample (Az15 D15); Greywacke hosted quartz vein; cg, Smokey grey, moderate rusted colouration, 2 cm wide, w/ trace sulphides. Greywacke is fg and contains ~1-2% disseminated sulphides with minor felsic and mafic banding/bedding layers.
51					2020TH234	27-Aug-20	TNT	654848.9784	5390552.957	Road 500	3a	Sediment	OC			280	10	70		17		AZ50D20
51					2020TH235	27-Aug-20	TNT	654363.067	5390506.331	Road 500	3a	Sediment	OC			280	10	90		17		Outcrop (AZ25 D20); Quartz vein hosted in greywacke rock, QV is cg, Smokey and ~5cm wide, ~5-10% blebby sulphides (po/py and lesser cpy). Quartz vein is close to a greywacke and mafic tuff contact.
51					2020TH236	27-Aug-20	TNT	654932.165	5390463.041	Road 500	3a	Sediment	OC			280	10	70		17		Outcrop Sample (AZ30 D30); mafic tuff, fg, foliated, mafic unit with py stringers and disseminated py (~2% overall) with qtz/calcite stringers as well.
52	Dave	Terry	Tim		2020TH242	28-Aug-20	TNT	653567.352	5389497.455	Road 500	5a	granite	F									
52					2020TH243	28-Aug-20	TNT	654012.217	5390141.203	Road 500	5a	granite	F									
52					2020TH244	28-Aug-20	TNT	653894.799	5389705.073	Road 500	5a	granite	F									
52					2020TH249	28-Aug-20	TNT	654146.3674	5390517.51	Road 500	3a	Sediment	F									
52					2020TH250	28-Aug-20	TNT	653655.5241	5389961.035	Road 500	3a	Sediment	F									
52					2020TH237	28-Aug-20	TNT	654137.934	5390835.515	Road 500	7a	Diabase	OC									Outcrop Sample (AZ40 D30); mafic tuff, fg, foliated, mafic unit with py stringers and disseminated py (~2-3% overall) with qtz/calcite stringers as well.
52					2020TH238	28-Aug-20	TNT	654322.912	5390674.971	Road 500	7a	Diabase	OC									Outcrop (AZ25 D30); Quartz vein hosted in Mafic Tuff rock, QV is cg, Smokey and ~3-5cm wide, ~5-10% blebby sulphides (po/py and lesser cpy). ~1% disseminated sulphides in host rock. Quartz vein is located approximately 15-20 below the quartz vein in 7855
52					2020TH239	28-Aug-20	TNT	654130.102	5390801.484	Road 500	5a	granite	OC									Outcrop (AZ25 D20); greywacke, fg/mg, silicified, bt alteration, close to a mafic tuff contact ~ 2% disseminated sulphides (po, py, and mo). The foot wall of the qv sampled in 785537.
52					2020TH240	28-Aug-20	TNT	654013.843	5390571.271	Road 500	5a	granite	OC									Follow up on this.
52					2020TH241	28-Aug-20	TNT	653889.073	5390484.762	Road 500	5a	granite	OC									
52					2020TH245	28-Aug-20	TNT	654355.456	5390778.199	Road 500	1H	Mafic Tuff	OC			320	50	50		17		Comment
52					2020TH246	28-Aug-20	TNT	654196.985	5390918.118	Road 500	1H	Mafic Tuff	OC			300	30	80		17		
52					2020TH247	28-Aug-20	TNT	654207.819	5390603.955	Road 500	3a	Sediment	OC			310	40	70		17		
52					2020TH248	28-Aug-20	TNT	654047.6023	5390611.466	Road 500	3a	Sediment	OC			320	50	80		17		
53	Dave	Terry	Tim		2020TH251	31-Aug-20	TNT	655297.0327	5391123.494	Road 500	5a	granite	OC									
53					2020TH252	31-Aug-20	TNT	654821.6063	5391249.413	Road 500	5a	granite	OC									
53					2020TH253	31-Aug-20	TNT	654422.9251	5391146.893	Road 500	5a	granite	OC									
53					2020TH254	31-Aug-20	TNT	654294.9942	5391095.661	Road 500	5a	granite	OC									
53					2020TH255	31-Aug-20	TNT	653997.3308	5391332.317	Road 500	5a	granite	OC									
53					2020TH256	31-Aug-20	TNT	654150.6756	5391241.536	Road 500	5a	granite	OC									
53					2020TH257	31-Aug-20	TNT	654040.759	5390933.626	Road 500	7a	Diabase	OC									

53					2020TH258	31-Aug-20	TNT	653798.9516	5391087.29	Road 500	7a	Diabase	OC								
53					2020TH259	31-Aug-20	TNT	653536.6057	5390830.509	Road 500	5a	granite	OC								
53					2020TH260	31-Aug-20	TNT	653920.58	5391217.867	Road 500	5a	granite	OC								
53					2020TH261	31-Aug-20	TNT	655172.9485	5391015.949	Road 500	5a	granite	OC								
53					2020TH262	31-Aug-20	TNT	653885.807	5390781.772	Road 500	5a	granite	OC								
53					2020TH263	31-Aug-20	TNT	653813.5	5390684.917	Road 500	5a	granite	OC								
53					2020TH264	31-Aug-20	TNT	655026.1666	5390881.424	Road 500	5b	granodiorite	OC								
53					2020TH265	31-Aug-20	TNT	655257.9586	5391204.06	Road 500	5b	granodiorite	OC								
53					2020TH266	31-Aug-20	TNT	654645.4434	5391172.817	Road 500	5b	granodiorite	OC								
53					2020TH267	31-Aug-20	TNT	653675.8114	5390742.106	Road 500	5b	granodiorite	OC								
53					2020TH268	31-Aug-20	TNT	654861.6905	5390768.214	Road 500	5b	granodiorite	OC								
53					2020TH269	31-Aug-20	TNT	654001.5191	5390873.039	Road 500	3a	Greywacke Sediments	OC			280	10	75		17	
53					2020TH270	31-Aug-20	TNT	654006.463	5390880.857	Road 500	1h	Mafic Tuff	OC			280	10	75		17	
53					2020TH271	31-Aug-20	TNT	653580.7172	5390874.872	Road 500	4a	Quartz Porphry	OC			280	10	80		17	
53					2020TH272	31-Aug-20	TNT	653575.1185	5390853.247	Road 500	3a	Sediment	OC			280	10	80		17	
53					2020TH273	31-Aug-20	TNT	653654.5021	5390879.78	Road 500	3a	Sediment	OC			280	10	80		17	
53					2020TH274	31-Aug-20	TNT	653693.2734	5390963.268	Road 500	3a	Sediment	OC			280	10	80		17	
54	Dave	Terry	Tim		2020TH281	01-Sep-20	TNT	653395.6743	5391028.212	Road 500	5a	Granite	F								
54					2020TH282	01-Sep-20	TNT	653641.9882	5391623.025	Road 500	5a	Granite	F								
54					2020TH284	01-Sep-20	TNT	653213.7366	5391205.78	Road 500	5a	Granite	F								
54					2020TH275	01-Sep-20	TNT	653807.9367	5391819.442	Road 500	5a	granite	OC								
54					2020TH276	01-Sep-20	TNT	653922.4896	5391809.788	Road 500	5a	granite	OC								
54					2020TH277	01-Sep-20	TNT	653976.7506	5391693.26	Road 500	5a	granite	OC								
54					2020TH278	01-Sep-20	TNT	653637.8347	5391252.064	Road 500	7a	Diabase	OC								
54					2020TH279	01-Sep-20	TNT	653415.2315	5391445.314	Road 500	7a	Diabase	OC								
54					2020TH280	01-Sep-20	TNT	653491.3139	5391115.135	Road 500	5a	granite	OC								
54					2020TH283	01-Sep-20	TNT	653499.415	5391519.907	Road 500	5a	Granite	OC								
54					2020TH285	01-Sep-20	TNT	653350.8851	5391354.23	Road 500	5a	Granite	OC								
54					2020TH286	01-Sep-20	TNT	653229.2736	5390976.514	Road 500	5a	Granite	OC								
54					2020TH287	01-Sep-20	TNT	653760.6137	5391736.613	Road 500	5a	Granite	OC								
54					2020TH288	01-Sep-20	TNT	653775.7273	5391432.254	Road 500	5a	Granite	OC								
54					2020TH289	01-Sep-20	TNT	653541.8036	5391155.226	Road 500	5a	Granite	OC								
54					2020TH290	01-Sep-20	TNT	653650.2485	5391269.754	Road 500	3a	Greywacke Sediments	OC	Foliation		300	30	75		17	
54					2020TH291	01-Sep-20	TNT	653598.6665	5391226.528	Road 500	1H	Mafic Tuff	OC	Foliation		300	30	75		17	
54					2020TH292	01-Sep-20	TNT	653637.4417	5391271.856	Road 500	1H	Mafic Tuff	OC	Foliation		300	30	75		17	
54					2020TH293	01-Sep-20	TNT	653510.196	5391144.349	Road 500	3a	Greywacke Sediments	OC	Foliation		310	40	75		17	
55	Dave	Terry	Tim		2020TH299	02-Sep-20	TNT	653469.6139	5391674.71	Road 500	5a	Granite	F								
55					2020TH313	02-Sep-20	TNT	652986.2295	5391181.782	Road 500	5a	Granite	F								
55					2020TH314	02-Sep-20	TNT	652939.1472	5391035.233	Road 500	5a	Granite	F								
55					2020TH315	02-Sep-20	TNT	652828.4058	5390942.231	Road 500	5a	Granite	F								
55					2020TH316	02-Sep-20	TNT	652783.1396	5391116.194	Road 500	5a	Granite	F								
55					2020TH317	02-Sep-20	TNT	652769.034	5391307.125	Road 500	5a	Granite	F								
55					2020TH318	02-Sep-20	TNT	652908.0302	5391512.347	Road 500	5a	Granite	F								
55					2020TH319	02-Sep-20	TNT	654152.7334	5391601.654	Road 500	5a	Granite	F								
55					2020TH320	02-Sep-20	TNT	654607.2288	5391715.137	Road 500	5a	Granite	F								
55					2020TH321	02-Sep-20	TNT	654840.7969	5391635.813	Road 500	5a	Granite	F								
55					2020TH294	02-Sep-20	TNT	653173.3522	5391467.849	Road 500	5a	Granite	OC								
55					2020TH295	02-Sep-20	TNT	654938.0315	5391273.871	Road 500	5a	Granite	OC								
55					2020TH296	02-Sep-20	TNT	653288.8417	5391586.124	Road 500	7a	Diabase	OC								
55					2020TH297	02-Sep-20	TNT	653137.1211	5391699.339	Road 500	7a	Diabase	OC								
55					2020TH298	02-Sep-20	TNT	653527.8833	5391813.011	Road 500	7a	Diabase	OC								
55					2020TH300	02-Sep-20	TNT	655427.523	5391396.291	Road 500	5a	Granite	OC								
55					2020TH301	02-Sep-20	TNT	653240.6513	5391529.308	Road 500	5a	Granite	OC								
55					2020TH302	02-Sep-20	TNT	653046.4665	5391313.343	Road 500	5a	Granite	OC								
55					2020TH303	02-Sep-20	TNT	653175.2964	5391723.633	Road 500	5a	Granite	OC								
55					2020TH304	02-Sep-20	TNT	654463.8207	5391305.416	Road 500	5a	Granite	OC								
55					2020TH305	02-Sep-20	TNT	654460.1568	5391486.74	Road 500	5a	Granite	OC								
55					2020TH306	02-Sep-20	TNT	654441.0914	5391646.832	Road 500	5a	Granite	OC								
55					2020TH307	02-Sep-20	TNT	654900.3567	5391474.835	Road 500	5a	Granite	OC								
55					2020TH308	02-Sep-20	TNT	653427.0815	5391731.95	Road 500	5a	Granite	OC								
55					2020TH309	02-Sep-20	TNT	653304.7071	5391607.032	Road 500	5a	Granite	OC								
55					2020TH310	02-Sep-20	TNT	653216.8589	5391899.067	Road 500	5a	Granite	OC								
55					2020TH311	02-Sep-20	TNT	653059.4792	5391644.388	Road 500	5a	Granite	OC								
55					2020TH312	02-Sep-20	TNT	653323.5276	5391916.326	Road 500	5a	Granite	OC								

55					2020TH322	02-Sep-20	TNT	653587.3677	5391698.953	Road 500	5a	Granite	OC							
55					2020TH323	02-Sep-20	TNT	653115.7553	5391683.075	Road 500	1a	Mafic Volcanics	OC	Foliation		300	30	70		17
55					2020TH324	02-Sep-20	TNT	655361.5881	5391230.392	Road 500	5E	Tonolite	OC	Shear		280	10	50		32
56		Dave	Beau		2020DS001	03-Sep-20	Dave/Beau	654456	5389622	S 500 Rd	5B	Float	F							
56					2020DS002	03-Sep-20	Dave/Beau	654342	5389797	S 500 Rd	5A	Float	F							
56					2020DS003	03-Sep-20	Dave/Beau	654537	5390109	S 500 Rd	5B	Float	F							
56					2020DS004	03-Sep-20	Dave/Beau	654903	5390087	S 500 Rd	5B	Float	F							
56					2020DS005	03-Sep-20	Dave/Beau	655232	5390320	S 500 Rd	5A	Float	F							
56					2020DS006	03-Sep-20	Dave/Beau	655105	5390443	S 500 Rd	5A	Float	F							
57		Terry	Tim		2020TH325	03-Sep-20	TNT	656522.76	5390209.121	Road 500	5a	Granite	OC							
57					2020TH326	03-Sep-20	TNT	656741.342	5390348.14	Road 500	5b	Granodiorite	OC							
57					2020TH327	03-Sep-20	TNT	656445.797	5390291.403	Road 500	5b	Granodiorite	OC							
57					2020TH328	03-Sep-20	TNT	656672.001	5390299.933	Road 500	5b	Granodiorite	OC							
57					2020TH329	03-Sep-20	TNT	656930.835	5390422.507	Road 500	5b	Granodiorite	OC	Lineation		230	320			8
57					2020TH330	03-Sep-20	TNT	656470.594	5390274.406	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
57					2020TH331	03-Sep-20	TNT	656494.834	5390237.712	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
57					2020TH332	03-Sep-20	TNT	656509.579	5390216.539	Road 500	1a	Mafic Volcanics	OC	Foliation		280	10	80		17
57					2020TH333	03-Sep-20	TNT	656591.713	5390112.603	Road 500	1a	Mafic Volcanics	OC	Z-Folding	Z Pattern	280	10	80		73
57					2020TH334	03-Sep-20	TNT	656629.072	5390060.136	Road 500	1a	Mafic Volcanics	OC	Foliation		280	10	80		17
57					2020TH335	03-Sep-20	TNT	656562.462	5390175.636	Road 500	1a	Mafic Volcanics	OC	Foliation		280	10	80		17
57					2020TH336	03-Sep-20	TNT	656525.821	5390255.367	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
58		Dave	Beau		2020DS007	04-Sep-20	Dave/Beau	655090	5389672	S 500 Rd	5B	Float	F							
58					2020DS008	04-Sep-20	Dave/Beau	654975	5389625	S 500 Rd	4E	Float	F							
58					2020DS010	04-Sep-20	Dave/Beau	654814	5389487	S 500 Rd	5A	Float	F							
58					2020DS011	04-Sep-20	Dave/Beau	654736	5389518	S 500 Rd	4E	Float	F							
58					2020DS012	04-Sep-20	Dave/Beau	655382	5390482	S 500 Rd	5A	Float	F							
58					2020DS009	04-Sep-20	Dave/Beau	654946	5389607	S 500 Rd	6B	Gabbro	OC							
58					2020DS013	04-Sep-20	Dave/Beau	656968	5390447	S 500 Rd	5B	Outcrop	OC							
59		Terry	Tim		2020TH133	04-Sep-20	TNT	659093.995	5398871.819	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17
59					2020TH134	04-Sep-20	TNT	659099.859	5398750.848	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17
59					2020TH135	04-Sep-20	TNT	659197.038	5399286.333	TT8/Kaby Zone	5b	Granodiorite	OC							A130 D50
59					2020TH136	04-Sep-20	TNT	659462.98	5399031.48	TT8/Kaby Zone	5b	Granodiorite	OC							A180D40
59					2020TH137	04-Sep-20	TNT	659230.014	5399283.596	TT8/Kaby Zone	5b	Granodiorite	OC							
59					2020TH138	04-Sep-20	TNT	659170.836	5399287.146	TT8/Kaby Zone	5b	Granodiorite	OC							A130D25
59					2020TH139	04-Sep-20	TNT	659146.669	5398833.939	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17 A130D25
59					2020TH140	04-Sep-20	TNT	658981.653	5398431.682	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17 A130D25
59					2020TH141	04-Sep-20	TNT	659343.239	5399158.004	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17 Weak foliation
59					2020TH142	04-Sep-20	TNT	659183.774	5399222.106	TT8/Kaby Zone	3a	Greywacke Sediments	OC			40	130	20		17 Weak foliation
59					2020TH143	04-Sep-20	TNT	659014.397	5398343.959	TT8/Kaby Zone	4e	Pegmatite	OC							
59					2020TH144	04-Sep-20	TNT	659241.7	5399271.136	TT8/Kaby Zone	3a	Greywacke Sediments	OC			20	110	20		17 Weak foliation
59					2020TH145	04-Sep-20	TNT	659382.153	5399122.402	TT8/Kaby Zone	3a	Greywacke Sediments	OC			30	120	20		17 Weak foliation
59					2020TH146	04-Sep-20	TNT	659269.69	5399052.902	TT8/Kaby Zone	3a	Silicified Greywacke	OC			30	120	20		17
59					2020TH337	04-Sep-20	TNT	656806.866	5390197.685	Road 500	5a	Granite	OC							
59					2020TH338	04-Sep-20	TNT	656781.8924	5390083.641	Road 500	5a	Granite	OC							
59					2020TH339	04-Sep-20	TNT	656828.995	5389874.94	Road 500	5a	Granite	OC							
59					2020TH340	04-Sep-20	TNT	656817.2016	5389710.991	Road 500	5a	Granite	OC							
59					2020TH341	04-Sep-20	TNT	656830.6007	5389558.299	Road 500	5a	Granite	OC							
59					2020TH342	04-Sep-20	TNT	656704.2049	5389533.311	Road 500	5a	Granite	OC							
59					2020TH343	04-Sep-20	TNT	656588.6851	5389538.65	Road 500	5a	Granite	OC							
59					2020TH344	04-Sep-20	TNT	656593.1979	5389691.618	Road 500	5a	Granite	OC							
59					2020TH345	04-Sep-20	TNT	656527.7554	5389844.52	Road 500	5a	Granite	OC							
59					2020TH346	04-Sep-20	TNT	656506.7856	5390009.784	Road 500	5a	Granite	OC							
59					2020TH347	04-Sep-20	TNT	656376.2998	5390378.35	Road 500	5a	Granite	OC							
59					2020TH348	04-Sep-20	TNT	656612.3699	5390402.938	Road 500	5a	Granite	OC							
59					2020TH349	04-Sep-20	TNT	656655.483	5390305.365	Road 500	5a	Granite	OC							
59					2020TH350	04-Sep-20	TNT	656820.4443	5389919.865	Road 500	7a	Diabase	OC							
59					2020TH351	04-Sep-20	TNT	656564.0675	5390485.914	Road 500	5a	Granite	OC							
59					2020TH352	04-Sep-20	TNT	656798.08	5390298.666	Road 500	5a	Granite	OC							
59					2020TH353	04-Sep-20	TNT	656370.8265	5390278.417	Road 500	1a	Mafic Volcanics	OC	Foliation		240	330	80		17
59					2020TH354	04-Sep-20	TNT	656571.5216	5390456.305	Road 500	1a	Mafic Volcanics	OC	Z-Folding	Z Pattern	250	340	80		73
59					2020TH355	04-Sep-20	TNT	656419.408	5390249.066	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
59					2020TH356	04-Sep-20	TNT	656316.2836	5390341.969	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
59					2020TH357	04-Sep-20	TNT	656395.823	5390484.679	Road 500	1a	Mafic Volcanics	OC	Foliation		260	350	80		17
59					2020TH358	04-Sep-20	TNT	656478.995	5390126.255	Road 500	1a	Mafic Volcanics	OC	Foliation		280	10	80		17

59					2020TH359	04-Sep-20	TNT	656510.0486	5390088.52	Road 500	1a	Mafic Volcanics	OC	Foliation		290	20	80		17	
59					2020TH360	04-Sep-20	TNT	656379.523	5390421.487	Road 500	1a	Mafic Volcanics	OC	Shear	Moderate	230	320	80		35	
59					2020TH361	04-Sep-20	TNT	656375.7619	5390450.742	Road 500	3a	Greywacke Sediments	OC	Foliation		260	350	80		17	
60	Dave	Andrew	Beau		2020AW595	05-Sep-20	Andrew/Beau	656507.2863	5390203.459	500 Rd	1A	FL1A42	F								
60					2020AW596	05-Sep-20	Andrew/Beau	656505.2082	5390209.303	500 Rd	1A	785591	F								Float Sample; Fg, dark green to grey mafic unit with a moderate to high degree of rusting and <1% finely disseminated sulphides.
60					2020AW601	05-Sep-20	Andrew/Beau	656381.9064	5390139.794	500 Rd	5B	F5B5A	F								
60					2020AW605	05-Sep-20	Andrew/Beau	656234.4892	5389985.967	500 Rd	1A	F1A1	F								
60					2020AW612	05-Sep-20	Andrew/Beau	656039.0755	5389547.617	500 Rd	4E	FL4E41	F								
60					2020AW614	05-Sep-20	Andrew/Beau	655840.4441	5389798.727	500 Rd	5A	FL5A6	F								
60					2020AW618	05-Sep-20	Andrew/Beau	656029.7083	5389962.041	500 Rd	5A	FI5A1	F								
60					2020AW630	05-Sep-20	Andrew/Beau	656316.1064	5390295.253	500 Rd	4E	F4E	F								
60					2020AW597	05-Sep-20	Andrew/Beau	656500.2529	5390223.29	500 Rd	1A	POC1A1	POC	Foliation	wk	154	244	28		17	A154D28
60					2020AW594	05-Sep-20	Andrew/Beau	656527.9393	5390213.712	500 Rd	5A	OC5A9	OC								
60					2020AW598	05-Sep-20	Andrew/Beau	656484.0496	5390233.403	500 Rd	1A	OC1A 5A5B CONTACT	OC								
60					2020AW599	05-Sep-20	Andrew/Beau	656461.2349	5390234.66	500 Rd	5A	OC5A15	OC								
60					2020AW600	05-Sep-20	Andrew/Beau	656430.7664	5390217.011	500 Rd	4E	OC4E16	OC								
60					2020AW602	05-Sep-20	Andrew/Beau	656338.7411	5390048.826	500 Rd	1A	OC1A61	OC	Foliation	wk	308	38	60		17	
60					2020AW603	05-Sep-20	Andrew/Beau	656317.6955	5390026.218	500 Rd	4E	OC4E17	OC								
60					2020AW604	05-Sep-20	Andrew/Beau	656260.4313	5389991.368	500 Rd	4E	OC4E221	OC								
60					2020AW606	05-Sep-20	Andrew/Beau	656224.7005	5389980.026	500 Rd	4E	OC4E311	OC								
60					2020AW607	05-Sep-20	Andrew/Beau	656216.5307	5389926.514	500 Rd	4E	OC4E411	OC								
60					2020AW608	05-Sep-20	Andrew/Beau	656189.0818	5389901.063	500 Rd	4E	OC4E51	OC								
60					2020AW609	05-Sep-20	Andrew/Beau	656160.2383	5389793.031	500 Rd	4E	OC4E61	OC								
60					2020AW610	05-Sep-20	Andrew/Beau	656151.6535	5389770.211	500 Rd	4E	OC4E71	OC								
60					2020AW611	05-Sep-20	Andrew/Beau	656117.9524	5389725.556	500 Rd	5B	OC5B4E CONTACT	OC								
60					2020AW613	05-Sep-20	Andrew/Beau	655966.8169	5389646.501	500 Rd	4E	OC4E8	OC								
60					2020AW615	05-Sep-20	Andrew/Beau	655830.273	5389809.233	500 Rd	5B	OC4E 5B	OC								
60					2020AW616	05-Sep-20	Andrew/Beau	655870.7328	5389918.582	500 Rd	4E	OC4E9	OC								
60					2020AW617	05-Sep-20	Andrew/Beau	655921.554	5389946.807	500 Rd	4E	OC4E10	OC								
60					2020AW619	05-Sep-20	Andrew/Beau	656049.5729	5389963.59	500 Rd	6E	OC6E	OC								
60					2020AW620	05-Sep-20	Andrew/Beau	656075.4197	5389969.762	500 Rd	6E	OC6E1	OC								
60					2020AW621	05-Sep-20	Andrew/Beau	656098.3278	5389986.304	500 Rd	4E	OC4E1111	OC								
60					2020AW622	05-Sep-20	Andrew/Beau	656097.8369	5389985.293	500 Rd	1A	OC1A111	OC	Foliation	wk	30	120	60		17	
60					2020AW623	05-Sep-20	Andrew/Beau	656112.3918	5389986.919	500 Rd	1A	OC1A211	OC	Foliation	wk	270	0	70		17	
60					2020AW624	05-Sep-20	Andrew/Beau	656146.7091	5389998.659	500 Rd	4E	OC4E121	OC								
60					2020AW625	05-Sep-20	Andrew/Beau	656212.5555	5390159.773	500 Rd	4E	OC4E13	OC								
60					2020AW626	05-Sep-20	Andrew/Beau	656231.6832	5390206.028	500 Rd	4E	OC4E14	OC								
60					2020AW627	05-Sep-20	Andrew/Beau	656245.4703	5390259.024	500 Rd	4E	OC4E15	OC								
60					2020AW628	05-Sep-20	Andrew/Beau	656254.2422	5390280.181	500 Rd	1A	OC1A31	OC	Foliation	wk	80	170	70		17	
60					2020AW629	05-Sep-20	Andrew/Beau	656256.2021	5390286.575	500 Rd	1A	OC1A41	OC	Foliation	wk	80	170	70		17	
60					2020AW631	05-Sep-20	Andrew/Beau	656387.5998	5390282.221	500 Rd	4E	OC4E1A	OC								
60					2020AW632	05-Sep-20	Andrew/Beau	656536.3015	5390249.543	500 Rd	1A	OC1A51	OC	Foliation	wk	70	160	30		17	
61					2020AW633	06-Sep-20	Andrew/Beau	656849.1615	5390354.038	500 Rd	5E	F5E11	F								
61					2020AW634	06-Sep-20	Andrew/Beau	656899.9945	5390310.07	500 Rd	5E	F5E12	F								
61	Dave	Andrew	Beau		2020AW639	06-Sep-20	Andrew/Beau	656965.5591	5389907.674	500 Rd	5A	F5A1	F								
61					2020AW641	06-Sep-20	Andrew/Beau	657028.28	5389836.898	500 Rd	1A	F1A2	F								
61					2020AW653	06-Sep-20	Andrew/Beau	657196.0944	5390486.423	500 Rd	5B	FL5B104	F								
61					2020AW654	06-Sep-20	Andrew/Beau	657107.2314	5390472.152	500 Rd	5E	F5E21	F								
61					2020AW640	06-Sep-20	Andrew/Beau	657007.543	5389864.131	500 Rd	5A	POC5A1	POC								
61					2020AW635	06-Sep-20	Andrew/Beau	656915.7509	5390236.769	500 Rd	5A	OC5A10	OC								
61					2020AW636	06-Sep-20	Andrew/Beau	656881.6082	5390084.307	500 Rd	4E	OC 4E5A	OC								
61					2020AW637	06-Sep-20	Andrew/Beau	656880.7702	5390050.802	500 Rd	4E	OC4E18	OC								
61					2020AW638	06-Sep-20	Andrew/Beau	656900.306	5390016.533	500 Rd	4E	OC4E5A6	OC								
61					2020AW642	06-Sep-20	Andrew/Beau	657073.7946	5389822.487	500 Rd	4E	OC4E19	OC								
61					2020AW643	06-Sep-20	Andrew/Beau	657120.0171	5389819.891	500 Rd	4E	OC4E5A12	OC								
61					2020AW644	06-Sep-20	Andrew/Beau	657162.749	5389897.055	500 Rd	4E	OC4E23	OC	Lineation	wk	20	110			8	
61					2020AW645	06-Sep-20	Andrew/Beau	657174.293	5389758.446	500 Rd	4E	OC4E321	OC								
61					2020AW646	06-Sep-20	Andrew/Beau	657224.5532	5389869.75	500 Rd	4E	OC4E42	OC								
61					2020AW647	06-Sep-20	Andrew/Beau	657152.1125	5390084.974	500 Rd	1A	OC1A71	OC	Foliation	wk	250	340	70		17	
61					2020AW648	06-Sep-20	Andrew/Beau	657113.4489	5390136.395	500 Rd	5A	OC5A16	OC								
61					2020AW649	06-Sep-20	Andrew/Beau	657190.8769	5390230.324	500 Rd	5A	OC5A24	OC								
61					2020AW650	06-Sep-20	Andrew/Beau	657203.361	5390255.595	500 Rd	1A	OC1A121	OC	Foliation	wk	80	170			17	

61					2020AW651	06-Sep-20	Andrew/Beau	657207.427	5390297.535	500 Rd	1A	OC1A22	OC	Foliation	wk	80	170	70		17	
61					2020AW652	06-Sep-20	Andrew/Beau	657219.1506	5390313.097	500 Rd	5B	OC5B14	OC								
61					2020AW655	06-Sep-20	Andrew/Beau	656979.8085	5390445.114	500 Rd	5B	OC5B152	OC								
61					2020AW656	06-Sep-20	Andrew/Beau	656749.1517	5390348.358	500 Rd	5B	OC5A 5B CONTACT	OC								
61					2020AW657	06-Sep-20	Andrew/Beau	659192.7152	5390409.04	500 Rd	5B	OC5B231	OC								
61					2020AW658	06-Sep-20	Andrew/Beau	659222.0126	5390407.754	500 Rd	5B	OC5B321	OC								
61					2020AW659	06-Sep-20	Andrew/Beau	659196.5488	5390492.243	500 Rd	5B	OC5B431	OC								
61					2020AW660	06-Sep-20	Andrew/Beau	659187.8294	5390479.875	500 Rd	5B	OC5B521	OC								
61					2020AW661	06-Sep-20	Andrew/Beau	658798.5218	5389764.168	500 Rd	5B	OC5B621	OC								
61					2020AW662	06-Sep-20	Andrew/Beau	658534.7748	5389805.113	500 Rd	5A	OC5A32	OC								
61					2020AW663	06-Sep-20	Andrew/Beau	658488.0151	5389782.433	500 Rd	5A	OC5A42	OC								
62	Dave	Andrew	Beau		2020AW664	07-Sep-20	Andrew/Beau	657433.4556	5389683.278	500 Rd	5B	POC5B2	POC								
62					2020AW665	07-Sep-20	Andrew/Beau	657441.8539	5389678.171	500 Rd	5A	OC5A17	OC								
62					2020AW666	07-Sep-20	Andrew/Beau	657445.8942	5389681.286	500 Rd	5A	OC5A18	OC								
62					2020AW667	07-Sep-20	Andrew/Beau	657483.2327	5389682.668	500 Rd	5A	OC5A25	OC								
62					2020AW668	07-Sep-20	Andrew/Beau	657502.9349	5389681.887	500 Rd	5A	OC5A33	OC								
62					2020AW669	07-Sep-20	Andrew/Beau	657541.5532	5389700.656	500 Rd	5A	OC5A43	OC								
62					2020AW670	07-Sep-20	Andrew/Beau	657602.5143	5389771.883	500 Rd	5A	OC5A511	OC								
62					2020AW671	07-Sep-20	Andrew/Beau	657609.9096	5389776.323	500 Rd	6E	OC6E8	OC								
62					2020AW672	07-Sep-20	Andrew/Beau	657608.6103	5389775.28	500 Rd	6E	785592	OC	Foliation	wk	60	150	65		17	
62					2020AW673	07-Sep-20	Andrew/Beau	657621.9303	5389789.228	500 Rd	1A	OC1A81	OC	Foliation	wk	200	290			17	
62					2020AW674	07-Sep-20	Andrew/Beau	657621.3712	5389790.658	500 Rd	5A	OC5A62	OC								
62					2020AW675	07-Sep-20	Andrew/Beau	657618.0086	5389805.463	500 Rd	6E	OC6E11	OC	Foliation	wk	60	150	65		17	
62					2020AW676	07-Sep-20	Andrew/Beau	657624.9666	5389817.564	500 Rd	6E	OC6E2	OC	Foliation	wk	60	150	65		17	
62					2020AW677	07-Sep-20	Andrew/Beau	657630.5181	5389824.731	500 Rd	5A	OC5A711	OC								
62					2020AW678	07-Sep-20	Andrew/Beau	657630.3872	5389829.399	500 Rd	6E	OC6E3	OC	Foliation	wk	60	150			17	
62					2020AW679	07-Sep-20	Andrew/Beau	657661.6583	5389810.473	500 Rd	5B	OC5B161	OC								
62					2020AW680	07-Sep-20	Andrew/Beau	657685.8438	5389804.923	500 Rd	4E	OC4E20	OC								
62					2020AW681	07-Sep-20	Andrew/Beau	657757.8018	5389746.879	500 Rd	4E	OC4E110	OC								
62					2020AW682	07-Sep-20	Andrew/Beau	657832.5342	5389747.42	500 Rd	5A	OC5A81	OC								
62					2020AW683	07-Sep-20	Andrew/Beau	657841.5604	5389749.007	500 Rd	6E	OC6E4	OC	Foliation	wk	230	320	65		17	
62					2020AW684	07-Sep-20	Andrew/Beau	657861.0209	5389751.548	500 Rd	6E	785593	OC	Foliation	wk	60	150	65		17	
62					2020AW685	07-Sep-20	Andrew/Beau	657861.3351	5389753.562	500 Rd	6E	OC6E5	OC	Foliation	wk	50	140	60		17	
62					2020AW686	07-Sep-20	Andrew/Beau	657908.0205	5389736.962	500 Rd	5A	OC5A91	OC								
62					2020AW687	07-Sep-20	Andrew/Beau	657929.0236	5389978.608	500 Rd	6E	OC6E6	OC								
62					2020AW688	07-Sep-20	Andrew/Beau	657915.6695	5389968.555	500 Rd	5A	OC5A101	OC								
62					2020AW689	07-Sep-20	Andrew/Beau	657869.4176	5389977.707	500 Rd	4E	OC4E24	OC								
62					2020AW690	07-Sep-20	Andrew/Beau	657833.1953	5390025.751	500 Rd	5A	OC5A111	OC								
62					2020AW691	07-Sep-20	Andrew/Beau	657827.8266	5390027.931	500 Rd	6E	OC6E7	OC	Foliation	wk	50	140			17	
62					2020AW692	07-Sep-20	Andrew/Beau	657778.0026	5390019.968	500 Rd	4E	OC4E33	OC								
62					2020AW693	07-Sep-20	Andrew/Beau	657433.3732	5389928.209	500 Rd	4E	OC4E43	OC								
62					2020AW694	07-Sep-20	Andrew/Beau	657421.7744	5389839.57	500 Rd	4E	OC4E511	OC								
62					2020AW695	07-Sep-20	Andrew/Beau	657415.3721	5390165.645	500 Rd	5A	OC5A121	OC								
62					2020AW696	07-Sep-20	Andrew/Beau	657442.7681	5390203.343	500 Rd	5A	OC5A132	OC								
63	Dave	Terry	Tim	Andrew	2020AW709	08-Sep-20	TTA	657661.677	5390703.031	500 Rd	5A	F 5A	F								
63					2020AW710	08-Sep-20	TTA	657657.6968	5390676.888	500 Rd	5A	F5A11	F								
63					2020AW711	08-Sep-20	TTA	657661.1019	5390652.63	500 Rd	3A	F3A9	F								
63					2020AW724	08-Sep-20	TTA	657047.6368	5390645.016	500 Rd	1A	F1A3	F								
63					2020AW726	08-Sep-20	TTA	657119.3271	5390527.435	500 Rd	1A	F1A11	F								
63					2020AW697	08-Sep-20	TTA	657253.1884	5390687.696	500 Rd	1A	OC1A91	OC	Foliation		64	154	60		17	
63					2020AW698	08-Sep-20	TTA	657267.1354	5390665.943	500 Rd	1A	OC1A131	OC	Foliation		70	160			17	
63					2020AW699	08-Sep-20	TTA	657250.8641	5390631.232	500 Rd	1A	OC1A23	OC	Foliation		140	230	80		17	
63					2020AW700	08-Sep-20	TTA	657265.1436	5390613.497	500 Rd	4E	OC4E25	OC								
63					2020AW701	08-Sep-20	TTA	657267.8054	5390607.791	500 Rd	1A	OC1A311	OC	Foliation		84	174	70		17	
63					2020AW702	08-Sep-20	TTA	657272.3142	5390596.794	500 Rd	1A	OC1A4E CONTACT	OC	Foliation		84	174	70		17	
63					2020AW703	08-Sep-20	TTA	657272.195	5390577.435	500 Rd	4E	OC4E112	OC								
63					2020AW704	08-Sep-20	TTA	657253.2404	5390533.074	500 Rd	5B	OC5B172	OC								
63					2020AW705	08-Sep-20	TTA	657248.1615	5390524.922	500 Rd	4E	OC4E26	OC								
63					2020AW706	08-Sep-20	TTA	657243.1846	5390515.777	500 Rd	5B	OC5B1121	OC								
63					2020AW707	08-Sep-20	TTA	657242.6821	5390512.76	500 Rd	4E	OC4E34	OC								
63					2020AW708	08-Sep-20	TTA	657253.2869	5390718.392	500 Rd	5A	OC5A19	OC								
63					2020AW712	08-Sep-20	TTA	658073.0376	5390438.168	500 Rd	4E	OC4E44	OC								
63					2020AW713	08-Sep-20	TTA	658070.5788	5390399.946	500 Rd	4E	OC4E52	OC								
63					2020AW714	08-Sep-20	TTA	658055.941	5390375.171	500 Rd	5A	OC5A110	OC								

63					2020AW715	08-Sep-20	TTA	657144.421	5390718.573	500 Rd	5A	OC5A26	OC							
63					2020AW716	08-Sep-20	TTA	657137.9355	5390705.273	500 Rd	1A	OC1A411	OC	Foliation		92	182	85		17	
63					2020AW717	08-Sep-20	TTA	657115.5115	5390690.185	500 Rd	4E	OC4E611	OC								
63					2020AW718	08-Sep-20	TTA	657074.4189	5390696.709	500 Rd	4E	OC4E711	OC								
63					2020AW719	08-Sep-20	TTA	657074.0637	5390699.03	500 Rd	1A	OC1A4E CONTACT	OC	Foliation		80	170			17	
63					2020AW720	08-Sep-20	TTA	657060.2571	5390699.875	500 Rd	4E	OC4E81	OC								
63					2020AW721	08-Sep-20	TTA	657045.6471	5390708.249	500 Rd	1A	OC1A511	OC	Foliation		78	168	70		17	
63					2020AW722	08-Sep-20	TTA	656977.0911	5390674.41	500 Rd	4E	OC4E91	OC								
63					2020AW723	08-Sep-20	TTA	657016.9797	5390634.258	500 Rd	5A	OC5A34	OC								
63					2020AW725	08-Sep-20	TTA	657053.8877	5390642.851	500 Rd	1A	OC1A611	OC	Foliation		90	180	75		17	
64	Dave	Terry	Tim		2020TH362	09-Sep-20	TNT	658672.4324	5391354.751	Road 500	5a	Granite Float	F								
64					2020TH372	09-Sep-20	TNT	658802.7006	5391267.32	Road 500	5a	Granite Float	F								
64					2020TH375	09-Sep-20	TNT	658446.4127	5391647.041	Road 500	1a	Mafic Volcanics Float	F								
64					2020TH376	09-Sep-20	TNT	658915.2885	5391249.926	Road 500	1a	Mafic Volcanics Float	F								
64					2020TH377	09-Sep-20	TNT	658461.1367	5391409.737	Road 500	1a	Mafic Volcanics Float	F								
64					2020TH378	09-Sep-20	TNT	658309.6579	5391599.13	Road 500	1a	Mafic Volcanics Float	F								
64					2020TH363	09-Sep-20	TNT	657861.5945	5391551.929	Road 500	7a	Diabase	OC								
64					2020TH364	09-Sep-20	TNT	658532.4806	5391626.327	Road 500	5a	Granite	OC								
64					2020TH365	09-Sep-20	TNT	658443.2473	5391427.479	Road 500	5a	Granite	OC								
64					2020TH366	09-Sep-20	TNT	658317.2008	5391420.475	Road 500	5a	Granite	OC								
64					2020TH367	09-Sep-20	TNT	658273.8292	5391589.113	Road 500	5a	Granite	OC								
64					2020TH368	09-Sep-20	TNT	657509.279	5391220.008	Road 500	5a	Granite	OC								
64					2020TH369	09-Sep-20	TNT	657478.4535	5391346.953	Road 500	5a	Granite	OC								
64					2020TH370	09-Sep-20	TNT	657607.5009	5391452.023	Road 500	5a	Granite	OC								
64					2020TH371	09-Sep-20	TNT	657797.9349	5391577.841	Road 500	5a	Granite	OC								
64					2020TH373	09-Sep-20	TNT	658842.9603	5391644.553	Road 500	5a	Granite	OC								
64					2020TH374	09-Sep-20	TNT	657545.0481	5391200.769	Road 500	1a	Mafic Volcanics	OC	Foliation		230	140	70		17	
65	Dave	Terry	Tim	Andrew	2020AW727	10-Sep-20	TTA	658865.0521	5391348.065	500 Rd	5B	FL5B161	F								
65					2020AW728	10-Sep-20	TTA	658844.7403	5391391.321	500 Rd	5A	FL5A7	F								
65					2020AW729	10-Sep-20	TTA	658815.2349	5391454.784	500 Rd	5A	FL5A12	F								
65					2020AW730	10-Sep-20	TTA	658740.9769	5391545.122	500 Rd	5B	F5B61	F								
65					2020AW731	10-Sep-20	TTA	658671.4665	5391561.284	500 Rd	6E	F6E	F								
65					2020AW732	10-Sep-20	TTA	658615.1613	5391623.879	500 Rd	5B	F5B111	F								
65					2020AW733	10-Sep-20	TTA	658589.1719	5391711.693	500 Rd	6E	F6E1	F								
65					2020AW737	10-Sep-20	TTA	658549.7053	5391770.643	500 Rd	7A	F7A	F								
65					2020AW751	10-Sep-20	TTA	658287.1214	5391818.415	500 Rd	3A	FL3A27	F								
65					2020AW752	10-Sep-20	TTA	658250.9918	5391816.501	500 Rd	3A	F3A10	F								
65					2020AW762	10-Sep-20	TTA	657609.2102	5391758.747	500 Rd	3A	F3A13	F								
65					2020AW770	10-Sep-20	TTA	657442.1384	5391930.038	500 Rd	5A	F5A3	F								
65					2020AW771	10-Sep-20	TTA	657435.4182	5391961.997	500 Rd	5B	F5B211	F								
65					2020AW778	10-Sep-20	TTA	658308.9568	5391924.705	500 Rd	5E	F5E13	F								
65					2020AW783	10-Sep-20	TTA	658467.6919	5391934.963	500 Rd	5B	F5B311	F								
65					2020AW786	10-Sep-20	TTA	658856.7759	5391885.554	500 Rd	5A	F5A111	F								
65					2020AW787	10-Sep-20	TTA	659002.2535	5391817.588	500 Rd	4E	F4E3	F								
65					2020AW788	10-Sep-20	TTA	659059.4864	5391813.315	500 Rd	4E	F4E1	F								
65					2020AW789	10-Sep-20	TTA	659164.7356	5391643.657	500 Rd	4E	F4E2	F								
65					2020AW792	10-Sep-20	TTA	659078.3096	5391273.56	500 Rd	5A	F5A2	F								
65					2020AW734	10-Sep-20	TTA	658576.8	5391732.48	500 Rd	5B	POC5B7	POC								
65					2020AW735	10-Sep-20	TTA	658552.3452	5391747.584	500 Rd	1A	OC1A101	OC	Foliation		100	190	75		17	
65					2020AW736	10-Sep-20	TTA	658580.1594	5391749.144	500 Rd	1A	OC1A141	OC								
65					2020AW738	10-Sep-20	TTA	658537.3207	5391791.654	500 Rd	1A	OC1A24	OC	Foliation		110	200	70		17	
65					2020AW739	10-Sep-20	TTA	658513.1016	5391806.54	500 Rd	5A	OC5A20	OC								
65					2020AW740	10-Sep-20	TTA	658514.8298	5391805.256	500 Rd	1A	OC1A32	OC	Foliation		100	190	70		17	
65					2020AW741	10-Sep-20	TTA	658515.6751	5391806.613	500 Rd	1A	785594	OC	Foliation		100	190	70		17	
65					2020AW742	10-Sep-20	TTA	658510.1408	5391809.459	500 Rd	5A	OC5A112	OC								
65					2020AW743	10-Sep-20	TTA	658498.5219	5391816.478	500 Rd	4E	OC4E27	OC								
65					2020AW744	10-Sep-20	TTA	658467.827	5391799.707	500 Rd	1A	OC1A4E3	OC	Foliation		75	165	70		17	
65					2020AW745	10-Sep-20	TTA	658423.7357	5391774.323	500 Rd	4E	OC4E113	OC								
65					2020AW746	10-Sep-20	TTA	658414.7144	5391770.06	500 Rd	1A	OC1A4E1	OC	Foliation		180	270	60		17	
65					2020AW747	10-Sep-20	TTA	658410.839	5391769.065	500 Rd	5A	OC5A27	OC								
65					2020AW748	10-Sep-20	TTA	658402.4604	5391768.269	500 Rd	4E	OC4E28	OC								
65					2020AW749	10-Sep-20	TTA	658391.6024	5391771.748	500 Rd	4E	OC4E35	OC								
65					2020AW750	10-Sep-20	TTA	658334.685	5391790.945	500 Rd	4E	OC4E45	OC								
65					2020AW753	10-Sep-20	TTA	658006.2384	5391804.166	500 Rd	5B	OC5B241	OC								

65					2020AW754	10-Sep-20	TTA	657999.8129	5391804.647	500 Rd	5B	OC5B113	OC							
65					2020AW755	10-Sep-20	TTA	657986.7216	5391780.149	500 Rd	5B	OC5B26	OC							
65					2020AW756	10-Sep-20	TTA	657983.9513	5391760.715	500 Rd	4E	OC4E53	OC							
65					2020AW757	10-Sep-20	TTA	657967.4261	5391735.104	500 Rd	4E	OC4E62	OC							
65					2020AW758	10-Sep-20	TTA	657881.0383	5391756.815	500 Rd	5B	OC5B341	OC							
65					2020AW759	10-Sep-20	TTA	657815.7419	5391764.994	500 Rd	5B	OC5B441	OC							
65					2020AW760	10-Sep-20	TTA	657626.8908	5391756.241	500 Rd	5B	OC5B531	OC							
65					2020AW761	10-Sep-20	TTA	657616.0553	5391758.939	500 Rd	5B	OC5B631	OC							
65					2020AW763	10-Sep-20	TTA	657589.0115	5391761.63	500 Rd	7A	OC7A8	OC							
65					2020AW764	10-Sep-20	TTA	657521.5308	5391771.308	500 Rd	5B	OC5B721	OC							
65					2020AW765	10-Sep-20	TTA	657487.0314	5391787.468	500 Rd	1A	OC1A4E2	OC	Foliation		60	150	70		17	
65					2020AW766	10-Sep-20	TTA	657478.4929	5391784.674	500 Rd	7A	OC7A13	OC							
65					2020AW767	10-Sep-20	TTA	657484.8792	5391790.634	500 Rd	1A	OC1A42	OC	Foliation		55	145	70		17	
65					2020AW768	10-Sep-20	TTA	657462.6653	5391794.459	500 Rd	5A	OC5A35	OC							
65					2020AW769	10-Sep-20	TTA	657424.9384	5391833.894	500 Rd	5A	OC5A44	OC							
65					2020AW772	10-Sep-20	TTA	657432.3041	5391986.497	500 Rd	5A	OC5A52	OC							
65					2020AW773	10-Sep-20	TTA	657427.3146	5391996.147	500 Rd	5E	OC5E13	OC	Foliation		50	140	60		17	
65					2020AW774	10-Sep-20	TTA	657956.5084	5392000.319	500 Rd	5A	OC5A63	OC							
65					2020AW775	10-Sep-20	TTA	658024.9301	5392012.034	500 Rd	5B	OC5B821	OC							
65					2020AW776	10-Sep-20	TTA	658040.5514	5392027.83	500 Rd	5A	OC5A72	OC							
65					2020AW777	10-Sep-20	TTA	658064.189	5392036.168	500 Rd	5A	OC5A82	OC							
65					2020AW779	10-Sep-20	TTA	658351.3783	5391933.463	500 Rd	4E	OC4E72	OC							
65					2020AW780	10-Sep-20	TTA	658367.9572	5391936.047	500 Rd	4E	OC4E82	OC							
65					2020AW781	10-Sep-20	TTA	658387.7727	5391928.597	500 Rd	4E	OC4E92	OC							
65					2020AW782	10-Sep-20	TTA	658421.5544	5391927.433	500 Rd	4E	OC4E101	OC							
65					2020AW784	10-Sep-20	TTA	658580.9443	5391969.198	500 Rd	4E	OC4E114	OC							
65					2020AW785	10-Sep-20	TTA	658618.6618	5391940.893	500 Rd	4E	OC4E1211	OC							
65					2020AW790	10-Sep-20	TTA	659168.4576	5391631.967	500 Rd	4E	OC4E131	OC							
65					2020AW791	10-Sep-20	TTA	659136.8015	5391433.07	500 Rd	4E	OC4E141	OC							
65					2020AW793	10-Sep-20	TTA	658988.4322	5391178.467	500 Rd	5A	OC5A92	OC							
66	Dave	Terry	Tim	Andrew	2020AW794	11-Sep-20	TTA	656516.9718	5392179.125	500 Rd	5E	OC5E 22	OC							
66					2020AW795	11-Sep-20	TTA	656760.5902	5392237.676	500 Rd	5E	OC5E333	OC	foliation	wk	60	150	10		17	
66					2020AW796	11-Sep-20	TTA	657008.7367	5392194.65	500 Rd	5E	OC5E4444	OC	foliation	wk	60	150	10		17	
66					2020AW797	11-Sep-20	TTA	657215.0336	5392147.314	500 Rd	5E	OC5E5555	OC	foliation	wk	60	150	10		17	
66					2020AW798	11-Sep-20	TTA	657333.3459	5392407.533	500 Rd	5E	OC5E6666	OC	foliation	wk	60	150	10		17	
66					2020AW799	11-Sep-20	TTA	657139.7126	5392496.085	500 Rd	5E	OC5E7777	OC	foliation	wk	60	150	10		17	
66					2020AW800	11-Sep-20	TTA	656880.28	5392612.388	500 Rd	5E	OC5E66666	OC	foliation	wk	60	150	10		17	
66					2020AW801	11-Sep-20	TTA	656616.9306	5392747.279	500 Rd	5E	OC5E 7777	OC	foliation	wk	60	150	10		17	
66					2020AW802	11-Sep-20	TTA	656482.6697	5392777.511	500 Rd	5E	OC5E8888	OC	foliation	wk	60	150	10		17	
66					2020AW803	11-Sep-20	TTA	656396.0795	5392669.183	500 Rd	5E	OC5E88888	OC	foliation	wk	60	150	10		17	
67	Dave	Terry	Tim	Andrew	2020AW805	14-Sep-20	TTA	658022.6869	5393615.343	500 Rd	5B	F5B71	F							
67					2020AW806	14-Sep-20	TTA	658062.7783	5393633.161	500 Rd	5B	F5B121	F							
67					2020AW809	14-Sep-20	TTA	658133.1554	5393627.134	500 Rd	5B	F5B22	F							
67					2020AW810	14-Sep-20	TTA	658148.1876	5393629.665	500 Rd	4E	F4E4	F							
67					2020AW815	14-Sep-20	TTA	658472.8666	5393375.637	500 Rd	5B	F5B32	F							
67					2020AW818	14-Sep-20	TTA	658395.5012	5393730.967	500 Rd	4E	F4E11	F							
67					2020AW819	14-Sep-20	TTA	658370.7559	5393780.328	500 Rd	5B	F5B411	F							
67					2020AW820	14-Sep-20	TTA	658293.7579	5393833.325	500 Rd	5B	F5B511	F							
67					2020AW825	14-Sep-20	TTA	658262.1844	5393832.332	500 Rd	3A	F3A14	F							
67					2020AW836	14-Sep-20	TTA	657969.3213	5393401.716	500 Rd	4E	F4E21	F							
67					2020AW811	14-Sep-20	TTA	658267.657	5393614.571	500 Rd	7A	OC7A9	OC							
67					2020AW812	14-Sep-20	TTA	658308.0777	5393584.121	500 Rd	7A	OC7A14	OC							
67					2020AW813	14-Sep-20	TTA	658311.6043	5393576.65	500 Rd	7A	OC7A211	OC							
67					2020AW814	14-Sep-20	TTA	658397.5435	5393475.85	500 Rd	7A	OC7A31	OC							
67					2020AW816	14-Sep-20	TTA	658584.2536	5393560.989	500 Rd	4E	OC4E29	OC							
67					2020AW817	14-Sep-20	TTA	658541.3852	5393628.411	500 Rd	4E	OC4E115	OC							
67					2020AW821	14-Sep-20	TTA	658288.6168	5393830.178	500 Rd	3A	OC3A29	OC	Foliation	wk	0	90	32		17	
67					2020AW822	14-Sep-20	TTA	658288.6397	5393826.738	500 Rd	3A	OC3A114	OC	Foliation	wk	0	90	32		17	
67					2020AW823	14-Sep-20	TTA	658285.1497	5393822.407	500 Rd	7A	OC7A41	OC							
67					2020AW824	14-Sep-20	TTA	658283.6729	5393820.034	500 Rd	5B	OC5B114	OC							
67					2020AW826	14-Sep-20	TTA	658255.2789	5393828.912	500 Rd	3A	OC3A210	OC	Foliation	wk	0	90	32		17	
67					2020AW827	14-Sep-20	TTA	657968.9442	5393828.744	500 Rd	1A	OC1A D	OC	Foliation	mod	0	90	32		17	
67					2020AW828	14-Sep-20	TTA	657962.3377	5393825.444	500 Rd	3A	OC3A35	OC	Foliation	wk	0	90	32		17	
67					2020AW829	14-Sep-20	TTA	657961.3303	5393821.965	500 Rd	QV	785597	OC	Lineation	stg	0	90	32		8	

67					2020AW830	14-Sep-20	TTA	657965.8073	5393819.975	500 Rd	3A	785598	OC	Foliation	wk	0	90	32		17
67					2020AW831	14-Sep-20	TTA	657964.3089	5393826.049	500 Rd	1H	785599	OC	Foliation	mod	0	90	32		17
67					2020AW832	14-Sep-20	TTA	657964.0638	5393829.492	500 Rd	QV	785600	OC	Lineation	stg	0	90	32		8
67					2020AW834	14-Sep-20	TTA	658003.8613	5393483.441	500 Rd	5A	OC5A113	OC							
67					2020AW835	14-Sep-20	TTA	658000.5218	5393471.114	500 Rd	5A	OC5A29	OC							
68	Dave	Andrew	Beau		2020AW837	15-Sep-20	Andrew/Beau	657477.8436	5392753.633	500 Rd	5E	FL5E2	F							
68					2020AW838	15-Sep-20	Andrew/Beau	657769.2816	5392581.949	500 Rd	5B	FL5B171	F							
68					2020AW839	15-Sep-20	Andrew/Beau	658199.4895	5392200.71	500 Rd	5B	F5B81	F							
68					2020AW840	15-Sep-20	Andrew/Beau	658083.135	5392174.749	500 Rd	5B	F5B131	F							
68					2020AW841	15-Sep-20	Andrew/Beau	658048.8852	5392176.787	500 Rd	4E	F4E5	F							
68					2020AW842	15-Sep-20	Andrew/Beau	657820.0587	5392497.607	500 Rd	7A	F7A1	F							
69					2020TH381	15-Sep-20	TNT	657718.4586	5392594.535	Road 500	3a	Sediment Float	F							
68					2020AW843	15-Sep-20	Andrew/Beau	657495.1925	5392723.64	500 Rd	5B	OC5B28	OC							
69		Terry	Tim		2020TH379	15-Sep-20	TNT	657546.0154	5392296.025	Road 500	5b	Granodiorite	OC							
69					2020TH380	15-Sep-20	TNT	657520.9551	5392343.712	Road 500	5b	Granodiorite	OC							
70	Dave	Andrew	Beau		2020AW844	16-Sep-20	Andrew/Beau	658928.8889	5391357.879	500 Rd	5B	F5B91	F							
70					2020AW845	16-Sep-20	Andrew/Beau	658938.3386	5391417.325	500 Rd	5A	F5A4	F							
70					2020AW846	16-Sep-20	Andrew/Beau	658959.3606	5391466.199	500 Rd	5A	F5A12	F							
70					2020AW847	16-Sep-20	Andrew/Beau	658979.6181	5391518.5	500 Rd	5A	F5A21	F							
70					2020AW848	16-Sep-20	Andrew/Beau	659007.0874	5391599.92	500 Rd	5A	F5A31	F							
70					2020AW853	16-Sep-20	Andrew/Beau	659140.4352	5391905.705	500 Rd	5B	FB5	F							
70					2020AW863	16-Sep-20	Andrew/Beau	659202.9182	5392384.242	500 Rd	7A	F7A2	F							
71		Terry	Tim		2020TH383	16-Sep-20	TNT	658345.6783	5393170.263	Road 500	5b	Granodiorite Float	F							
71					2020TH386	16-Sep-20	TNT	658340.2574	5393281.679	Road 500	5b	Granodiorite Float	F							
70					2020AW849	16-Sep-20	Andrew/Beau	659010.5396	5391613.257	500 Rd	4E	OC4E30	OC							
70					2020AW850	16-Sep-20	Andrew/Beau	659043.5091	5391646.116	500 Rd	4E	OC4E116	OC							
70					2020AW851	16-Sep-20	Andrew/Beau	659060.0831	5391654.37	500 Rd	4E	OC4E210	OC							
70					2020AW852	16-Sep-20	Andrew/Beau	659077.0546	5391669.088	500 Rd	4E	OC4E36	OC							
70					2020AW854	16-Sep-20	Andrew/Beau	659148.0097	5391929.621	500 Rd	4E	OC4E46	OC							
70					2020AW855	16-Sep-20	Andrew/Beau	659161.5183	5392056.258	500 Rd	4E	OC4E54	OC							
70					2020AW856	16-Sep-20	Andrew/Beau	659174.6762	5392072.975	500 Rd	4E	OC4E63	OC							
70					2020AW857	16-Sep-20	Andrew/Beau	659191.1906	5392096.138	500 Rd	4E	OC4E73	OC							
70					2020AW858	16-Sep-20	Andrew/Beau	659198.7775	5392135.289	500 Rd	4E	OC4E83	OC							
70					2020AW859	16-Sep-20	Andrew/Beau	659224.3152	5392141.682	500 Rd	4E	OC4E93	OC							
70					2020AW860	16-Sep-20	Andrew/Beau	659242.6069	5392169.678	500 Rd	5A	OC5A30	OC							
70					2020AW861	16-Sep-20	Andrew/Beau	659251.58	5392191.07	500 Rd	4E	OC4E102	OC							
70					2020AW862	16-Sep-20	Andrew/Beau	659285.7447	5392342.544	500 Rd	4E	OC4E117	OC							
70					2020AW864	16-Sep-20	Andrew/Beau	659133.7565	5392425.004	500 Rd	4E	OC4E122	OC							
70					2020AW865	16-Sep-20	Andrew/Beau	659111.6638	5392429.599	500 Rd	7A	OC7A10	OC							
70					2020AW866	16-Sep-20	Andrew/Beau	659056.2625	5392442.276	500 Rd	4E	OC4E132	OC							
70					2020AW867	16-Sep-20	Andrew/Beau	659041.2841	5392432.724	500 Rd	1A	OC1A151	OC	foliation	mod	270	0	70		17
70					2020AW868	16-Sep-20	Andrew/Beau	659032.798	5392422.694	500 Rd	4E	OC4E142	OC							
70					2020AW869	16-Sep-20	Andrew/Beau	659028.7215	5392428.807	500 Rd	1A	OC1A16	OC	foliation	mod	270	0	70		17
70					2020AW870	16-Sep-20	Andrew/Beau	658998.3471	5392455.2	500 Rd	4E	OC4E151	OC							
70					2020AW871	16-Sep-20	Andrew/Beau	658990.1116	5392454.641	500 Rd	1A	OC1A25	OC	foliation	mod	270	0	70		17
70					2020AW872	16-Sep-20	Andrew/Beau	658979.0803	5392472.118	500 Rd	4E	OC4E161	OC							
70					2020AW873	16-Sep-20	Andrew/Beau	659003.5183	5392483.495	500 Rd	4E	OC4E171	OC							
70					2020AW874	16-Sep-20	Andrew/Beau	658959.2847	5392502.485	500 Rd	4E	OC4E181	OC							
70					2020AW875	16-Sep-20	Andrew/Beau	658800.6169	5392440.822	500 Rd	4E	OC4E191	OC							
70					2020AW876	16-Sep-20	Andrew/Beau	658788.6425	5392444.931	500 Rd	1A	OC1A33	OC	foliation	mod	270	0	70		17
70					2020AW877	16-Sep-20	Andrew/Beau	658762.2865	5392441.519	500 Rd	4E	OC4E201	OC							
70					2020AW878	16-Sep-20	Andrew/Beau	658774.9837	5392411.846	500 Rd	4E	OC4E2111	OC							
70					2020AW879	16-Sep-20	Andrew/Beau	658800.4062	5392406.775	500 Rd	4E	OC4E2211	OC							
70					2020AW880	16-Sep-20	Andrew/Beau	658874.1568	5392406.968	500 Rd	4E	OC4E231	OC							
70					2020AW881	16-Sep-20	Andrew/Beau	658980.8999	5392462.604	500 Rd	1A	OC1A43	OC	foliation	mod	270	0	70		17
70					2020AW882	16-Sep-20	Andrew/Beau	658984.4171	5392463.151	500 Rd	1A	OC1A52	OC	foliation	mod	270	0	70		17
70					2020AW883	16-Sep-20	Andrew/Beau	659031.4538	5392470.161	500 Rd	4E	OC4E241	OC							
70					2020AW884	16-Sep-20	Andrew/Beau	658784.4253	5392539.253	500 Rd	4E	OC4E251	OC							
70					2020AW885	16-Sep-20	Andrew/Beau	658679.8793	5392507.711	500 Rd	1A	OC1A62	OC							
70					2020AW886	16-Sep-20	Andrew/Beau	658673.9839	5392504.99	500 Rd	1A	OC1A711	OC	foliation	mod	270	0	70		17
70					2020AW887	16-Sep-20	Andrew/Beau	658651.9499	5392492.013	500 Rd	4E	OC4E	OC							
70					2020AW888	16-Sep-20	Andrew/Beau	658625.9853	5392477.378	500 Rd	4E	OC4E1	OC							
70					2020AW889	16-Sep-20	Andrew/Beau	658714.6285	5392201.007	500 Rd	7A	OC7A15	OC							
70					2020AW890	16-Sep-20	Andrew/Beau	658622.065	5392339.787	500 Rd	4E	OC4E456	OC							

70					2020AW891	16-Sep-20	Andrew/Beau	658830.0528	5392126.547	500 Rd	4E	OC4E556764	OC								
71					2020TH384	16-Sep-20	TNT	658098.4776	5393383.095	Road 500	5b	Granodiorite	OC								
71					2020TH385	16-Sep-20	TNT	658253.0667	5393361.316	Road 500	5b	Granodiorite	OC								
72	Dave	Andrew	Beau		2020AW893	17-Sep-20	Andrew/Beau	659338.0455	5392452.26	500 Rd	5B	F5B101	F								
72					2020AW895	17-Sep-20	Andrew/Beau	659295.4707	5392506.342	500 Rd	5A	F5A5	F								
72					2020AW896	17-Sep-20	Andrew/Beau	659251.2771	5392539.569	500 Rd	5B	F5B14	F								
72					2020AW897	17-Sep-20	Andrew/Beau	659255.2419	5392534.786	500 Rd	7A	F7A3	F								
72					2020AW900	17-Sep-20	Andrew/Beau	659247.2095	5392649.027	500 Rd	1A	F1A4	F								
72					2020AW902	17-Sep-20	Andrew/Beau	659254.2469	5392665.907	500 Rd	1A	F1A12	F								
72					2020AW911	17-Sep-20	Andrew/Beau	659138.9555	5392862.869	500 Rd	1A	F1A21	F								
72					2020AW913	17-Sep-20	Andrew/Beau	659150.5433	5393075.222	500 Rd	1A	F1A31	F								
72					2020AW914	17-Sep-20	Andrew/Beau	659148.4556	5393073.494	500 Rd	4E	F4E6	F								
72					2020AW936	17-Sep-20	Andrew/Beau	658997.8344	5393288.766	500 Rd	4E	F4E764	F								
73		Terry	Tim		2020TH391	17-Sep-20	TNT	658606.1269	5394022.689	Road 500	5b	Granodiorite Float	F								
72					2020AW892	17-Sep-20	Andrew/Beau	659347.4738	5392439.297	500 Rd	4E	OC4E37	OC								
72					2020AW894	17-Sep-20	Andrew/Beau	659327.1988	5392457.966	500 Rd	5A	OC5A36	OC								
72					2020AW899	17-Sep-20	Andrew/Beau	659234.3341	5392617.176	500 Rd	4E	OC4E118	OC								
72					2020AW901	17-Sep-20	Andrew/Beau	659257.3465	5392652.867	500 Rd	1A	OC1A17	OC	foliation	mod	230	320	70		17	
72					2020AW903	17-Sep-20	Andrew/Beau	659263.0772	5392676.843	500 Rd	1A	OC1A18	OC	foliation	mod	290	20	70		17	
72					2020AW904	17-Sep-20	Andrew/Beau	659266.9618	5392672.273	500 Rd	4E	OC4E212	OC								
72					2020AW905	17-Sep-20	Andrew/Beau	659252.7245	5392677.995	500 Rd	1A	OC1A26	OC	foliation	mod	280	10	90		17	
72					2020AW906	17-Sep-20	Andrew/Beau	659248.9442	5392684.116	500 Rd	4E	OC4E38	OC								
72					2020AW907	17-Sep-20	Andrew/Beau	659226.9326	5392688.713	500 Rd	5A	OC5A114	OC								
72					2020AW908	17-Sep-20	Andrew/Beau	659203.6428	5392709.637	500 Rd	4E	OC4E47	OC								
72					2020AW909	17-Sep-20	Andrew/Beau	659189.6142	5392739.16	500 Rd	1A	OC1A34	OC	foliation	mod	270	0	70		17	
72					2020AW910	17-Sep-20	Andrew/Beau	659153.6818	5392842.485	500 Rd	1A	OC1A44	OC	foliation	mod	250	340	65		17	
72					2020AW912	17-Sep-20	Andrew/Beau	659183.8369	5393023.542	500 Rd	4E	OC4E55	OC								
72					2020AW915	17-Sep-20	Andrew/Beau	659102.8523	5393115.026	500 Rd	4E	OC4E64	OC								
72					2020AW916	17-Sep-20	Andrew/Beau	659099.6758	5393117.938	500 Rd	4E	OC4E74	OC								
72					2020AW917	17-Sep-20	Andrew/Beau	659096.7028	5393126.749	500 Rd	7A	OC7A16	OC								
72					2020AW918	17-Sep-20	Andrew/Beau	658898.6324	5393078.316	500 Rd	5B	OC5B29	OC								
72					2020AW919	17-Sep-20	Andrew/Beau	658883.6822	5393070.219	500 Rd	7A	OC7A17	OC								
72					2020AW920	17-Sep-20	Andrew/Beau	658852.2234	5393025.945	500 Rd	5A	OC5A210	OC								
72					2020AW921	17-Sep-20	Andrew/Beau	658827.7866	5393004.34	500 Rd	5A	OC5A37	OC								
72					2020AW922	17-Sep-20	Andrew/Beau	658804.0276	5392989.99	500 Rd	5A	OC5A45	OC								
72					2020AW923	17-Sep-20	Andrew/Beau	658654.3212	5392864.502	500 Rd	5A	OC5A53	OC								
72					2020AW924	17-Sep-20	Andrew/Beau	658671.4759	5392833.733	500 Rd	5A	OC5A64	OC								
72					2020AW925	17-Sep-20	Andrew/Beau	658705.9038	5392801.672	500 Rd	5A	OC5A73	OC								
72					2020AW926	17-Sep-20	Andrew/Beau	658749.9133	5392798.356	500 Rd	1A	OC1A53	OC	foliation		250	340	80		17	
72					2020AW927	17-Sep-20	Andrew/Beau	658787.8486	5392751.7	500 Rd	1A	OC1A63	OC	foliation		80	170	70		17	
72					2020AW928	17-Sep-20	Andrew/Beau	658796.6241	5392733.151	500 Rd	4E	OC4E84	OC								
72					2020AW929	17-Sep-20	Andrew/Beau	658828.9608	5392749.087	500 Rd	4E	OC4E94	OC								
72					2020AW930	17-Sep-20	Andrew/Beau	658879.438	5392774.981	500 Rd	1A	OC1A72	OC	foliation		270	0	75		17	
72					2020AW931	17-Sep-20	Andrew/Beau	658893.1013	5392779.041	500 Rd	4E	OC4E103	OC								
72					2020AW932	17-Sep-20	Andrew/Beau	658927.9141	5392785.592	500 Rd	5B	OC5B115	OC								
72					2020AW933	17-Sep-20	Andrew/Beau	659010.2615	5392820.287	500 Rd	4E	OC4E119	OC								
72					2020AW934	17-Sep-20	Andrew/Beau	659045.8982	5392787.488	500 Rd	4E	OC4E123	OC								
72					2020AW935	17-Sep-20	Andrew/Beau	659283.0261	5392017.652	500 Rd	4E	OC4E133	OC								
73	Dave	Terry	Tim		2020TH388	17-Sep-20	TNT	657970.2266	5393997.969	Road 500	7a	Diabase	OC								
73					2020TH389	17-Sep-20	TNT	658165.2544	5394239.503	Road 500	5a	Granite	OC								
73					2020TH390	17-Sep-20	TNT	658256.0927	5394291.237	Road 500	5a	Granite	OC								
73					2020TH392	17-Sep-20	TNT	658754.785	5393936.563	Road 500	5b	Granodiorite	OC								
73					2020TH393	17-Sep-20	TNT	658848.8785	5393891.393	Road 500	5b	Granodiorite	OC								
73					2020TH394	17-Sep-20	TNT	658773.327	5393682.024	Road 500	5b	Granodiorite	OC								
73					2020TH395	17-Sep-20	TNT	658669.6424	5393722.355	Road 500	5b	Granodiorite	OC								
73					2020TH396	17-Sep-20	TNT	658602.5896	5393811.572	Road 500	5b	Granodiorite	OC								
73					2020TH397	17-Sep-20	TNT	658458.8402	5393940.331	Road 500	5b	Granodiorite	OC								
73					2020TH398	17-Sep-20	TNT	658656.3582	5393988.958	Road 500	5b	Granodiorite	OC								
73					2020TH399	17-Sep-20	TNT	658560.7982	5394179.923	Road 500	5a	Granite	OC								
73					2020TH400	17-Sep-20	TNT	658532.9272	5394100.154	Road 500	5a	Granite	OC								
73					2020TH401	17-Sep-20	TNT	657962.5929	5393915.77	Road 500	5a	Granite	OC								
73					2020TH402	17-Sep-20	TNT	658061.8594	5394021.686	Road 500	5a	Granite	OC								
73					2020TH403	17-Sep-20	TNT	657952.148	5393946.627	Road 500	1a	Mafic Volcanics	OC	Foliation		10	100	20		17	
73					2020TH404	17-Sep-20	TNT	657981.6727	5394002.179	Road 500	1a	Mafic Volcanics	OC	Foliation		360	90	30		17	

73					2020TH405	17-Sep-20	TNT	658271.8073	5394052.739	Road 500	3a	Sediment	OC	Foliation		15	105	15		17	
73					2020TH406	17-Sep-20	TNT	658417.4815	5394249.516	Road 500	3a	Sediment	OC	Foliation		20	110	20		17	
73					2020TH407	17-Sep-20	TNT	658473.3553	5394284.575	Road 500	3a	Sediment	OC	Foliation		20	110	20		17	
73					2020TH408	17-Sep-20	TNT	658333.9015	5394016.225	Road 500	3a	Sediment	OC	Foliation		40	130	20		17	
73					2020TH409	17-Sep-20	TNT	657955.81	5394033.712	Road 500	3a	Sediment	OC	Foliation		10	100	15		17	
73					2020TH410	17-Sep-20	TNT	657942.0341	5393863.687	Road 500	3a	Sediment	OC	Foliation		10	100	20		17	
73					2020TH411	17-Sep-20	TNT	658035.9494	5394269.342	Road 500	3a	Sediment	OC	Foliation		20	110	20		17	
73					2020TH412	17-Sep-20	TNT	658178.7248	5394038.656	Road 500	3a	Sediment	OC	Foliation		20	110	20		17	
74	Dave	Andrew	Beau		2020AW938	18-Sep-20	Andrew/Beau	660105.273	5399039.219	Roberts Rd	5A	F5A13	F								
74					2020AW939	18-Sep-20	Andrew/Beau	660074.7801	5399070.945	Roberts Rd	7A	F7A4	F								
74					2020AW941	18-Sep-20	Andrew/Beau	659754.6694	5399185.736	Roberts Rd	5E	F5E14	F								
74					2020AW944	18-Sep-20	Andrew/Beau	659737.6907	5399427.528	Roberts Rd	3A	F3A15	F								
74					2020AW947	18-Sep-20	Andrew/Beau	659644.2411	5399695.625	Roberts Rd	3A	F3A16	F								
74					2020AW950	18-Sep-20	Andrew/Beau	659425.5004	5400027.784	Roberts Rd	5B	F5B15	F								
74					2020AW951	18-Sep-20	Andrew/Beau	659547.4623	5400155.843	Roberts Rd	5A	F5A22	F								
74					2020AW952	18-Sep-20	Andrew/Beau	659583.4312	5400213.269	Roberts Rd	5E	F5E15	F								
74					2020AW953	18-Sep-20	Andrew/Beau	659671.0155	5400326.115	Roberts Rd	5B	F5B16	F								
74					2020AW954	18-Sep-20	Andrew/Beau	659701.6439	5400377.16	Roberts Rd	7A	F7A11	F								
74					2020AW955	18-Sep-20	Andrew/Beau	659698.4245	5400376.509	Roberts Rd	5E	FL5E3	F								
74					2020AW956	18-Sep-20	Andrew/Beau	659763.4048	5400448.33	Roberts Rd	7A	F7A21	F								
74					2020AW957	18-Sep-20	Andrew/Beau	659780.2425	5400453.929	Roberts Rd	5E	F5E22	F								
74					2020AW958	18-Sep-20	Andrew/Beau	659799.6229	5400520.002	Roberts Rd	5A	F5A32	F								
74					2020AW961	18-Sep-20	Andrew/Beau	660038.0962	5400167.059	Roberts Rd	7A	F7A31	F								
74					2020AW963	18-Sep-20	Andrew/Beau	660069.9338	5399985.096	Roberts Rd	5A	F5A41	F								
74					2020AW965	18-Sep-20	Andrew/Beau	660088.3004	5399697.834	Roberts Rd	5E	F5E31	F								
74					2020AW943	18-Sep-20	Andrew/Beau	659772.4087	5399296.592	Roberts Rd	3A	OC3A30	OC	Foliation	wk	60	150	30		17	
74					2020AW948	18-Sep-20	Andrew/Beau	659599.0285	5399774.207	Roberts Rd	5E	OC5E141	OC								
74					2020AW949	18-Sep-20	Andrew/Beau	659600.4288	5399776.801	Roberts Rd	3A	OC3A115	OC	Foliation	wk	110	200	30		17	
74					2020AW959	18-Sep-20	Andrew/Beau	660013.6752	5400207.966	Roberts Rd	5E	OC5E15	OC	Foliation	wk	140	230	10		17	
74					2020AW960	18-Sep-20	Andrew/Beau	660012.6742	5400189.028	Roberts Rd	5E	OC5E21	OC								
74					2020AW962	18-Sep-20	Andrew/Beau	660056.0092	5400068.121	Roberts Rd	5E	OC5E31	OC	Foliation	wk	140	230	10		17	
74					2020AW964	18-Sep-20	Andrew/Beau	660090.81	5399841.636	Roberts Rd	5E	OC5E411	OC								
74					2020AW966	18-Sep-20	Andrew/Beau	659936.4717	5399440.322	Roberts Rd	5E	OC5E511	OC	Foliation	wk	30	120	20		17	
75	Dave	Andrew	Beau		2020AW967	19-Sep-20	Andrew/Beau	660363.5533	5399324.154	Roberts Rd	5E	F5E16	F								
75					2020AW968	19-Sep-20	Andrew/Beau	660392.4839	5399426.764	Roberts Rd	5E	F5E17	F								
75					2020AW969	19-Sep-20	Andrew/Beau	660412.9633	5399508.227	Roberts Rd	5E	F5E23	F								
75					2020AW970	19-Sep-20	Andrew/Beau	660402.9016	5399661.675	Roberts Rd	5A	F5A7	F								
75					2020AW971	19-Sep-20	Andrew/Beau	660423.557	5399755.041	Roberts Rd	5B	F5B17	F								
75					2020AW972	19-Sep-20	Andrew/Beau	660456.8742	5399794.373	Roberts Rd	5B	F5B18	F								
75					2020AW977	19-Sep-20	Andrew/Beau	660587.8902	5400009.038	Roberts Rd	7A	F7A5	F								
75					2020AW978	19-Sep-20	Andrew/Beau	660641.6071	5400081.105	Roberts Rd	5E	F5E5B	F								
75					2020AW993	19-Sep-20	Andrew/Beau	660884.5604	5399766.702	Roberts Rd	5E	F5E32	F								
75					2020AW973	19-Sep-20	Andrew/Beau	660469.7849	5399816.319	Roberts Rd	7A	POC7A2	POC								
75					2020AW979	19-Sep-20	Andrew/Beau	660682.2695	5400130.878	Roberts Rd	5E	POC5E	POC	Foliation	wk	22	112	25		17	A22D25
75					2020AW974	19-Sep-20	Andrew/Beau	660470.2294	5399829.012	Roberts Rd	7A	OC7A18	OC								
75					2020AW975	19-Sep-20	Andrew/Beau	660479.4136	5399868.213	Roberts Rd	5E	OC5E16	OC	Foliation	wk	140	230	30		17	
75					2020AW976	19-Sep-20	Andrew/Beau	660559.7465	5399956.277	Roberts Rd	5E	OC5E17	OC								
75					2020AW980	19-Sep-20	Andrew/Beau	660727.8361	5400222.517	Roberts Rd	7A	OC7A19	OC								
75					2020AW981	19-Sep-20	Andrew/Beau	660731.66	5400235.42	Roberts Rd	7A	OC7A22	OC								
75					2020AW982	19-Sep-20	Andrew/Beau	660760.7559	5400275.519	Roberts Rd	5E	OC5E221	OC	Foliation	wk	130	220	50		17	
75					2020AW983	19-Sep-20	Andrew/Beau	660754.6865	5400312.501	Roberts Rd	5E	OC5E32	OC	Foliation	wk	180	270	40		17	
75					2020AW984	19-Sep-20	Andrew/Beau	660837.1844	5400368.604	Roberts Rd	5A	OC5A38	OC								
75					2020AW985	19-Sep-20	Andrew/Beau	660971.2627	5400311.932	Roberts Rd	5E	OC5E421	OC	Foliation	wk	130	220	25		17	
75					2020AW986	19-Sep-20	Andrew/Beau	660984.4774	5400295.072	Roberts Rd	5E	OC5E52	OC	Foliation	wk	130	220	25		17	
75					2020AW987	19-Sep-20	Andrew/Beau	661076.2112	5400267.787	Roberts Rd	5E	OC5E611	OC	Foliation	wk	130	220	25		17	
75					2020AW988	19-Sep-20	Andrew/Beau	661097.3469	5400264.61	Roberts Rd	5E	OC5E71	OC								
75					2020AW989	19-Sep-20	Andrew/Beau	661127.6796	5400274.275	Roberts Rd	5E	OC5E81	OC								
75					2020AW990	19-Sep-20	Andrew/Beau	661155.9144	5400315.908	Roberts Rd	7A	OC7A32	OC								
75					2020AW991	19-Sep-20	Andrew/Beau	661148.783	5400213.473	Roberts Rd	5E	OC5E91	OC								
75					2020AW992	19-Sep-20	Andrew/Beau	661166.9113	5400148.473	Roberts Rd	5E	OC5E101	OC								
76	Dave	Andrew	Beau		2020AW1000	20-Sep-20	Andrew/Beau	661218.0997	5399985.757	Roberts Rd	1A	F1A6	F								
76					2020AW1001	20-Sep-20	Andrew/Beau	661234.5495	5400017.709	Roberts Rd	4E	F4E7	F								
76					2020AW1002	20-Sep-20	Andrew/Beau	661278.8849	5400057.363	Roberts Rd	5E	F5E41	F								
76					2020AW1007	20-Sep-20	Andrew/Beau	661487.8532	5400236.813	Roberts Rd	1A	F1A13	F								

76					2020AW1010	20-Sep-20	Andrew/Beau	661701.2993	5400204.479	Roberts Rd	3A	F3A17	F								
76					2020AW1011	20-Sep-20	Andrew/Beau	661703.472	5400180.066	Roberts Rd	5E	F5E51	F								
76					2020AW1013	20-Sep-20	Andrew/Beau	661762.1807	5400035.362	Roberts Rd	3A	F3A18	F								
76					2020AW1015	20-Sep-20	Andrew/Beau	661754.8669	5399891.101	Roberts Rd	3A	F3A23	F								
76					2020AW1016	20-Sep-20	Andrew/Beau	661758.6037	5399781.966	Roberts Rd	1Z	F1A22	F								
76					2020AW1017	20-Sep-20	Andrew/Beau	661806.3104	5399633.494	Roberts Rd	3A	F3A33	F								
76					2020AW1018	20-Sep-20	Andrew/Beau	661754.5729	5399404.07	Roberts Rd	1A	F1A32	F								
76					2020AW1020	20-Sep-20	Andrew/Beau	661632.7769	5399383.539	Roberts Rd	5A	F5A8	F								
76					2020AW1023	20-Sep-20	Andrew/Beau	661504.8535	5399343.141	Roberts Rd	1A	F1A41	F								
76					2020AW1024	20-Sep-20	Andrew/Beau	661440.6247	5399375.66	Roberts Rd	1A	F1A51	F								
76					2020AW1028	20-Sep-20	Andrew/Beau	660837.6588	5399311.262	Roberts Rd	5B	F5B19	F								
76					2020AW994	20-Sep-20	Andrew/Beau	660745.8322	5399549.021	Roberts Rd	5E	F5E18	F								
76					2020AW995	20-Sep-20	Andrew/Beau	660761.7185	5399562.269	Roberts Rd	5E	F5E19	F								
76					2020AW996	20-Sep-20	Andrew/Beau	660940.3034	5399780.872	Roberts Rd	5E	F5E24	F								
76					2020AW997	20-Sep-20	Andrew/Beau	661002.6187	5399835.279	Roberts Rd	7A	F7A6	F								
76					2020AW998	20-Sep-20	Andrew/Beau	661133.9144	5399878.429	Roberts Rd	5E	F5E33	F								
76					2020AW999	20-Sep-20	Andrew/Beau	661209.255	5399965.81	Roberts Rd	7A	F7A12	F								
76					2020AW1019	20-Sep-20	Andrew/Beau	661702.27	5399398.225	Roberts Rd	5A	POC5A2	POC								
76					2020AW1003	20-Sep-20	Andrew/Beau	661354.3345	5400153.645	Roberts Rd	7A	OC7A20	OC								
76					2020AW1004	20-Sep-20	Andrew/Beau	661342.8902	5400167.665	Roberts Rd	7A	OC7A110	OC								
76					2020AW1005	20-Sep-20	Andrew/Beau	661330.8246	5400180.558	Roberts Rd	5B	OC5B30	OC								
76					2020AW1006	20-Sep-20	Andrew/Beau	661435.2201	5400227.286	Roberts Rd	5E	OC5E18	OC								
76					2020AW1008	20-Sep-20	Andrew/Beau	661503.8795	5400237.163	Roberts Rd	5E	OC5E19	OC								
76					2020AW1009	20-Sep-20	Andrew/Beau	661542.7767	5400250.965	Roberts Rd	5E	OC5E23	OC		wk	80	170	50		50	
76					2020AW1012	20-Sep-20	Andrew/Beau	661711.2377	5400117.659	Roberts Rd	5E	OC5E331	OC								
76					2020AW1014	20-Sep-20	Andrew/Beau	661773.9657	5399994.209	Roberts Rd	3A	OC3A36	OC		wk	50	140	30		30	
76					2020AW1021	20-Sep-20	Andrew/Beau	661587.4516	5399355.201	Roberts Rd	5A	OC5A39	OC								
76					2020AW1022	20-Sep-20	Andrew/Beau	661542.9667	5399333.219	Roberts Rd	5A	OC5A115	OC								
76					2020AW1025	20-Sep-20	Andrew/Beau	661390.8494	5399389.135	Roberts Rd	7A	OC7A23	OC								
76					2020AW1026	20-Sep-20	Andrew/Beau	661334.0994	5399371.482	Roberts Rd	5A	OC5A211	OC								
76					2020AW1027	20-Sep-20	Andrew/Beau	661301.0147	5399360.18	Roberts Rd	5A	OC5A310	OC								
77	Dave	Andrew	Beau		2020AW1030	21-Sep-20	Andrew/Beau	675473.8871	5395035.134	Roberts Rd	1A	785604	F								Float Sample; Massive mafic flow with minor rusting and narrow quartz wisps associated with disseminated sulphides.
77					2020AW1038	21-Sep-20	Andrew/Beau	676198.5908	5395165.756	Roberts Rd	1A	F1A7	F								
77					2020AW1043	21-Sep-20	Andrew/Beau	675393.0008	5395162.432	Roberts Rd	1A	F1A14	F								
78					2020TH437	21-Sep-20	TNT	673847.9435	5395028.913	Block B	1a	Mafic Volcanic	F								
77					2020AW1029	21-Sep-20	Andrew/Beau	675467.8871	5395045.735	Roberts Rd	1A	OC1A19	OC	foliation	mod	350	80	75		17	
77					2020AW1031	21-Sep-20	Andrew/Beau	675580.1828	5395089.524	Roberts Rd	1A	OC1A110	OC	foliation	mod	290	20	75		17	
77					2020AW1032	21-Sep-20	Andrew/Beau	675654.8283	5395056.032	Roberts Rd	1A	OC1A27	OC	foliation	mod	0	90	75		17	
77					2020AW1033	21-Sep-20	Andrew/Beau	675722.5606	5395041.022	Roberts Rd	1A	OC1A35	OC								
77					2020AW1034	21-Sep-20	Andrew/Beau	675768.0692	5395036.88	Roberts Rd	1A	OC1A45	OC	foliation	mod	110	200	70		17	
77					2020AW1035	21-Sep-20	Andrew/Beau	675925.865	5395025.142	Roberts Rd	1A	OC1A54	OC	foliation	mod	165	255	90		17	
77					2020AW1037	21-Sep-20	Andrew/Beau	676155.1323	5395078.84	Roberts Rd	1A	OC1A73	OC								Outcrop Channel Sample (AZ12 D20); Quartz vein (approx 20 cm wide) hosted in mafics with up to 10% sulphides (cpy, po, py, sph). Sampled directly below 785557. *multiple specs of vg*
77					2020AW1039	21-Sep-20	Andrew/Beau	676190.8831	5395200.223	Roberts Rd	1A	OC6B2	OC	foliation	mod	20	110	50		17	Outcrop Channel Sample (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 1-2% disseminated and blebby sulphides (po/py). Footwall of the structure hosting quartz veins in 785557 and 785558.
77					2020AW1040	21-Sep-20	Andrew/Beau	676086.6574	5395270.165	Roberts Rd	1A	OC1A811	OC	foliation	mod	140	230	80		17	Outcrop Sample (AZ12 D20); Series of five quartz veinlets (approx 2-4 cm wide) hosted in mafics with up to 15% sulphides (cpy, po, py, sph and gn). *multiple specs of vg*
77					2020AW1041	21-Sep-20	Andrew/Beau	675889.2892	5395207.23	Roberts Rd	1A	OC1A911	OC	foliation	mod	320		80		17	Outcrop Channel Sample (AZ12 D20); Quartz vein (approx 30 cm wide) hosted in mafics with up to 10% sulphides (cpy, po, py, sph). Sampled directly below 785560 *Multiple specs of vg, one cg bleb*

77					2020AW1042	21-Sep-20	Andrew/Beau	675742.9075	5395219.224	Roberts Rd	1A	OC6B11	OC								Outcrop Sample Sample (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 1-3% disseminated and blebby sulphides (po/py). Footwall of the structure hosting quartz veins in 785561 and 785560.
78		Terry	Tim		2020TH413	21-Sep-20	TNT	674751.459	5395053.08	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60	NE	17	1/4 in a channel sample series (785563, 785564, 785565, 785566) of outcrop samples (AZ12 D20) spanning accross a single quartz veining system ; Estimated true thickness of Quartz veining system is approxiamtely 75cm hosted in mafics with up to 15% blebby
78					2020TH414	21-Sep-20	TNT	674528.528	5395010.762	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60	NE	17	2/4 in a channel sample series (785563, 785564, 785565, 785566) of outcrop samples (AZ12 D20) spanning accross a single quartz veining system ; Estimated true thickness of Quartz veining system is approxiamtely 75cm hosted in mafics with up to 15% blebby
78					2020TH415	21-Sep-20	TNT	674322.7375	5395014.492	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60	NE	17	3/4 in a channel sample series (785563, 785564, 785565, 785566) of outcrop samples (AZ12 D20) spanning accross a single quartz veining system ; Estimated true thickness of Quartz veining system is approxiamtely 75cm hosted in mafics with up to 15% blebby
78					2020TH416	21-Sep-20	TNT	673303.691	5395200.875	Block B	1a	Mafic Volcanic	OC	Foliation		320	50	60	NE	17	4/4 in a channel sample series (785563, 785564, 785565, 785566) of outcrop samples (AZ12 D20) spanning accross a single quartz veining system ; Estimated true thickness of Quartz veining system is approxiamtely 75cm hosted in mafics with up to 15% blebby
78					2020TH417	21-Sep-20	TNT	674639.8474	5395251.982	Block B	7a	Diabase	OC								Outcrop Channel Sample, 30 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, lesser cpy). Smokey quartz stringers throughout running parallel to foliation. Below 785568 and 785569
78					2020TH418	21-Sep-20	TNT	672861.2816	5395195.686	Block B	2	Felsic Unit	OC	Foliation		280	10	55		17	Outcrop Channel Sample, 60 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, lesser cpy). ~4 mineralized quartz veinlets 1-3 cm in width following foliation of the mafics. Quartz strin
78					2020TH419	21-Sep-20	TNT	673619.2407	5395206.508	Block B	1a	Mafic Volcanic	OC	Foliation		220	310	60		17	Outcrop Channel Sample 20 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, lesser cpy). Smokey quartz stringers throughout running parallel to foliation. Higher mineralization associa
78					2020TH420	21-Sep-20	TNT	673724.7866	5394997.506	Block B	1a	Mafic Volcanic	OC	Foliation		240	330	65		17	Outcrop Channel Sample, 30 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, sph, lesser cpy). Smokey quartz stringers throughout running parallel to foliation. Higher mineralization a
78					2020TH421	21-Sep-20	TNT	673993.8444	5395317.462	Block B	1a	Mafic Volcanic	OC	Foliation		260	350	60		17	Outcrop Channel Sample, 40 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 10-15% disseminated and blebby sulphides within veining (po/py, sph lesser cpy). ~5 mineralized quartz veinlets 2-3 cm in width following foliation of the
78					2020TH422	21-Sep-20	TNT	673782.1982	5395248.937	Block B	1a	Mafic Volcanic	OC	Foliation		270	0	55		17	Outcrop Channel Sample 25 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, lesser cpy). Mineralized smokey quartz stringers throughout running parallel to foliation. Higher mineralizat
78					2020TH423	21-Sep-20	TNT	675439.1706	5395009.905	Block B	1a	Mafic Volcanic	OC	Foliation		280	10	65		17	Outcrop Channel Sample 25 cm long (AZ12 D20); fg, dark green mafic tuff/volcanic flow containing 5-10% disseminated and blebby sulphides (po/py, lesser cpy). Mineralized smokey quartz stringers throughout running parallel to foliation. Located above samp

78					2020TH424	21-Sep-20	TNT	674992.3607	5395239.381	Block B	1a	Mafic Volcanic	OC	Foliation		290	20	60		17	Outcrop Grab Sample (AZ12 D20); fg, dark green (ep alteration) mafic tuff/volcanic flow containing 3% disseminated and blebby sulphides. Mineralized smokey quartz stringers intermittently running parallel to foliation. Located in foot wall section of 785
78					2020TH425	21-Sep-20	TNT	673318.7917	5394955.251	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	Outcrop Grab Sample (AZ12 D20); fg, dark green (ep alteration) mafic tuff/volcanic flow containing 1-4% disseminated and blebby sulphides. Mineralized smokey quartz stringers intermittently running parallel to foliation. Located in foot wall section of 7
78					2020TH426	21-Sep-20	TNT	673047.5863	5395166.711	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	Outcrop Sample; Bedded/foliation unit alternating between mafics and felsic material, fg, with 3-5% finely disseminated sulphides throughout. (unable to get an az and dip.)
78					2020TH427	21-Sep-20	TNT	675092.3267	5395040.905	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	
78					2020TH428	21-Sep-20	TNT	674493.797	5395248.772	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	
78					2020TH429	21-Sep-20	TNT	673553.4705	5394972.734	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	
78					2020TH430	21-Sep-20	TNT	673085.2591	5394981.865	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	A64 D60
78					2020TH431	21-Sep-20	TNT	672888.4993	5395067.801	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	A70
78					2020TH432	21-Sep-20	TNT	674854.012	5395256.087	Block B	1a	Mafic Volcanic	OC	Foliation		300	30	60		17	VWK FOL A140D80
78					2020TH433	21-Sep-20	TNT	672921.4658	5394944.55	Block B	1a	Mafic Volcanic	OC	Foliation		310	40	60		17	
78					2020TH434	21-Sep-20	TNT	674171.2893	5395018.695	Block B	1a	Mafic Volcanic	OC	Foliation		310	40	60		17	A84D70
78					2020TH435	21-Sep-20	TNT	673212.5273	5394949.182	Block B	1a	Mafic Volcanic	OC	Foliation		340	70	60		17	A84D70
78					2020TH436	21-Sep-20	TNT	674317.778	5395240.521	Block B	1a	Mafic Volcanic	OC	Foliation		340	70	60		17	
78					2020TH438	21-Sep-20	TNT	675373.0332	5395061.234	Block B	1a	Mafic Volcanic	OC	Shear	Moderate	300	30	55		17	
79	Dave	Terry	Tim	Andrew	2020AW1054	22-Sep-20	TTA	676144.7199	5395541.892	Block C	1A	F1A8	F								
79					2020AW1055	22-Sep-20	TTA	676145.6498	5395632.042	Block C	1A	F1A15	F								
79					2020AW1057	22-Sep-20	TTA	675935.8539	5395719.133	Block C	1A	F1A23	F								
79					2020AW1064	22-Sep-20	TTA	676382.8757	5395977.486	Block C	1A	F1A33	F								
79					2020AW1065	22-Sep-20	TTA	676242.4969	5395888.185	Block C	1A	F1A42	F								
79					2020AW1044	22-Sep-20	TTA	675267.8778	5395361.674	Block C	1A	OC1A20	OC	foliation	mod	260	350	60		17	
79					2020AW1045	22-Sep-20	TTA	675262.639	5395446.959	Block C	1A	OC1A1111	OC	foliation	mod	90	180	65		17	
79					2020AW1046	22-Sep-20	TTA	675397.8606	5395431.051	Block C	1A	OC1A28	OC								
79					2020AW1047	22-Sep-20	TTA	675412.2009	5395424.822	Block C	1A	OC1A36	OC	foliation	mod	110	200	80		17	
79					2020AW1048	22-Sep-20	TTA	675451.7862	5395428.727	Block C	1A	OC1A46	OC	foliation	mod	160	250	80		17	
79					2020AW1049	22-Sep-20	TTA	675534.6952	5395432.104	Block C	1A	OC1A55	OC	foliation	mod	290	20	80		17	
79					2020AW1050	22-Sep-20	TTA	675868.2797	5395445.105	Block C	1A	OC1A65	OC	foliation	mod	195	285	80		17	
79					2020AW1051	22-Sep-20	TTA	675991.4962	5395459.87	Block C	1A	OC2E1	OC	foliation	mod	110	200	80		17	
79					2020AW1052	22-Sep-20	TTA	676010.1609	5395461.463	Block C	1A	OC1A74	OC	foliation	mod	105	195	80		17	A92 D85
79					2020AW1053	22-Sep-20	TTA	676146.2442	5395441.813	Block C	1A	OC1A82	OC	foliation	mod	110	200	75		17	
79					2020AW1056	22-Sep-20	TTA	676112.086	5395654.685	Block C	1A	OC1A92	OC	foliation	mod	335	65	85		17	
79					2020AW1058	22-Sep-20	TTA	675923.8282	5395726.766	Block C	1A	OC1A1011	OC	foliation	mod	330	60	80		17	A80 UNABLE TO MEAS DIP
79					2020AW1059	22-Sep-20	TTA	675720.1836	5395660.086	Block C	1A	OC1A112	OC	foliation	mod	330	60	80		17	
79					2020AW1060	22-Sep-20	TTA	675681.2416	5395640.617	Block C	1A	OC1A1211	OC								A78D70
79					2020AW1061	22-Sep-20	TTA	675555.9159	5395618.006	Block C	1A	OC1A1311	OC	foliation	mod	140	230	80		17	
79					2020AW1062	22-Sep-20	TTA	675767.0103	5395865.369	Block C	1A	OC1A1411	OC	foliation	mod	355	85	75		17	
79					2020AW1063	22-Sep-20	TTA	675834.71	5395916.896	Block C	1A	OC1A1511	OC	foliation	mod	355	85	75		17	A90 D75
79					2020AW1066	22-Sep-20	TTA	675977.3992	5395916.363	Block C	1A	OC1A161	OC	foliation	mod	210	300	50		17	A100D75
79					2020AW1067	22-Sep-20	TTA	675450.6779	5395798.619	Block C	1A	OC1A171	OC								ROOTS
79					2020AW1068	22-Sep-20	TTA	675334.5172	5395728.013	Block C	1A	OC1A181	OC	foliation	mod	290	20	75		17	A110D70
80	Dave	Terry	Tim	Andrew	2020AW1079	23-Sep-20	TTA	674168.454	5395410.807	Block C	1A	F1A324	F								
80					2020AW1069	23-Sep-20	TTA	675203.9182	5395461.481	Block C	1A	OC1A29	OC								
80					2020AW1070	23-Sep-20	TTA	675157.424	5395487.838	Block C	1A	OC1A113	OC	foliation	mod	280	10	65		17	A100 D70
80					2020AW1071	23-Sep-20	TTA	675027.496	5395515.825	Block C	1A	OC1A210	OC	foliation	mod	280	10	65		17	Outcrop Sample (Az100 D70); mg, massive mafic unit with moderate outer rusting and ~2% Disseminated sulphides (py).
80					2020AW1072	23-Sep-20	TTA	674856.6084	5395531.973	Block C	1A	OC1A37	OC	foliation	mod	280	10	65		17	
80					2020AW1073	23-Sep-20	TTA	674708.565	5395564.634	Block C	1A	OC1A47	OC								
80					2020AW1074	23-Sep-20	TTA	674635.907	5395579.726	Block C	7A	OC6B3	OC								A75D70
80					2020AW1075	23-Sep-20	TTA	674574.5027	5395578.813	Block C	1A	OC1A56	OC	foliation	mod	300	30	55		17	
80					2020AW1076	23-Sep-20	TTA	674423.5726	5395642.874	Block C	2E	OC2E2	OC	foliation	mod	300	30	45		17	NARROW 1A A180 D60
80					2020AW1077	23-Sep-20	TTA	674235.1812	5395867.204	Block C	1A	OC1A66	OC								
80					2020AW1078	23-Sep-20	TTA	674138.2193	5395765.654	Block C	1A	OC1A674	OC								

80					2020AW1080	23-Sep-20	TTA	674719.1291	5395349.307	Block C	1A	OC1A5678	OC	foliation	mod	280	10	65		17	
80					2020AW1081	23-Sep-20	TTA	674927.4471	5395352.291	Block C	1A	OC1A864	OC	foliation	mod	280	10	65		17	
81		Terry	Tim		2020TH439	24-Sep-20	TNT	676255.9763	5396328.852	Block B	1a	Mafic Volcanic	F								
81					2020TH440	24-Sep-20	TNT	676007.4281	5396280.995	Block B	1a	Mafic Volcanic	F								
81					2020TH441	24-Sep-20	TNT	676398.2215	5396264.791	Block B	1a	Mafic Volcanic	F								
81					2020TH442	24-Sep-20	TNT	676464.7806	5396427.208	Block B	1a	Mafic Volcanic	F								
81					2020TH443	24-Sep-20	TNT	676327.0449	5396521.12	Block B	1a	Mafic Volcanic	F								
82		Dave	Andrew		2020AW1082	24-Sep-20	Andrew-Dave	675327.4423	5396065.005	Block C	1A	OC1A30	OC	foliation	mod	280	10	80		17	
82					2020AW1083	24-Sep-20	Andrew-Dave	675224.6989	5396041.326	Block C	1A	OC1A114	OC	foliation	mod	280	10	80		17	
82					2020AW1084	24-Sep-20	Andrew-Dave	675219.2125	5396037.704	Block C	QV	785605	OC	Lineation	mod	90	180	85		8	
82					2020AW1085	24-Sep-20	Andrew-Dave	675156.7435	5396028.526	Block C	1C	OC1A2111	OC	foliation	mod	320	50	90		17	
82					2020AW1086	24-Sep-20	Andrew-Dave	674865.9712	5396018.56	Block C	1C	OC1A48	OC	foliation	mod	340	70	80		17	
82					2020AW1087	24-Sep-20	Andrew-Dave	674839.9177	5396041.555	Block C	1C	OC1A57	OC								
82					2020AW1088	24-Sep-20	Andrew-Dave	674781.8028	5396103.053	Block C	1C	OC1A67	OC								
82					2020AW1089	24-Sep-20	Andrew-Dave	674783.9796	5396092.434	Block C	1C	OC1A75	OC	foliation	mod	280	10	85		17	
82					2020AW1090	24-Sep-20	Andrew-Dave	674676.1208	5396145.371	Block C	7A	OC7A24	OC								
82					2020AW1091	24-Sep-20	Andrew-Dave	674666.7975	5396144.419	Block C	7A	OC7A111	OC								
82					2020AW1092	24-Sep-20	Andrew-Dave	674648.7531	5396156.092	Block C	1C	OC1A83	OC	foliation	mod	310	40	70		17	
82					2020AW1093	24-Sep-20	Andrew-Dave	674616.1399	5396212.371	Block C	1B	OC1B12	OC	foliation	mod	310	40	80		17	A60D70 NARROW 1A
82					2020AW1094	24-Sep-20	Andrew-Dave	674601.2867	5396270.873	Block C	1A	OC1A93	OC	foliation	mod	310	40	75		17	
82					2020AW1095	24-Sep-20	Andrew-Dave	674563.2081	5396287.377	Block C	7A	OC7A25	OC								A55 D70
82					2020AW1096	24-Sep-20	Andrew-Dave	674562.3343	5396289.467	Block C	1A	OC1A102	OC	foliation	mod	330	60	70		17	
82					2020AW1097	24-Sep-20	Andrew-Dave	674184.86	5396249.692	Block C	1A	OC1A115	OC	foliation	mod	290	20	80		17	
82					2020AW1098	24-Sep-20	Andrew-Dave	674152.1799	5396246.457	Block C	1B	OC1B22	OC	foliation	mod	320	50	70		17	
82					2020AW1099	24-Sep-20	Andrew-Dave	673906.8859	5396200.129	Block C	1A	OC1A122	OC	foliation	mod	300	30	70		17	A50D60
82					2020AW1100	24-Sep-20	Andrew-Dave	673871.9295	5396211.168	Block C	4E	OC4E40	OC								
82					2020AW1101	24-Sep-20	Andrew-Dave	673867.6012	5396210.596	Block C	4B	785606	OC	foliation	mod	280	10	90		8	
82					2020AW1102	24-Sep-20	Andrew-Dave	673832.1664	5396189.467	Block C	1C	OC1A132	OC	foliation	mod	270	0	70		17	
82					2020AW1103	24-Sep-20	Andrew-Dave	673780.8881	5396235.166	Block C	1C	OC1A142	OC	foliation	mod	290	20	65		17	
82					2020AW1104	24-Sep-20	Andrew-Dave	673766.3238	5396327.277	Block C	1C	OC1A152	OC	foliation	mod	360	90	70		17	
82					2020AW1105	24-Sep-20	Andrew-Dave	673740.8796	5396359.304	Block C	1C	OC1A162	OC	foliation	mod	80	170	70		17	
82					2020AW1106	24-Sep-20	Andrew-Dave	673719.896	5396511.41	Block C	1A	OC1A172	OC	foliation	mod	320	50	65		17	
82					2020AW1107	24-Sep-20	Andrew-Dave	673698.8311	5396554.148	Block C	1C	OC1B31	OC	foliation	mod	80	170	90		17	
82					2020AW1108	24-Sep-20	Andrew-Dave	673835.367	5396644.711	Block C	1A	OC1A182	OC								
82					2020AW1109	24-Sep-20	Andrew-Dave	673962.4844	5396782.264	Block C	1C	OC1A191	OC	foliation	mod	280	10	80		17	
82					2020AW1110	24-Sep-20	Andrew-Dave	674136.7325	5396836.629	Block C	1A	OC1A201	OC	foliation	mod	260	350	75		17	
82					2020AW1111	24-Sep-20	Andrew-Dave	674143.4769	5396837.501	Block C	QV	785607	OC	lineation	mod	300	30	90		17	
82					2020AW1112	24-Sep-20	Andrew-Dave	674275.44	5396859.066	Block C	1A	OC1A212	OC	foliation	mod	80	170	75		17	
82					2020AW1113	24-Sep-20	Andrew-Dave	674496.3992	5396910.222	Block C	1C	OC1A221	OC	foliation	mod	350	80	80		17	
82					2020AW1114	24-Sep-20	Andrew-Dave	674515.4925	5396897.686	Block C	1C	OC1A231	OC	foliation	mod	260	350	90		17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83		Dave	Beau		2020DS013	01-Oct-20	Dave/Beau	675906	5397871	Block B	1A	Float	F								
83					2020DS014	01-Oct-20	Dave/Beau	675916	5398015	Block B	1A	Float	F								
83					2020DS015	01-Oct-20	Dave/Beau	675797	5399004	Block B	1A	Float	F								tr py; minor qtz-carbonate veinlets
83					2020DS016	01-Oct-20	Dave/Beau	675744	5398018	Block B	7A	Float	F								mod mt
83					2020DS017	01-Oct-20	Dave/Beau	675646	5398058	Block B	1A	Float	F								tr py
83					2020DS020	01-Oct-20	Dave/Beau	675662	5398229	Block B	1A	Float	F								tr py
83					2020DS018	01-Oct-20	Dave/Beau	675614	5398175	Block B	1A	OC	OC	Foliation	v. weak	345	75	80	NE	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS019	01-Oct-20	Dave/Beau	675610	5398203	Block B	1A	OC	OC	Foliation	v. weak	72			S	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS021	01-Oct-20	Dave/Beau	675734	5398209	Block B	7A	OC	OC	Foliation	v. weak	8	98	85	W	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS022	01-Oct-20	Dave/Beau	675757	5398210	Block B	1A	OC	OC	Foliation	v. weak	10	100	80	E	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS023	01-Oct-20	Dave/Beau	675800	5398243	Block B	1A	OC	OC	Foliation	v. weak	65	155	78	S	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS024	01-Oct-20	Dave/Beau	675959	5398281	Block B	1A	OC	OC	Foliation	v. weak	345	75	65	E	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS025	01-Oct-20	Dave/Beau	676051	5398316	Block B	1A	OC	OC	Foliation	v. weak	48	138	70	NE	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device
83					2020DS026	01-Oct-20	Dave/Beau	676063	5398322	Block B	1A	OC	OC	Foliation	v. weak	260	350	80	S	17	A60D10 - Waypoint subsequently added due to loss of data on GPS device

83					2020DS027	01-Oct-20	Dave/Beau	675954	5398376	Block B	1A	OC	OC	Foliation	v. weak	45	135	70	E	17	
83					2020DS028	01-Oct-20	Dave/Beau	675920	5398395	Block B	1A	OC	OC	Foliation	v. weak					17	
83					2020DS030	01-Oct-20	Dave/Beau	675737	5398441	Block B	1A	OC	OC	Foliation	v. weak	58	148	80	NE	17	
83					2020DS031	01-Oct-20	Dave/Beau	675638	5398468	Block B	1A	OC	OC	Foliation	v. weak	12	102	80	E	17	
84		Terry	Tim		2020TH444	01-Oct-20	TNT	674606.9879	5397395.726	Block B	1a	Mafic Volcanic	OC	Foliation		260		75	SE	17	
84					2020TH445	01-Oct-20	TNT	675385.4645	5397179.707	Block B	1a	Mafic Volcanic	OC	Foliation		220		80	SE	17	A60D10
84					2020TH446	01-Oct-20	TNT	674874.9969	5397153.423	Block B	1a	Mafic Volcanic	OC	Foliation		230		60	SE	17	A60D10
84					2020TH447	01-Oct-20	TNT	674522.026	5397132.635	Block B	1a	Mafic Volcanic	OC	Foliation		250		70	S	17	
84					2020TH448	01-Oct-20	TNT	674389.0945	5397372.262	Block B	1a	Mafic Volcanic	OC	Foliation		250		70	S	17	
84					2020TH449	01-Oct-20	TNT	674348.5897	5397088.083	Block B	1a	Mafic Volcanic	OC	Foliation		250		80	S	17	A00D32
84					2020TH450	01-Oct-20	TNT	673941.5051	5397145.194	Block B	1a	Mafic Volcanic	OC	Foliation		250		80	S	17	A00D32
84					2020TH451	01-Oct-20	TNT	674135.9271	5397277.614	Block B	1a	Mafic Volcanic	OC	Foliation		250		80	S	17	A00D32
84					2020TH452	01-Oct-20	TNT	674685.4995	5397187.233	Block B	1a	Mafic Volcanic	OC	Foliation		260		70	S	17	Outcrop Sample (A00 D32); Smokey quartz vein (up to 10cm wide) with a high degree of rusting and up to 5% blebby sulphides (py/po) ***2 Specs of VG***. Greywacke foot wall and a mafic tuff hanging wall.
84					2020TH453	01-Oct-20	TNT	674004.6217	5396957.468	Block B	1a	Mafic Volcanic	OC	Foliation		270		80	S	17	Outcrop Sample (A00 D32); Footwall of sample 785597. fg to mg, silicified, grey with a purple hue unit with minor quartz stringers. <<1% disseminated sulphides.
84					2020TH454	01-Oct-20	TNT	675107.092	5397184.697	Block B	1a	Mafic Volcanic	OC	Foliation		280		80	S	17	Outcrop Sample (A00 D32); mg, massive mafic unit with minor outer rusting and <<1% Disseminated sulphides (py).
84					2020TH455	01-Oct-20	TNT	674861.4287	5397378.514	Block B	1a	Mafic Volcanic	OC	Foliation		300		80	S	17	Outcrop Sample (A00 D32); Smokey quartz vein (up to 4cm wide) with a high degree of rusting and up to 5% blebby sulphides (py/po). Greywacke footwall and a mafic tuff hanging wall. Approximately 2 meters north of sample 785597
84					2020TH456	01-Oct-20	TNT	675258.2292	5397221.46	Block B	1a	Mafic Volcanic	OC	Foliation		280		70	S	17	
85	Dave	Terry	Tim		2020TH457	02-Oct-20	TNT	674632.107	5397846.985	Block B	7a	Diabase	OC								
85					2020TH458	02-Oct-20	TNT	674946.8043	5397533.152	Block B	1a	Mafic Volcanic	OC	Foliation		170		90		17	A260D60
85					2020TH459	02-Oct-20	TNT	674896.4037	5397760.88	Block B	1a	Mafic Volcanic	OC	Foliation		200				17	A90C65
85					2020TH460	02-Oct-20	TNT	675144.0964	5397544.319	Block B	1a	Mafic Volcanic	OC	Foliation		200		75-E		17	
85					2020TH461	02-Oct-20	TNT	675328.5896	5397305.322	Block B	1a	Mafic Volcanic	OC	Foliation		200		85-E		17	A110D80
85					2020TH462	02-Oct-20	TNT	674610.3295	5397640.815	Block B	1a	Mafic Volcanic	OC	Foliation		240		60-SE		17	A160D80
85					2020TH463	02-Oct-20	TNT	674360.7856	5397569.861	Block B	1a	Mafic Volcanic	OC	Foliation		240		65-SE		17	A290 D80
85					2020TH464	02-Oct-20	TNT	674142.9232	5397507.456	Block B	1a	Mafic Volcanic	OC	Foliation		240		65-SE		17	A195 D80
85					2020TH465	02-Oct-20	TNT	673903.2266	5397443.841	Block B	1a	Mafic Volcanic	OC	Foliation		240		65-SE		17	A110 D80
85					2020TH466	02-Oct-20	TNT	673487.1659	5397535.19	Block B	1a	Mafic Volcanic	OC	Foliation		240		65-SE		17	A105D80
85					2020TH467	02-Oct-20	TNT	673646.6038	5397634.254	Block B	1a	Mafic Volcanic	OC	Foliation		240		65-SE		17	A110D75
85					2020TH468	02-Oct-20	TNT	673871.7146	5397705.09	Block B	1a	Mafic Volcanic	OC	Foliation		250		70-SE		17	A335 85
85					2020TH469	02-Oct-20	TNT	673461.8501	5397418.038	Block B	1a	Mafic Volcanic	OC	Foliation		250		80-SE		17	A330 D80
85					2020TH470	02-Oct-20	TNT	674500.2163	5397812.171	Block B	1a	Mafic Volcanic	OC	Foliation		270		70-SE		17	A330D80
85					2020TH471	02-Oct-20	TNT	674177.0849	5397837.055	Block B	1a	Mafic Volcanic- QTZ VEIN	OC	Foliation		190		60-E		17	
86	Dave	Terry	Tim		2020TH472	05-Oct-20	TNT	674024.4579	5397976.726	Block B	7a	Diabase	OC	Foliation		260		60SE		17	A140D80
86					2020TH473	05-Oct-20	TNT	674750.2568	5397968.371	Block B	1a	Mafic Volcanic	OC	Foliation		210		60SE		17	A355D75
86					2020TH474	05-Oct-20	TNT	675207.3255	5397978.524	Block B	1a	Mafic Volcanic	OC	Foliation		210		60SE		17	A355D75
86					2020TH475	05-Oct-20	TNT	675448.3967	5398206.571	Block B	1a	Mafic Volcanic	OC	Foliation		210		60SE		17	A210D50
86					2020TH476	05-Oct-20	TNT	675368.9413	5398119.756	Block B	1a	Mafic Volcanic	OC	Foliation		220		65SE		17	
86					2020TH477	05-Oct-20	TNT	674470.8286	5398008.84	Block B	1a	Mafic Volcanic	OC	Foliation		230		65SE		17	AZ290D75
86					2020TH478	05-Oct-20	TNT	673880.0952	5397985.489	Block B	1a	Mafic Volcanic	OC	Foliation		230		65SE		17	
86					2020TH479	05-Oct-20	TNT	673912.9695	5398188.428	Block B	1a	Mafic Volcanic	OC	Foliation		240		65SE		17	A280D65
86					2020TH480	05-Oct-20	TNT	674535.4128	5398252.059	Block B	1a	Mafic Volcanic	OC	Foliation		240		65SE		17	A280D65
86					2020TH481	05-Oct-20	TNT	674938.4404	5398244.815	Block B	1a	Mafic Volcanic	OC	Foliation		240		65SE		17	A280 D65
86					2020TH482	05-Oct-20	TNT	675183.4014	5398261.034	Block B	1a	Mafic Volcanic	OC	Foliation		240		65SE		17	
86					2020TH483	05-Oct-20	TNT	674927.8769	5397920.402	Block B	1a	Mafic Volcanic	OC	Foliation		240		65SE		17	NO FOL, rock unit subsequently changed to 7A
86					2020TH484	05-Oct-20	TNT	674245.2674	5398043.22	Block B	1a	Mafic Volcanic	OC	Foliation		270		65S		17	A300D55
86					2020TH485	05-Oct-20	TNT	674050.8727	5397984.447	Block B	1a	Mafic Volcanic	OC	Foliation		280		65S		17	A300D45 PORH TEXTURE
86					2020TH486	05-Oct-20	TNT	674132.8056	5398302.502	Block B	1a	Mafic Volcanic	OC	Foliation		280		65S		17	
86					2020TH487	05-Oct-20	TNT	674665.0584	5398020.679	Block B	1a	Mafic Volcanic	OC	Foliation		300		65S		17	
87	Dave	Terry	Tim	Andrew	2020AW1128	06-Oct-20	TTA	672147.367	5395216.344	Block C	1A	F1A9	F								
87					2020AW1132	06-Oct-20	TTA	672433.225	5395250.71	Block C	1A	F1A16	F								

87					2020AW1115	06-Oct-20	TTA	672831.913	5394984.51	Block C	1A	785608	OC								Outcrop Sample (A320 D40); mg, massive mafic unit with minor rusting associated with 1-3% disseminated sulphides. Narrow (5cm wide) quartz veinlet running parallel to the foliation.
87					2020AW1116	06-Oct-20	TTA	672792.165	5394973.718	Block C	1A	OC1AA320D40	OC	Foliation	mod	320	50	40		17	
87					2020AW1117	06-Oct-20	TTA	672668.505	5394961.118	Block C	5B	OC5B35	OC								
87					2020AW1118	06-Oct-20	TTA	672668.838	5394981.383	Block C	5B	OC5B116	OC								1A XENOS
87					2020AW1119	06-Oct-20	TTA	672570.276	5394947.755	Block C	5B	OC5B210	OC								
87					2020AW1120	06-Oct-20	TTA	672373.733	5394938.264	Block C	5B	OC5B36	OC								
87					2020AW1121	06-Oct-20	TTA	672275.922	5394940.044	Block C	5B	OC5B45	OC								
87					2020AW1122	06-Oct-20	TTA	672181.492	5394970.856	Block C	5B	OC5B54	OC								
87					2020AW1123	06-Oct-20	TTA	672068.007	5394936.118	Block C	7A	OC7A26	OC								
87					2020AW1124	06-Oct-20	TTA	672039.674	5394935.249	Block C	7A	OC7A112	OC								
87					2020AW1125	06-Oct-20	TTA	671999.217	5394964.492	Block C	7A	OC7A27	OC								
87					2020AW1126	06-Oct-20	TTA	671614.183	5395166.414	Block C	5B	OC5B64	OC								
87					2020AW1127	06-Oct-20	TTA	671727.31	5395186.343	Block C	7A	OC7A33	OC								
87					2020AW1129	06-Oct-20	TTA	672243.087	5395220.168	Block C	1A	OC1A39	OC								NOFOL
87					2020AW1130	06-Oct-20	TTA	672278.125	5395223.248	Block C	5B	OC5B731	OC								
87					2020AW1131	06-Oct-20	TTA	672397.048	5395253.384	Block C	5B	OC5B831	OC								
87					2020AW1133	06-Oct-20	TTA	672528.984	5395236.411	Block C	4E	OC4E48	OC								
87					2020AW1134	06-Oct-20	TTA	672548.196	5395244.117	Block C	1A	OC1A116	OC	Foliation	mod	270	360	45		17	A270D45
87					2020AW1135	06-Oct-20	TTA	672594.884	5395232.535	Block C	1A	OC1A213	OC	Foliation	mod	280	10	65		17	A280 D65
87					2020AW1136	06-Oct-20	TTA	672675.395	5395263.715	Block C	3A	OC3A37	OC	Foliation	mod	120	210	85		17	A 120D85
87					2020AW1137	06-Oct-20	TTA	672675.915	5395266.071	Block C	3A	785609	OC	Foliation	mod	120	210	85		17	Outcrop Sample (AZ120 D85); fg/mg, bedded greywacke, with heavy outer rusting, ~2% finely disseminated sulphides and quartz stringers running parallel throughout. Moderate magnetism
87					2020AW1138	06-Oct-20	TTA	672703.115	5395248.771	Block C	1A	OC1A310	OC	Foliation	mod	140	230	85		17	A 140 D85
87					2020AW1139	06-Oct-20	TTA	672769.056	5395250.577	Block C	1A	OC1A49	OC	Foliation	mod	300	30	85		17	A300D85
87					2020AW1140	06-Oct-20	TTA	672821.2	5395229.495	Block C	3A	OC3A116	OC	Foliation	mod	120	210	85		17	A120D85
87					2020AW1141	06-Oct-20	TTA	672843.293	5395205.585	Block C	3A	OC3A212	OC	Foliation	mod	120	210	85		17	D120D85
88	Dave	Terry	Tim	Andrew	2020AW1142	07-Oct-20	TTA	672806.248	5395258.073	Block C	3A	F3A19	F								
88					2020AW1146	07-Oct-20	TTA	672779.602	5395465.51	Block C	1A	F1A10	F								
88					2020AW1149	07-Oct-20	TTA	672638.993	5395544.398	Block C	2E	785613	F								Float Sample; intermediate tuff containing a quartz veinlet approximately 4cm wide running parallel to foliation. Heavy red hematite rusting throughout vein.
88					2020AW1151	07-Oct-20	TTA	672626.693	5395577.73	Block C	3A	785614	F								Float Sample; massive mafic flow/ greywacke contact containing ~2% disseminated sulphides throughout. Heavy outer rusting.
88					2020AW1143	07-Oct-20	TTA	672803.499	5395321.063	Block C	1A	OC1A40	OC								A120D85
88					2020AW1144	07-Oct-20	TTA	672805.036	5395330.902	Block C	2E	785612	OC	Foliation	mod	100	190	80		17	Outcrop Sample (AZ120 D85); fg/mg, bedded intermediate Tuff, predominately mafic unit with alternating beds of more felsic material (plag). Outer surfaces are heavily outer rusted, ~3% finely disseminated sulphides.
88					2020AW1145	07-Oct-20	TTA	672791.728	5395332.385	Block C	1A	OC1A117	OC	Foliation	mod	210	300	85		17	A210D85
88					2020AW1147	07-Oct-20	TTA	672800.249	5395476.72	Block C	1A	OC1A214	OC	Foliation	mod	120	210	85		17	A120D85
88					2020AW1148	07-Oct-20	TTA	672645.279	5395533.915	Block C	1B	OC1B41	OC	Foliation	mod	120	210	85		17	A120D85
88					2020AW1150	07-Oct-20	TTA	672632.674	5395558.117	Block C	1A	OC1A3111	OC	Foliation	mod	315	45	85		17	A315D85
88					2020AW1152	07-Oct-20	TTA	672625.477	5395564.675	Block C	2E	785615	OC	Foliation	mod	140	230	90		17	Outcrop Sample (AZ140 D90); fg/mg, bedded intermediate Tuff, predominately mafic unit with alternating beds of more felsic material (plag). Outer surfaces are heavily outer rusted, up to 3% blebby sulphides throughout sections.
88					2020AW1153	07-Oct-20	TTA	672637.789	5395557.043	Block C	1A	785616	OC	Foliation	mod	140	230	85		17	Outcrop Sample (A140 D85); mg, massive mafic unit with moderate to heavy outer rusting. Trace sulphides. Veinlet running parallel to foliation ~2cm containing hematite red rusting.
88					2020AW1154	07-Oct-20	TTA	672467.57	5395525.782	Block C	1A	OC1A410	OC	Foliation	mod	110	200	85		17	A110D85
88					2020AW1155	07-Oct-20	TTA	672256.058	5395498.144	Block C	1A	OC1A58	OC	Foliation	mod	150	240	80		17	A150D80
88					2020AW1156	07-Oct-20	TTA	672056.287	5395803.517	Block C	1B	OC1B111	OC								NO AZ DIP
88					2020AW1157	07-Oct-20	TTA	672066.546	5395841.216	Block C	1A	OC1A68	OC	Foliation	mod	110	200	80		17	A110D80
88					2020AW1158	07-Oct-20	TTA	672104.608	5395971.545	Block C	1A	OC1A76	OC	Foliation	mod	120	210	85		17	A120D85

89	Dave	Terry	Tim	Andrew	2020AW1184	08-Oct-20	TTA	672737.36	5395413.928	Block C	3A	785617	F							Float Sample; fg silicified, greywacke with strong outer rusting. Quartz vein cross cuts the edge of the sample, rusted and contains sulphides. Up to 4% sulphides (blebby) within the sample.
89					2020AW1159	08-Oct-20	TTA	672913.653	5395198.074	Block C	6E	OC6E9	OC							
89					2020AW1160	08-Oct-20	TTA	672978.755	5395179.5	Block C	1A	OC1A TO INT	OC	Foliation	mod	310	40	45	17	A310 D45 MOD MAG
89					2020AW1161	08-Oct-20	TTA	673054.099	5395163.35	Block C	1A	OC1A TO INT1	OC	Foliation	mod	300	30	40	17	A300D40 MAG
89					2020AW1162	08-Oct-20	TTA	673107.919	5395183.259	Block C	1A	OC1ATOINT	OC	Foliation	mod	300	30	40	17	A300D40MAG
89					2020AW1163	08-Oct-20	TTA	673180.129	5395261.478	Block C	1A	OC1A50	OC	Foliation	mod	310	40	40	17	A310D40
89					2020AW1164	08-Oct-20	TTA	673297.361	5395286.676	Block C	1A	OC1A118	OC	Foliation	mod	340	70	60	17	A340 D60
89					2020AW1165	08-Oct-20	TTA	673434.032	5395309.586	Block C	5A	OC5A40	OC							
89					2020AW1166	08-Oct-20	TTA	673483.938	5395355.964	Block C	1A	OC1A215	OC							
89					2020AW1167	08-Oct-20	TTA	673713.391	5395413.242	Block C	1A	OC1A312	OC	Foliation	mod	320	50	45	17	A320D45
89					2020AW1168	08-Oct-20	TTA	673755.044	5395416.985	Block C	1A	OC1A4111	OC	Foliation	mod	290	20	40	17	A290 D40
89					2020AW1169	08-Oct-20	TTA	673854.787	5395416.848	Block C	1A	OC1A59	OC	Foliation	mod	300	30	65	17	A300D65
89					2020AW1170	08-Oct-20	TTA	673907.06	5395555.418	Block C	5A	OC5A116	OC							
89					2020AW1171	08-Oct-20	TTA	673899.903	5395555.867	Block C	1A	OC1A69	OC	Foliation	mod	320	50	45	17	A320D45
89					2020AW1172	08-Oct-20	TTA	673838.375	5395582.663	Block C	1A	OC1A77	OC	Foliation	mod	110	200	45	17	A110D45
89					2020AW1173	08-Oct-20	TTA	673751.573	5395586.092	Block C	5A	OC5A212	OC							
89					2020AW1174	08-Oct-20	TTA	673720.504	5395587.909	Block C	5A	OC5A3111	OC							
89					2020AW1175	08-Oct-20	TTA	673709.475	5395594.356	Block C	1A	OC1A84	OC	Foliation	mod	320	50	60	17	A320D60
89					2020AW1176	08-Oct-20	TTA	673663.016	5395627.066	Block C	1A	OC1A94	OC							
89					2020AW1177	08-Oct-20	TTA	673577.782	5395632.327	Block C	5A	OC5A461	OC							
89					2020AW1178	08-Oct-20	TTA	673522.799	5395640.418	Block C	1A	OC1A103	OC	Foliation	mod	260	350	70	17	A260D70
89					2020AW1179	08-Oct-20	TTA	673280.434	5395648.621	Block C	1A	OC1A119	OC	Foliation	mod	310	40	60	17	A310D60
89					2020AW1180	08-Oct-20	TTA	673172.543	5395626.481	Block C	1A	OC1A123	OC							
89					2020AW1181	08-Oct-20	TTA	673078.696	5395588.541	Block C	1A	OC1A133	OC							
89					2020AW1182	08-Oct-20	TTA	672932.648	5395461.441	Block C	1A	OC1A143	OC							
89					2020AW1183	08-Oct-20	TTA	672816.287	5395355.503	Block C	3A	OC3A38	OC							SMOOTH MAGNETIC
90	Dave	Tim	Andrew		2020AW1199	09-Oct-20	Tim Andrew	673327.968	5395855.233	Block C	1A	F1A17	F							
90					2020AW1214	09-Oct-20	Tim Andrew	672871.423	5395617.195	Block C	1A	785621	F							Float Sample;fg, massive mafic flow with highly rusted outer surface and ~2-3% disseminated sulphides throughout. Narrow rusted/red vienlet (~2cm wide) cross cuts the rock, potentially contains hematite rusting.
90					2020AW1192	09-Oct-20	Tim Andrew	672811.419	5395755.083	Block C		785618	OC	Foliation	wk	10	100	80	17	Outcrop Sample (A10 D80); mg, massive mafic unit with moderate to heavy outer rusting and ~2% disseminated sulphides. Weakly magnetic
90					2020AW1186	09-Oct-20	Tim Andrew	672530.963	5395557.767	Block C	1A	OC1A60	OC	Foliation	wk	300	30	40	17	A300D40
90					2020AW1187	09-Oct-20	Tim Andrew	672587.769	5395619.587	Block C	1A	OC1A120	OC	Foliation	wk	320	50	40	17	A320D40
90					2020AW1188	09-Oct-20	Tim Andrew	672637.671	5395639.931	Block C	1A	OC1A216	OC	Foliation	wk	300	30	70	17	A300D70
90					2020AW1189	09-Oct-20	Tim Andrew	672666.784	5395663.3	Block C	1A	OC1A313	OC	Foliation	wk	300	30	70	17	A300D70 MAG
90					2020AW1190	09-Oct-20	Tim Andrew	672744.584	5395763.04	Block C	1A	OC1A412	OC	Foliation	wk	270	360	60	17	A270D60
90					2020AW1191	09-Oct-20	Tim Andrew	672803.305	5395752.94	Block C	1A	OC1A510	OC	Foliation	wk	10	100	80	17	A10D80
90					2020AW1193	09-Oct-20	Tim Andrew	672858.652	5395718.491	Block C	1A	OC1A610	OC	Foliation	wk	280	10	70	17	A280D70
90					2020AW1194	09-Oct-20	Tim Andrew	672898.006	5395713.027	Block C		785619	OC	Foliation	wk	300	30	70	17	Outcrop Sample (AZ300 D70); fg/mg, intermediate unit (appears almost dioritic), predominately mafic unit with a significant proportion of white plagioclase (~30%). Outer surfaces are heavily outer rusted, ~2% finely disseminated sulphides.
90					2020AW1195	09-Oct-20	Tim Andrew	672965.33	5395794.198	Block C	1A	OC1A78	OC	Foliation	wk	310	40	70	17	A310 D70
90					2020AW1196	09-Oct-20	Tim Andrew	673007.284	5395850.118	Block C	1A	OC1A85	OC							
90					2020AW1197	09-Oct-20	Tim Andrew	673167.976	5395879.443	Block C	1A	OC1A 2E	OC							WKFOL
90					2020AW1198	09-Oct-20	Tim Andrew	673232.463	5395925.933	Block C	2E	OC2E3	OC							WKFOI
90					2020AW1200	09-Oct-20	Tim Andrew	673372.369	5395850.824	Block C	1A	OC1A95	OC	Foliation	wk	275	5	70	17	A275D70
90					2020AW1201	09-Oct-20	Tim Andrew	673491.821	5395784.653	Block C	1A	OC1A104	OC							
90					2020AW1202	09-Oct-20	Tim Andrew	673579.551	5395794.034	Block C	1A	OC1A1110	OC							
90					2020AW1203	09-Oct-20	Tim Andrew	673591.111	5395763.245	Block C	1A	OC1A124	OC	Foliation	wk	250	340	75	17	A250D75
90					2020AW1204	09-Oct-20	Tim Andrew	673550.97	5395734.634	Block C	1A	OC1A134	OC	Foliation	wk	270	360	70	17	A270D70
90					2020AW1205	09-Oct-20	Tim Andrew	673565.504	5395691.134	Block C	1A	OC1A144	OC	Foliation	wk	280	10	70	17	A280D70
90					2020AW1206	09-Oct-20	Tim Andrew	673569.778	5395636.201	Block C	5A	OC5A47	OC							
90					2020AW1207	09-Oct-20	Tim Andrew	673327.483	5395677.882	Block C	1A	OC1A153	OC	Foliation	wk	290	20	70	17	A290D70
90					2020AW1208	09-Oct-20	Tim Andrew	673288.967	5395722.973	Block C	1A	OC1A163	OC							
90					2020AW1209	09-Oct-20	Tim Andrew	673221.555	5395740.138	Block C	1A	OC1A173	OC							SMOOTH

90					2020AW1210	09-Oct-20	Tim Andrew	673159.778	5395782.404	Block C	1A	OC1A183	OC	Foliation	wk	280	10	75		17	A280D75
90					2020AW1211	09-Oct-20	Tim Andrew	673002.638	5395718.92	Block C	1A	OC1A192	OC								SMOOTH
90					2020AW1212	09-Oct-20	Tim Andrew	672969.888	5395698.999	Block C	1A	785620	OC	Foliation	mod	300	30	30		17	Outcrop Sample (A300 D30); mg, massive mafic unit with moderate to heavy outer rusting and up to 5% disseminated sulphides; with some sections appearing silicified. Two narrow rusted/red quartz veinlets (~1cm wide) run parallel to the foliation. Quartz v
90					2020AW1213	09-Oct-20	Tim Andrew	672910.385	5395660.34	Block C	1A	OC1A202	OC	Foliation	mod	290	20	70		17	A290D70
91		Dave	Terry		2020AW1285	10-Oct-20	Terry	647842.001	5385581.009	Rd 505	3A	785628	OC	Foliation	mod	280	10	60		17	Outcrop Sample (A280 D60); fg, grey, silicified greywacke containing up to 2% disseminated sulphides (cpy and predominately py). Quartz stringers run sporatically throughout the sample some of which are associated with sulphides. Sample also contains a q
92	Dave	Tim	Beau	Andrew	2020AW1215	13-Oct-20	Tim Beau Andrew	672295.562	5396789.993	Block C	1A	F1A18	F								
92					2020AW1216	13-Oct-20	Tim Beau Andrew	672263.863	5396872.46	Block C	1A	F1A19	F								
92					2020AW1221	13-Oct-20	Tim Beau Andrew	672322.834	5396990.415	Block C	3A	F3A20	F								
92					2020AW1228	13-Oct-20	Tim Beau Andrew	672558.748	5397326.426	Block C	1A	F1A24	F								
92					2020AW1229	13-Oct-20	Tim Beau Andrew	672594.831	5397390.947	Block C	1A	F1A34	F								
92					2020AW1232	13-Oct-20	Tim Beau Andrew	672556.096	5397670.898	Block C	1A	F1A43	F								
92					2020AW1233	13-Oct-20	Tim Beau Andrew	672545.273	5397759.452	Block C	3A	F3A110	F								
92					2020AW1237	13-Oct-20	Tim Beau Andrew	672481.223	5397921.799	Block C	1A	785622	F								Float Sample; fg, massive mafic flow with lightly rusted outer surface and ~3% blebby sulphides throughout (py). Weakly foliated
92					2020AW1240	13-Oct-20	Tim Beau Andrew	672054.666	5397659.153	Block C	1A	F1A52	F								
92					2020AW1222	13-Oct-20	Tim Beau Andrew	672321.747	5396989.832	Block C	3A	POC3A31	POC	Foliation	mod	80	170	85		17	A80D85
92					2020AW1217	13-Oct-20	Tim Beau Andrew	672258.31	5396880.635	Block C	1A	OC1A70	OC	Foliation	mod	65	155	45		17	A65D45
92					2020AW1218	13-Oct-20	Tim Beau Andrew	672264.208	5396906.852	Block C	1A	OC1A125	OC								
92					2020AW1219	13-Oct-20	Tim Beau Andrew	672261.991	5396921.349	Block C	1A	OC1A217	OC	Foliation	mod	80	170	45		17	A80 D45
92					2020AW1220	13-Oct-20	Tim Beau Andrew	672283.031	5396946.138	Block C	1A	OC1A314	OC								A140D45
92					2020AW1223	13-Oct-20	Tim Beau Andrew	672368.314	5396967.456	Block C	1A	OC1A413	OC	Foliation	mod	90	180	40		17	A90D40
92					2020AW1224	13-Oct-20	Tim Beau Andrew	672402.894	5396968.407	Block C	7A	OC7A28	OC								
92					2020AW1225	13-Oct-20	Tim Beau Andrew	672418.926	5396954.66	Block C	1A	OC1A5111	OC	Foliation	mod	160	250	25		17	A160D25
92					2020AW1226	13-Oct-20	Tim Beau Andrew	672427.357	5396960.701	Block C	1A	OC1A6111	OC	Foliation	mod	90	180	30		17	A90D30
92					2020AW1227	13-Oct-20	Tim Beau Andrew	672458.51	5396984.58	Block C	1A	OC1A79	OC								
92					2020AW1230	13-Oct-20	Tim Beau Andrew	672608.688	5397497.96	Block C	2E	OC2E4	OC	Foliation	mod	90	180	45		17	A90D45
92					2020AW1231	13-Oct-20	Tim Beau Andrew	672603.318	5397543.292	Block C	1A	OC1A86	OC	Foliation	mod	90	180	45		17	A90D45
92					2020AW1234	13-Oct-20	Tim Beau Andrew	672532.676	5397797.782	Block C	1A	OC1A218	OC								
92					2020AW1235	13-Oct-20	Tim Beau Andrew	672504.494	5397833.18	Block C	1A	OC1A96	OC	Foliation	mod	60	150	30		17	A60D30
92					2020AW1236	13-Oct-20	Tim Beau Andrew	672495.286	5397878.739	Block C	1A	OC1A105	OC								
92					2020AW1238	13-Oct-20	Tim Beau Andrew	672439.216	5397846.53	Block C	1A	OC1A11111	OC	Foliation	mod	95	185	30		17	A95 D30
92					2020AW1239	13-Oct-20	Tim Beau Andrew	672342.173	5397765.113	Block C	1A	OC1A126	OC								
92					2020AW1241	13-Oct-20	Tim Beau Andrew	672075.331	5397307.346	Block C	1A	OC1A135	OC	Foliation	mod	95	185	40		17	A95D40
92					2020AW1242	13-Oct-20	Tim Beau Andrew	672370.421	5396982.646	Block C	1A	OC1A145	OC	Foliation	mod	90	180	40		17	A90D40
92					2020AW1243	13-Oct-20	Tim Beau Andrew	672382.495	5396956.543	Block C	7A	OC7A113	OC	Foliation	mod	85	175			17	
93	Dave	Tim	Beau	Andrew	2020AW1250	14-Oct-20	Tim Beau Andrew	672902.391	5397386.407	Block C	1A	F1A20	F								
93					2020AW1251	14-Oct-20	Tim Beau Andrew	672866.217	5397587.778	Block C	1A	F1A110	F								
93					2020AW1244	14-Oct-20	Tim Beau Andrew	672621.562	5397108.632	Block C	1A	OC1A219	OC								
93					2020AW1245	14-Oct-20	Tim Beau Andrew	672633.555	5397111.23	Block C	1A	OC1A315	OC	Foliation	mod	50	140	60		17	A50D60
93					2020AW1246	14-Oct-20	Tim Beau Andrew	672661.001	5397095.271	Block C	2E	OC2E5	OC	Foliation	mod	60	150	50		17	A6050
93					2020AW1247	14-Oct-20	Tim Beau Andrew	672760.099	5397040.917	Block C	1A	OC1A414	OC	Foliation	mod	95	185	55		17	A95D55
93					2020AW1248	14-Oct-20	Tim Beau Andrew	672843.833	5397059.742	Block C	1A	OC1A512	OC	Foliation	mod	90	180	50		17	A90D50
93					2020AW1249	14-Oct-20	Tim Beau Andrew	672933.464	5397088.093	Block C	1A	OC1A612	OC	Foliation	mod	90	180	45		17	A90D45
93					2020AW1252	14-Oct-20	Tim Beau Andrew	672856.066	5397646.978	Block C	1A	OC1A710	OC	Foliation	mod	65	155	40		17	A65D40
93					2020AW1253	14-Oct-20	Tim Beau Andrew	672851.341	5397666.527	Block C	1A	OC1A87	OC	Foliation	mod	80	170	44		17	A80 D44
93					2020AW1254	14-Oct-20	Tim Beau Andrew	672820.249	5397707.737	Block C	1A	OC1A97	OC								
93					2020AW1255	14-Oct-20	Tim Beau Andrew	672794.858	5397736.207	Block C	1A	OC1A106	OC	Foliation	mod	20	110	65		17	A20D65
93					2020AW1256	14-Oct-20	Tim Beau Andrew	672767.797	5397785.216	Block C	1A	OC1A1112	OC	Foliation	mod	35	125	40		17	A35D40
93					2020AW1257	14-Oct-20	Tim Beau Andrew	672748.808	5397856.723	Block C	1A	OC1A128	OC	Foliation	mod	35	125	50		17	A35D50
93					2020AW1258	14-Oct-20	Tim Beau Andrew	672724.639	5397905.047	Block C	1A	OC1A136	OC	Foliation	mod	35	125	40		17	A35D40
93					2020AW1259	14-Oct-20	Tim Beau Andrew	672712.684	5398066.107	Block C	1A	OC1A146	OC								CLIFF
93					2020AW1260	14-Oct-20	Tim Beau Andrew	672786.687	5398089.63	Block C	1A	OC1A154	OC	Foliation	mod	50	140	40		17	A50D40
93					2020AW1261	14-Oct-20	Tim Beau Andrew	672846.166	5398027.94	Block C	1A	OC1A164	OC								
93					2020AW1262	14-Oct-20	Tim Beau Andrew	672941.825	5398015.429	Block C	1A	OC1A174	OC	Foliation	mod	60	150	40		17	A60D40
93					2020AW1263	14-Oct-20	Tim Beau Andrew	672981.621	5397944.9	Block C	1A	OC1A184	OC	Foliation	mod	55	145	45		17	A55D45

93					2020AW1264	14-Oct-20	Tim Beau Andrew	673016.502	5397628.119	Block C	1A	OC1A193	OC								
93					2020AW1265	14-Oct-20	Tim Beau Andrew	673089.706	5397319.981	Block C	1A	OC1A203	OC								
93					2020AW1266	14-Oct-20	Tim Beau Andrew	673116.706	5397296.896	Block C	1A	OC1A2110	OC	Foliation	mod	70	160	45		17	A70D45
93					2020AW1267	14-Oct-20	Tim Beau Andrew	672889.742	5397123.235	Block C	1A	OC1A222	OC	Foliation	mod	80	170	60		17	A80D60
94	Dave	Tim	Beau	Andrew	2020AW1280	15-Oct-20	Tim Beau Andrew	647841.695	5385576.154	Rd 505	QV	785623	POC	Foliation		280	10	60		17	Possible Outcrop; Rusted quartz vein (~10cm wide) containing 5-10% blebby py, and cpy hosted in greywacke. Sample was found next to a rusty greywacke outcrop (A280 D60), and likely was broken off from there.
94					2020AW1268	15-Oct-20	Tim Beau Andrew	651386.769	5388705.409	Rd 505	5A	OC5A48	OC								
94					2020AW1269	15-Oct-20	Tim Beau Andrew	651499.343	5388432.037	Rd 505	5B	OC5B37	OC								
94					2020AW1270	15-Oct-20	Tim Beau Andrew	651697.618	5388376.651	Rd 505	5A	OC5A117	OC								
94					2020AW1271	15-Oct-20	Tim Beau Andrew	651807.299	5388257.701	Rd 505	5B	OC5B5A	OC								CONTACT
94					2020AW1272	15-Oct-20	Tim Beau Andrew	651768.862	5387895.054	Rd 505	5A	OC5A5B	OC								CONTACT
94					2020AW1273	15-Oct-20	Tim Beau Andrew	650520.001	5386773.226	Rd 505	5B	OC5B117	OC								
94					2020AW1274	15-Oct-20	Tim Beau Andrew	650362.576	5385927.574	Rd 505	5B	OC5B2111	OC								4B?
94					2020AW1275	15-Oct-20	Tim Beau Andrew	650340.845	5385421.134	Rd 505	5A	OC5A213	OC								
94					2020AW1276	15-Oct-20	Tim Beau Andrew	649519.78	5385242.095	Rd 505	5A	OC5A312	OC								
94					2020AW1277	15-Oct-20	Tim Beau Andrew	649230.793	5385162.574	Rd 505	5A	OC5A49	OC								
94					2020AW1278	15-Oct-20	Tim Beau Andrew	648827.599	5385247.887	Rd 505	7A	OC7A29	OC								
94					2020AW1279	15-Oct-20	Tim Beau Andrew	648532.484	5385210.286	Rd 505	3A	OC3A39	OC								A260D40
94					2020AW1281	15-Oct-20	Tim Beau Andrew	647842.627	5385577.185	Rd 505	QV	785624	OC	Lineation	mod	280	10	60		8	Outcrop Sample (A280 D60); cg smokey quartz vein approximately 4cm wide hosted in fg greywacke. The host rock contains <1% disseminated sulphides and is moderately to highly rusted on weathered surfaces. Strike and dip of QV matched the foliation of the
94					2020AW1282	15-Oct-20	Tim Beau Andrew	647834.968	5385576.872	Rd 505	3A	785625	OC	Lineation	mod	280	10	60		8	Outcrop Sample (A280 D60); fg, grey, silicified greywacke containing up to 5% disseminated sulphides (cpy and py). Quartz stringers run sporatically throughout the sample some of which are associated with sulphides.
94					2020AW1283	15-Oct-20	Tim Beau Andrew	647831.05	5385574.205	Rd 505	3A	785626	OC	Foliation	mod	280	10	60		17	Outcrop Sample (A280 D60); fg, grey, silicified greywacke containing up to 2-3% disseminated sulphides (cpy and predominately py). Quartz stringers run sporatically throughout the sample some of which are associated with sulphides.
94					2020AW1284	15-Oct-20	Tim Beau Andrew	647847.75	5385576.098	Rd 505	4F	785627	OC	Lineation	mod	280	10	60		8	Felsic Dyke composed predominately of cg white plagioclase and lesser cg smokey quartz hosted in a greywacke (A280 D60). Dyke runs parallel to foliation of the bedrock. <1% blebby mo is observed in the dyke.
95	Dave	Tim	Beau	Andrew	2020AW1286	16-Oct-20	Tim Beau Andrew	672382.694	5396521.105	Block C	1A	OC1A88	OC	Foliation	mod	95	185	40		17	A95D40
95					2020AW1287	16-Oct-20	Tim Beau Andrew	672411.843	5396538.357	Block C	1A	OC1A129	OC	Foliation	mod	95	185			17	A95D40
95					2020AW1288	16-Oct-20	Tim Beau Andrew	672607.456	5396640.823	Block C	1A	OC1A220	OC								
95					2020AW1289	16-Oct-20	Tim Beau Andrew	672641.168	5396641.535	Block C	1A	OC1A316	OC								
95					2020AW1290	16-Oct-20	Tim Beau Andrew	672722.997	5396701.012	Block C	1A	OC1A415	OC	Foliation	mod	80	170	45		17	A80D45
95					2020AW1291	16-Oct-20	Tim Beau Andrew	672808.534	5396807.333	Block C	1A	OC1A513	OC								
95					2020AW1292	16-Oct-20	Tim Beau Andrew	672815.785	5396822.803	Block C	1A	OC1A21111	OC	Foliation	mod	280	10	70		17	A280D70
95					2020AW1293	16-Oct-20	Tim Beau Andrew	672928.17	5396949.312	Block C	1A	OC1A613	OC	Foliation	mod	35	125	45		17	A35D45
95					2020AW1294	16-Oct-20	Tim Beau Andrew	672948.56	5396987.652	Block C	1A	OC1A7111	OC	Foliation	mod	40	130	50		17	A40D50
95					2020AW1295	16-Oct-20	Tim Beau Andrew	672984.949	5397049.406	Block C	1A	OC1A89	OC								
95					2020AW1296	16-Oct-20	Tim Beau Andrew	672985.17	5397051.865	Block C	1A	OC1A98	OC	Foliation	mod	40	130	45		17	A40D45
95					2020AW1297	16-Oct-20	Tim Beau Andrew	672994.203	5397081.183	Block C	1A	OC1A107	OC								
95					2020AW1298	16-Oct-20	Tim Beau Andrew	673032.337	5397112.731	Block C	1A	OC1A1113	OC								
95					2020AW1299	16-Oct-20	Tim Beau Andrew	673225.337	5397201.124	Block C	1A	OC1A1210	OC								
95					2020AW1300	16-Oct-20	Tim Beau Andrew	673307.913	5397235.941	Block C	1A	OC1A137	OC								
95					2020AW1301	16-Oct-20	Tim Beau Andrew	673370.717	5397240.885	Block C	1A	OC1A147	OC	Foliation	mod	35	125	50		17	A35D50
95					2020AW1302	16-Oct-20	Tim Beau Andrew	673428.498	5397263.14	Block C	6E	OC6E3A?	OC								NOFOL
95					2020AW1303	16-Oct-20	Tim Beau Andrew	673486.863	5397190.298	Block C	1A	OC1A155	OC								
95					2020AW1304	16-Oct-20	Tim Beau Andrew	673490.415	5397146.905	Block C	1A	OC1A165	OC	Foliation	mod	70	160	45		17	A70D45
95					2020AW1305	16-Oct-20	Tim Beau Andrew	673485.228	5397121.828	Block C	QV	785631	OC	Lineation	mod	81	171	60		8	Outcrop Sample (A80 D60); cg smokey quartz vein. Vein is up to 25cm wide and pinches and swells within the massive mafic flow host rock. The quartz vein follows the orientation of the host rock (A80 D60). Qv is rusted with ~1-2% disseminated sulphides,

95					2020AW1306	16-Oct-20	Tim Beau Andrew	673505.962	5396984.737	Block C	1A	OC1A175	OC	Foliation	mod	80	170	60		17	A80D60
95					2020AW1307	16-Oct-20	Tim Beau Andrew	673457.906	5396955.097	Block C	5A	OC5A50	OC								
95					2020AW1308	16-Oct-20	Tim Beau Andrew	673440.833	5396940.553	Block C	1A	OC1A185	OC								
95					2020AW1309	16-Oct-20	Tim Beau Andrew	673278.763	5396878.138	Block C	1A	OC1A194	OC	Foliation	mod	85	175	40		17	A85D40
95					2020AW1310	16-Oct-20	Tim Beau Andrew	673228.144	5396826.507	Block C	1A	OC1A204	OC								
95					2020AW1311	16-Oct-20	Tim Beau Andrew	673095.78	5396748.658	Block C	1A	OC1A223	OC								
95					2020AW1312	16-Oct-20	Tim Beau Andrew	672941.13	5396665.127	Block C	1A	OC1A232	OC								
95					2020AW1313	16-Oct-20	Tim Beau Andrew	672890.096	5396631.625	Block C	1A	OC1A241	OC								
95					2020AW1314	16-Oct-20	Tim Beau Andrew	672866.535	5396614.766	Block C	1A	OC1A251	OC	Foliation	mod	70	160	50		17	A70D50
95					2020AW1315	16-Oct-20	Tim Beau Andrew	672781.551	5396573.989	Block C	1A	OC1A261	OC								
95					2020AW1316	16-Oct-20	Tim Beau Andrew	672663.614	5396488.912	Block C	6F	OC6F	OC								
95					2020AW1317	16-Oct-20	Tim Beau Andrew	672584.61	5396461.899	Block C	1A	OC1A271	OC	Foliation	mod	70	160	50		17	A70D50
96	Dave	Andrew	Beau		2020AW1319	17-Oct-20	Beau Andrew	672418.625	5396250.645	Block C	1A	F1A25	F								
96					2020AW1320	17-Oct-20	Beau Andrew	672493.69	5396293.228	Block C	1A	OC1A90	OC	Foliation	mod	115	205	75		17	A115D75
96					2020AW1321	17-Oct-20	Beau Andrew	672543.405	5396319.449	Block C	1A	OC1A130	OC								SNOWY
96					2020AW1322	17-Oct-20	Beau Andrew	672698.586	5396383.971	Block C	1A	OC1A224	OC	Foliation	mod	80	170	70		17	A80D70
96					2020AW1323	17-Oct-20	Beau Andrew	672880.983	5396425.408	Block C	1A	OC1A317	OC	Foliation	mod	90	180	70		17	A90D70
96					2020AW1324	17-Oct-20	Beau Andrew	673018.105	5396471.245	Block C	1A	OC1A416	OC								TOO MUCH SNOW
96					2020AW1325	17-Oct-20	Beau Andrew	673170.868	5396608.796	Block C	1A	OC1A514	OC								TOO MUCH SNOW
96					2020AW1326	17-Oct-20	Beau Andrew	673322.334	5396769.345	Block C	1A	OC1A614	OC	Foliation	mod	70	160	60		17	A70D60
96					2020AW1327	17-Oct-20	Beau Andrew	673440.101	5396854.646	Block C	1A	OC1A712	OC								TOO MUCH SNOW
96					2020AW1328	17-Oct-20	Beau Andrew	673621.496	5396649.649	Block C	1A	OC1A810	OC	Foliation	mod	70	160	70		17	A70D70
96					2020AW1329	17-Oct-20	Beau Andrew	673335.301	5396528.326	Block C	1A	OC1A99	OC	Foliation	mod	105	195	70		17	A105D70
96					2020AW1330	17-Oct-20	Beau Andrew	673134.939	5396403.317	Block C	1A	OC1A108	OC								TOO MUCH SNOW
96					2020AW1331	17-Oct-20	Beau Andrew	673065.087	5396378.24	Block C	1A	OC1A1114	OC	Foliation	mod	70	160	70		17	A70D70
97	Dave	Terry	Tim	Andrew	2020AW1334	22-Oct-20	TTA	654893.171	5390564.739	Block A	3A	785634	F								Float Sample; fg, grey, greywacke (up to 10% mafics) containing up to 3-5% disseminated sulphides (py). Felsic vein (plag + qtz) runs through sample (~3cm wide) parallel to foliation containing up to 10% sulphides (blebby py). *Same sample location as 784479*
97					2020AW1335	22-Oct-20	TTA	654868.69	5390573.192	Block A	1H	OC1H8	OC								
97					2020AW1336	22-Oct-20	TTA	654852.407	5390578.3	Block A	3A	OC3A40	OC	Foliation	mod	110	200	65		17	A110D65 INTTUFF 3A CONTACT
97					2020AW1337	22-Oct-20	TTA	654852.53	5390579.198	Block A	3A	785635	OC	Foliation	mod	110	200	65		17	Outcrop Sample (A110 D65); fg/mg, grey, greywacke (with up to 10% thinnly bedded mafics), moderate rusting, trace disseminated sulphides. 2-3 cm wide quartz vein running along foliation with heavy rusting.
97					2020AW1338	22-Oct-20	TTA	654852.289	5390577.187	Block A	2E	785636	OC	Foliation	mod	110	200	70		17	Outcrop Sample (A110 D70); fg, dark grey, intermediate tuff (approximately 50% mafics) containing up to 1% disseminated sulphides and moderate amounts of rusting. 2E is approximately 30 cm wide and in close proximity to greywacke contact (parallel to fol
97					2020AW1339	22-Oct-20	TTA	654839.442	5390586.063	Block A	5C	OC5C	OC	Foliation	mod	110	200	65		17	A110D65
97					2020AW1340	22-Oct-20	TTA	654817.578	5390593.022	Block A	1H	OC1H13	OC	Foliation	mod	110	200			17	A110 CANT GET DIP
97					2020AW1341	22-Oct-20	TTA	654777.959	5390578.477	Block A	1H	OC1H23	OC	Foliation	mod	115	205	80		17	A115 D80
97					2020AW1342	22-Oct-20	TTA	654778.296	5390609.077	Block A	3A	OC3A117	OC	Foliation	mod	110	200	70		17	A110D70
97					2020AW1343	22-Oct-20	TTA	654781.632	5390608.385	Block A	3A	785637	OC	Foliation	mod	110	200	70		17	Outcrop Sample (A110 D70 - muddy conditions); fg/mg, grey, silicified greywacke with up to 10% biotite speckled throughout, moderate rusting with 1-2% disseminated sulphides. Approximately the same sample location as 784481.
97					2020AW1344	22-Oct-20	TTA	654780.151	5390608.568	Block A	QV	785638	OC	Lineation	mod	110	200	70		8	Outcrop Sample (A110 D70); cg, smokey, boudinaged quartz vein. Vein is up to 10cm wide and 25cm long before pinching out. Quartz vein follows the orientation of the host rock (A110 D70). Qv contains ~1-2% disseminated sulphides, hosted in greywacke.
97					2020AW1345	22-Oct-20	TTA	654777.861	5390608.729	Block A	3A	785639	OC	Foliation	mod	110	200	70		17	Outcrop Sample (A110 D70); fg/mg, grey, silicified greywacke with up to 10% biotite speckled throughout. Sample contains 2-3 blebby sulphides and a boudinaged quartz vein (5cm across). Located ~20 cm down strike from 785638.
97					2020AW1346	22-Oct-20	TTA	654779.515	5390607.665	Block A	1H	785640	OC	Foliation	mod	110	200	80		17	Outcrop Sample (A110 D80); fg, dark green to grey, bedded mafic unit, containing ~3% disseminated sulphides. Sample taken in close proximity to a greywacke contact.

97					2020AW1348	22-Oct-20	TTA	654754.124	5390617.082	Block A	5B	OC5B38	OC							
97					2020AW1349	22-Oct-20	TTA	654749.926	5390657.122	Block A	5B	OC5B118	OC							
97					2020AW1350	22-Oct-20	TTA	654717.129	5390643.651	Block A	5A	OC5A54	OC							
97					2020AW1351	22-Oct-20	TTA	654683.373	5390664.967	Block A	5B	OC5B212	OC							
97					2020AW1352	22-Oct-20	TTA	654582.361	5390687.883	Block A	5A	OC5A118	OC							
97					2020AW1353	22-Oct-20	TTA	654575.255	5390696.918	Block A	1H	OC1H32	OC	Foliation	mod	90	180	80		17	A90D80
97					2020AW1354	22-Oct-20	TTA	654574.159	5390693.885	Block A	1H	785641	OC	Foliation	mod	90	180	80		17	Outcrop Sample (A90 D80); fg, dark green to grey, bedded mafic unit, containing trace disseminated sulphides. Quartz vienlet runs through sample running parallel to foliation that is ~1cm wide containing up to 5% blebby py.
97					2020AW1355	22-Oct-20	TTA	654560.868	5390694.853	Block A	5A	OC5A214	OC							
97					2020AW1356	22-Oct-20	TTA	654553.951	5390670.31	Block A	3A	OC3A213	OC	Foliation	mod	95	185	75		17	A95D75
97					2020AW1357	22-Oct-20	TTA	654781.771	5390579.356	Block A	1H	785642	OC	Foliation	mod	120	210	70		17	Outcrop Sample (A120 D75); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 5% sulphides in stringers, and trace sulphides in host rock with moderate amounts of rusting. Same sample location as 784482
97					2020AW1358	22-Oct-20	TTA	654797.709	5390573.343	Block A	1H	OC1H42	OC	Foliation	mod	120	210			17	
97					2020AW1359	22-Oct-20	TTA	654783.235	5390558.269	Block A	5B	OC5B39	OC							
97					2020AW1360	22-Oct-20	TTA	654796.048	5390574.64	Block A	1H	785643	OC	Foliation	mod	120	210	65		17	Outcrop Sample (A120 D65); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 2-3% sulphides in stringers, and trace sulphides in host rock.
97					2020AW1361	22-Oct-20	TTA	654803.153	5390573.493	Block A	1H	785644	OC	Foliation	mod	120	210	65		17	Outcrop Sample (A120 D65); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 1-2% sulphides disseminated within stringers, moderate rusting, and trace sulphides in host rock.
97					2020AW1362	22-Oct-20	TTA	654837.116	5390563.53	Block A	1H	OC1H51	OC	Foliation	mod	120	210			17	
98	Dave	Terry	Tim		2020TH488	23-Oct-20	TNT	675910.604	5399239.497	Block B	1a	Mafic Volcanic	OC	Foliation		120		65SW		17	
98					2020TH489	23-Oct-20	TNT	676273.985	5398754.268	Block B	1a	Mafic Volcanic	OC	Foliation		200		70E		17	
98					2020TH490	23-Oct-20	TNT	676784.301	5399039.69	Block B	1a	Mafic Volcanic	OC	Foliation		200		80E		17	
98					2020TH491	23-Oct-20	TNT	676133.559	5399247.171	Block B	1a	Mafic Volcanic	OC	Foliation		210		60SE		17	
98					2020TH492	23-Oct-20	TNT	676816.758	5399264.014	Block B	1a	Mafic Volcanic	OC	Foliation		210		70SE		17	
98					2020TH493	23-Oct-20	TNT	675830.918	5398919.027	Block B	1a	Mafic Volcanic	OC	Foliation		220		60SE		17	
98					2020TH494	23-Oct-20	TNT	676028.477	5398859.25	Block B	1a	Mafic Volcanic	OC	Foliation		220		60SE		17	
98					2020TH495	23-Oct-20	TNT	676492.318	5398677.918	Block B	1a	Mafic Volcanic	OC	Foliation		220		65SE		17	
98					2020TH496	23-Oct-20	TNT	676663.945	5398647.161	Block B	1a	Mafic Volcanic	OC	Foliation		220		65SE		17	
98					2020TH497	23-Oct-20	TNT	676713.207	5398838.19	Block B	1a	Mafic Volcanic	OC	Foliation		220		65SE		17	
98					2020TH498	23-Oct-20	TNT	676441.097	5399271.309	Block B	1a	Mafic Volcanic	OC	Foliation		220		65SE		17	
99	Dave	Terry	Tim		2020TH531	26-Oct-20	TNT	661346.4741	5406759.777	Hwy Recon	5b	Granodiorite Boulders	F								
99					2020TH532	26-Oct-20	TNT	660432.3462	5404428.529	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH533	26-Oct-20	TNT	659978.3426	5404100.83	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH534	26-Oct-20	TNT	660108.0726	5403650.343	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH535	26-Oct-20	TNT	660376.0223	5403243.306	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH536	26-Oct-20	TNT	661033.4058	5403134.478	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH537	26-Oct-20	TNT	661440.9895	5403716.229	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH538	26-Oct-20	TNT	660196.6837	5402997.896	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH539	26-Oct-20	TNT	658846.7252	5402487.543	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH540	26-Oct-20	TNT	660642.0109	5404079.247	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH541	26-Oct-20	TNT	659435.5954	5405411.438	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH542	26-Oct-20	TNT	662285.8522	5406201.043	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH543	26-Oct-20	TNT	659095.1678	5405953.282	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH544	26-Oct-20	TNT	658775.5814	5405649.633	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH545	26-Oct-20	TNT	658394.1847	5405099.964	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH546	26-Oct-20	TNT	659594.6518	5411164.838	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH547	26-Oct-20	TNT	659239.3812	5412584.484	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH548	26-Oct-20	TNT	659043.9948	5412940.336	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH549	26-Oct-20	TNT	659090.9414	5413302.214	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH550	26-Oct-20	TNT	662632.3145	5406056.26	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH551	26-Oct-20	TNT	662992.3425	5405893.196	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH552	26-Oct-20	TNT	660384.8182	5406580.373	Hwy Recon	5b	Granodiorite Boulders	F							
99					2020TH553	26-Oct-20	TNT	659537.7133	5406480.378	Hwy Recon	5b	Granodiorite Boulders	F							

99					2020TH554	26-Oct-20	TNT	660052.4477	5405473.45	Hwy Recon	5b	Granodiorite Boulders	F								
99					2020TH555	26-Oct-20	TNT	660438.0628	5405080.351	Hwy Recon	5b	Granodiorite Boulders	F								
99					2020TH556	26-Oct-20	TNT	660724.2209	5404570.737	Hwy Recon	5b	Granodiorite Boulders	F								
99					2020TH563	26-Oct-20	TNT	659797.6338	5407204.866	Hwy Recon	5b	Granodiorite Boulders	F								
99					2020TH500	26-Oct-20	TNT	655054.1752	5402438.824	Hwy Recon	5b	Granodiorite	OC								
99					2020TH501	26-Oct-20	TNT	655472.3501	5402627.965	Hwy Recon	5b	Granodiorite	OC								
99					2020TH518	26-Oct-20	TNT	661207.0775	5403309.682	Hwy Recon	5b	Granodiorite	OC								
99					2020TH519	26-Oct-20	TNT	660627.7703	5402405.094	Hwy Recon	5b	Granodiorite	OC								
99					2020TH520	26-Oct-20	TNT	659709.8134	5402860.839	Hwy Recon	5b	Granodiorite	OC								
99					2020TH521	26-Oct-20	TNT	659455.7088	5402728.997	Hwy Recon	5b	Granodiorite	OC								
99					2020TH522	26-Oct-20	TNT	659830.6508	5402206.744	Hwy Recon	5b	Granodiorite	OC								
99					2020TH523	26-Oct-20	TNT	659132.7662	5402860.423	Hwy Recon	5b	Granodiorite	OC								
100	Dave	Terry	Mark		2020TH653	05-Nov-20	Terry-Mark	654255.108	5390900.358	Southern Showing	1alt, 3alt	Alt Sediments and Volcanics	OC	Foliation		290		70-SW		17	
100					2020TH654	05-Nov-20	Terry-Mark	653885.051	5391099.633	Southern Showing	1alt, 3alt	Alt Sediments and Volcanics	OC	Foliation		290		70-SW		17	
100					2020TH655	05-Nov-20	Terry-Mark	654265.667	5390722.561	Southern Showing	7a	Diabase	OC								
100					2020TH656	05-Nov-20	Terry-Mark	653980.187	5390995.263	Southern Showing	7a	Diabase	OC								
100					2020TH657	05-Nov-20	Terry-Mark	653993.432	5391001.294	Southern Showing	1a	Mafic Volcanics	OC	Foliation		290		70-SW		17	
100					2020TH658	05-Nov-20	Terry-Mark	654204.175	5390828.102	Southern Showing	1a	Mafic Volcanics	OC	Foliation		300		70-SW		17	
100					2020TH659	05-Nov-20	Terry-Mark	654379.683	5390741.375	Southern Showing	1a	Mafic Volcanics	OC	Foliation		300		70-SW		17	
100					2020TH660	05-Nov-20	Terry-Mark	654230.703	5390898.019	Southern Showing	3a	Greywacke Sediments	OC	Foliation		290		65-SW		17	
101	Dave	Andrew	Mark		2020AW1384	08-Nov-20	Andrew Mark	654243.57	5390915.388	South Showing	1H	785652	F								Float Sample; fg, dark green to grey, bedded mafic unit, containing heavy to moderate outer rusting and approximately 3% sulphides disseminated throughout. Minor amounts of intermediate tuff interbedding.
101					2020AW1370	08-Nov-20	Andrew Mark	654636.564	5390630.422	South Showing	5B	OC5B40	OC								
101					2020AW1371	08-Nov-20	Andrew Mark	654490.947	5390683.252	South Showing	1A	OC1A100	OC		mod	100	190	40		17	A100D40
101					2020AW1372	08-Nov-20	Andrew Mark	654490.776	5390681.364	South Showing	1H	785649	OC		mod	100	190	50		17	Outcrop Sample (A100 D50); fg, dark green to grey, bedded mafic unit, containing minor quartz stringers. Approximately 1-2% blebby po/py, moderate rusting.
101					2020AW1373	08-Nov-20	Andrew Mark	654447.811	5390622.229	South Showing	3A	OC3A43	OC		mod	280	10	55		17	A280D55
101					2020AW1374	08-Nov-20	Andrew Mark	654435.468	5390631.679	South Showing	3A	OC3A118	OC		mod	280	10	60		17	A280D60
101					2020AW1375	08-Nov-20	Andrew Mark	654433.908	5390629.296	South Showing	1A	OC1A138	OC		mod	290	20	60		17	A290D60
101					2020AW1376	08-Nov-20	Andrew Mark	654355.265	5390664.401	South Showing	5B	OC5B119	OC								
101					2020AW1377	08-Nov-20	Andrew Mark	654341.607	5390665.247	South Showing	7A	OC7A30	OC								
101					2020AW1378	08-Nov-20	Andrew Mark	654307.626	5390769.986	South Showing	5B	OC5B213	OC								
101					2020AW1379	08-Nov-20	Andrew Mark	654266.646	5390823.701	South Showing	4E	OC4E49	OC								
101					2020AW1380	08-Nov-20	Andrew Mark	654213.336	5390907.771	South Showing	1A	OC1A225	OC		mod	280	10	50		17	A280D50
101					2020AW1381	08-Nov-20	Andrew Mark	654242.204	5390911.351	South Showing	4E	OC4E120	OC								
101					2020AW1382	08-Nov-20	Andrew Mark	654254.599	5390892.112	South Showing	1H	785650	OC		mod	113	203	64		17	Outcrop Sample (A113 D64); fg, dark green to grey, bedded mafic unit, containing several narrow (5mm) intermediate interbeds. Approximately 3% sulphides disseminated within mafic beds. Heavy outer rusting.
101					2020AW1385	08-Nov-20	Andrew Mark	654541.814	5390878.421	South Showing	5B	OC5B310	OC								
101					2020AW1386	08-Nov-20	Andrew Mark	654552.179	5390868.814	South Showing	4E	OC4E213	OC								
101					2020AW1387	08-Nov-20	Andrew Mark	654626.291	5390875.3	South Showing	4E	OC4E310	OC								
101					2020AW1388	08-Nov-20	Andrew Mark	654646.37	5390871.405	South Showing	5B	OC5B46	OC								
101					2020AW1383	08-Nov-20	Andrew Mark	654248.899	5390901.074	South Showing	1H	785651	POC	Foliation	mod	270	360	80		17	Possible Outcrop Sample (A270 D80); fg, dark green to grey, bedded mafic unit, containing heavy to moderate outer rusting and approximately 3% sulphides disseminated throughout. Close proximity to a sediment contact (~15cm)
102	Dave	Tim	Andrew		2020AW1389	09-Nov-20	Tim Andrew	660832.073	5401904.359	Block A - 1012 Rd	5B	F5B24	F								
102					2020AW1390	09-Nov-20	Tim Andrew	660821.413	5401804.275	Block A - 1012 Rd	5E	F5E25	F								
102					2020AW1391	09-Nov-20	Tim Andrew	661219.107	5401735.058	Block A - 1012 Rd	5B	F5B1111	F								
102					2020AW1392	09-Nov-20	Tim Andrew	661315.527	5401771.654	Block A - 1012 Rd	5B	F5B25	F								
102					2020AW1393	09-Nov-20	Tim Andrew	661361.495	5402062.877	Block A - 1012 Rd	5B	F5B34	F								
102					2020AW1394	09-Nov-20	Tim Andrew	661445.173	5402612.491	Block A - 1012 Rd	5B	F5B43	F								
102					2020AW1395	09-Nov-20	Tim Andrew	661076.221	5402459.36	Block A - 1012 Rd	5E	F5E34	F								
102					2020AW1396	09-Nov-20	Tim Andrew	660793.413	5402374.474	Block A - 1012 Rd	5B	OC5B47	OC								
102					2020AW1397	09-Nov-20	Tim Andrew	660783.27	5402358.835	Block A - 1012 Rd	7A	OC7A34	OC								
103	Dave	Tim	Andrew		2020AW1398	10-Nov-20	Tim Andrew	659928.516	5402120.429	Block A - 1012 Rd	5E	F5E26	F								
103					2020AW1403	10-Nov-20	Tim Andrew	659938.631	5402448.767	Block A - 1012 Rd	5B	F5B26	F								
103					2020AW1399	10-Nov-20	Tim Andrew	660005.878	5402139.329	Block A - 1012 Rd	5A	OC5A55	OC								
103					2020AW1400	10-Nov-20	Tim Andrew	660192.752	5402114.966	Block A - 1012 Rd	5A	OC5A119	OC								

103					2020AW1401	10-Nov-20	Tim Andrew	660181.728	5402083.732	Block A - 1012 Rd	1A	OC1A	OC								
103					2020AW1402	10-Nov-20	Tim Andrew	660198.27	5402024.914	Block A - 1012 Rd	5B	OC5B48	OC								
103					2020AW1404	10-Nov-20	Tim Andrew	659698.568	5402850.281	Block A - 1012 Rd	5B	OC5B120	OC								
104	Dave	Terry	Tim	Andrew	2020AW1405	13-Nov-20	TTA	651581.012	5392154.442	K7 South Area	1B	785655	F								Float Sample; fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides disseminated throughout. ~2 cm wide band of greywacke running parallel to foliation.
104					2020AW1406	13-Nov-20	TTA	650887.824	5393563.754	K7 South Area	1B	785656	F								Float Sample (gravel pit); fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 1-2% sulphides disseminated throughout.
104					2020AW1407	13-Nov-20	TTA	650893.518	5393552.002	K7 South Area	1B	785659	F								Float Sample (gravel pit); fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 3% sulphides disseminated throughout. Smokey quartz veinlet ~1-2 cm wide with ~1% sulphides.
104					2020AW1408	13-Nov-20	TTA	650883.203	5393546.382	K7 South Area	3A	785657	F								Float Sample (gravel pit); fg to mg, grey to light grey felsic unit. Quartz stringers throughout containing ~1-2% disseminated sulphides (po and py). Moderate outer rusting.
104					2020AW1409	13-Nov-20	TTA	650883.117	5393546.827	K7 South Area	1B	785658	F								Float Sample (gravel pit); fg, dark green to grey, light green banded mafic unit, containing moderate outer rusting and approximately 1% sulphides disseminated throughout. Smokey quartz/ carb veinlet ~1-3 cm wide with ~5-10% blebby sulphides.
104					2020AW1410	13-Nov-20	TTA	650878.178	5393549.809	K7 South Area	1B	785660	F								Float Sample; fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides (py) disseminated throughout.
104					2020AW1411	13-Nov-20	TTA	650876.56	5393555.107	K7 South Area	1B	785661	F								Float Sample; fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides (py) disseminated/blebby throughout. <1cm wide quartz veinlet.
104					2020AW1412	13-Nov-20	TTA	650882.838	5393562.725	K7 South Area	3A	785662	F								Float Sample (gravel pit); fg to mg, grey to light grey felsic unit. Quartz stringers throughout containing ~3-5% disseminated sulphides (po and py). Heavy outer rusting.
104					2020AW1413	13-Nov-20	TTA	650897.591	5393567.457	K7 South Area	1B	785663	F								Float Sample; fg, dark green to grey, light green banded mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides (py) disseminated/blebby throughout.
104					2020AW1414	13-Nov-20	TTA	650896.56	5393570.217	K7 South Area	1B	OC1B4B	OC		mod	160	250	70		17	1B INTRUDED BY 4B A160 D70

Dave	76	Andrew	32	Andrew	5	Andrew	19		Andrew	56
		Mike	0	Mike	12	Mike	0		Mike	12
		Dave	7	Dave	0	Dave	0		Dave	7
		Terry	58	Terry	1	Terry	0		Terry	59
		Tim	7	Tim	57	Tim	0		Tim	64
		Beau	0	Beau	27	Beau	0		Beau	27
		Mark	0	Mark	2	Mark	0		Mark	2

Appendix F – Rock Sample Descriptions and Assays

Sample #	Date	Sampler	Easting	Northing	Zone/Area	Rock Type Code	Description	Au ppb	Au grav	Li
							Unit Symbol	ppb		ppm
							Detection Limit	5		0.5
							Analysis Method	FA-AA		TD-MS
								Anomalous		
784401	**July 07-20**	TNT	658493	5396778	TT8-Kaby	3A	greywacke Sediment. 10-20% qtz Vein in sample. 0.5-1% pyrite	< 5		29.4
784402		TNT	658460	5396738	TT8-Kaby	3A	silicified altered greywacke sedimnet **FLOAT.** Small qtz vein stringers. 0.5-1% pyrite.	< 5		69.9
784403		TNT	658467	5396605	TT8-Kaby	3A	sediment. small qv in sample. Trace of pyrite	< 5		139
784404		TNT	658478	5396556	TT8-Kaby	3A	rusty brown sediment. wkly silicified and altered. Trace of pyrite	119		51.7
784405	**July 09-20**	TNT	658711	5397903	Smokin' Aces-Pit	3a	mineralized/silicified greywacke sediment. 1-2% pyrite.	429		9.7
784406		TNT	658726	5397915	Smokin' Aces-Pit	4E	granite-pegmetite dyke. 10% qv. Cpy in fractures. 1% pyrite	16		6.2
784407		TNT	659368	5397997	TT8-Kaby	3a	wkly sheared and altered sediment. Small qv stringers with trace amount of sulphides.	< 5		17.8
784408		TNT	659731	5398333	TT8-Kaby	3d	small rusty I.F. zone. Silicified with small qv stringers. 1-2% vfg py-po.	< 5		9.8
784409		TNT	659731	5398333	TT8-Kaby	3d	small rusty I.F. zone. Silicified with small qv stringers. 1-2% vfg py-po.	9		7.3
784410	**July 10-20**	TNT	659174	5397442	TT8-Kaby	3d	wkly sheared and altered sediment. Small qv stringers with trace amount of sulphides.	< 5		22.8
784411		TNT	659095	5397218	TT8-Kaby	3d	wkly sheared and altered sediment. Small qv stringers with trace amount of sulphides.	5		36
784412		TNT	659097	5397173	TT8-Kaby	3d	wkly sheared and altered sediment. Small qv stringers with trace amount of sulphides.	5		27.1
784413		TNT	659089	5397186	TT8-Kaby	3d	wkly sheared and altered sediment. Small qv stringers with trace amount of sulphides.	6		29.3
784414	**July 13-20**	TNT	659678	5398806	TT8-Kaby	3d	silicified altered greywacke sedimnet Zone, rusty outcrop. Small qtz vein stringers with trace amounts of sulphides. Striking N-S, dipping 10 E	< 5		36.9
784415		TNT	659678	5398806	TT8-Kaby	3d	silicified altered greywacke sedimnet Zone, rusty outcrop. Small qtz vein stringers with trace amounts of sulphides. Striking N-S, dipping 10 E	< 5		66.9
784416		TNT	659679	5398806	TT8-Kaby	3d	silicified altered greywacke sedimnet Zone, rusty outcrop. Small qtz vein stringers with trace amounts of sulphides. Striking N-S, dipping 10 E	< 5		58.8
784417	**July 14-20**	TNT	660392	5396961	TT8-Kaby	5b-qv	small qtz vein in a grano diorite. Tr pyrite	< 5		32
784418		TNT	660461	5397065	TT8-Kaby	5b-qv	altered grano diorite with qtz. Rusty brown colour. Trace of pyrite	< 5		3.3
784419		TNT	660452	5397221	TT8-Kaby	5b-qv	altered grano diorite with qtz. Rusty brown colour. Trace of pyrite	< 5		2.8
784420	July 23-20	TNT	658984	5396686	Sleeper Zone	1a	mafic volcanic. Wall rock to silicified zone. I.F? 0.5-1% py-po	< 5		61.2
784421		TNT	658984	5396686	Sleeper Zone	3d	silicified alt I.F. Mod to strong mag, 10% pyrrhotite and pyrite, trace oF cpy-sph. SHOWING B	< 5		29.2
784422		TNT	658984	5396686	Sleeper Zone	1A	mafic volcanic. Wall rock to silicified zone. I.F? 2-3% py-po	< 5		49.7
784423		TNT	658984	5396686	Sleeper Zone	3D	silicified alt I.F. Mod to strong mag, 5-10% pyrrhotite and pyrite, trace oF cpy-sph. SHOWING B	< 5		23.3
784424	JULY 24-20	TNT	659877	5398441	TT8-Kaby	1alt	small rusty silicified zone in a mafic volcanic. 1% sulphides	7		10.4
784425		TNT	659893	5398436	TT8-Kaby	1alt	silicified /mineralized zone in a mafic volcanic. 3-5% diss sulphides py-po. Azi 60 Dip 20-30 deg SE. Small qtz vein stringers, very weathered and rusty bleeched colour.	6		11.7
784426		TNT	659892	5398434	TT8-Kaby	1alt	silicified /mineralized zone in a mafic volcanic. 3-5% diss sulphides py-po. Azi 60 Dip 20-30 deg SE. Small qtz vein stringers, very weathered and rusty bleeched colour.	< 5		11.2
784427		TNT	659891	5398435	TT8-Kaby	1alt	silicified /mineralized zone in a mafic volcanic. 3-5% diss sulphides py-po. Azi 60 Dip 20-30 deg SE. Small qtz vein stringers, very weathered and rusty bleeched colour.	< 5		4.5
784428		TNT	660027	5398540	TT8-Kaby	1alt	small rusty silicified zone in a mafic volcanic. Trace amounts of pyrite	< 5		19.7
784429		TNT	660019	5398537	TT8-Kaby	1alt	rusty altered mafic volcanic with 10% qtz stringers. 1% py-po-cpy	< 5		23
784430	July 27-20	TNT	657510	5397978	TT8-Kaby	3a	small qtz vein in a sediment. 0.5% moly. trace of pyrite	15		15.9
784431	July 28-20	TNT	658525	5399250	TT8-Kaby	3a	sediment. 0.5% pyrite	< 5		94.7
784432		TNT	658727	5399768	TT8-Kaby	3a	small qtz vein in a sediment. trace of pyrite	< 5		3.6
784433		TNT	658587	5399695	TT8-Kaby	3J	qtz cabonate/calcite vein. Subcrop or float. Possible frost heave. Trace of pyrite	< 5		34.7
784434		TNT	658580	5399710	TT8-Kaby	3J	qtz cabonate/calcite vein. Subcrop or float. Possible frost heave. Trace of pyrite	< 5		23.7
784435	July 29-20	TNT	658716	5397849	**Smokin' Aces**	1alt-Qv	small mineralized qtz vein in an mafic volcanic shear. 3-5% sulphides, Py-po-cpy with VISIBLE GOLD.	> 10000	**80.9**	8.7
784436		TNT	658716	5397849	**Smokin' Aces**	1alt-Qv	small mineralized qtz vein in an mafic volcanic shear. 3-5% sulphides, Py-po-cpy with VISIBLE GOLD.	> 10000	**71.9**	7
784437		TNT	658716	5397849	**Smokin' Aces**	1alt-Qv	small mineralized qtz vein in an mafic volcanic shear. 3-5% sulphides, Py-po-cpy with VISIBLE GOLD. (mine sample)		**64.71**	
784438		TNT	658724	5397909	Smokin' Aces-Pit	1alt-Qv	small qtz vein stringers in a sheared altered mavic volcanic shear. 1-2% py-po	216		9.6
784439		TNT	658723	5397907	Smokin' Aces-Pit	1alt-Qv	rusty altered mafic volcanic with 10% qtz stringers. 1-2% py-po	138		13.3
784440		TNT	658712	5397915	Smokin' Aces-Pit	1alt-Qv	small qtz vein stringers in a sheared altered mavic volcanic shear. 3-5% py-po	222		9.9
784441	July 30-20	TNT	658672	5397663	TT8-Kaby	1a	mafic volcanic. 1% pyrite-po	295		38.9
784442		TNT	658716	5397849	**Smokin' Aces**	1alt	altered mafic volcanic. Hangin wall sample to VG qtz vein. 1% sulphides	313		12.1
784443		TNT	658716	5397849	**Smokin' Aces**	1alt	altered mafic volcanic. foot wall sample to VG qtz vein. 1% sulphides	1950		11.7
784444		TNT	658778	5398057	TT8-Kaby	1alt	mafic volcanic and Sediment contact rusty shear. Tiny qtz vein stringers. 1% py-po	82		50.9
784445		TNT	658653	5398037	TT8-Kaby	3a	qtz blowout in a greywacke sediment. Trace of pyrite.	7		16.3
784446		TNT	627519	5383917	TT8-Kaby		***Standard 215***	3770		20.1
784447		TNT	627519	5383917	TT8-Kaby		***blank***	< 5		48.6
784448		TNT	658557	5397997	TT8-Kaby	3a-qv	qtz vein in a sheeared greywacke sediment. (float or sub-crop). 1-2% pyrite	5		36.6
784449	Aug 4-20	Terry Beau	659259	5399230	TT8-Kaby	5b-alt	altered/mineralized grano diorite. 1-2% diss pyrite	8		53.9
784450	Aug 6-20	Terry Beau	658713.057	5397913.316	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10-20% qtz vein stringers and 2-3% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	447		13.3
784451		Terry Beau	658714.608	5397912.632	Smokin' Aces-Pit Channel	3a	greywacke Sediment. 1% sulphides	43		31.1
784452		Terry Beau	658715.81	5397911.357	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10-20% qtz vein stringers and 2-3% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	55		13
784453		Terry Beau	658716.785	5397911.876	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5-10% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	57		15.2
784454		Terry Beau	658717.405	5397911.88	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 2-3% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	25		14.5
784455		Terry Beau	658718.55	5397911.554	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 2-3% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	34		14.1
784456		Terry Beau	658721.093	5397910.495	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	27		16.5
784457		Terry Beau	658721.787	5397909.402	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5-10% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	35		16.3
784458		Terry Beau	658722.45	5397908.612	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 2-3% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	22		16.3
784459		Terry Beau	658723.265	5397908.526	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5-10% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	23		13
784460		Terry Beau	658725.089	5397908.343	Smokin' Aces-Pit Channel	3a	greywacke Sediment. 5% sulphides	205		48.3
784461		Terry Beau	658727.012	5397907.835	Smokin' Aces-Pit Channel	3a	greywacke Sediment. 1-2% sulphides	330		31.6
784462		Terry Beau	658728.057	5397907.347	Smokin' Aces-Pit Channel	3a	greywacke Sediment. 1-2% sulphides	274		30.3
784463		Terry Beau	658728.267	5397907.75	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	124		12
784464		Terry Beau	658728.926	5397907.238	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	18		15.9
784465		Terry Beau	658731.011	5397907.121	Smokin' Aces-Pit Channel	1a	Mafic Volcanics, 10 % qtz vein stringers and 5% diss and stringer sulphides, mainly pyrrhotite in mafics and more pyrite in qtz stringers. Moderate magnetic.	16		14
784466			627519	5383917			***Blank***	8		44.1
784467			627519	5383917			***Standard 210***	5390		13.2
784468	Aug 19-20	TNT	659773	5398275	Roberts Road	1alt	altered/silicified mafic volcanic SUBCROP FLOAT. 1-2% pyrite	< 5		8.6
784469		TNT	659540	5397870	Roberts Road	3a	altered/mineralized sediment. 3-5% pyrite-pyrrhotite	< 5		34.5
784470	Aug 24-20	TNT	658593	5396288	Roberts Road	1a	mafic volcanic. 1% sulphides. Small qtz vein stringer. Moderate shear.	14		26.9
784471		TNT	658567	5396901	Roberts Road	3a	greywacke sediment. Trace amounts of pyrite	< 5		16.5
784472		TNT	658504	5397103	Roberts Road	3alt	altered/sheared sediment. 10% qtz vein in sample. 1% pyrite	< 5		22.7
784473		TNT	658495	5397119	Roberts Road	3alt	sheared greywacke. Rusty outcrop. 3% diss sulphides. Wkly magnetic	< 5		58.6
784474		TNT	658494	5397119	Roberts Road	1alt	sheared/altered mafic volcanic. Rusty outcrop. 3% diss sulphides. Wkly magnetic	< 5		91.9
784475		TNT	658494	5397118	Roberts Road	qv	small qtz vein in a sed shear. Trace amounts of pyrite	< 5		8.5
784476		TNT	658494	5397118	Roberts Road	3alt	sheared altered sediment. 1-2% diss pyrite	< 5		62.5
784477	Aug 26-20	TNT	654967	5390504	RD 500	1alt-qv	altered qtz blowout in a mafic tuff. Trace amounts of pyrite	69		19.2
784478		TNT	654921	5390555	RD 500	1a	Mafic FLOAT. Wkly sheared and altered. 1% sulphides	< 5		40.8
784479		TNT	654895	5390565	Southern	3a	silicified sediment FLOAT. 1-2% pyrite	1440		42.4
784480		TNT	654777	5390606	RD 500	1alt	sheared mafic tuff on contact with sediment. 10% qtz vein stringers. 1% pyrite	20		32.1
784481		TNT	654777	5390606	RD 500	3alt	altered sediment with 10% qvs. Trace amounts of pyrite	22		21.9
784482		TNT	654779	5390576	Southern	1alt	altered mafic tuff with 10% qvs. Trace amounts of pyrite	1400		42.6
784483		TNT	654585	5390693	RD 500	1alt	moderately altered/sheared mafic tuff with 10% qvs. 1% sulphides	17		45.4
784484		TNT	654552	5390685	RD 500	1alt	moderately altered/sheared mafic tuff with 10% qvs. 1-2% sulphides	9		32.8
784485		TNT	654552	5390685	RD 500	1alt	moderately altered/sheared mafic tuff with 10% qvs. 1-2% sulphides	11		59.3
784486		TNT	654551	5390684	RD 500	1alt	moderately altered/sheared mafic tuff with 10% qvs. 1-2% sulphides	26		44.4
784487	Aug 31-20	TNT	654002	5390883	RD 500	1alt	mafic tuff. Wkly silicified and altered. 1% sulphides	< 5		31.7
784488		TNT	653653	5390886	RD 500		I Forgot to write Description!!??	6		56.3
784489		TNT	627519	5383917			***Standard 215***	3780		18.6
784490		TNT	627519	5383917			***blank***	9		39
784491	Sept 01-20	TNT	653644	5391274	RD 500	3alt	altered greywacke sed. 10% qvs. Trace amounts of pyrite	< 5		13.5
784492		TNT	653644	5391274	RD 500	1alt	alt mafic tuff with 10% qtz vein stringers. Moderately sheared. 1% pyrite	6		18.8
784493		TNT	653647	5391278	RD 500	1H	mafic tuff with 20% qtz vein. Trace amounts of pyrite	< 5		17.5
784494		TNT	653644	5391267	RD 500	1H	mafic tuff. Wkly silicified with 3% sulphides	71		23.3
784495		TNT	653641	5391265	RD 500	1alt	altered mafic tuff with 30% qtz vein. 1-2% pyrite	69		20.4
784496		TNT	653640	5391262	RD 500	1H	wkly sheared and altered mafic tuff. Small qv stringers with 2% sulphides.	10		19.4
784497	Sept 04-2020	TNT	656375	5390444	RD 500	1alt	mod sheared altered mafic volcanic. Wkly silicified. Trace amounts of pyrite	< 5		21
784498	Sept 17-2020	TNT	658414	5394248	RD 500	3a	moderately sheared sediment. Trace amounts of pyrite. 10% qtz vein	5		
784499	Spt 21-2020	TNT	675375	5395064	Block B	1a	small qtz vein stringers in a mafic volcanic shear. Trace of pyrite	< 5		
784500		TNT	674496	5395004	Block B	4E	qtz pegmetite. Trace amounts of pyrite	< 5		
785501	Jul-08-20	Andrew-Mike	658966	5396598	TT8	1A	Outcrop sample (AZ 360 Dip 10). fg, dark grey to green mafic rock with rusted banding throughout portions of the rock face.	< 5		66.1
785502	Jul-10-20	Andrew-Mike	658760	5396261	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py with moderate rusting.	117		23.3
785503	Jul-10-20	Andrew-Mike	658854	5395900	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py with moderate rusting.	46		40.8
785504	Jul-11-20	Andrew-Mike	658552	5396062	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. Up to 1% disseminated py with moderate rusting.	17		19.1
785505	Jul-11-20	Andrew-Mike	658549	5396063	TT8	QV	Float Sample. Cg quartz vein within a granite/granodiorite host rock. Quartz contains minor amounts of rusting and sulphides (<1%).	< 5		10.5
785506	Jul-11-20	Andrew-Mike	658613	5395696	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides.	< 5		55.1
785507	Jul-11-20	Andrew-Mike	658602	5395702	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with 1-2% sulphides within minor quartz stringers.	< 5		38.6
785508	Jul-12-20	Andrew-Mike	658968	5396448	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit. <1% disseminated py within minor quartz veinlets.	< 5		47.3
785509	Jul-12-20	Andrew-Mike	658965	5396436	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides associated with silicification.	< 5		24.9
785510	Jul-12-20	Andrew-Mike	658967	5396436	TT8	1A	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides associated with silicification.	< 5		19.4
785511	Jul-12-20	Andrew-Mike	658974	5396698	TT8	QV	Float Sample. Fg to mg, dark green to dark grey, massive mafic flow unit with heavy rusting and up to 5% sulphides (po, py, and cpy) associated with silicification.	< 5		20.2
785512	Jul-12-20	Andrew-Mike	658615	5397961	TT8	QV	Float Sample. Quartz vein following a 1A/5B contact with in the host rock. Minor rusting and <1% mo.	5		43.5
785513	Jul-13-20	Andrew-Mike	657472	5395695	TT8	QV	Float Sample. Cg smokey grey quartz vein within greywacke host rock. Minor rusted weathering.	< 5		22.4
785514	Jul-13-20		627519	5383917			STD 210	5190		13.9
785515	Jul-13-20		627519	5383917			Blank	< 5		44.5
785516	Jul-15-20	Andrew-Terry-Tim	658434	5398064	TT8	3A	Outcrop Sample (AZ 20, D20). Silicified greywacke with up to 1% sulphides disseminated throughout. Moderate amount of shearing/bedding.	< 5		97.3
785517	Jul-15-20	Andrew-Terry-Tim	658434	5398064	TT8	QV	Outcrop Sample; QV in greywacke outcrop. Cg, smokey, <1% disseminated sulphides, minor rusting. ~5cm wide.	< 5		39.7

Analyte Symbol	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S	Pt	Pd
Unit Symbol	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%		
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01		
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP		
													100				2		200				200		45						10														200									25								
784401	2.89	0.82	6.41	1.08	2.05	< 0.1	30	36	236	1.77	1.9	30	26.4	0.3	0.7	< 0.1	0.06	1.43	5.7	0.41	2.75	0.4	27	14.2	1.1	20.5	2.5	417	65	1.6	1.5	< 0.1	< 1	< 0.1	< 0.1	685	8.4	20	2.1	7.9	1.6	0.8	0.1	0.6	13.9	0.3	< 0.1	0.2	< 0.1	0.1	0.2	< 0.001	0.09	5.4	3	1.9	0.7	0.134	0.039	0.15		
784402	> 3.00	0.73	8.23	1.32	1.9	< 0.1	42	17	378	2.42	1.3	30	9.2	0.6	1.4	0.2	0.09	3.25	2.4	0.55	0.4	0.7	31.5	20.2	1.2	70.7	4.7	456	41	3.4	1.13	< 0.1	< 1	< 0.1	< 0.1	371	8.7	18.6	2.7	11	2.5	1.5	0.2	1.2	32.6	0.5	< 0.1	0.5	< 0.1	0.5	0.4	< 0.001	0.44	4.6	4	3.4	1	0.139	0.051	0.07		
784403	> 3.00	1.01	8.25	1.79	2.13	< 0.1	56	22	413	2.85	3.6	20	11.6	0.7	1.3	0.3	0.1	7.27	8.1	0.77	0.18	0.4	65.3	20.1	0.6	98.3	7	672	122	3.4	2.82	< 0.1	1	< 0.1	< 0.1	810	13.6	36.6	3.6	13.5	2.4	2	0.3	1.6	30	0.3	< 0.1	0.7	< 0.1	0.3	0.2	< 0.001	0.68	8.9	6	4.5	4.1	0.249	0.084	0.04		
784404	1.29	0.96	6.23	1.27	1.84	< 0.1	45	24	357	2.5	2.3	10	11.7	0.4	0.7	0.1	0.22	4.2	4.8	0.44	0.23	0.6	28.2	11.3	0.6	59.7	4	128	82	3.9	4.58	< 0.1	1	< 0.1	0.1	729	8.3	19.3	2.2	7.7	1.4	0.8	0.1	0.8	34.9	0.2	< 0.1	0.5	< 0.1	0.2	5.2	< 0.001	0.42	3.9	4	4.1	0.7	0.17	0.09	0.38		
784405	0.9	1.58	4.2	0.34	4.64	0.4	212	64	893	13.1	0.6	30	167	2.6	0.2	0.9	1.82	0.41	122	1.3	1.63	14.4	196	14.6	1.1	15.2	23.4	179	14	2	5.25	0.1	< 1	< 0.1	1.6	67	4.5	11.2	1.6	8.5	2.2	3.4	0.6	4.3	1660	0.2	0.4	2.5	0.3	0.1	1.6	0.022	0.89	62.5	20	0.2	0.1	0.413	0.028	7.63		
784406	> 3.00	0.05	6.52	1.82	1.02	< 0.1	5	14	96	4.06	2.2	40	65.8	0.2	2.3	< 0.1	0.55	2.22	52.3	0.2	0.66	3.5	5.4	16.9	0.8	67.3	1.6	308	63	1.2	2.21	< 0.1	< 1	< 0.1	0.4	92	3.2	7.5	0.9	3.2	0.3	0.4	< 0.1	0.3	900	0.2	< 0.1	0.2	< 0.1	0.2	0.2	0.001	0.36	12.5	< 1	1.2	1	0.0224	0.001	3.25		
784407	1.44	1.48	7.58	0.29	9.69	0.2	160	28	1800	6.33	0.5	60	32.6	2	0.6	0.6	0.21	1.05	30.7	0.83	4.3	0.9	52.8	26.8	0.5	39.3	16.3	330	11	0.2	0.82	< 0.1	< 1	< 0.1	0.1	62	5.7	11.4	1.5	7	2	2.5	0.5	3	162	0.4	0.3	2	0.3	< 0.1	0.1	< 0.001	0.17	3.3	23	0.3	0.7	0.189	0.058	0.18		
784408	1.63	1.5	6.23	0.38	5.87	0.4	107	93	918	4.62	1.2	30	52	1	0.9	0.3	0.07	3.55	21.4	0.64	0.34	0.6	314	16.5	0.7	23.3	8.5	258	47	0.8	1.47	0.2	2	< 0.1	0.1	178	11.2	21.4	2.3	8.3	1.5	1.7	0.2	1.6	81	0.3	0.2	1	0.2	< 0.1	0.2	< 0.001	0.12	5.7	13	2.1	0.6	0.191	0.021	0.09		
784409	1.05	0.87	4.41	0.65	5.08	5.3	78	45	941	7.07	1.6	40	64.2	0.7	0.8	0.3	0.71	1.8	55.2	0.73	1.29	4.9	1290	15.4	0.8	37.9	7.1	273	56	2.5	3.65	0.5	2	< 0.1	0.7	121	15.1	32.5	3.6	14.4	2.6	2.1	0.2	1.5	973	0.2	< 0.1	0.8	0.1	0.2	0.6	0.003	0.27	6.6	8	3.2	0.9	0.158	0.076	2.36		

785639	Oct-22-20	TTA	654778	5390609	Block A	3A	Outcrop Sample (A110 D70); fg/mg, grey, silicified greywacke with up to 10% biotite speckled throughout. Sample contains 2-3 blebby sulphides and a boudinaged quartz vein (5cm across). Located ~20 cm down strike from 785638.		18			53.4	> 3.00	0.28	7.24	0.73	1.47	< 0.1	21	15	273	1.47	1.7	110	6.2	0.3	1.6	< 0.1	0.17	9.28	3.8	0.37	0.07	0.2	47.3	18.2	0.9	47.2	2.9	431	58	4.2	0.32	< 0.1	1	< 0.1	< 0.1	521	7.1	16.8	1.7	6.4	1.1	0.8	0.1	0.5	15.1	0.1	< 0.1	0.3	< 0.1	0.2	0.2	< 0.001	0.45	10.5	3	3.1	0.8	0.121	0.021	0.08		
785640	Oct-22-20	TTA	654778	5390608	Block A	1H	Outcrop Sample (A110 D80); fg, dark green to grey, bedded mafic unit, containing ~3% disseminated sulphides. Sample taken in close proximity to a greywacke contact.		16			25.2	2.42	1.78	7.47	0.59	6.91	0.5	165	112	1520	7.62	0.9	50	83	2.5	1	0.8	0.48	1.15	43.5	0.96	0.74	0.5	399	20.3	0.6	17.2	21.4	461	20	1.4	1.08	< 0.1	< 1	< 0.1	< 0.1	214	6.9	16.5	2.2	9.5	2.9	3.5	0.6	3.8	143	0.5	0.3	2.4	0.4	< 0.1	0.2	< 0.001	0.13	5.1	37	1.8	1	0.409	0.034	0.82		
785641	Oct-22-20	TTA	654574	5390694	Block A	1H	Outcrop Sample (A90 D80); fg, dark green to grey, bedded mafic unit, containing trace disseminated sulphides. Quartz vienlet runs through sample running parallel to foliation that is ~1cm wide containing up to 5% blebby py.		6			39.3	1.53	2.81	7.07	0.51	8.4	0.2	210	107	1660	9.62	0.6	40	82	2.6	1.1	0.8	0.15	0.43	48.5	0.97	0.54	0.3	123	19.4	0.5	11.2	23	184	11	0.2	0.33	< 0.1	< 1	< 0.1	< 0.1	80	3.9	10.5	1.6	8.1	2.8	3.5	0.6	3.9	97.2	0.5	0.3	2.5	0.4	< 0.1	< 0.1	0.001	0.1	4.1	40	0.4	0.4	0.325	0.028	0.15		
785642	Oct-22-20	TTA	654780	5390577	Block A	1H	Outcrop Sample (A120 D75); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 5% sulphides in stringers, and trace sulphides in host rock with moderate amounts of rusting. Same sample location as 784482		35			23.4	0.62	1.17	5.27	0.15	8.08	0.1	218	100	1130	6.96	0.7	60	29.2	2.8	0.3	0.8	0.35	0.58	30.5	2.07	1.8	1	45.5	19.2	0.8	5.3	25	159	16	0.5	0.62	0.2	2	< 0.1	< 0.1	34	6.1	14.2	1.9	9.8	3.3	4.2	0.7	4.2	275	0.3	0.4	2.5	0.4	< 0.1	0.2	0.003	0.05	2.4	27	0.2	0.2	0.444	0.023	0.44		
785643	Oct-22-20	TTA	654796	5390575	Block A	1H	Outcrop Sample (A120 D65); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 2-3% sulphides in stringers, and trace sulphides in host rock.		14			41.1	1.33	2.06	6.23	0.28	8.63	0.2	175	107	1450	8.62	0.6	30	54.3	2.5	0.3	0.8	0.44	0.28	60.6	0.91	1.09	0.7	64.5	16	0.5	8	21.4	146	10	0.1	0.18	< 0.1	< 1	< 0.1	< 0.1	88	3.8	10	1.5	7.5	2.3	3.3	0.6	3.7	489	0.3	0.3	2.4	0.3	< 0.1	< 0.1	0.002	0.08	2.9	36	0.3	0.1	0.319	0.033	0.62		
785644	Oct-22-20	TTA	654803	5390573	Block A	1H	Outcrop Sample (A120 D65); fg, dark green to grey, bedded mafic unit, containing quartz stringers throughout. Approximately 1-2% sulphides disseminated within stringers, moderate rusting, and trace sulphides in host rock.		12			48.9	1.54	2.67	7.05	0.33	9.44	< 0.1	258	108	1700	10	0.7	20	47.3	2.6	0.3	0.8	0.23	0.38	53.8	0.9	0.35	0.5	82	18.5	0.7	11.2	22.2	143	12	0.2	0.23	< 0.1	< 1	< 0.1	< 0.1	61	3.6	10	1.5	7.6	2.6	3.3	0.6	3.9	205	0.3	0.4	2.6	0.4	< 0.1	< 0.1	0.001	0.09	1.6	41	0.3	< 0.1	0.313	0.024	0.21		
785645			627519	5383917			BLANK		< 5			44.7	2.75	0.11	7.52	2.34	1.15	< 0.1	11	11	174	1.3	4	30	1.3	0.5	1	0.2	0.14	1.7	2	0.56	0.05	< 0.1	39.2	16.4	0.4	86.9	5.3	105	122	5.8	0.2	< 0.1	2	< 0.1	< 0.1	690	26.4	54.3	5.2	17.1	2.4	2.1	0.2	1.1	4.5	< 0.1	< 0.1	0.5	< 0.1	0.2	0.1	< 0.001	0.71	16.2	3	9.8	0.8	0.111	0.016	< 0.01		
785646			627519	5383917			STD 216		6540			26.7	1.45	4.32	5.62	0.64	4.74	0.3	173	360	860	5.42	1.4	40	166	1.4	0.5	0.4	1.4	0.55	35.9	0.53	0.53	0.6	76.8	12.8	56.2	23.1	11.7	86.2	45	2.2	4.86	< 0.1	< 1	0.7	0.3	231	5.4	11.3	1.4	5.8	1.6	1.9	0.3	2.1	124	0.1	0.2	1.3	0.2	0.1	10.1	0.003	0.18	34.1	26	1.4	0.4	0.31	0.029	0.75		
785647	Nov-02-20		627519	5383917			STD 210		5500			15.1	1.45	3.35	6.34	0.81	6.43	0.8	179	143	4290	13.2	2	60	121	2.8	1	0.9	1.25	3.39	39.1	1.4	0.22	2.4	134	18.3	3960	26.2	26.6	282	84	2.5	3.75	< 0.1	1	5	0.1	217	21.4	35.8	5.5	22.4	5.4	5.4	0.9	5.1	192	0.2	0.4	2.3	0.3	< 0.1	2	0.003	0.17	11.5	20	4.1	1.7					
785648	Nov-02-20		627519	5383917			BLANK		< 5			54.3	2.91	0.17	8.21	3.5	1.3	0.4	14	11	227	1.61	0.3	60	1.7	0.8	1.3	0.2	0.13	1.92	2.1	0.61	0.08	< 0.1	44.3	19.5	1.4	125	7	126	24	2.6	0.37	< 0.1	< 1	< 0.1	< 0.1	886	33.9	69.5	6.8	21.9	3.5	2.4	0.3	1.4	6.3	< 0.1	0.1	0.7	0.1	< 0.1	1.3	< 0.001	0.82	19.3	3	13	1					
785649	Nov-08-20	AM	654491	5390681	Block A	1H	Outcrop Sample (A100 D50); fg, dark green to grey, bedded mafic unit, containing minor quartz stringers. Approximately 1-2% blebby po/py, moderate rusting.		8			8	39.9	1.69	2.94	8.22	0.48	9.98	0.4	245	90	1880	9.51	0.9	40	94.6	3.4	0.5	1	0.09	1.04	46.8	0.89	0.32	< 0.1	86.4	19.5	0.7	7.2	26.4	208	16	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	98	4.7	12.3	1.8	9.4	2.6	3.6	0.8	4.9	58.8	0.1	0.5	3.1	0.5	< 0.1	< 0.1	< 0.001	0.06	2	42	0.4	0.1	0.274	0.026	0	
785650	Nov-08-20	AM	654254	5390902	Block A	1H	Outcrop Sample (A113 D64); fg, dark green to grey, bedded mafic unit, containing several narrow (5mm) intermediate interbeds. Approximately 3% sulphides disseminated within mafic beds. Heavy outer rusting.		22			22	36.1	2.06	2.82	7.5	0.54	8.13	0.6	247	106	1680	9.16	0.8	30	124	3.1	0.5	1	0.42	0.49	52.7	0.89	0.6	0.3	117	19.4	0.4	8.1	24.1	549	14	0.7	0.54	< 0.1	< 1	< 0.1	< 0.1	109	5.2	13.3	1.9	9.1	2.6	3.5	0.7	4.5	153	0.2	0.4	2.8	0.4	< 0.1	< 0.1	< 0.001	0.11	5	39	0.4	0.2	0.377	0.032	0.8	
785651	Nov-08-20	AM	654249	5390901	Block A	1H	Possible Outcrop Sample (A270 D80); fg, dark green to grey, bedded mafic unit, containing heavy to moderate outer rusting and approximately 3% sulphides disseminated throughout. Close proximity to a sediment contact (~15cm)		42			42	25.6	2.35	2.35	7.25	0.97	6.67	1	234	101	1470	7.86	0.9	20	24.1	2.7	1	0.8	0.6	1.18	32.6	0.78	1.32	0.5	205	20.1	1.2	21.1	22	337	21	0.7	1.06	< 0.1	< 1	< 0.1	< 0.1	403	7.5	15.5	2	8.8	2.5	3	0.6	3.9	92	0.4	0.4	2.5	0.3	< 0.1	< 0.1	< 0.001	0.15	5.7	37	1	0.4	0.436	0.034	0.7	
785652	Nov-08-20	AM	654244	5390915	Block A	1H	Float Sample; fg, dark green to grey, bedded mafic unit, containing heavy to moderate outer rusting and approximately 3% sulphides disseminated throughout. Minor amounts of intermediate tuff interbedding.		16			16	32.2	2.72	2.01	7.75	1.37	5.47	0.7	207	86	1250	7.11	1.6	60	52.7	2.1	1	0.6	0.52	1.53	34.8	0.78	0.59	0.3	135	20.1	0.9	33.3	16.2	492	50	2.6	0.98	< 0.1	< 1	< 0.1	< 0.1	592	13.1	27.9	3.4	13.4	2.6	2.9	0.5	3.2	106	0.3	0.3	2	0.3	< 0.1	0.4	< 0.001	0.26	7.4	29	2.1	1.1	0.448	0.041	0.8	
785653			627519	5383917			BLANK		14			14	48.4	2.75	0.13	7.71	2.24	1.15	0.4	11	7	189	1.39	4.7	60	1.6	0.6	1.2	0.2	0.12	1.77	1.7	0.51	0.06	< 0.1	37.4	16.7	1	102	6.1	107	151	5.9	0.31	< 0.1	2	< 0.1	< 0.1	736	27.2	56.3	5.5	18.2	2.8	2	0.3	1.3	2.6	< 0.1	< 0.1	0.6	< 0.1	0.1	< 0.1	< 0.001	0.72	17.4	2	11	0.9	0.108	0.017	< 0.01	
785654			627519	5383917			STD 215		3550			3550	20.3	1.93	4.43	6.81	0.53	6.1	0.5	150	306	1170	7.23	1.1	100	140	2.1	0.4	0.7	0.9	0.38	41.4	0.64	0.34	0.2	86.8	15	19.9	16.3	17.4	101	33	0.2	0.44	< 0.1	< 1	< 0.1	< 0.1	228	4.9	11.1	1.5	7.1	1.9	2.5	0.5	3.3	153	0.2	0.3	2	0.3	< 0.1	< 0.1	0.002	0.12	23.8	33	1	0.3	0.244	0.029	0.4	
785655	Nov-13-20	TTA	651581	5392154	Block A	1B	Float Sample; fg, dark green to grey, mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides disseminated throughout. ~ 2cm wide band of greywacke running parallel to foliation running through sample.		< 5			68.8	2.63	2.69	7.53	0.58	6.75	0.6	262	103	1340	8.1	0.9	30	79.6	2.3	1.8	0.7	0.81	3.19	41.1	1.22	2.29	0.8	98.6	24	1.5	30.5	20.2	> 1000	21	4.2	6.83	< 0.1	2	0.2	0.2	157	15.2	42.4	5.6	24	4.5	4	0.7	3.9	71.2	0.1	0.3	2.1	0.3	0.3	1.3	0.002	0.25	5.9	31	0.9	0.5	0.523	0.094	2.75		
785656	Nov-13-20	TTA	650888	5393564	Block A	1B	Float Sample; fg, dark green to grey, mafic unit, containing heavy to moderate outer rusting and approximately 1-2% sulphides disseminated throughout.		< 5			164	1.89	2.42	7.68	0.53	9.41	0.4	230	110	1750	10.8	0.7	30	79.4	3.9	0.6	1.1	0.24	0.24	51.2	0.97	1.34	0.3	84.9	21.2	1.3	14.6	31.1	264	14	0.3	0.12	< 0.1	< 1	< 0.1	< 0.1	160	5.1	14.1	2.2	10.8	3.1	4.1	0.8	5.5	97.9	0.2	0.5	3.5	0.5	< 0.1	< 0.1	< 0.001	0.2	4.4	41	0.4	1	0.283	0.034	0.5		
785657	Nov-13-20	TTA	650883	5393546	Block A	QV	Float Sample; fg, dark green to grey, mafic unit, containing moderately rusted Smokey grey quartz veinlet 1-3 cm across with ~1% blebby sulphides. Mafic unit itself contains ~3% disseminated sulphides and moderate rusting.		8			102	1.01	2.32	6.01	0.36	7.24	0.5	182	91	1290	7.48	0.6	40	81.1	2.1	0.4	0.6	0.34	1.98	37	0.57	2.67	0.2	74.4	14.5	0.8	10	18.5	368	14	0.2	0.51	< 0.1	< 1	< 0.1	< 0.1	339	6.2	12.5	1.5	6.9	2.2	2.4	0.5	3.2	158	0.2	0.3	2.1	0.3	< 0.1	< 0.1	< 0.001	0.1	4.4	30	0.3	0.1	0.3	0.025	1.17		
785658	Nov-13-20	TTA	650883	5393547	Block A	3A	Float Sample; fg, grey felsic to intermediate unit with a slight purple hue. Approximately 1% disseminated sulphides with moderate to low amounts of outer rusting and quartz veinlets running throughout.		62			132	> 3.00	0.26	7.45	2.36	1.64	0.4	23	13	179	1.35	2	20	4.7	0.3	1.8	< 0.1	0.16	15.7	3.3	0.2	0.15	0.1	13.8	16.5	0.8	132	2.5	166	68	1.3	0.26	< 0.1	< 1	< 0.1	< 0.1	543	3.2	8.9	0.9	3.4	0.7	0.6	< 0.1	0.4	69.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.5	< 0.001	0.74	2.3	2	0.8	0.7	0.103	0.019	0.15		
785659	Nov-13-20	TTA	650893	5393552	Block A	QV	Float Sample; fg, dark green to grey, mafic unit, containing moderately rusted Smokey grey quartz/carb vein 1-3cm across, with ~5-10% blebby sulphides. Mafic unit itself contains <1% disseminated sulphides and moderate rusting.		8			89	1.42	2.68	5.93	0.4	6.84	0.5	206	91	1290	8.8	0.6	60	90.4	2.4	0.5	0.7	0.46	1.16	47.4	0.67	2.11	0.5	92.2	14.2	1	6.9	20.1	328	12	0.5	0.5	< 0.1	< 1	< 0.1	< 0.1	128	6.2	12.3	1.5	7.1	2	2.8	0.6	3.4	160	0.2	0.3	2.2	0.3	< 0.1	< 0.1	< 0.001	0.09	3.8	34	0.2	< 0.1	0.363	0.026	1.46		
785660	Nov-13-20	TTA	650878	5393550	Block A	1B	Float Sample; fg, dark green to grey, mafic unit, containing heavy to moderate outer rusting and approximately 3-5% sulphides disseminated throughout.		27			94.1	1.52	2.77	6.78	0.39	8.83	0.5	285	92	1460	9.45	0.7	50	82.5	2.7	0.6	0.9	0.83	1.58	47.3	1.28	3.4	0.5	91.6	18.6	1	7.5	23.1	441	15	0.8	0.48	< 0.1	< 1	< 0.1	< 0.1	83	155	235	17.9	50.4	5.7	4.5	0.7	4.2	218	0.3	0.4	2.4	0.4	< 0.1	0.2	< 0.001	0.1	4.8	36	0.4	0.5	0.403	0.033	1.58		
785661	Nov-13-20	TTA	650877	5393555	Block A	1B	Float Sample; fg, dark green to grey, mafic unit, containing heavy to moderate outer rusting, approximately 3-5% blebby sulphides and quartz veinlets (~1cm wide) .		20			92.1	1.72	2.98	6.47	0.46	7.47	0.6	247	98	1420	9.58	0.7	50	103	2.5	0.7	0.8	0.6	1.12	47.7	0.82	2.55	0.5	110	16.8	1.4	7.4	22.5	433	14	0.6	1.25	< 0.1	< 1	< 0.1	< 0.1	87	58.4	82.4	7.4	21.6	2.9	3.4	0.6	3.7	212	0.2	0.4	2.5	0.4	< 0.1	0.2	0.001	0.11	3.6	37	0.3	0.3	0.424	0.027	1.59		
785662	Nov-13-20	TTA	650883	5393563	Block A	3A	Float Sample; fg, grey felsic to intermediate unit with a slight purple hue. Approximately 3-5% disseminated sulphides with heavy outer rusting and quartz veinlets running throughout.		< 5			108	> 3.00	0.75	6.99	1.25	2.59	0.4	58	32	362	2.91	2.3	50	19.2	0.7	1.3	0.2	0.46	10.7	9.5	0.7	0.73	0.5	27.3	15.6	1.1	53.4	6.8	394	90	8.7	32.7	< 0.1	< 1	< 0.1	< 0.1	381	28.2	61.7	6.7	24	3.7	2.1	0.3	1.3	161	< 0.1	< 0.1	0.6	< 0.1	0.3	0.9	0.019	0.28	4.2	6	4	1.7	0.218	0.061	1.31		
785663	Nov-13-20	TTA	650898	5393567	Block A	1B	Float Sample; fg, dark green to grey, banded mafic unit (epidote and chlorite light green banding), containing heavy to moderate outer rusting, approximately 3-5% blebby sulphides and quartz veinlets (~1cm wide) .		10			149	1.71	3.26	6.33	0.38	9.48	0.5	232	109	1610	9.45	0.8	40	82.1	3.1	0.5	0.9	0.61	1.4	41.7	0.86	3.16	0.2	103	18.5	0.7	7.3	23	372	17	0.2	5.46	< 0.1	< 1	< 0.1	< 0.1	83	14.4	29.2	3.4	12.9	2.4	3.4	0.7	4.3	115	0.1	0.4	2.6	0.4	< 0.1	< 0.1	0.019	0.1	4.3	37	0.7	1.3	0.288	0.029	1.72		
785664			627519	5383917			STD 215		3430			19.5	1.75	4.13	6.41	0.5	5.63	0.5	146	261	1140	7.15	1.1	70	140	2.1	0.4	0.6	0.86	0.38	41	0.62	0.32	0.2	82.8	14.5	25.8	16	16.9	93.3	33	0.2	0.93	< 0.1	< 1	0.1	< 0.1	221	4.7	11.2	1.5	7.1	1.6	2.3	0.5	3.2	146	0.3	0.3	1.9	0.3	< 0.1	0.2	0.002	0.11	20.1	33	1	0.3	0.277	0.03	0.45		
785665			627519	5383917			BLANK		< 5			47.9	2.77	0.15	8.28	2.82	1.14	0.4	12	4	196	1.46	0.3	40	0.9	0.7	1.1	0.2	0.09	2.04	1.6	0.55	0.04	< 0.1	39.2	16.6	0.9	110	6.5	105	22	2.4	0.18	< 0.1	< 1	< 0.1	< 0.1	749	33.8	65.8	6.6	21.6	3.2	2.2	0.3	1.4	4.3	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.8	17.3	2	11.9	1	0.106	0.012	< 0.01		

Appendix G – Soil Sample Descriptions and Assays

				Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
				ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
				5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	5E-04	0.001	0.01
Station	Easting	Northing	Description	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
TT8-01	no sample - on road		no sample -road	NS																																																													
TT8-02	658383	5395748	good B horizon	6	22.1	2.23	0.55	6.52	1.8	1.44	< 0.1	45	42	287	2.28	2	50	16.2	0.8	1.2	0.3	0.1	2.27	6.6	0.62	0.15	0.3	30.1	14.1	2.3	55.2	8	328	115	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	518	19.5	45.3	4.2	16.4	2.7	2.2	0.2	1.6	15.9	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	15.8	6	6.1	1.2	0.219	0.041	0.01
TT8-03	658390	5395769	good B horizon	13	29.4	2.08	0.95	6.58	1.27	2.01	< 0.1	89	54	437	3.77	2.6	60	23	0.9	1	0.3	0.14	1.94	10.7	0.59	0.26	0.5	41.7	17	3.1	45.8	9	313	101	2.2	2.5	< 0.1	< 1	< 0.1	< 0.1	426	13.8	29	3.1	12.7	2.4	2	0.2	1.6	31.6	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.27	17.5	9	3.9	0.9	0.269	0.066	0.03
TT8-04	658377	5395773	good B horizon	6	14.8	2.24	0.44	6.37	1.72	1.28	< 0.1	43	44	204	2.15	4.3	50	14.7	0.7	1.5	0.2	0.18	2.23	6.6	0.51	0.13	0.3	23.9	13.6	2	58.8	6.8	308	162	5	0.72	< 0.1	< 1	< 0.1	< 0.1	521	13	28.1	2.8	11.2	1.8	1.6	0.2	1.3	6.2	< 0.1	< 0.1	0.8	0.1	0.3	0.3	< 0.001	0.3	16.4	5	4.7	0.8	0.194	0.052	0.02
TT8-05	658371	5395778	good B horizon	< 5	14.5	1.91	0.34	6.05	1.78	1.2	< 0.1	43	40	181	2.06	3.7	60	10.6	0.7	1	0.2	0.18	2.42	4.2	0.48	0.14	0.5	19.6	15.4	2.4	61.6	6.4	306	150	5.1	1.17	< 0.1	< 1	0.1	0.1	538	12.8	27.5	3	11.1	2	1.6	0.2	1.2	31.6	< 0.1	< 0.1	0.7	< 0.1	0.3	0.4	< 0.001	0.31	27.6	5	3.9	0.9	0.205	0.033	0.02
TT8-06	658355	5395788	good B horizon	7	17.6	2.24	0.46	5.9	1.67	1.4	< 0.1	48	88	248	2.18	2.8	30	13.5	0.6	1.1	0.2	0.22	2.98	5.8	0.44	0.2	0.1	24.8	15.9	2.2	68.9	5.7	325	111	5.2	1.05	< 0.1	< 1	< 0.1	< 0.1	544	10.3	25.3	2.4	9	1.7	1.3	0.2	1	9.8	< 0.1	< 0.1	0.6	< 0.1	0.4	0.4	< 0.001	0.32	17.5	5	3.1	0.7	0.213	0.045	0.01
TT8-07	658344	5395795	good B horizon	< 5	14.4	1.98	0.41	6.21	1.68	1.17	< 0.1	48	45	204	2.44	3.5	90	12.2	0.7	1.1	0.2	0.15	2.11	4.6	0.49	0.16	0.4	19.6	15	2.8	57.7	6.3	292	134	5.3	1.32	< 0.1	< 1	< 0.1	< 0.1	538	12.7	27.8	3	11.7	1.9	1.6	0.2	1.2	9.9	< 0.1	< 0.1	0.7	0.1	0.3	0.4	< 0.001	0.32	18.3	5	5.4	1.2	0.213	0.038	0.02
TT8-08	658331	5395795	good B horizon	5	29	2.44	0.55	6.19	1.37	1.66	< 0.1	55	45	363	2.57	4.9	50	15	0.9	1.1	0.3	0.11	1.49	7.1	0.61	0.15	0.2	28.3	14.8	1.8	47.6	8.7	414	201	5.4	1.26	< 0.1	< 1	< 0.1	< 0.1	525	21	46.6	4.9	19.1	2.7	2.3	0.3	1.7	26.4	< 0.1	0.1	0.9	0.1	0.3	0.3	< 0.001	0.3	15.8	6	7.3	1.2	0.238	0.025	0.01
TT8-09	658319	5395817	good B horizon	6	25.5	1.51	0.44	5.6	1.2	1.11	< 0.1	59	35	243	2.88	1.8	110	12.2	0.7	0.9	0.3	0.13	2.74	4.3	0.5	1.91	0.4	45.4	17.9	1.9	46.5	6.8	259	98	1.1	9.24	< 0.1	< 1	< 0.1	< 0.1	453	15.2	33.3	3.6	13.4	2.3	1.9	0.2	1.3	24.6	0.2	0.1	0.8	0.1	< 0.1	0.5	< 0.001	0.3	26.3	6	6.5	5	0.151	0.199	0.02
TT8-10	658346	5395851	good B horizon	< 5	17.6	2.3	0.5	6.03	1.85	1.49	< 0.1	39	37	240	1.79	0.2	40	14.1	0.8	1.1	0.3	< 0.05	1.5	5.3	0.67	0.2	0.2	24.7	13.8	2	55.7	8.2	334	9	1.3	1.13	< 0.1	< 1	< 0.1	< 0.1	560	14.9	31.7	3.6	14.6	2.4	2.1	0.3	1.6	25.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.33	14.6	6	3.9	2.2	0.208	0.035	< 0.01
TT8-11	658351	5395840	good B horizon	< 5	16.5	2.28	0.52	6.02	1.62	1.58	< 0.1	45	35	250	1.99	0.1	50	16.6	0.7	1	0.2	0.09	1.83	5.6	0.58	0.2	0.3	22.5	14.7	1.7	53.5	7.1	317	12	1.1	1.61	< 0.1	< 1	< 0.1	< 0.1	519	14.4	31.3	3.3	13	2.4	1.8	0.2	1.3	20.6	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	3.4	2.3	0.206	0.026	0.01
TT8-12	658374	5395835	good B horizon	5	14.6	2.27	0.51	6.08	1.75	1.47	< 0.1	39	26	255	1.63	0.1	70	15.6	0.9	1.1	0.3	0.06	1.74	5.6	0.64	0.17	< 0.1	22.2	13.4	3.9	56.2	8.4	347	9	1	0.86	< 0.1	< 1	< 0.1	< 0.1	537	17.2	36.4	4.1	16.3	2.7	2.2	0.3	1.6	18.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.31	14.8	6	5.5	1.2	0.204	0.024	0.01
TT8-13	658382	5395835	good B horizon	6	8.5	2.49	0.36	6.29	1.7	1.32	< 0.1	30	24	204	1.42	2.8	30	9.3	0.6	1.2	0.2	0.07	1.61	3.5	0.49	0.11	0.2	14.8	13.4	1.9	57.6	5.6	352	102	2.4	0.55	< 0.1	< 1	< 0.1	< 0.1	564	10.6	29.4	2.6	10.2	1.7	1.5	0.2	1	4.6	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.29	15.4	4	4	0.8	0.145	0.011	0.01
TT8-14	658393	5395826	good B horizon	< 5	10.8	2.32	0.37	5.83	1.76	1.31	< 0.1	39	27	207	1.77	0.1	90	10.1	0.6	1	0.2	0.11	2.19	4.1	0.48	0.11	0.2	18	15.4	3.8	65.3	5.7	333	5	1.5	0.62	< 0.1	< 1	< 0.1	< 0.1	562	10.9	25.5	2.6	10.1	1.5	1.3	0.2	1	4.8	< 0.1	< 0.1	0.6	0.1	< 0.1	0.2	< 0.001	0.31	15.9	4	3.5	0.6	0.174	0.035	0.02
TT8-15	658398	5395825	good B horizon	< 5	19.2	2.09	0.57	5.91	1.68	1.49	< 0.1	56	42	283	2.42	< 0.1	70	17.8	0.8	1.1	0.3	0.12	2.44	6.9	0.55	0.25	0.2	28.5	16	2.7	60.4	7.6	327	7	1.5	1.05	< 0.1	< 1	< 0.1	< 0.1	550	12.9	28.9	3.1	12.4	2.1	1.9	0.2	1.4	11.4	< 0.1	0.1	0.8	0.1	< 0.1	0.3	< 0.001	0.3	18.5	6	3.6	1	0.241	0.055	0.02
TT8-16	658412	5395804	good B horizon	< 5	15.3	2.03	0.42	5.33	1.6	1.28	< 0.1	52	38	237	2.52	0.1	40	15.6	0.7	1	0.3	0.11	2.37	5.9	0.53	0.16	0.3	23.6	15.1	2.8	62	7.4	315	8	2.3	0.92	< 0.1	< 1	< 0.1	< 0.1	573	14.1	31.8	3.3	13.2	2.2	1.8	0.2	1.3	6.7	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.33	16.9	5	5.5	1	0.233	0.023	0.01
TT8-17	658424	5395804	good B horizon	5	19.2	2.1	0.45	5.9	1.53	1.22	< 0.1	45	42	232	2.25	3.5	60	20.4	0.7	1.1	0.3	0.13	2.62	7.7	0.63	0.18	0.3	23.8	13.9	2.4	58.9	7.5	312	140	4.8	0.8	< 0.1	< 1	< 0.1	< 0.1	555	15.7	35	3.6	14	2.6	2.1	0.2	1.4	12.2	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	16	5	4.5	1.2	0.218	0.043	0.02
TT8-18	658432	5395799	good B horizon	38	20.3	2.01	0.43	5.25	1.56	1.25	< 0.1	41	31	241	1.85	0.3	50	12.5	0.8	0.9	0.3	0.08	2.95	5	0.52	0.16	0.2	23.3	14.6	1.2	58.6	7.4	303	22	0.5	0.52	< 0.1	< 1	< 0.1	< 0.1	551	14.7	32.6	3.6	14.1	2	1.8	0.2	1.3	8.6	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	15.5	6	4.9	1.3	0.226	0.011	< 0.01
TT8-19	658446.255	5395789.66	good B horizon	< 5	10.1	2.36	0.32	5.84	1.6	1.28	< 0.1	31	21	205	1.37	0.1	30	12.2	0.7	1.2	0.2	< 0.05	1.23	4.7	0.53	0.07	0.2	19.3	13.6	1.7	64.3	6.4	370	6	1.3	0.22	< 0.1	< 1	< 0.1	< 0.1	564	11.3	25	2.8	10.9	2.1	1.6	0.2	1.2	2.6	< 0.1	< 0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.3	15.6	4	4	0.7	0.137	0.062	< 0.01
TT8-20	658456.902	5395786.18	good B horizon	< 5	11.7	2.52	0.42	6.4	1.71	1.46	0.1	40	30	288	1.74	0.2	50	13.6	0.7	1.3	0.3	0.05	1.26	4.9	0.61	0.08	0.4	28.9	14.7	2.1	61.3	7.4	364	10	1.7	0.39	< 0.1	< 1	< 0.1	< 0.1	575	12.9	29.1	3.3	13	2.4	2	0.2	1.3	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.3	16.1	5	4.6	0.8	0.171	0.07	< 0.01
TT8-21	658470.046	5395776.23	good B horizon	< 5	10.3	2.39	0.32	6.77	1.69	1.31	< 0.1	29	20	183	1.24	0.2	20	10.2	0.6	1.1	0.2	< 0.05	1.08	3.7	0.51	0.07	0.2	27	12.9	1.6	58.7	5.4	357	5	1.2	0.2	< 0.1	< 1	< 0.1	< 0.1	563	10.8	24.8	2.8	11	1.8	1.3	0.2	1	6	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.28	15.2	4	3.4	0.6	0.127	0.066	< 0.01
TT8-22	658482.643	5395772.17	good B horizon	< 5	11.4	2.26	0.36	6.12	1.6	1.4	< 0.1	40	40	266	1.84	< 0.1	50	12	0.8	1.2	0.2	< 0.05	1.07	4.4	0.55	0.09	0.3	25.2	13.8	1.9	55.8	7.1	337	6	1.1	0.25	< 0.1	< 1	< 0.1	< 0.1	516	14.3	31.4	3.4	13.4	2.4	1.7	0.2	1.3	2.8	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.29	15.9	5	6.1	0.9	0.179	0.058	0.01
TT8-23	658494.674	5395765.18	good B horizon	< 5	9.8	2.15	0.39	5.98	1.65	1.47	< 0.1	39	27	288	1.67	0.1	40	13.1	0.8	1.1	0.3	< 0.05	0.93	4.7	0.55	0.08	0.2	20.7	13.4	1.5	54.3	7.2	341	7	1.5	0.22	< 0.1	< 1	< 0.1	< 0.1	508	12.3	28.9	3.1	12.1	2.2	1.8	0.2	1.4	3.1	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	14.7	6	3.6	0.8	0.177	0.043	< 0.01
TT8-24	658504.763	5395758.92	good B horizon	6	14.3	2.12	0.39	6.74	1.82	1.31	< 0.1	49	31	222	2.08	0.1	40	13.3	0.8	1.2	0.3	0.07	1.48	5.1	0.56	0.15	0.4	22.6	15.1	2.1	56.1	7.6	307	5	1.1	0.41	< 0.1	< 1	0.1	< 0.1	537	14.3	30.9	3.5	13.8	2.3	1.8	0.2	1.5	3.7	< 0.1	0.1	0.9	0.1	< 0.1	0.2	< 0.001	0.31	18.1	5	5.8	1.1	0.213	0.052	0.01
TT8-25	658518.198	5395752.82	good B horizon	< 5	11.4	2.31	0.45	6.08	1.65	1.55	< 0.1	47	41	310	2.17	1.9	40	14.4	1	1.3	0.4	< 0.05	0.95	5.6	0.66	0.09	0.3	25.2	13.9	1.8	53.5	9.6	345	67	3.2	0.25	< 0.1	< 1	< 0.1	< 0.1	514	24.2	54.3	6.1	23.1	3.8	2.9	0.3	1.9	3.7	< 0.1	0.1	1	0.1	< 0.1	0.2	< 0.001	0.28	17.1	6	12.6	1.4	0.209	0.067	< 0.01
TT8-26	658526.556	5395749.15	good B horizon	< 5	9.5	2.31	0.35	5.74	1.62	1.29	< 0.1	33	27	238	1.57	0.2	40	12.3	0.7	1.1	0.2	< 0.05	0.89	4.6	0.53	0.07	0.2	21.9	12.8	2.4	54	6.6	329	7	0.4	0.17	< 0.1	< 1	< 0.1	< 0.1	520	10.6	24.7	2.6	10.6	1.5	1.5	0.2	1.2	4.3	< 0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.28	14.5	5	3.6	0.7	0.157	0.052	< 0.01
TT8-27	658503.224	5395701.22	good B horizon	< 5	19.1	1.88	0.47	6.32	1.76	1.35	< 0.1	45	43	239	2.12	0.2	40	20	0.8	1.2	0.3	0.07	1.64	7	0.53	0.18	0.4	33.6	13.2	2.4	54.7	7.3	306	17	1.3	0.41	< 0.1	< 1	< 0.1	< 0.1	520	17.4	35.4	3.8	15	2	1.9	0.2	1.3	12.9	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.3	16.4	6	5.7	0.9	0.221	0.056	0.01
TT8-28	658492.208	5395705.66	good B horizon	< 5	13.4	2.21	0.41	6.01	1.82	1.38	< 0.1	37	39	232	1.92	0.2	60	15	0.8	1.2	0.2	0.06	1.32	5.7	0.55	0.12	0.2	25.4	13.5	1.8	57.4	6.7	333	17	1.5	0.3	< 0.1	< 1	< 0.1	< 0.1	546	11.4	25.3	2.8	11	1.7	1.6	0.2	1.3	4.4	< 0.1	0.1	0.8	0.1	< 0.1	0.4	< 0.001	0.3	16.1	5	3.4	0.9	0.177	0.05	< 0.01
TT8-29	658479.949	5395714.93	good B horizon	< 5	7.9	2.45	0.34	6.35	1.51	1.42	< 0.1	31	24	226	1.29	0.5	30	8.1	0.5	1.3	0.2	< 0.05	1.06	3.3	0.48	0.07	0.2	17.3	14.2	1.4	58.8	5.1	348	16	1.6	0.19	< 0.1	< 1	< 0.1	< 0.1	525	6.5	14.7	1.7	7.3	1.3	1.1	0.2	0.9	2.8	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.29	14.3	5	1.6	0.5	0.138	0.038	< 0.01
TT8-30	658469.469	5395720.78	good B horizon	< 5	12.6	2.47	0.42	6.21	1.69	1.46	< 0.1	42	33	317	2.12	0.2	20	12.5	0.9	1.2	0.3	< 0.05	1.08	4.7	0.57	0.09	0.1	28.5	14	1.5	58.6	7.7	359	17	1.7	0.2	< 0.1	< 1	< 0.1	< 0.1	551	16.3	36.4	4	16.4	2.2	2	0.2	1.5	6.2	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.9	6	7.2	1	0.184	0.055	< 0.01
TT8-31	658459.193	5395725.75	good B horizon	< 5	11.5	2.29	0.38	6.22	1.58	1.49	< 0.1	37	30	242	1.61	0.5	40	11.2	0.8	1.2	0.3	< 0.05	0.96	4.4	0.6	0.08	0.2	22	13.5	1.7	56.2	7.5	345	18	1.1	0.19	< 0.1	< 1	< 0.1	< 0.1	515	15.4	34	3.7	14.2	2.3	1.9	0.2	1.4	3.2	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.29	15.1	5	5.3	0.8	0.157	0.062	< 0.01
TT8-32	658445.892	5395734.46	good B horizon	< 5	11.4	2.35	0.39	5.89	1.63	1.46	< 0.1	40	26	276	1.81	< 0.1	40	11.5	0.8	1.3	0.3	0.07	1	4.4	0.61	0.08	0.3	24.9	14.1	2.2	57.9	7.6	341	3	0.7	0.26	< 0.1	< 1	< 0.1	< 0.1	492	14.8	31.9	3.6	13.9	2.5	1.8	0.2	1.4	3.3	< 0.1	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.29	15.2	6	5	0.8	0.193	0.11	0.02
TT8-33	658434.625	5395739.77	good B horizon	< 5	13.1	2.03	0.38	6.11	1.88	1.26	< 0.1	43	33	211	2.05	0.2	40	12.6	0.6	1.1	0.2	0.07	2.5	4.4	0.5	0.1	0.2	23.3	14.5	2.1	63	6.1	317	12	1	0.73	< 0.1	< 1	< 0.1	< 0.1	528	12.2	27.2	2.8	11.2	1.7	1.5	0.2	1.1	4.7	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.31	16.2	5	2.8	0.8	0.211	0.018	0.01
TT8-34	658423.655	5395745.27	good B horizon	< 5	9.2	2.08	0.34	5.93	1.69	1.45	< 0.1	32	36	218	1.59	0.2	30	14.2	0.7	1.2	0.3	< 0.05	1.24	4.9	0.63	0.07	0.3	16.1	12.2	1.4	55.6	7.2	338	14	0.4	0.2	< 0.1	< 1	< 0.1	< 0.1	520	16.6	40	3.9	15.1	2.5	2	0.2	1.5	8.4	0.1	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	15.9	5	6.5	0.9	0.156	0.037	< 0.01
TT8-35	658386.419	5395711.34	good B horizon	< 5	11.9	2.17	0.36	6.19	1.8	1.36	< 0.1	31	29	232	1.55	0.4	20	13.6	0.7	1.2	0.2	0.06	1.08	4.9	0.52	0.07	0.2	22.4	13.2	2.7	58.8	6.8	334	36	1	0.18	< 0.1	< 1	< 0.1	< 0.1	522	12.4	29.6	3	11.9	2	1.6	0.2	1.3	3.9	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.45	15.2	5	3.9	0.8	0.15	0.044	0.01
TT8-36	658397.768	5395700.45	good B horizon	< 5	13.6	2.22	0.26	6.34	1.61	1.2	< 0.1	31	26	184	1.42	0.6	70	10.1	0.6	1.1	0.2	0.06	1.02	3.7	0.44	0.09	0.2	19	10.9	< 0.1	36.7	5.5	283	50	2.1	0.29	< 0.1	< 1	< 0.1	< 0.1	525	10.8	23.3	2.6	10.7	1.8	1.5	0.2	1.1	4	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.3	13.9	5	4.6	0.9	0.165	0.062	< 0.01
TT8-37	658411.659	5395694.5	good B horizon	< 5	15.1	2.24	0.31	7.4	2	1.26	< 0.1	38	35	201	1.76	3.5	80	14.5	0.6	1.3	0.2	0.07	1.05	5.2	0.5	0.11	0.6	15	11.4	0.5	42.1	6.6	307	141	4.9	0.34	< 0.1	< 1	0.1	< 0.1	562	11.6	24.9	2.8	11.3	2.1	1.6	0.2	1.4	4.1	0.1	0.1	0.7	0.1	0.3	0.3	0.001	0.31	15.8	6	3.9	0.9	0.19	0.057	0.01
TT8-38	658419.321	5395681.75	good B horizon	< 5	14	2.3	0.32	7.37	2.04	1.39	< 0.1	36	31	239	1.7	0.3	80	13	0.8	1.3	0.2	< 0.05	0.91	4.8	0.52	0.1	0.6	18	11.1	1.1	39.8	7.4	325	36	2.1	0.35	< 0.1	< 1	< 0.1	< 0.1	590	12	27.9	3	12.6	2	1.9	0.2	1.4	3.9	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.32	16.2	6	4.2	1	0.197	0.052	< 0.01
TT8-39	658432.447	5395682.73	good B horizon	< 5	11.6	2.61	0.31	7.28	2.14	1.39	< 0.1	34	24	232	1.61	0.7	50	10.6	0.6	1.3	0.2	0.05	1	4.3	0.46	0.08	0.4	15.8	12.2	< 0.1	43.4	5.7	346	56	2.7	0.34	< 0.1	< 1	< 0.1	< 0.1	582	10.1	21.6	2.4	10.3	1.6	1.5	0.2	1.1	3.2	< 0.1	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.31	15.7	5	3.9	0.8	0.157	0.033	< 0.01
TT8-40	658446.528	5395677.45	good B horizon	< 5	18.3	2.05	0.31	6.99	1.43	1.21	< 0.1	42	33	187	2.12	2.1	50	14.9	0.7	1.1	0.2	0.09	1.09	5.7	0.43	0.14	0.3	20.8	13	0.5	33.1	6	280	105	4.3	0.42	< 0.1	< 1	0.1	< 0.1	524	8.4	18.1	2.1	8.7	1.5	1.3	0.2	1.1	6.2	< 0.1	0.1	0.7	< 0.1	0.2	0.3	< 0.001	0.29	14.6	6	3.7	0.8	0.208	0.039	0.01
TT8-41	658455.334	5395668.27	good B horizon	< 5	14.4	2.1	0.27	6.88	1.58	1.14	< 0.1	38	33	183	1.89	0.4	70	12.9	0.7	1.3	0.2	0.05	1.1	5.3	0.47	0.1	0.4	16	12	0.1	33.5	5.9	294	48	3.2	0.35	< 0.1	< 1	< 0.1	< 0.1	535	10.1	22	2.4	9.9	2	1.5	0.2	1.2	3.2	< 0.1	< 0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.3	14.5	5	3.8	0.9	0.215	0.019	0.01
TT8-42	658467.557	5395663.31	good B horizon	< 5	13.5	2.27	0.29	6.94	1.54	1.24	< 0.1	34	29	198	1.78	1.1	90	13	0.7	1.3	0.2	0.06	0.96	5.1	0.51	0.1	0.4	12.6	9.6	1.3	32.4	6.6	305	89	2.4	0.33	< 0.1	< 1	< 0.1	< 0.1	535	11.8	26.8	3	12.4	2.1	1.8	0.2	1.3	3.3	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.001	0.29	14.7	6	4	0.9	0.191	0.032	0.01
TT8-43	658477.678	5395658.52	good B horizon	6	12.9	2.27	0.29	6.98	1.66	1.31	< 0.1	32	27	194	1.5	0.1	60	13.2	0.7	1.3	0.2	0.05	0.82	5.2	0.52	0.08	0.5	15.9	11.3	0.6	33.5	6.5	327	17	1.3	0.31	< 0.1	< 1	< 0.1	< 0.1	542	11.2	24.6	2.7	11.6	1.9	1.6	0.2	1.4	3.4	< 0.1	0.1	0.7	< 0.1	< 0.1	0.2	< 0.001	0.3	14.8	5	3.4	0.9	0.178	0.039	< 0.01
TT8-44	658377	5395715	good B horizon	5	13.3	2.26	0.26	6.22	1.62	1.14	< 0.1	33	26	186	1.7	0.4	50	10.7	0.6	1	0.2	0.08	1.5	3.9	0.42	0.09	0.4	15.9	12.3	< 0.1	35.4	5.2	318	23	2.2	0.78	< 0.1	< 1	< 0.1	< 0.1	520	9	22.4	2.2	9.5	1.5	1.3	0.2	0.9	3.4	< 0.1	< 0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.29	13.9	5	2.8	0.8	0.175	0.015	< 0.01
TT8-45	658369	5395727	good B horizon	5	12.7	2.55	0.31	6.92	1.74	1.34	< 0.1	32	30	210	1.38	3.2	60	11.4	0.7	1.3	0.2	0.07	1.29	4.2	0.53	0.09	0.5	18.1	13.3	< 0.1	37.1	7	355	143	5	2.18	< 0.1	< 1	< 0.1	< 0.1	539	14.3	30.9	3.6	14.2	2.5	1.9	0.2	1.3	5	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.33	14.4	5	4.8	0.9	0.175	0.025	< 0.01
TT8-46	658356	5395732	good B horizon	6	12.7	2.12	0.27	6.57	1.46	1.21	< 0.1	35	40	184	1.74	2.5	50	10.8	0.5	1.2	0.2	0.17	1.53	4.6	0.43	0.09	0.5	14.7	11.9	< 0.1	33.9	5.1	323	104	4.6	0.86	< 0.1	< 1	< 0.1	< 0.1	497	8.6	20.2	2	8.8	1.6	1.3	0.2	1.1	4.9	< 0.1	< 0.1	0.6	< 0.1	0.2	0.3	0.001	0.29	14.4	5	2.9	0.7	0.166	0.03	0.01
TT8-47	658344	5395740	good B horizon	5	20.3	2.14	0.28	6.67	< 0.01	1.22	< 0.1	46	29	202	2.35	3.8	110	11.6	0.6	1.1	0.2	0.11	1.7	4.7	0.44	0.25	0.7	18.9	14.8	1.8	33.9	5.7	312	151	5.1	3.4	< 0.1	< 1	< 0.1	< 0.1	501	10.7	28.6	2.6	10.7	1.7	1.6	0.2	1.1	15.2	< 0.1	< 0.1	0.6	0.1	0.3	0.4	< 0.001	0.3	15	5	3.8	0.9	0.249	0.024	0.02
TT8-48	658332	5395734	good B horizon	6	26.7	1.97	0.36	7.02	< 0.01	1.16	< 0.1	59	48	249	3.09	3.3	120	15.7	0.6	1.3	0.2	0.14	2.24	6.4	0.45	0.36	0.8	23.6	13.7	0.4	37.7	6.5	280	131	6.6	1.7	< 0.1	< 1	0.1	< 0.1	458	10.9	23.1	2.5	10.4	1.6	1.5	0.2	1.2	18.6	< 0.1	0.1	0.7	0.1	0.4	0.8	0.001	0.29	16.6	7	3.7	1	0.287	0.053	0.03
TT8-49	658316	5395748	good B horizon	6	12.1	2.38	0.37	6.33	1.99	1.57	< 0.1	80	35	232	2.35	3.4	70	11.3	0.6	0.9	0.2	0.06	1.64	4.5	0.39	0.48	0.4	17.4	18.9	< 0.1	34.4	5.5	334	137	2.9	1.58	< 0.1	< 1	< 0.1	< 0.1	501	9	20.7	2.2	8.8	1.8	1.3	0.2	1	9.1	0.1	< 0.1	0.7	0.1	0.2	0.4	< 0.001	0.28	14.7	7	3.7	0.8	0.296	0.02	0.01
TT8-50	658316	5395761	good B horizon	12	14.8	2.18	0.4	5.52	1.52	1.3	< 0.1	56	107	249	2.76	5.2	50	10.2	0.8	1	0.2	0.05	2.13	4.1	0.46	0.37	0.4	22.3	18.6	2	50.9	6.7	305	204	1	0.67	< 0.1	< 1	< 0.1	< 0.1	535	15.2	34.5	3.4	12.9	2.5	1.8	0.2	1.3	11	0.4	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.33	18.9	6	5.3	1.3	0.238	0.021	0.01
TT8-51	658304	5395766	good B horizon	5	17.2	2.08	0.37	6.39	1.57	1.25	< 0.1	49	40	235	2.44	3.1	40	11.3	0.7	1.2	0.2	0.1	1.57	4.5	0.53	0.13	0.4	24.7	13.7	1.9	51.9	6.2	307	116	5.1	0.77	< 0.1	< 1	< 0.1	< 0.1	495	12.1	26.8	2.9	12.1	2	1.6	0.2	1.2	6.4	0.1	< 0.1	0.7	0.1	0.4	0.4	< 0.001	0.29	17.1	5	3.2	0.9	0.176	0.097	0.02
SA-01	658687	5397812	no sample - swamp	NS																																																												
SA-02	658674	5397819	no sample - swamp	NS																																																												
SA-03	658672	5397815	no sample - swamp	NS																																																												
SA-04	658656	5397824	no sample - swamp	NS																																																												
SA-05	658640	5397839	good B horizon	< 5	31.7	2.16	0.55	7.38	1.69	1.38	< 0.1	46	44	243	2.34	4.5	60	32.7	1	1.2	0.4	0.06	2.69	9.2	0.75	0.23	0.3	35.4	14.7	2.1	48.8	9.5	309	173	2.3	0.65	< 0.1	< 1	< 0.1	< 0.1	507	18	45.9	4.2	17.4	3.4	2.5	0.3	1.9	23.8	0.4	0.2	1.1	0.2	< 0.1	< 0.1	< 0.001	0.33	20.6	7	4.7	1.2	0.228	0.02	0.02
SA-06	658633	5397839	good B horizon	6	38.2	2.02	0.56	7.46	1.37	1.41	0.1	35	43	255	2.56	3.3	50	23.8	0.7	1.3	0.3	< 0.05	2.89	8.9	0.55	0.34	0.5	36.1	14.7	2.8	45.5	6.6	323	129	0.2	0.21	< 0.1	< 1	< 0.1	< 0.1	466	12.6	32.1	2.8	11.6	2	1.7	0.2	1.3	15.4	0.3	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.3	21.9	6	5.3	1	0.224	0.027	0.03
SA-07	658620	5397840	no sample - swamp	NS																																																												
SA-08	658608	5397848	no sample - swamp	NS																																																												
SA-09	658594	5397859	good B horizon	< 5	22	2.19	0.49	6.29	1.82	1.47	< 0.1	41	31	249	1.68	0.7	60	14.9	1	1.3	0.4	0.06	2.26	4.5	0.73	0.36	0.3	25.5	13.4	1.8	54.2	9.9	340	61	1.1	2.54	< 0.1	< 1	< 0.1	< 0.1	529	20.3	41.8	4.7	19.7	3.2	2.6	0.3	1.8	29.3	0.1	0.2	1.1	0.2	< 0.1	0.2	< 0.001	0.34	15	6	5.4	1.5	0.239	0.042	0.01
SA-10	658627	5397895	good B horizon	7	23.5	2	0.35	7.39	1.54	1.25	< 0.1	54	38	198	2.47	0.1	100	11.6	0.8	1.1	0.3	0.08	2.51	4.5	0.6	0.22	0.7	20	17.5	2.5	47.2	7.5	311	8	1.1	1.18	< 0.1	< 1	< 0.1	< 0.1	477	14.6	31.1	3.2	13.3	2.4	1.8	0.2	1.4	20.9	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.3	17.1	6	4.7	1.3	0.288	0.031	0.03
SA-11	658631	5397893	good B horizon	19	38.3	2.7	0.78	7.42	1.19	2.14	< 0.1	28	26	317	2.56	2.3	60	16.4	0.7	1	0.3	< 0.05	1.49	6.1	0.71	1.02	0.3	34.6	22.3	0.5	31.2	7.1	507	99	0.2	0.08	< 0.1	< 1	< 0.1	< 0.1	521	16.5	34.4	3.9	15.6	2.8	2	0.3	1.4	10.7	0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.25	15.1	7	3.2	1	0.106	0.01	0.01
SA-12	658645	5397891	no sample - swamp	NS																																																												
SA-13	658660	5397876	good B horizon	7	24.2	1.73	0.43	6.94	1.76	1.15	< 0.1	42	39	203	2.63	0.8	70	17.6	0.8	1.1	0.3	0.06	2.97	7.5	0.56	0.18	0.6	23.3	16.1	2.5	54.8	7.5	280	56	0.5	0.22	< 0.1	< 1	< 0.1	< 0.1	514	16	34.5	3.6	14.1	2.4	2	0.2	1.5	47.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.34	17.3	6	4.6	1.2	0.206	0.015	0.02
SA-14	658668	5397874	good B horizon	12	26.2	2	0.58	6.84	1.28	1.56	0.1	43	41	305	3.56	2.7	30	15.1	0.7	1	0.2	0.1	1.6	8.3	0.49	0.36	0.4	36.1	17.2	2	39.1	7	339	111	0.3	0.26	< 0.1	< 1	< 0.1	< 0.1	465	13.4	28.3	2.8	11.3	2.1	1.6	0.2	1.2	40.3	0.3	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	17.2	7	3.7	0.9	0.169	0.028	0.02
SA-15	658678	5397868	no sample - swamp	NS																																																												
SA-16	658687	5397862	good B horizon	< 5	59.2	2.16	0.75	7.47	1.14	1.65	< 0.1	78	42	326	3.78	3.1	20	25.4	0.8	1.1	0.3	0.11	2.06	12.6	0.49	0.24	0.5	39.5	16.1	2.5	35.9	7.1	334	125	4.8	1.34	< 0.1	< 1	< 0.1	< 0.1	425	9.1	22.5	2.2	9.3	1.4	1.5	0.2	1.4	29.5	0.4	0.1	0.8	0.1	0.2	0.1	< 0.001	0.25	12.5	9	3.6	0.8	0.297	0.016	0.02
SA-17	658698	5397856	no sample - road	NS																																																												
SA-18	658720	5397845	poor B - leach	15	36.6	2.21	0.81	6.58	1.61	1.93	< 0.1	38	44	361	2.54	3.4	50	68.2	1.3	1.3	0.5	< 0.05	2.49	29.1	0.95	0.24	0.3	62.3	14.3	1.4	49.9	12.6	319	130	0.5	0.29	< 0.1	< 1	< 0.1	< 0.1	496	21	36.9	5.8	23.8	3.8	3.1	0.4	2.4	140	0.3	0.2	1.3	0.2	< 0.1	< 0.1	< 0.001	0.33	16.8	10	5.1	1.1	0.177	0.012	< 0.01
SA-19	658740	5397891	good B horizon	< 5	17.7	1.99	0.49	6.59	1.91	1.25	< 0.1	25	40	227	2.07	0.5	60	18.8	0.9	1.3	0.3	0.23	2.44	7.2	0.64	0.11	0.4	25.6	12.9	1.7	57.6	8.6	279	39	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	516	18	38.2	4.2	16.5	2.7	2.2	0.3	1.6	15.5	0.3	0.1	1	0.2	< 0.1	< 0.1	< 0.001	0.36	16.1	6	6	1.2	0.106	0.029	0.02
SA-20	658728	5397895	good B horizon-edge of pit	< 5	23.3	2.36	0.63	6.87	1.72	1.61	< 0.1	32	38	307	2.28	2.9	40	25.7	1	1.3	0.3	0.07	1.77	10.3	0.7	0.16	0.4	31	14.4	1.3	52.6	9.2	318	111	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	500	16.7	37.4	4	16.7	2.9	2.4	0.3	1.8	23.6	0.3	0.1	1	0.2	< 0.1	< 0.1	< 0.001	0.31	18.5	7	4.1	1	0.131	0.025	0.01
SA-21	658717	5397906	good B horizon-area excavated	8	25.4	2.25	0.63	6.19	1.78	1.67	< 0.1	39	33	310	2.27	2.3	60	23	0.9	1.1	0.3	0.09	2.38	9.1	0.67	0.23	0.3	30.3	14.6	1.7	55.2	9.4	322	98	0.3	0.12	< 0.1	< 1	< 0.1	< 0.1	508	17.9	46.6	4.3	16.8	2.9	2.3	0.3	1.7	21.8	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	15.6	7	4.5	1	0.152	0.038	0.01
SA-22	658706	5397912	good B horizon-area excavated	9	62.6	2.22	1.05	6.91	1.2	2.29	< 0.1	44	53	465	3.25	2.7	40	32.6	1.2	1.5	0.4	0.05	2.57	16.9	0.82	0.49	0.5	50.7	16.6	2.5	42.2	11.9	394	104	0.1	0.14	< 0.1	< 1	< 0.1	< 0.1	399	20.8	96.4	5.3	22.3	2.7	3.1	0.4	2.3	44.5	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.26	17	10	6.2	1.2	0.156	0.054	0.01
SA-23	658699	5397920	no sample-slash pile	NS																																																												
SA-24	658684	5397920	no sample-middle of road	NS																																																												
SA-25	658665	5397935	good B horizon	< 5	25.2	2.45	0.59	7.44	1.69	1.54	< 0.1	34	34	254	1.85	4.2	60	17.8	0.8	1.2	0.3	< 0.05	1.54	6.2	0.63	0.29	0.5	30.6	14.8	1.8	50.9	7.5	363	161	0.8	1.08	< 0.1	< 1	< 0.1	< 0.1	531	13.7	32.2	3.2	12.9	2.5	1.8	0.2	1.4	9.2	0.3	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.28	14.2	6	3.7	1	0.177	0.014	0.04
SA-26	658662	5397933	good B horizon-west side of road	5	29.3	2.32	0.6	7.05	1.9	1.45	< 0.1	33	30	246	2.16	0.4	50	16.4	0.8	1.1	0.3	< 0.05	1.39	6.5	0.66	0.5	0.3	28.7	14.6	1.6	48.3	7.6	318	26	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	521	17.5	36.3	4	16.1	2.7	2.3	0.3	1.5	16.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	13.8	6	4.7	1.1	0.179	0.01	< 0.01
SA-27	658651	5397943	no sample-swamp	NS																																																												
SA-28	658703	5397794	no sample - road	NS																																																												
SA-29	658715	5397791	no sample - swamp	NS																																																												
SA-30	658723	5397783	no sample - swamp	NS																																																												
SA-31	658736	5397779	no sample - swamp	NS																																																											
SA-32	658742	5397770	no sample - swamp	NS																																																												
SA-33	658751	5397765	no sample - swamp	NS																																																												
SA-34	658765	5397759	good B horizon	13	26.2	1.59	0.62	6.04	1.51	1.25	< 0.1	62	74	230	2.53	0.3	80	33.9	0.8	1	0.3	0.08	3.08	9.7	0.53	0.24	0.5	29.4	14.5	2.3	51.3	7.4	248	22	1.5	3.12	< 0.1	< 1	< 0.1	< 0.1	464	13.3	28.8	3.2	12.8	2.1	1.8	0.2	1.4	23.1	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.33	15.5	7	4	1.1	0.254	0.025	0.03
SA-35	658773	5397748	good B horizon	< 5	28.7	1.92	0.56	5.86	1.68	1.32	< 0.1	45	58	258	2.06	0.1	70	18.4	0.7	1.1	0.3	0.09	5.36	6.3	0.54	0.21	0.5	38.4	13.4	2.2	56.2	6.9	270	10	3.2	2.14	< 0.1	< 1	< 0.1	< 0.1	469	14.1	31.3	3.4	13.3	2.2	1.8	0.2	1.3	9.3	0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.5	6	4.2	1	0.238	0.033	0.02
SA-36	658803	5397799	good B horizon	< 5	25.5	2.14	0.44	6.16	1.81	1.35	< 0.1	32	29	206	1.48	0.3	60	15.4	0.8	1	0.3	0.08	2.55	4.7	0.6	0.14	0.4	25.5	14.5	0.9	56.5	7.8	304	42	0.4	0.12	< 0.1	< 1	< 0.1	< 0.1	536	15.7	33.5	3.7	14.8	2	2	0.2	1.4	9.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	16	6	4.7	1.1	0.207	0.007	< 0.01
SA-37	658797	5397806	good B horizon	5	80	2.17	0.96	6.73	0.9	1.75	< 0.1	23	51	289	3.22	1.6	50	35.2	0.7	1	0.3	0.05	1.43	11.3	0.65	0.17	0.3	48.2	16.8	1.4	29.3	7.5	333	63	0.2	0.09	< 0.1	< 1	< 0.1	< 0.1	323	23.2	43.9	4.8	19.4	2.4	2.1	0.2	1.3	20.8	0.2	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.21	13.5	7	3	0.9	0.087	0.018	0.02
SA-38	658785	5397807	no sample - swamp	NS																																																												
SA-39	658776	5397815	no sample - swamp	NS																																																												
SA-40	658763	5397825	no sample - swamp	NS																																																												
SA-41	658748	5397834	no sample - swamp	NS																																																												
SA-42	658738	5397835	no sample - swamp	NS																																																												
SA-43	658728	5397838	no sample - swamp	NS																																																												
SA-44	658747	5397888	good B horizon	5	34.9	1.77	0.4	6.09	1.83	1.27	< 0.1	40	40	225	2.27	0.3	70	20	0.8	1	0.3	0.11	2.92	7	0.55	0.16	0.5	23.9	14.1	2	50.9	7.9	296	18	0.4	0.33	< 0.1	< 1	< 0.1	< 0.1	526	15.9	33.8	3.7	15.1	2.4	1.9	0.2	1.3	39.2	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.35	15.1	6	4.6	1.2	0.236	0.022	0.03
SA-45	658763	5397879	no sample - swamp	NS																																																												
SA-46	658772	5397872	no sample - swamp	NS																																																												
SA-47	658788	5397864	no sample - swamp	NS																																																												
SA-48	658798	5397855	no sample - swamp	NS																																																												
SA-49	658803	5397852	no sample - swamp	NS																																																												
SA-50	658813	5397848	good B horizon	< 5	38	2.3	0.84	7.07	0.97	2.08	0.1	25	55	280	2.89	1.8	50	29.9	0.8	1.1	0.2	< 0.05	1.73	6.7	0.41	1.3	0.3	39.7	20.9	1.1	35.6	6.8	327	75	0.2	1.71	< 0.1	< 1	< 0.1	< 0.1	344	8.3	19.4	2.1	8.2	1.6	1.5	0.2	1.3	9.2	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.26	16.1	8	3.4	1.2	0.09	0.022	0.01
SA-51	658832	5397843	good B horizon	< 5	37	1.99	0.54	7.71	1.55	1.29	< 0.1	38	47	259	2.78	2.9	40	27.1	0.9	1.3	0.3	< 0.05	2.54	8.3	0.65	0.21	0.4	35	16.4	2.3	49	9.2	278	110	0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	502	17	36.6	4.1	16.7	3	2.5	0.3	1.9	10.3	0.2	0.1	1	0.1	< 0.1	< 0.1	< 0.001	0.33	18.6	7	6.2	1.7	0.133	0.024	0.03
LS-01	658914	5398270	good B horizon	11	36.8	1.86	0.47	6.7	0.77	1.28	< 0.1	45	33	222	2.26	0.4	100	8.4	0.8	1.3	0.3	0.16	3.41	4.6	0.58	0.17	0.8	28	14.9	2.4	25.6	7.3	283	42	0.2	15.9	< 0.1	< 1	< 0.1	< 0.1	520	17.1	33.3	3.8	14	2.7	1.9	0.2	1.4	8.5	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.32	14.7	6	5.3	1.3	0.252	0.021	
LS-02	658907	5398272	good B horizon	10	20.8	1.98	0.44	6.93	0.76	1.23	< 0.1	42	34	241	2.17	1.1	80	11.2	0.8	1.4	0.3	0.17	2.28	5.6	0.58	0.16	0.8	22.6	13.2	2.3	26.2	7.6	303	62	3.1	0.63	< 0.1	< 1	< 0.1	< 0.1	511	18.4	39.3	3.9	14.9	2.6	2	0.2	1.5	9.1	< 0.1	0.1	0.8	0.1	< 0.1	0.3	0.002	0.29	15.4	6	6.2	1.3	0.241	0.046	
LS-03	658889	5398274	good B horizon - area excavated	11	17.1	2.15	0.49	6.58	0.69	1.32	< 0.1	41	32	252	2.02	< 0.1	60	13.8	0.8	1.5	0.3	0.09	1.74	6.6	0.6	0.16	0.7	22.2	12.8	3.3	23.6	7.6	318	7	1.3	0.57	< 0.1	< 1	< 0.1	< 0.1	522	16.2	42.8	3.4	13	2.6	1.9	0.2	1.4	7.6	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.002	0.29	15.1	6	4.6	1	0.224	0.034	
LS-04			no sample - swamp	NS																																																												
LS-05	658867	5398286	good B horizon	8	26.5	1.95	0.48	7.15	0.75	1.19	< 0.1	44	49	234	2.49	1.8	70	17.3	0.8	1.6	0.3	0.1	1.99	7.8	0.65	0.17	0.9	25.7	13.2	2.8	25.1	8.1	281	106	1.4	0.71	< 0.1	< 1	< 0.1	< 0.1	496	17	36.9	3.8	14.6	2.9	2.1	0.3	1.6	8.4	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	14.6	7	5.5	1.1	0.237	0.038	0.02
LS-06	658854	5398291	good B horizon	10	26.7	2.26	0.52	6.78	0.84	1.58	< 0.1	44	36	270	2.03	0.4	110	8.4	0.9	1.3	0.3	< 0.05	1.46	5	0.68	0.38	0.7	22.9	13.6	2.6	24.1	8.1	384	36	1.2	1.23	< 0.1	< 1	< 0.1	< 0.1	553	18.3	39	3.9	15.2	3	2.2	0.3	1.6	18.5	< 0.1	0.1	0.9	0.1	< 0.1	0.1	0.002	0.25	13.9	5	4.2	1.3	0.219	0.06	0.02
LS-07			no sample - swamp	NS																																																												
LS-08	658837	5398308	good B horizon	9	35.8	2.25	0.56	6.87	0.83	1.52	< 0.1	41	33	285	1.95	2.8	90	10.1	0.9	1.5	0.3	< 0.05	1.43	5.1	0.68	0.19	0.6	28.3	13.3	2	25.2	8.7	378	128	0.2	0.25	< 0.1	< 1	< 0.1	< 0.1	548	17	33.4	3.8	14.7	2.8	2.1	0.3	1.8	4.9	< 0.1	0.1	1	0.1	< 0.1	< 0.1	0.001	0.25	16.8	6	4.4	1.1	0.2	0.037	0.01
LS-09	658825	5398316	poor B horizon	8	26	2.15	0.56	6.65	0.79	1.34	< 0.1	25	37	252	1.62	1.3	80	13.5	0.8	1.4	0.3	< 0.05	2.11	4.9	0.6	0.16	0.3	26.4	13.7	1.3	23.8	7.4	322	71	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	571	16.9	33.3	3.7	14.2	2.4	2	0.2	1.4	8	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	4.7	1.2	0.149	0.008	< 0.01
LS-10	658847	5398358	good B horizon	9	28.9	1.89	0.43	6.84	0.66	1.14	< 0.1	42	42	215	1.93	0.1	110	11.5	0.7	1.3	0.2	0.12	2.77	4.5	0.56	0.24	0.8	24.2	13.1	3.1	25.6	7.1	282	9	1.2	1.34	< 0.1	< 1	< 0.1	< 0.1	500	17.2	35.3	3.7	13.8	2.7	1.9	0.2	1.4	10.3	< 0.1	0.1	0.8	0.1	< 0.1	0.1	0.001	0.29	13.7	6	5.6	1.2	0.243	0.036	0.02
LS-11	658861	5398352	good B horizon	8	19.6	1.92	0.46	6.1	0.73	1.2	< 0.1	36	32	233	1.47	0.2	80	12	0.9	1.2	0.3	< 0.05	1.78	4.7	0.62	0.11	0.6	22.2	12.6	1.9	26.2	8.5	308	15	0.2	0.41	< 0.1	< 1	< 0.1	< 0.1	555	17.2	33.5	4	14.7	2.8	2	0.3	1.7	7.3	< 0.1	0.1	1	0.1	< 0.1	< 0.1	0.001	0.31	14.2	6	4.7	1.3	0.215	0.016	0.02
LS-12	658874	5398346	good B horizon	13	24.7	1.85	0.43	7.42	0.94	1.11	< 0.1	48	45	237	2.93	1.3	100	9	0.9	1.5	0.3	0.07	1.55	4.8	0.66	0.19	1	24.7	14	3.1	27.8	8	274	83	0.8	3.56	< 0.1	< 1	< 0.1	< 0.1	463	20	47.2	4.3	16.4	3.4	2.3	0.3	1.7	11.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.24	15.8	6	6.4	1.5	0.222	0.047	0.04
LS-13	658884	5398339	good B horizon	11	19.6	2.03	0.41	6.21	0.75	1.27	< 0.1	36	29	235	1.49	1	80	9.7	0.7	1.2	0.3	< 0.05	1.44	4.2	0.59	0.14	0.4	20.5	12.8	2	24.6	7.1	313	65	0.2	0.49	< 0.1	< 1	< 0.1	< 0.1	525	18	34.9	3.9	14.8	2.8	2	0.2	1.5	5	< 0.1	0.1	0.7	0.1	< 0.1	< 0.1	0.001	0.27	14.7	5	5.8	1.1	0.188	0.016	0.02
LS-14	658896	5398335	good B horizon - area excavated	8	28.1	2.01	0.49	6.36	0.77	1.26	< 0.1	36	43	255	2.67	3.4	80	12.4	0.8	1.4	0.3	< 0.05	1.52	5.9	0.63	0.51	0.7	26.4	13.7	2.1	24.9	7.6	315	117	0.1	0.41	< 0.1	< 1	< 0.1	< 0.1	489	17.7	35.3	3.8	14.8	2.5	2	0.3	1.5	13	0.2	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.26	14.1	6	4.5	1.1	0.167	0.025	0.02
LS-15	658907	5398324	good B horizon	8	24.5	1.87	0.45	7	0.92	1.14	< 0.1	33	44	233	2.12	3	110	12.1	0.8	1.3	0.3	< 0.05	1.89	5.6	0.57	0.16	0.8	24.1	13.1	2	26	7.5	290	118	0.1	0.19	< 0.1	< 1	< 0.1	< 0.1	519	18.5	36.4	3.9	14.7	2.6	2	0.2	1.5	10.8	0.1	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.29	15.3	6	5.5	1.2	0.165	0.026	0.02
LS-16	658917	5398320	good B horizon	8	28.8	1.98	0.62	6.78	0.74	1.38	< 0.1	49	45	273	2.24	0.3	120	18.3	0.9	1.2	0.3	0.05	1.49	6.8	0.72	0.15	0.7	25.8	13.5	4	22.8	9.1	320	33	0.6	0.32	< 0.1	< 1	< 0.1	< 0.1	491	21.6	41.7	4.8	17.7	3.6	2.4	0.3	1.9	16.9	< 0.1	0.1	1	0.1	< 0.1	< 0.1	0.002	0.28	14.7	7	5.9	1.3	0.249	0.035	0.02
LS-17	658929	5398312	good B horizon	10	28.8	2.16	0.51	6.45	0.85	1.56	< 0.1	38	44	269	1.61	5.4	80	13.1	1	1.2	0.3	0.07	1.78	4.8	0.71	0.13	0.6	22.1	13.6	2.8	27.1	9.3	359	181	3.2	0.28	< 0.1	< 1	< 0.1	< 0.1	579	20.8	42.2	4.7	17.9	3.5	2.2	0.3	1.7	14.9	< 0.1	0.1	1	0.2	< 0.1	0.1	0.002	0.32	13.8	6	5.1	1.3	0.224	0.035	< 0.01
LS-18	658942	5398302	good B horizon	8	25.1	1.78	0.4	6.02	0.76	1.18	< 0.1	43	35	204	1.82	0.1	100	9.9	0.8	1.3	0.3	< 0.05	2.38	4.1	0.57	0.21	0.7	20.6	14.8	2.2	27.5	7.7	292	9	0.5	0.95	< 0.1	< 1	< 0.1	< 0.1	494	16.9	33.1	3.6	13.8	2.8	1.9	0.2	1.4	7.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.32	17	6	5	2	0.254	0.017	0.01
LS-19	658798	5398275	good B horizon - area excavated	16	20.1	1.64	0.36	6.08	1.62	0.99	< 0.1	49	37	179	2.52	0.1	90	12.5	0.8	1	0.3	0.07	2.05	4.7	0.65	0.21	0.7	26.3	13.4	3	49.9	7.4	241	9	1.4	1.76	< 0.1	< 1	< 0.1	< 0.1	487	18.5	39.3	4.1	16	2.7	2.2	0.3	1.5	17.6	< 0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.32	16.4	6	5.3	1.4	0.255	0.036	0.03
LS-20	658805	5398269	good B horizon - area excavated	6	22	1.67	0.4	7.29	1.49	1.01	< 0.1	43	50	199	2.42	4.9	110	15.8	1	1.2	0.4	0.09	1.9	6.4	0.88	0.14	0.9	22.1	11.4	3.2	45.6	9.4	243	189	5	1.8	< 0.1	< 1	0.1	< 0.1	428	23.4	52.6	5.6	22	4.2	2.9	0.4	2.1	15.6	< 0.1	0.1	1	0.1	0.3	0.4	< 0.001	0.34	14.8	7	7.5	1.7	0.223	0.038	0.03
LS-21	658824	5398253	poor B horizon	5	31	2.32	0.48	6.3	1.69	1.27	< 0.1	37	31	218	1.59	0.9	60	12.6	0.8	0.9	0.2	< 0.05	2.66	4.3	0.49	0.36	0.3	36.2	15.5	3.1	53.9	6.3	315	65	0.4	0.45	< 0.1	< 1	< 0.1	< 0.1	566	13.8	29.4	3.2	12.4	1.9	1.6	0.2	1.1	7.7	0.2	< 0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	16.4	5	4.1	1.1	0.207	0.009	0.02

LS-22	658841	5398247	no sample - swamp	NS																																																													
LS-23	658845	5398245	poor B horizon	< 5	17.3	2.19	0.49	6.17	1.87	1.45	< 0.1	38	30	253	1.67	0.2	40	14.7	1.1	1.1	0.3	< 0.05	1.38	5.4	0.76	0.17	0.3	25.9	13.1	1.8	56.1	9.6	338	10	0.4	0.49	< 0.1	< 1	< 0.1	< 0.1	562	19.3	41.8	4.8	19.4	3.2	2.6	0.3	1.9	8.5	0.1	0.1	1	0.1	< 0.1	< 0.1	< 0.001	0.34	15.3	6	5.6	1.2	0.223	0.032	< 0.01
LS-24	658868	5398240	poor B horizon	< 5	20.2	2.27	0.63	6.74	2.01	1.62	< 0.1	21	41	356	2.2	2.1	30	22.5	1.2	1.2	0.4	0.07	2.35	7.5	0.89	0.14	0.2	33	13.9	1.3	63.3	12.1	331	91	0.3	< 0.05	< 0.1	< 1	< 0.1	< 0.1	601	24.8	49.8	6	24.2	4.1	3.1	0.4	2.3	10.3	0.2	0.2	1.2	0.2	< 0.1	< 0.1	< 0.001	0.37	16	7	6	1.1	0.095	0.015	0.02
LS-25	658874	5398235	good B horizon	5	17.3	2.31	0.43	6.6	1.72	1.37	< 0.1	26	36	225	1.8	2.4	90	24.1	0.8	1.1	0.3	0.19	1.49	8.6	0.61	0.17	0.2	21.1	13.7	3.1	52.2	7.2	314	100	0.2	0.29	< 0.1	< 1	< 0.1	< 0.1	508	15.5	32.8	3.7	14.5	2.5	1.9	0.2	1.4	14.3	0.3	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	23.2	6	4.9	0.9	0.11	0.018	0.02
LS-26	658876	5398227	good B horizon	< 5	18.5	1.79	0.33	6.09	1.59	1.04	< 0.1	38	39	190	2.42	3.3	40	14.5	0.7	0.9	0.2	0.14	2.05	5.7	0.43	0.2	0.4	20.8	15.3	2.2	49.8	5.9	264	128	0.2	0.53	< 0.1	< 1	< 0.1	< 0.1	485	11.8	26	2.6	10.3	1.9	1.4	0.2	1.1	11.1	0.2	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	18.8	5	3.5	1	0.167	0.025	0.02
LS-27	658891	5398209	no sample - swamp	NS																																																													
LS-28	658928	5398254	poor B horizon	6	39.8	2.29	0.7	6.8	1.86	1.53	< 0.1	22	55	354	2.72	3.3	40	40	1.7	1.4	0.6	0.1	4.07	12.3	1.22	0.2	0.2	38.9	14.7	1.7	58.1	16.6	321	128	0.3	0.07	< 0.1	< 1	< 0.1	< 0.1	593	36.5	77.8	9.3	37.2	5.8	4.5	0.6	3.2	43.2	0.1	0.2	1.6	0.2	< 0.1	< 0.1	< 0.001	0.49	16.2	9	8.1	1.2	0.107	0.018	< 0.01
LS-29	658940	5398250	good B horizon	6	95.8	2.83	0.79	7.43	0.75	2.31	< 0.1	46	27	442	4.02	2.2	60	68.4	1.6	1.4	0.6	0.34	5.79	24.5	1.44	0.5	0.5	46.1	18.2	1.8	29.2	15.1	481	90	< 0.1	0.23	< 0.1	< 1	< 0.1	< 0.1	573	35.6	75.6	10.5	44.2	6.3	4.8	0.5	2.9	46.8	0.2	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	0.37	10.1	8	5.8	2	0.144	0.027	0.04
LS-30	658954	5398246	good B horizon	5	142	2.1	0.69	7.71	0.91	2.3	< 0.1	78	33	740	4.65	1.4	80	30.1	1	1.1	0.4	0.29	2.97	34.6	1.17	0.45	0.5	38.3	18.2	2.9	20.1	9.7	415	70	0.5	1.21	< 0.1	< 1	< 0.1	< 0.1	560	31.6	73.6	8.4	35.2	5.4	3.7	0.4	2.1	71.4	0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.26	14.3	6	5.5	1.6	0.239	0.042	0.04
LS-31	658967	5398234	good B horizon	< 5	13.9	2.42	0.41	6.27	1.81	1.42	< 0.1	34	23	256	1.44	0.1	40	14.8	0.8	1.1	0.3	< 0.05	1.36	5.2	0.58	0.11	0.2	21.7	12.4	2.2	52.5	7.5	319	8	0.7	0.42	< 0.1	< 1	< 0.1	< 0.1	522	15.3	33.6	3.7	15.8	2.5	2.1	0.3	1.5	14.7	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.31	14.7	5	4.6	1.1	0.187	0.033	0.01
LS-32	658974	5398229	good B horizon	< 5	17.8	1.98	0.33	6.02	1.71	1.18	< 0.1	30	37	239	1.94	0.4	70	13.1	0.7	1	0.2	0.05	2.14	5.2	0.52	0.19	0.3	22.3	13.9	2	53.4	7.1	289	37	0.4	0.13	< 0.1	< 1	< 0.1	< 0.1	537	14.6	35.2	3.3	13.6	2.3	1.8	0.2	1.4	7.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.34	17.6	5	4.8	1.2	0.173	0.021	0.02
LS-33	658980	5398225	no sample - swamp	NS																																																													
LS-34	658997	5398215	good B horizon	< 5	28.9	2.19	0.48	6.14	1.56	1.39	< 0.1	27	33	241	2.06	0.7	40	14.9	0.9	1.1	0.3	< 0.05	1.42	6.2	0.66	0.11	0.2	26.5	13.6	1.4	49.1	9.1	348	36	0.4	0.09	< 0.1	< 1	< 0.1	< 0.1	523	19.9	38.8	4.4	17.9	2.5	2.3	0.3	1.5	11.6	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.3	14.8	5	3.6	1	0.116	0.036	0.01
LS-35	659002	5398211	good B horizon	< 5	15.5	1.79	0.33	5.7	1.69	1.03	< 0.1	28	39	178	1.75	4.1	80	11.6	0.8	1	0.3	< 0.05	1.98	3.9	0.52	0.13	0.3	20.8	14.8	5.7	50.4	6.7	258	161	0.1	0.12	< 0.1	< 1	< 0.1	< 0.1	508	14.5	30	3.2	12.9	2.3	1.7	0.2	1.3	14.8	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.32	17.9	5	4.3	1.1	0.15	0.02	0.02
LS-36	659033	5398251	good B horizon	8	18.2	2.11	0.46	6.48	0.69	1.31	< 0.1	35	32	236	1.59	0.1	70	11.1	0.8	1.4	0.3	0.06	1.59	5.3	0.59	0.13	0.7	21.2	13	2.2	24.5	7.4	339	16	1	0.51	< 0.1	< 1	< 0.1	< 0.1	536	15.1	32	3.6	13.3	2.3	2	0.2	1.4	4.5	< 0.1	0.1	0.8	0.1	< 0.1	0.2	0.002	0.31	14.1	6	3.8	1.1	0.211	0.023	< 0.01
LS-37	659021	5398261	poor B horizon	8	34.3	2.17	0.51	6.97	0.73	1.44	< 0.1	34	29	266	1.67	0.3	90	16.9	1	1.5	0.3	< 0.05	1.51	8.5	0.81	0.11	0.6	24.5	13	2.2	23.8	9.7	349	35	0.6	0.57	< 0.1	< 1	< 0.1	< 0.1	520	19.1	40.3	4.6	17.9	3.9	2.6	0.3	2	10.6	< 0.1	0.1	1	0.1	< 0.1	< 0.1	0.002	0.29	13	6	4.7	1.4	0.209	0.032	0.01
LS-38			no sample - swamp	NS																																																													
LS-39			no sample - swamp	NS																																																													
LS-40	658989	5398278	good B horizon	9	16	2.07	0.49	6.43	1.44	1.38	< 0.1	34	38	250	1.64	5	60	22.2	0.9	1.3	0.3	< 0.05	1.84	5.5	0.62	0.15	0.6	21.1	11.9	2.5	39.2	9	319	170	0.9	0.98	< 0.1	< 1	< 0.1	< 0.1	554	17.5	50.1	4	14.9	3.5	2.4	0.3	1.6	10.7	0.3	0.1	0.9	0.1	< 0.1	< 0.1	0.002	0.31	14.9	6	5.5	2.1	0.203	0.041	0.01
LS-41	658977	5398284	good B horizon	8	19.2	2.02	0.45	6.49	1.01	1.23	0.1	37	43	248	1.82	4.9	100	33.2	0.8	1.3	0.3	0.11	1.95	6.6	0.6	0.14	0.9	33.3	12.6	2.9	29.2	8	293	162	2.3	4.25	< 0.1	< 1	< 0.1	< 0.1	520	15.9	36.2	3.6	13.9	2.8	2.1	0.3	1.5	12.2	0.2	0.1	0.9	0.1	< 0.1	0.1	0.002	0.3	18.5	6	4.7	2	0.218	0.042	0.02
LS-42	658965	5398297	good B horizon	9	19.6	2.09	0.4	6.69	0.8	1.22	0.1	37	36	217	1.88	2.5	110	12.2	0.7	1.5	0.2	0.05	1.55	4.3	0.57	0.19	1	25.2	13.2	3.1	24	6.8	311	94	1.6	1.14	< 0.1	< 1	< 0.1	< 0.1	491	16.5	33.4	3.7	13.4	2.5	1.7	0.2	1.3	22.6	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	0.002	0.28	16.8	5	5	1.3	0.194	0.053	0.02
LS-43	658952	5398299	good B horizon	8	20.6	2.05	0.5	6.47	0.68	1.29	< 0.1	44	28	248	1.99	0.1	110	14.6	0.9	1.3	0.3	0.06	1.85	6.2	0.6	0.33	0.6	24.1	13.3	2.5	24	8	332	10	1.1	0.7	< 0.1	< 1	< 0.1	< 0.1	548	16.4	31.9	3.6	14.1	2.7	1.9	0.2	1.5	5.5	< 0.1	0.1	0.8	0.1	< 0.1	< 0.1	0.002	0.3	15.7	6	5.2	1.1	0.233	0.021	0.01
LS-44	658904	5398222	no sample - swamp	NS																																																													
LS-45	658916	5398204	good B horizon	5	22.6	2.1	0.39	6.34	1.43	1.26	< 0.1	28	35	209	1.93	3.4	30	13.6	0.6	0.9	0.2	< 0.05	1.68	5.3	0.47	0.2	0.3	19.3	15	1.8	43.8	6.3	295	127	0.2	0.1	< 0.1	< 1	< 0.1	< 0.1	511	13.4	27.8	3	12	2	1.6	0.2	1.2	10.7	0.2	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.29	16.6	5	4.2	1.2	0.128	0.019	0.03
LS-46	658926	5398201	good B horizon	< 5	19.7	2.22	0.41	6.24	1.81	1.45	< 0.1	33	25	217	1.27	< 0.1	50	14.1	0.9	1.1	0.3	< 0.05	1.37	4.4	0.64	0.1	0.2	22.5	13.3	1.3	53.1	8.1	327	23	1.3	0.37	< 0.1	< 1	< 0.1	< 0.1	528	14.6	32	3.6	15	2.7	2.1	0.3	1.6	8.8	< 0.1	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.32	14.4	5	4.1	1.1	0.209	0.037	< 0.01
LS-47	658941	5398193	good B horizon	< 5	24.2	2.1	0.74	6.54	1.67	1.98	< 0.1	84	49	439	3.25	1.1	60	23.6	1.5	1.2	0.5	< 0.05	1.58	13.3	0.94	0.27	0.3	44.8	15.4	2	49	14.1	294	69	0.4	0.39	< 0.1	< 1	< 0.1	< 0.1	458	21.7	48.4	5.5	22.8	3.9	3.6	0.4	2.7	25.6	< 0.1	0.2	1.5	0.2	< 0.1	< 0.1	< 0.001	0.33	14.7	11	5.6	1.6	0.328	0.013	0.01
LS-48	658945	5398189	good B horizon	< 5	16.4	2.01	0.38	6.94	1.78	1.25	< 0.1	41	39	209	2.15	0.1	60	14.6	0.8	1.4	0.3	< 0.05	1.54	5.5	0.58	0.15	0.4	20	13.1	2.9	50.9	7.1	292	5	1.2	0.53	< 0.1	< 1	< 0.1	< 0.1	476	17.2	45.4	3.9	16	2.6	2	0.2	1.4	6.8	< 0.1	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.31	17.7	5	5.6	1.1	0.2	0.04	0.02
LS-49	658953	5398177	good B horizon	< 5	20.6	1.99	0.37	6.04	1.58	1.27	< 0.1	42	35	234	1.98	0.3	80	13.2	0.7	1.1	0.3	0.21	1.56	5.1	0.57	0.51	1	26.4	13.7	3.5	50.1	6.5	306	18	1.1	0.63	< 0.1	1	< 0.1	< 0.1	468	13.7	31.2	3.1	12.2	2.4	1.8	0.2	1.2	7.1	0.1	0.1	0.7	0.1	< 0.1	0.1	< 0.001	0.32	17.3	5	4.8	1.2	0.199	0.029	0.03
LS-50	658969	5398171	good B horizon	< 5	18.1	2.12	0.38	6.28	1.6	1.2	< 0.1	25	34	200	1.84	2.7	60	10.7	0.6	1	0.2	< 0.05	2.23	4.6	0.5	0.18	0.4	23.2	15.2	1.2	55.5	6.4	309	105	0.3	0.11	< 0.1	< 1	< 0.1	< 0.1	507	20.4	46.5	4.4	17.3	2.9	2	0.2	1.2	9.4	0.3	< 0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.31	16.6	5	9.2	1.1	0.113	0.015	0.01
LS-51	658981	5398166	good B horizon	< 5	66.9	2.41	1.12	7.24	0.73	1.88	< 0.1	38	37	424	4.1	2.2	30	28.6	0.8	1	0.3	< 0.05	1.58	15.2	0.7	0.14	0.4	76.9	18.6	1.7	23.2	8.4	403	84	0.3	0.08	< 0.1	< 1	< 0.1	< 0.1	339	17.4	32	3.5	14.1	2.8	2.3	0.3	1.6	19.5	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.2	11.2	8	2.9	0.9	0.185	0.039	0.01

Appendix H – Prospecting Traverse Cost Summary

Traverse #	Date	Geologists	Dave (Supervisor)	Dave (Field+Supervisor)	Terry	Andrew	Tim	Mike	Beau	Mark	Area	Dave Day Rate	Andrew Day Rate	Mark Day Rate	Beau Day Rate	Terry Day Rate	Tim Day Rate	Mike Day Rate	Total Room Cost ($89/day)*	Distance to Traverse (km)**	Distance Including Return Trip (km)	Travel Cost (@ $0.50/km)	Total Traverse Cost
1	07-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				TTB/Kaby Zone	$ 692.28				$ 253.83	$ 230.76		$ 89.00	40	80	$ 40.00	$ 1,305.87
2	08-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
3	09-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76			35	70	$ 35.00	$ 1,211.87
4	10-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
5	10-Jul-20	Terry/Tim			Terry		Tim									$ 253.83	$ 230.76			3.5	7	$ 3.50	$ 488.09
6	11-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
7	12-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
8	13-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
9	13-Jul-20	Terry/Tim			Terry		Tim									$ 253.83	$ 230.76			3.5	7	$ 3.50	$ 488.09
10	14-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
11	14-Jul-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
12	15-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76		$ 89.00	35	70	$ 35.00	$ 1,300.87
13	16-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76		$ 89.00	35	70	$ 35.00	$ 1,300.87
14	17-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76		$ 89.00	35	70	$ 35.00	$ 1,300.87
15	20-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76		$ 89.00	35	70	$ 35.00	$ 1,300.87
16	21-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				Roberts Rd	$ 692.28				$ 253.83	$ 230.76		$ 89.00	35	70	$ 35.00	$ 1,300.87
17	23-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
18	23-Jul-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
19	24-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
20	24-Jul-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
21	25-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
22	26-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
23	27-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
24	27-Jul-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
25	28-Jul-20	Dave/Andrew/Mike	Dave			Andrew		Mike			Roberts Rd	$ 692.28	$ 285.56					$ 220.00	$ 178.00	35	70	$ 35.00	$ 1,410.84
26	28-Jul-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
27	30-Jul-20	Dave/Terry/Tim	Dave		Terry		Tim				TTB/Kaby Zone	$ 692.28				$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 1,307.87
28	05-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				TTB Grid Soil Sampling	$ 692.28				$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 1,293.00
29	06-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				TTB Grid Soil Sampling	$ 692.28				$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 1,293.00
30	07-Aug-20	Dave/Beau		Dave					Beau		Smoking Aces Grid Soil Sampling	$ 692.28			$ 240.00				$ 89.00	39	78	$ 39.00	$ 1,070.00
31	08-Aug-20	Dave/Andrew		Dave		Andrew					Smoking Aces Grid Soil Sampling	$ 692.28	$ 285.56						$ 178.00	39	78	$ 39.00	$ 1,209.00
32	09-Aug-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Long Shot Grid Soil Sampling	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	39	78	$ 39.00	$ 1,379.00
33	10-Aug-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Long Shot Grid Soil Sampling	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	39	78	$ 39.00	$ 1,379.00
34	11-Aug-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Money Shot	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	42	84	$ 42.00	$ 1,682.43
35	12-Aug-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Money Shot	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	42	84	$ 42.00	$ 1,682.43
36	18-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
37	18-Aug-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
38	19-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
39	19-Aug-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
40	20-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
41	20-Aug-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 615.59
42	21-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
43	21-Aug-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
44	22-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
45	23-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
46	24-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
47	24-Aug-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
48	25-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				TTB/Kaby Zone	$ 692.28				$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 1,307.87
49	26-Aug-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
50	26-Aug-20	Terry/Tim			Terry		Tim				Road 500					$ 253.83	$ 230.76			32	64	$ 32.00	$ 516.59
51	27-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
52	28-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
53	31-Aug-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
54	01-Sep-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
55	02-Sep-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
56	03-Sep-20	Dave/Beau		Dave					Beau		S 500 Rd	$ 692.28			$ 240.00				$ 89.00	32	64	$ 32.00	$ 1,053.28
57	03-Sep-20	Terry/Tim			Terry		Tim				Road 500					$ 253.83	$ 230.76			32	64	$ 32.00	$ 516.59
58	04-Sep-20	Terry/Tim			Terry		Tim				TTB/Kaby Zone					$ 253.83	$ 230.76			42	84	$ 42.00	$ 526.59
59	04-Sep-20	Dave/Beau		Dave					Beau		S 500 Rd	$ 692.28			$ 240.00				$ 89.00	32	64	$ 32.00	$ 1,053.28
60	05-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
61	06-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
62	07-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
63	08-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				500 Rd	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	32	64	$ 32.00	$ 1,672.43
64	09-Sep-20	Dave/Terry/Tim	Dave		Terry		Tim				Road 500	$ 692.28				$ 253.83	$ 230.76		$ 89.00	32	64	$ 32.00	$ 1,297.87
65	10-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				500 Rd	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	32	64	$ 32.00	$ 1,672.43
66	11-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				500 Rd	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	32	64	$ 32.00	$ 1,672.43
67	14-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				500 Rd	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	32	64	$ 32.00	$ 1,672.43
68	15-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
69	15-Sep-20	Terry/Tim			Terry		Tim				Road 500					$ 253.83	$ 230.76			32	64	$ 32.00	$ 516.59
70	16-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
71	16-Sep-20	Terry/Tim			Terry		Tim				Road 500					$ 253.83	$ 230.76			32	64	$ 32.00	$ 516.59
72	17-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		500 Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	32	64	$ 32.00	$ 1,427.84
73	17-Sep-20	Terry/Tim			Terry		Tim				Road 500					$ 253.83	$ 230.76			32	64	$ 32.00	$ 516.59
74	18-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
75	19-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
76	20-Sep-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Roberts Rd	$ 692.28	$ 285.56		$ 240.00				$ 178.00	35	70	$ 35.00	$ 1,430.84
77	21-Sep-20	Dave/Terry/Tim	Dave		Terry		Tim				Block B	$ 692.28				$ 253.83	$ 230.76		$ 89.00	72	144	$ 72.00	$ 1,337.87
78	21-Sep-20	Andrew/Beau				Andrew			Beau		Roberts Rd		$ 285.56		$ 240.00				$ 89.00	35	70	$ 35.00	$ 649.56
79	22-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block C	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,710.43
80	23-Sep-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block C	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,710.43
81	24-Sep-20	Terry/Tim			Terry		Tim				Block B					$ 253.83	$ 230.76			72	144	$ 72.00	$ 556.59
82	24-Sep-20	Andrew/Dave		Dave		Andrew					Block C	$ 692.28	$ 285.56						$ 178.00	70	140	$ 70.00	$ 1,225.84
83	01-Oct-20	Dave/Beau		Dave					Beau		Block B	$ 692.28			$ 240.00				$ 89.00	72	144	$ 72.00	$ 1,093.28
84	01-Oct-20	Terry/Tim			Terry		Tim				Block B					$ 253.83	$ 230.76			72	144	$ 72.00	$ 556.59
85	02-Oct-20	Dave/Terry/Tim	Dave		Terry		Tim				Block B	$ 692.28				$ 253.83	$ 230.76		$ 89.00	72	144	$ 72.00	$ 1,337.87
86	05-Oct-20	Dave/Terry/Tim	Dave		Terry		Tim				Block B	$ 692.28				$ 253.83	$ 230.76		$ 89.00	72	144	$ 72.00	$ 1,337.87
87	06-Oct-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block C	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,710.43
88	07-Oct-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block C	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,710.43
89	08-Oct-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block C	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,710.43
90	09-Oct-20	Dave/Tim/Andrew	Dave			Andrew	Tim				Block C	$ 692.28	$ 285.56				$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,456.60
91	10-Oct-20	Dave/Terry		Dave	Terry						Rd 505	$ 692.28				$ 253.83			$ 89.00	40	80	$ 40.00	$ 1,075.11
92	13-Oct-20	Dave/Andrew/Tim/Beau	Dave			Andrew	Tim		Beau		Block C	$ 692.28	$ 285.56		$ 240.00		$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,696.60
93	14-Oct-20	Dave/Andrew/Tim/Beau	Dave			Andrew	Tim		Beau		Block C	$ 692.28	$ 285.56		$ 240.00		$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,696.60
94	15-Oct-20	Dave/Andrew/Tim/Beau	Dave			Andrew	Tim		Beau		Rd 505	$ 692.28	$ 285.56		$ 240.00		$ 230.76		$ 178.00	40	80	$ 40.00	$ 1,666.60
95	16-Oct-20	Dave/Andrew/Tim/Beau	Dave			Andrew	Tim		Beau		Block C	$ 692.28	$ 285.56		$ 240.00		$ 230.76		$ 178.00	70	140	$ 70.00	$ 1,696.60
96	17-Oct-20	Dave/Andrew/Beau	Dave			Andrew			Beau		Block C	$ 692.28	$ 285.56		$ 240.00				$ 178.00	70	140	$ 70.00	$ 1,465.84
97	22-Oct-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				Block A	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	35	70	$ 35.00	$ 1,675.43
98	23-Oct-20	Dave/Terry/Tim	Dave		Terry		Tim				Block B	$ 692.28				$ 253.83	$ 230.76		$ 89.00	72	144	$ 72.00	$ 1,337.87
99	26-Oct-20	Dave/Terry/Tim	Dave		Terry		Tim				Hwy Recon	$ 692.28				$ 253.83	$ 230.76		$ 89.00	42	84	$ 42.00	$ 1,307.87
100	05-Nov-20	Dave/Terry/Mark	Dave		Terry					Mark	Southern Showing	$ 692.28		$ 686.81		$ 253.83			$ 89.00	35	70	$ 35.00	$ 1,756.92
101	08-Nov-20	Dave/Andrew/Mark	Dave			Andrew				Mark	South Showing	$ 692.28	$ 285.56	$ 686.81					$ 178.00	35	70	$ 35.00	$ 1,877.65
102	09-Nov-20	Dave/Andrew/Tim	Dave			Andrew	Tim				Block A - 1012 Rd	$ 692.28	$ 285.56				$ 230.76		$ 178.00	35	70	$ 35.00	$ 1,421.60
103	10-Nov-20	Dave/Andrew/Tim	Dave			Andrew	Tim				Block A - 1012 Rd	$ 692.28	$ 285.56				$ 230.76		$ 178.00	35	70	$ 35.00	$ 1,421.60
104	13-Nov-20	Dave/Terry/Tim/Andrew	Dave		Terry	Andrew	Tim				K7 South Area	$ 692.28	$ 285.56			$ 253.83	$ 230.76		$ 178.00	30	60	$ 30.00	$ 1,670.43

104												$57,459	$15,991	$1,374	$6,480	$14,976	$14,769	$2,640	$12,371.00		8608	$4,304.00	$129,757.11	$41.39
Total Traverses			76	7	59	56	64	12	27	2		Total Dave Rate	Total Andrew Rate	Total Mark Rate	Total Beau Rate	Total Terry Rate	Total Tim Rate	Mike Total Rate	Total Room Cost		Total Km Travelled	Total Travel Cost	Total Traverse Costs	Total Traverse Lengths (km)
												83	56	2	27	59	64	12						5.21
												Total Days Dave	Total Days Andrew	Total Days Mark	Totals Days Beau	Total Days Terry	Total Days Tim	Total Days Mike						Average Traverse Length (km)

*Room costs apply only to Andrew, Mark and Dave
**Distances are measured from the town of White River, ON

Appendix I – Rock Sample Analytical Cost Summary

Invoice #	No. Samples	RX1-1-T ($8/sample)	1A2 ($8/sample)	1A2-Tbay ($9/sample)	1A3 ($9/sample)	1A4 ($45/sample)	1A4-1000 ($50/sample)	UT-6 ($28/sample)	Shipping	Rice Bags ($1.1/bag)	Poly Bags ($87.5/case)	Subtotal Cost
A20-07834	16	$ 128.00	$ 128.00					$ 448.00				$704.00
A20-07835	15	$ 112.00	$ 120.00					$ 420.00				$652.00
A20-08227	29	$ 224.00	$ 232.00					$ 812.00				$1,268.00
A20-08671	28	$ 224.00	$ 224.00					$ 784.00				$1,232.00
A20-10476	12	$ 88.00	$ 96.00		$ 18.00	$ 90.00		$ 336.00				$628.00
A20-09186	20	$ 152.00	$ 160.00					$ 560.00				$872.00
A20-09480	22	$ 168.00		$ 198.00	$ 72.00	$ 315.00		$ 616.00				$1,369.00
A20-09852	9	$ 64.00	$ 72.00					$ 252.00				$388.00
A20-12267	26	$ 200.00	$ 208.00					$ 728.00				$1,136.00
A20-10972	13	$ 96.00	$ 104.00					$ 364.00				$564.00
A20-11393	6	$ 48.00	$ 48.00		$ 18.00		$ 100.00	$ 168.00				$382.00
A20-12642	26	$ 200.00	$ 208.00					$ 728.00				$1,136.00
A20-13077	13	$ 96.00	$ 117.00	$ 117.00				$ 364.00				$694.00
A20-13601	20	$ 152.00		$ 180.00	$ 9.00			$ 560.00				$901.00
A20-14401	7	$ 48.00		$ 63.00				$ 196.00				$307.00
A20-15126	6	$ 40.00		$ 54.00				$ 168.00				$262.00
A20-15009	11	$ 80.00		$ 99.00				$ 308.00				$487.00
A20-01292									$ 183.71			$183.71
A20-06523										$ 330.00	$ 700.00	$1,030.00

	279	$ 2,120.00	$ 1,717.00	$ 711.00	$ 117.00	$ 405.00	$ 100.00	$ 7,812.00	$ 183.71	$ 330.00	$ 700.00	$14,195.71
	Total No. Samples	Total RX1-1-T	Total of 1A2 Analysis	Total 1A2-Tbay	Total 1A3 Anaysis	Total 1A4 Analysis	Total 1A4-1000	Total UT-6 Analysis	Total Shipping	Total Rice Bags	Total Poly Bags	Total Analytical Cost

Appendix J – Soil Sample Analytical Cost Summary

Invoice #	No. Samples	S1 DIS ($3.75/Sample)	UT-6 ($28.00/Sample)	1A2 ($8.00/Sample)	1A2 ($9.00/Sample)	Subtotal Cost
A20-09188	93	$348.75	$2,604.00	$744.00		$3,696.75
A19-09481	22	$82.50	$616.00		$198.00	$896.50
	115	$431.25	$3,220.00	$744.00		$4,593.25
	Total Samples	Total S1 DIS Analysis	Total UT-6 Analysis	Total 1A2 Analysis	Total 1A2 Analysis	Total Analytical Cost

Appendix K – Cost Distributions Per Claim

Cost Distribution Per Claim			
Claim #	**Traverse Distance (Km)**	**Proportion of Traverses**	**Cost Allocated**
188477	0.35	0.00064	$98.41
265657	1.02	0.00188	$289.07
531085	2.44	0.00451	$691.90
531088	0.52	0.00096	$146.77
531089	1.02	0.00188	$288.53
531090	0.29	0.00053	$80.89
531112	2.23	0.00412	$632.02
531113	3.20	0.00591	$907.36
531114	0.35	0.00065	$99.12
531115	4.01	0.00741	$1,136.83
531116	21.62	0.03993	$6,126.01
531117	40.00	0.07389	$11,337.68
531118	29.86	0.05515	$8,461.35
531119	4.15	0.00766	$1,175.92
531120	21.82	0.04031	$6,184.52
531121	18.56	0.03429	$5,260.87
531157	3.33	0.00615	$943.93
531160	15.74	0.02907	$4,460.63
531161	16.40	0.03029	$4,647.54
531162	15.63	0.02887	$4,430.22
531164	4.64	0.00857	$1,315.36
531165	3.02	0.00558	$855.77
531166	0.40	0.00073	$112.77
531167	1.73	0.00319	$489.37
531168	2.72	0.00502	$769.93
531170	1.26	0.00232	$356.64
531177	9.57	0.01767	$2,711.43
531178	58.25	0.10759	$16,508.02
531180	1.26	0.00233	$358.18
531271	0.09	0.00016	$25.22
531273	20.25	0.03741	$5,739.63
531274	3.61	0.00666	$1,022.63
531275	71.99	0.13298	$20,403.66
531276	17.32	0.03200	$4,909.53
531277	21.87	0.04040	$6,198.90
531278	6.68	0.01233	$1,892.13
531283	1.16	0.00214	$327.66
531284	37.00	0.06834	$10,485.56
531285	27.36	0.05053	$7,752.79
531286	1.05	0.00193	$296.59
531287	0.00	0.00000	$0.39
531288	15.83	0.02923	$4,485.43
531289	3.21	0.00593	$909.41
531292	0.43	0.00079	$120.76
531293	0.50	0.00092	$141.82
531296	0.46	0.00084	$128.96
531297	0.50	0.00092	$141.70
531298	0.76	0.00141	$216.48
531299	0.85	0.00157	$241.20
531300	0.78	0.00144	$220.47
531301	0.98	0.00181	$277.41
531344	2.89	0.00533	$818.21
564960	0.68	0.00126	$192.89
564963	3.95	0.00730	$1,120.64
564964	10.67	0.01970	$3,023.18
564965	0.65	0.00120	$184.77
564966	4.52	0.00835	$1,281.13
	541.39	**1.00**	**$ 153,436.19**
	Total Traverse Distance (Km)	**Total Proportion**	**Total Cost**

Appendix L – Prospecting Maps

622000.000 642000.000 662000.000 682000.000

5420000.000 5400000.000

042F03 042C14 042C15 042C11 042C10

WELSH MATTHEWS BAYFIELD BEATON LIPTON LIZAR BRECKENRIDGE GOURLAY MAGONE HAMBLETON JOHNS ODLUM STRICKLAND NAMEIGOS MOSAMEEK COMMON TEDDER ABRAHAM COOPER DOUCETT

Marlanews Lake Gourlay Lake Doyenneswan Lake White River

17 631

N

HARTE GOLD CORP

SUGAR ZONE PROPERTY
2020 Prospecting Traverse Lines

Legend
- Roads
- 2020 Prospecting Tracks
- Harte Gold Grouped Mineral Claims
- Township Boundaries
- Provincial NTS Grid - 50K

Projection: NAD 83 / UTM Zone 16N

0 2 4 km

Scale: 1:60000

By: Andrew Wehrfritz February 2021

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WELSH MATTHEWS BAYFIELD BEATON LIPTON

042C14 042C15 042C11 042C10

MAGONE HAMBLETON GOURLAY BRECKENRIDGE LIZAR

JOHNS ODLUM STRICKLAND NAMEIGOS MOSAMBIK

COMMON TEDDER COOPER DOUCETT

ABRAHAM HUNT

White River

SUGAR ZONE PROPERTY
2020 Prospecting
Float Stations

HARTE GOLD CORP

N

Legend

- Harte Gold Grouped Mineral Claims
- Harte Gold - Township Boundaries
- Provincial NTS Grid - 50k

Station Points

FLOATS_2020

- 1a
- 1A
- 1B
- 1H
- 1Z
- 2E
- 3a
- 3A
- 3B
- 4B
- 4e
- 4E
- 5a
- 5A
- 5b
- 5B
- 5E
- 6B
- 6E
- 7A
- QV

Projection: NAD 83 / UTM Zone 16N

0 2 4 km

Scale: 1:60000

By: Andrew Wehrfritz

February 2021

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042F03 042C14 042C15 042C11 042C10

WELSH MATTHEWS BAYFIELD BEATON LIPTON

MAGONE HAMBLETON GOURLAY BRECKENRIDGE LIZAR

JOHNS ODLUM STRICKLAND NAMEIGOS MOSAMBIK

COMMON TEDDER ABRAHAM COOPER DOUCETT HUNT

Matthews Lake Gourlay Lake Daybreak Lake Kawinogo Lake White River

SUGAR ZONE PROPERTY

2020 Prospecting
Possible Outcrop

Legend

- Harte Gold Grouped Mineral Claims
- Harte Gold - Township Boundaries
- Provincial NTS Grid - 50k

Station Points

POC_2020

- 1A
- 1H
- 3A
- 4E
- 5A
- 5B
- 5E
- 7A
- QV

Projection: NAD 83 / UTM Zone 16N

0 2 4 km

Scale: 1:60000

By: Andrew Wehrfritz

February 2021

642000.000 662000.000 682000.000

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042F03 042C14 042C15 042C11 042C10

WELSH MATTHEWS BAYFIELD BEATON LIPTON MAGONE HAMBLETON GOURLAY BRECKENRIDGE LIZAR JOHNS ODLUM STRICKLAND NAMEIGOS MOSAMBIK COMMON TEDDER COOPER DOUCETT ABRAHAM HUNT

Matthews Lake Gourlay Lake Daybreak Lake Kawinogo Lake White River

SUGAR ZONE PROPERTY

2020 Prospecting Outcrop Stations

Legend

- Harte Gold Grouped Mineral Claims
- Harte Gold - Township Boundaries
- Provincial NTS Grid - 50k

Station Points

OC_2020

- 1a
- 1A
- 1B
- 1H
- 2E
- 3a
- 3A
- 4B
- 4e
- 4E
- 5a
- 5A
- 5b
- 5B
- 5E
- 6B
- 6E
- 7A
- QV

Projection: NAD 83 / UTM Zone 16N

0 2 4 km

Scale: 1:60000

By: Andrew Wehrfritz

February 2021

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042F03 042C14 042C15 042C11 042C10

WELSH MATTHEWS BAYFIELD BEATON LIPTON

MAGONE HAMBLETON GOURLAY BRECKENRIDGE LIZAR

JOHNS ODLUM STRICKLAND NAMEIGOS MOSAMBIK

COMMON TEDDER COOPER DOUCETT

ABRAHAM HUNT

White River

SUGAR ZONE PROPERTY

2020 Prospecting Rock Samples

Legend

Rock Samples - 2020 Prospecting

- 2020 Prospecting Samples
- Harte Gold Grouped Mineral Claims
- Harte Gold - Township Boundaries
- Provincial NTS Grid - 50k

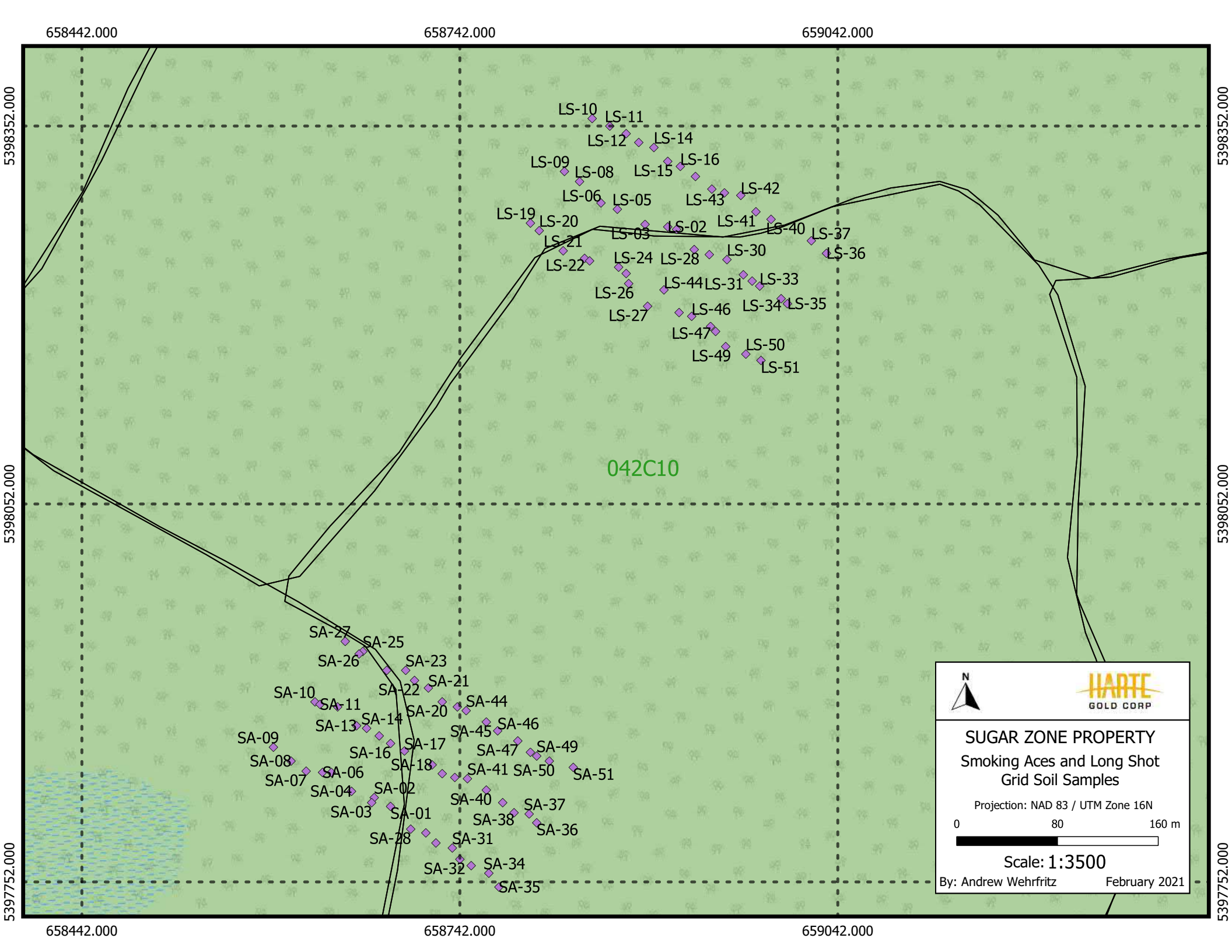
Projection: NAD 83 / UTM Zone 16N

0 2 4 km

Scale: 1:60000

By: Andrew Wehrfritz

February 2021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SA-34
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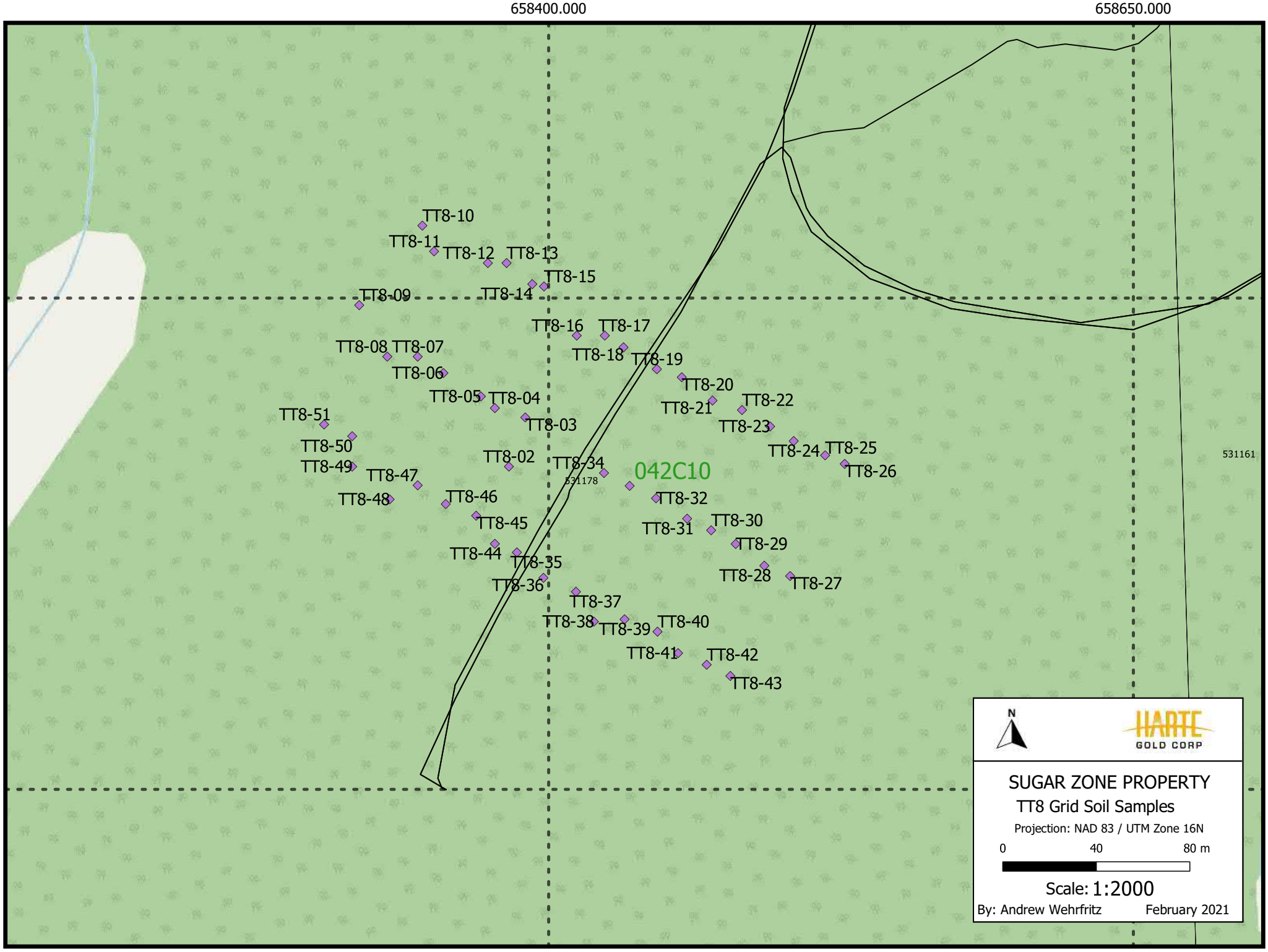
IAMGOLD
GOLD CORP
SUGAR ZONE PROPERTY
Smoking Aces and Long Shot
Grid Soil Samples
Projection: NAD 83 / UTM Zone 16N
0
80
160 m
Scale: 1:3500
By: Andrew Wehrfritz
February 2021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TT8-40
TT8-41
TT8-42
TT8-43
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HARTE GOLD CORP
SUGAR ZONE PROPERTY
TT8 Grid Soil Samples
Projection: NAD 83 / UTM Zone 16N
0
40
80 m
Scale: 1:2000
By: Andrew Wehrfritz
February 2021