BC Geological Survey
Assessment Report
35974

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Drilling, Geochemical, Geological, Geophysical **TOTAL COST:** $2,237,362.50

AUTHOR(S): Tyler Fiolleau, P.Geo, Max Kaczmer, G.I.T **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): May 1, 2020 to October 8, 2020 Permit: 0100071 **YEAR OF WORK:** 2020

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): October 8 Event #: 5845821

PROPERTY NAME: Doc Project

CLAIM NAME(S) (on which the work was done): 1031031, 1036878, 1036939, 1036953, 1036954, 1036955, 1033369, 1036952,

COMMODITIES SOUGHT: Gold, Silver, Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Skeena **NTS/BCGS:** 104B 08

LATITUDE: N56 ° 44 ' 14.13 " **LONGITUDE:** W131 ° 00 ' 42.03 " **(at centre of work)**

OWNER(S):

1) Bot, John Chrisostom 102844
2) Richard Mill 104874

MAILING ADDRESS:

Box 4373
Quesnel, BC V2J 3J4

20071 37 Ave
Langley BC V3A 6K3

OPERATOR(S) [who paid for the work]:

1) Hanstone Gold Corporation 288493
2)

MAILING ADDRESS:

970 - 777 Hornby Street
Vancouver BC V6Z 1S4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Epithermal Vein Hosted Au, Cu, Ag, VMS, Porphyry Au,

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 05239, 05512, 08925, 15615, 16708, 18306, 18367, 18622, 19429, 19625, 19995, 32600, 36704, 38974

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other	Satellite Analysis	1031031, 1036878, 1036939, 1036952	$24,006.25
Airborne	Aeromagnetic Survey	1036939, 1036952, 1036954	$21,929.53
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	28 Samples	1036952, 1036954, 1036953, 1036939	$58,986.63
Other			
DRILLING (total metres; number of holes, size)			
Core	2724 m, 21 holes HQ	1036952, 1036954, 1036953	$842,070.17
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Support and other costs as per cost statement		$1,290,369.92
		TOTAL COST:	$2,237,362.50

HANSTONE GOLD

Hanstone Gold Corp
970-777 Hornby Street
Vancouver, BC V6Z 1S4

Doc Project Assessment Report
2020 Mineral Exploration Program

Located in the Skeena Mining Division
BCGS Map Sheet 104B 08
N56° 44’ 14.14”
W131° 00’ 42.04”

Event Number: 5845821

- Mineral exploration was carried out on claims 1031031, 1036878, 1036939, 1036953, 1036954, 1036955, 1033369, 1036952 including prospecting, sampling, satellite analysis, UAV High Resolution Magnetic Survey, and Diamond Drilling

Prepared by: AXIOM GROUP

December 3, 2021

ASSESSMENT REPORT ON
2020 EXPLORATION ACTIVITIES

DOC PROJECT
BRITISH COLUMBIA, CANADA

PROJECT #: 20.3037.HSG

HANSTONE GOLD

PREPARED FOR:
HANSTONE GOLD CORP.
ATTENTION TO: RAY MARKS
SUITE 600, 890 WEST PENDER STREET
VANCOUVER, BC, CANADA

PREPARED BY:
AXIOM EXPLORATION GROUP LTD.
SUITE 101 - 3239 FAITHFULL AVENUE
SASKATOON, SK, CANADA

AXIOM EXPLORATION

MAX KACZMER, G.I.T.
TYLER FIOLLEAU, P.GEO.
MATTHEW SCHWAB, P.GEO.

May 2021

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1. SUMMARY

In May of 2020, Hanstone Gold Corp. (the Client) engaged Axiom Exploration Group Ltd. (Axiom) to design, manage and execute a diamond drill program on their Doc Property mineral dispositions (the Property) located in northwestern British Columbia, Canada (Figures 1 & 2). In addition to the diamond drill exploration program a Satellite Analysis of the Doc Property was completed to aid in drill targeting.

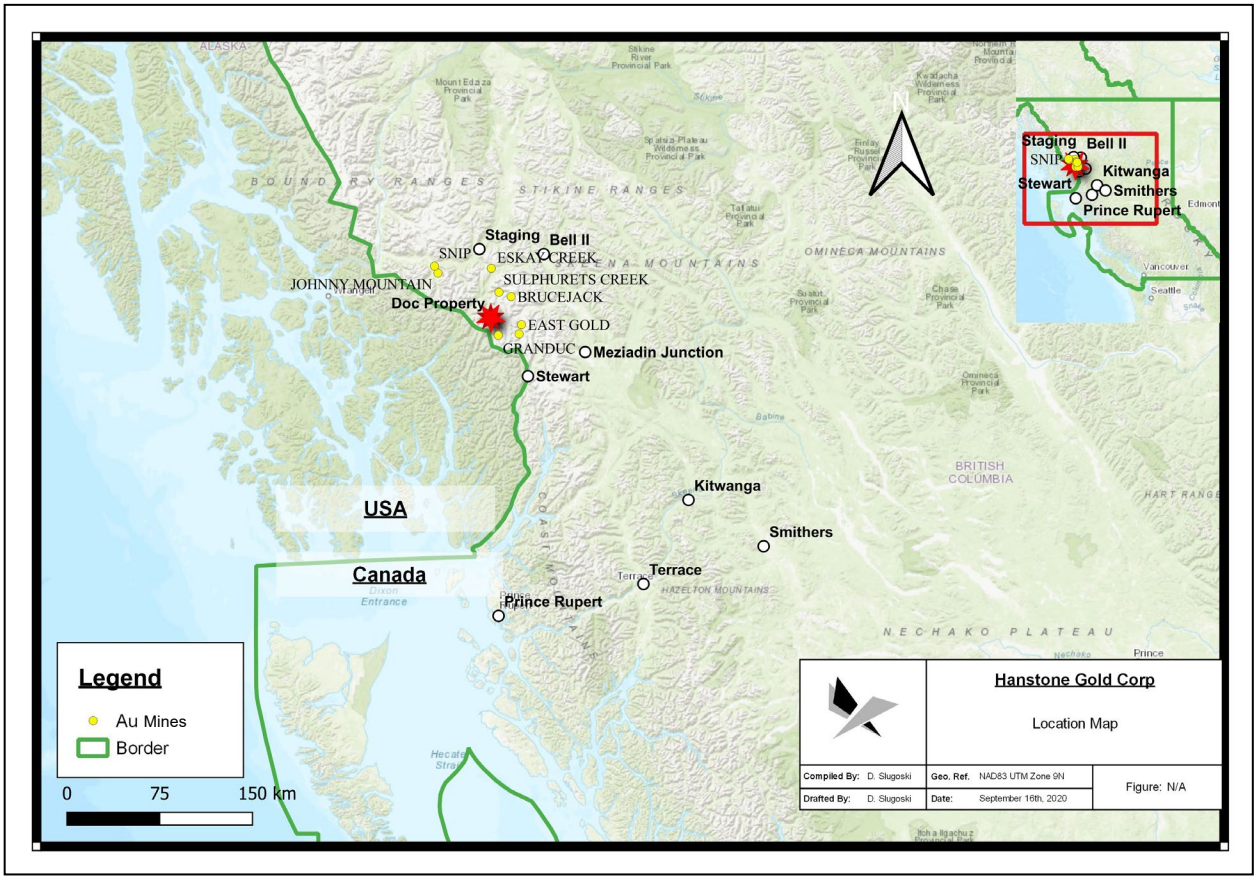

Figure 1: Doc Project Location Map

1.1. SUMMER 2020 DIAMOND DRILLING PROGRAM

Personnel mobilized from Saskatoon, Saskatchewan to Terrace, British Columbia on July 17, 2020. Completion of drilling and demobilization of equipment and field crews occurred on Oct 8, 2020.

The summer 2020 exploration program on the Doc Property consisted of diamond drill program with 21 diamond drill holes completed totalling 2724 meters. Diamond drill holes (DDH) Q19-20-01, 02, 03, 04 and GR-20-01, 02, 03 were drilled on disposition 1036954 and DDH DC-20-01, 02, 03, 04 and GR-20-04, 05, 06, were drilled on disposition 1036952. The Doc Zone was tested with 11 drill holes totalling 1323 meters, the Q19 zone was tested with four drill holes totalling 663 meters and the Galena Ridge Zone was tested with six drill holes totalling 738 meters.

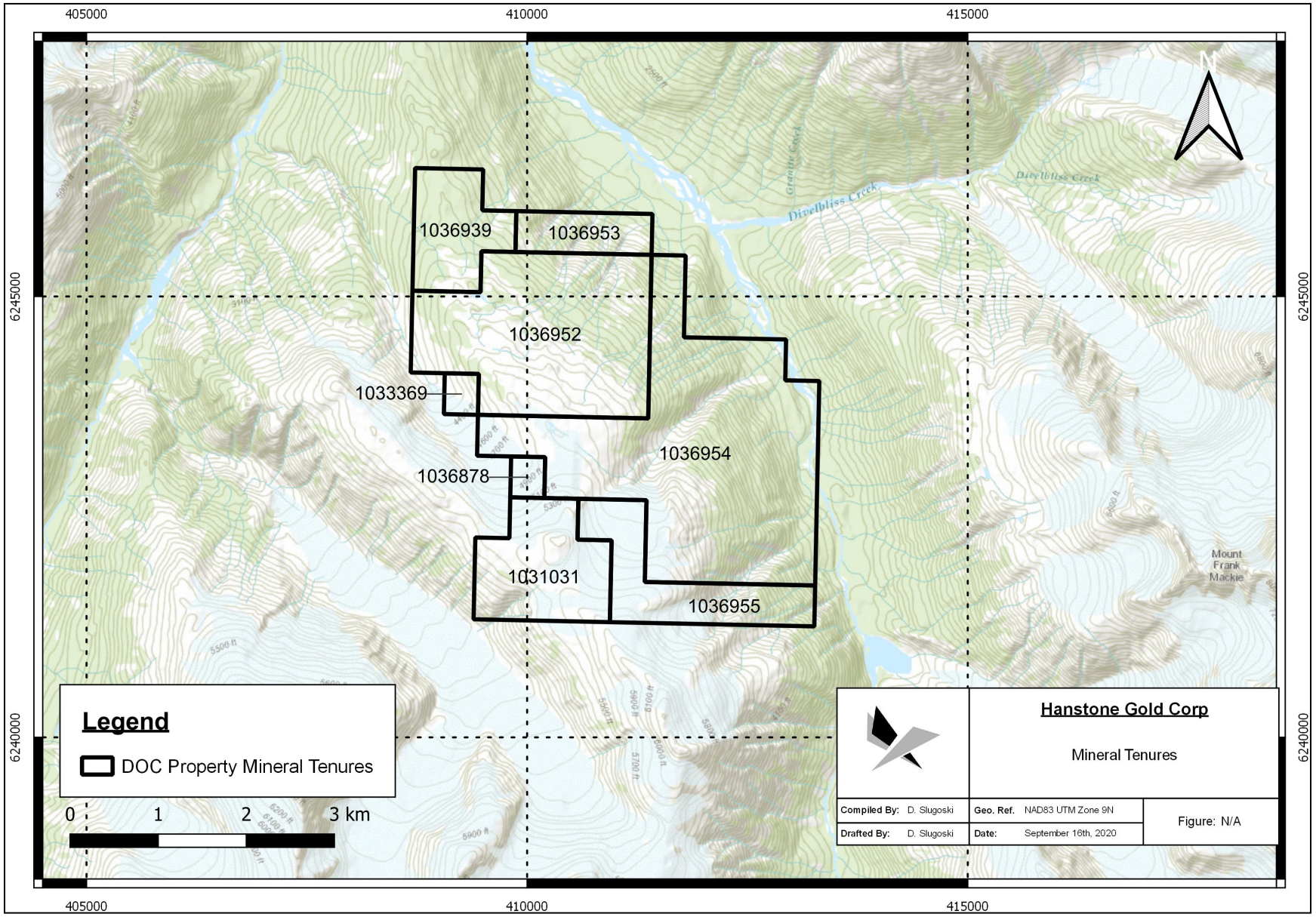

Figure 2: Doc Property Mineral Disposition

2. INTRODUCTION & PROPERTY OVERVIEW

The following report documents the Summer 2020 exploration program carried out on the Doc project by Axiom Exploration Group Inc on behalf of Hanstone Gold Corp.

2.1. LOCATION, INFRASTRUCTURE, ACCESS & LOCAL RESOURCES

The Doc Property is located approximately 55 kilometers northeast of Stewart, British Columbia within the NTS map area 104B-08, with its centre at about 130° 26' W longitude and 56° 19' N latitude. The mineral claims cover 1704.23 hectares (ha) (Table 1) and consists of eight contiguous British Columbia Mineral Dispositions (Figure 2).

Primary access to the Property is via helicopter from the staging area at kilometer 32 on Eskay Mine Road which is located 50 kilometers north of the Doc Property. Secondary helicopter assessable staging areas are located at Bell 2, BC (60 kilometers northwest) and Stewart, BC (50 kilometers south-southwest). The Eskay Mine road is an all-weather gravel access road connecting provincial Highway 37 to the Eskay Creek Mine Site. Target areas on the Property can be accessed by combination of helicopter and all-terrain vehicle in the summer and by helicopter in the winter.

Stewart is the closest community to the Doc Property with a population of over 400. The village hosts local businesses, a healthcare facility, a school, a local airport, an ice-free ocean port, and a bank, but has limited access to industrial and exploration support services. Terrace and Smithers are cities with population of 11,500 and 5,300 and can be to from staging or Stewart in approximately 3.5 hours.

2.2. CLIMATE & PHYSIOGRAPHY

The Property is located on the north edge of Mount Willbert between 1500 and 1750 meters above sea level. Outcrop exposure is variable due to the tree line with less than 3% exposure below 1200 meters and up to 25% exposure above 1200 meters. Above 1200 meters vegetation is minimal and covered with snow for most of the year, with portions of the mountain covered by glacier ice. Scree covers most of the outcrop once the snow melts in the summer. Vegetation below 1200 meters is comprised of mainly pine and spruce.

The Property area is located within a humid continental climate region which is characterised by relatively well distributed year-round precipitation, warm and often humid summers, and cold winters.

The ocean and maritime influences have a local effect on the climate of the Property causing mild winters and cool summers relative to the interior of BC. On average the Property will receive 1866 millimeters of precipitation per year and a yearly average temperature of 6° Celsius.

According to Environment and Natural Resources Canada, temperatures cross the Property typically range from an average low in January of -10.8° Celsius to an average high of 24.1° Celsius in July Average annual precipitation is 540.3 mm, while the average annual snowfall is 177.9 cm (Government of Canada 2020).

3. GEOLOGY

3.1. REGIONAL GEOLOGY

The Doc Property is situated within the Stikine Terrane which defines the westernmost boundary of the Intermontane Belt. The Intermontane Belt is bounded by the plutonic rocks of the Coast Crystalline Complex Belt to the west and the Omineca Belt to the east. The Stikine terrane is interpreted to be composed of the five major stratigraphic units which include the Devonian to Permian Stikine Assemblage, the Late Jurassic Stuhini Group, early to middle Jurassic Hazelton Group, early to middle Jurassic to Cretaceous Bowser Lake Group and upper Miocene to Holocene Mount Edziza volcanic complex (Barresi and Dostal 2005). The Stikine assemblage comprises mostly Mississippian arc,back-arc volcanics and meta sedimentary rocks that are unconformably overlain by the Stuhini Group rocks (Cutts, et al. 2014). The Stuhini Group was formed in an intra-oceanic arc setting during the upper Triassic and is characterized by mafic to intermediate flows with intercalated siliciclastic sedimentary rocks with minor carbonate intervals and related intrusions (Alldrick and Barresi 2004). The Hazelton Group unconformably overlies the Stuhini Group and represents the final stages of magmatic arc activity of the Stikine assemblage and its incorporation into the cordilleran tectonic collage (Gagnon, et al. 2012). The Hazelton Group was fed by two parallel subduction zones of the Insular microplate beneath the Intermontane Plate and the Intermontane plate beneath ancestral north America (Nelson and Kyba 2014). During the middle to late Jurassic, the Stikine and other terranes collided with each other which eventually led to their accretion into the North American Plate. This caused erosion of the mainly uplifted Cache Creek terrane rocks which lead to the deposition of the Bowser Lake Group sedimentary basin and overlays the Hazelton Group (T. Barresi 2015).

The Doc Property is mainly situated over metamorphosed volcanic and lesser meta-sedimentary rocks of the Stuhini group and the coeval intrusions of the Bronson Stock. Lithology consists of mafic to intermediate volcanic rocks intercalated with siliciclastic and calcareous sedimentary rocks.

3.2. LOCAL GEOLOGY

The Doc Property lies on the western side of the South Unuk River fault and is situated over late Triassic metamorphosed volcanic and meta-sedimentary rocks of the Stuhini Group. Stuhini Group rocks are intruded by coeval late Triassic Bronson Stock metadiorites as well as a variety of plutonic to sub-volcanic dykes (Figure 4). Detailed mapping was carried out on the Property in 1988 and 1989 by Glover and Freeze.

3.2.1. LITHOLOGICAL UNITS

STUHINI GROUP

Stuhini Group rocks on the Property comprise five polydeformed sub-units consisting of schistose to gneissic volcaniclastics, metapelites, marbles, and flows (Glover and Freeze, 1989). Mafic to intermediate volcanic rocks comprise fine grained, light to dark green biotite-chlorite-hornblende schists, with a well-developed foliation. These rocks are interpreted to be derived from a volcanic protolith of andesitic composition. Mafic to intermediate tuffs and tuffaceous sedimentary rocks are characterized by 1–2-centimeter thick, alternating

melanocratic and leucocratic layers of fine to medium grained gneissic banding. These rocks are dominantly green, and contain abundant epidote and chlorite, respectively segregated into pale and dark bands. Siliciclastic sedimentary rocks are grey to rusty brown and characterized by a weakly foliated fabric. These rocks are generally thinly bedded, locally with thicker, more massive intervals, with dark, heavy minerals inferred to define bedding planes. Calcareous sedimentary rocks present as interbeds and laminations within the above-described siliciclastic sedimentary horizons. These rocks are grey to buff weathering, and contain a calcsilicate mineral assemblage that includes garnet, epidote, and rare diopside. Texturally these rocks range from fine grained siltstones with carbonate cement, to more crystalline, carbonate rich marls. Marble represents perhaps the only easily identifiable, continuous lithological contact within the Stuhini Group. This unit is present north of the Doc Zone, and trends north-northwest down into the South Unuk River valley. This unit is generally massive, though well-preserved isoclinal folds are observed where bedding is present.

INTRUSIVE ROCKS

Stuhini Group rocks are intruded by a variety of plutonic to sub-volcanic intrusive units. Glover and Freeze (1989) identify at least three discrete pulses of magmatism that account for this variety. The oldest intrusions on the Property are believed to be upper Triassic in age and characterized as mafic to intermediate, ranging from diorite to gabbro, with a similar overall composition to the mafic volcanic units underlying the Doc Property. Triassic aged intrusions commonly show well developed gneissic banding, characterized by melanocratic bands of hornblende and biotite interlayers with pale bands of quartz and plagioclase. Historically, the gneissic banded metadiorites found on the Property were grouped into the Bucke Glacier Stock; however, recent mapping by the Mineral Deposit Research Unit (“MDRU”) at the University of British Columbia (Lewis et al. 2013) classifies these as Bronson Stock diorites. There can be some difficulty differentiating gneissic banded diorites from intermediate to mafic meta-tuff of the Stuhini Group, which when metamorphosed may exhibit similar textures. The British Columbia Geological Survey (“BCGS”) (Massey et al. 2005) age dated a second metadiorite body southeast of the main adit at the Doc Zone using K/Ar dating techniques and determined it is of middle Jurassic Age (170±1.7 Ma). The intrusive rocks are medium grained, lineated to gneissic banded hornblende-plagioclase bearing diorite. The authors have not been able to locate a primary source for this description or age date outside of the regional compilation map legend. This unit was also conspicuously absent from the Lewis et al. (2013) mapping effort.

Late Cretaceous to Eocene monzodiorites of the Coast Plutonic Complex were observed within a few kilometers of the western margin of the Property. In contrast to the Triassic aged metadiorites, these rocks are relatively fresh, and unmetamorphosed. The large intrusive body, coupled with accretionary tectonic forces, likely accounts for the regional metamorphism grade associated with the Triassic aged strata and intrusive rocks. Several phases of dykes are also present across the Doc Project, indiscriminately cutting intrusive and stratified rocks. Milky white to buff coloured fine grained quartz aplite dykes were found locally during 2019 field work. These dykes comprise acicular voids, inferred to be weathered out fine mafic minerals. Glover and Freeze (1989) note that while these aplite dykes appear to cut both the schistosity and gneissic banding, they are commonly folded (isoclinal) and locally pinch and swell. They interpret these dykes as syn-deformational structures. Dark grey-green to black, fine grained diabase dykes are also found locally.

3.2.2. STRUCTURAL GEOLOGY

The Doc Property lies on the western side of the South Unuk River fault, a regionally significant structure that trends northwest, paralleling the South Unuk River valley. The South Unuk River fault dips 70 to 80 degrees to the northeast and strikes approximately 335 degrees (Glover and Freeze, 1989).

West of this fault, regional metamorphism has reached up to amphibolite facies. As a result of this metamorphism, most units on the Property have a well-developed foliation, manifested as either schistosity (platy cleavage) or gneissic banding. Foliation is commonly sub-parallel to bedding within sedimentary strata and appears to be axial planar to small-scale, shallowly northwest plunging isoclinal folds (F1) developed in sedimentary strata, indicating the folding is coeval with regional metamorphism. A second generation of southwesterly verging macroscopic chevron folds (F2) overprints F1 folding, resulting in the complex fold interference pattern observed throughout the Property.

Mineralization on the Doc Project is hosted within steeply north dipping, west-northwest striking, shear-hosted quartz veins. Multiple shear zones have been observed across the Property, and these are commonly associated with precious metal-bearing sulphides along the footwall and hanging wall of the quartz veins. These shear zones all trend sub-parallel to each other, cut all lithologies, and are similarly discontinuous along their strikes. It can be interpreted that this property-scale shearing event post-dates the emplacement of the intrusive units, and is either co-eval with, or postdates the F2 deformation event.

The polyphase deformation is most prominent in sedimentary strata, particularly in the interbedded siliciclastic and calcareous units. The apparent similarities between gneissic volcaniclastic and intrusive units has hindered previous efforts to produce detailed and accurate geological maps of the Doc Property. Effort was made during the 2013 mapping program to differentiate marble horizons in the northeast from other sedimentary and volcanic strata to the south. As development on the Doc Property proceeds, it is recommended that a concerted effort be placed into properly differentiating and delineating the contacts between stratified and intrusive rocks, particularly in areas along strike from known mineralized veins. As previous studies have noted, mineralized quartz veins appear to be preferentially emplaced into competent crystalline metavolcanic rocks, as opposed to less competent, ductile deformed sedimentary strata. Efforts to constrain contacts of various lithological units would be of great benefit to future exploration.

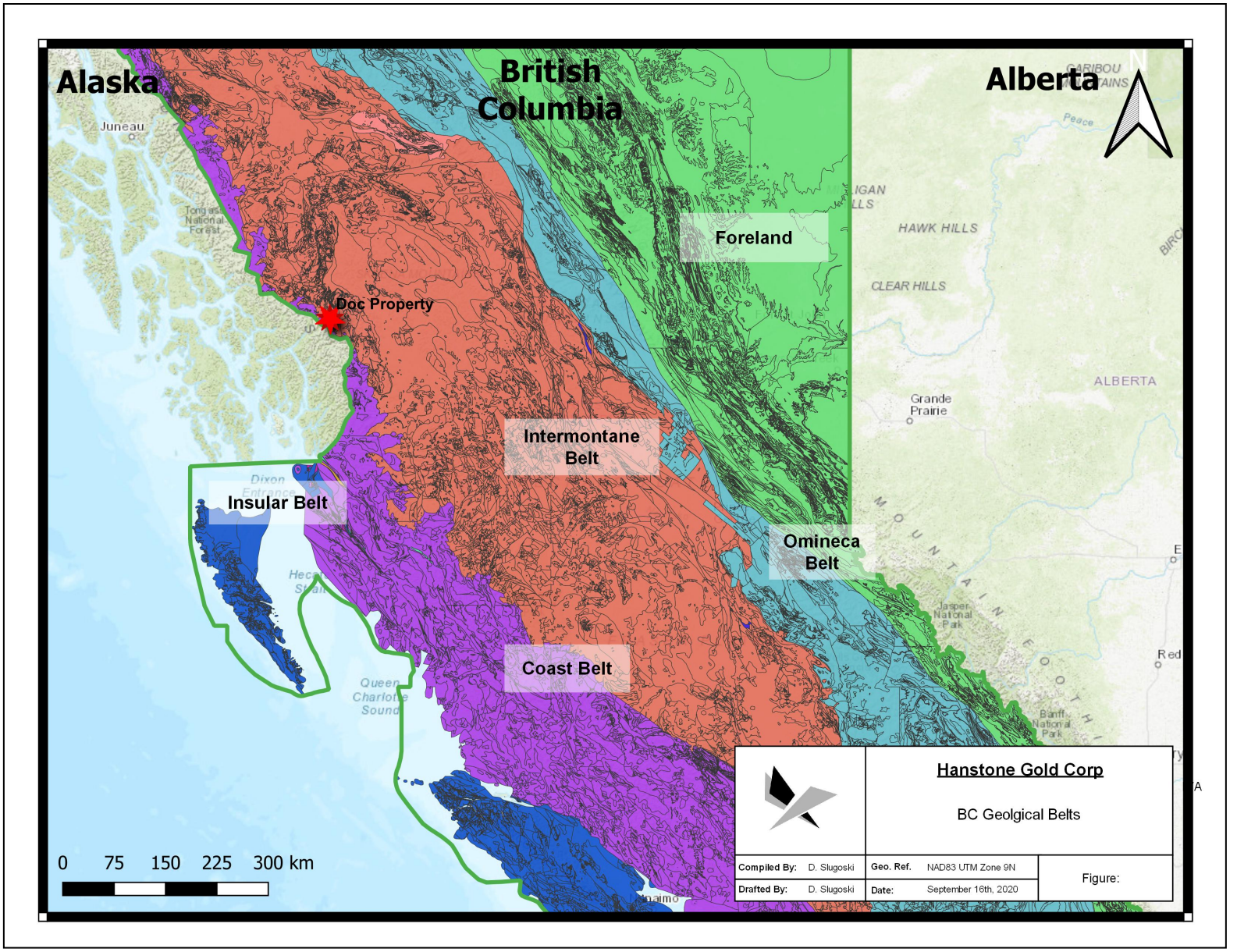

Figure 4: BC Geological Belts

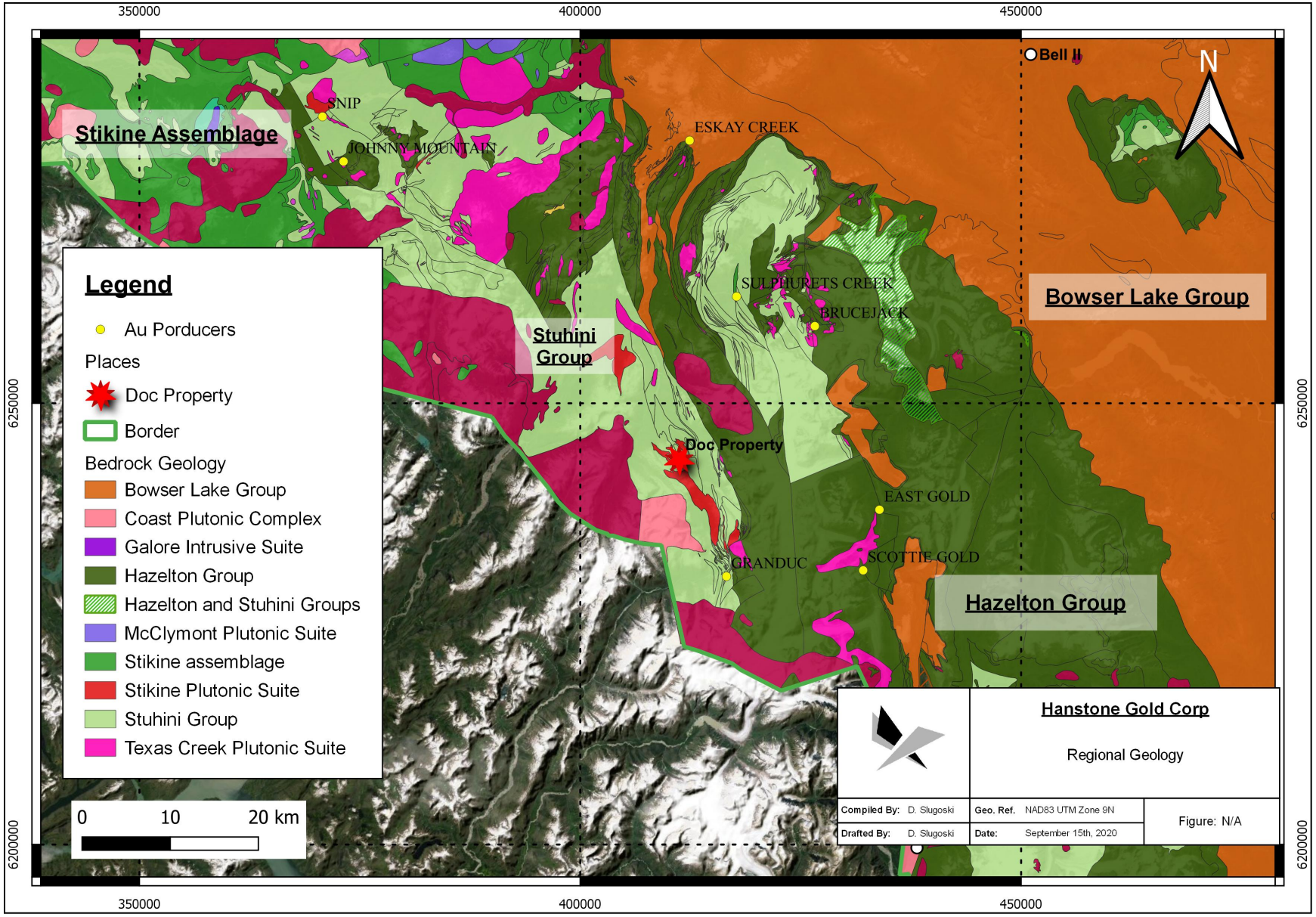

Figure 5: Regional Geology (J. L. Nelson 2019)

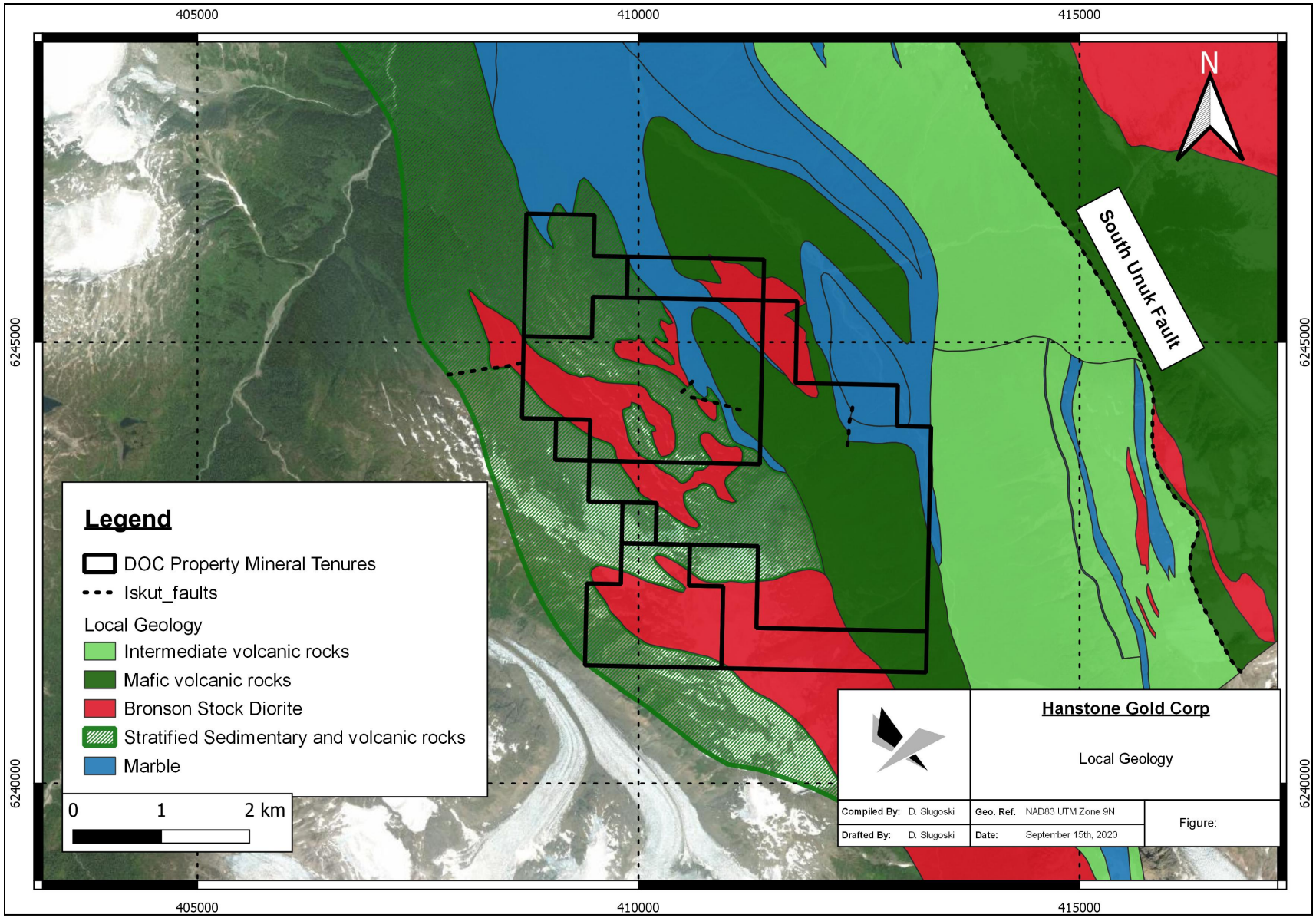

Figure 6: Doc Property Local Geology

3.3. MINERALIZATION TYPE

Previous work on the Doc Property identified the potential for different styles of precious and base metals mineralization. Three principal types of mineralization occur at the Doc Project: 1) gold- and silver-rich quartz veins; 2) replacement style skarn with potential to host base and precious metals mineralization and 3) volcanogenic massive sulphide base metal mineralization. Previous operators noted the most important of the three are the precious metals-enriched quartz veins, which have been the primary focus for most work done on the Property to date.

Mineralized quartz veins are thought to be a product of a localized epithermal intermediate sulphidation model. Intermediate sulfidation (IS) veins are one of the subtypes of epithermal deposits formed in subduction-related arc settings or post-collisional orogenic belts (Wang et al. 2019). IS deposits are presumably controlled by tectono-magmatic settings and fluid evolution paths. Ore deposition occurs where fluids ascend rapidly resulting in a composition change several hundred meters below the surface (Figure). This process favours precipitation of bisulfide-complexed metals such as gold. This style deposit is often associated with syn-ore dykes as well as the possibility of being connected to a porphyry stock (Wang et al. 2019).

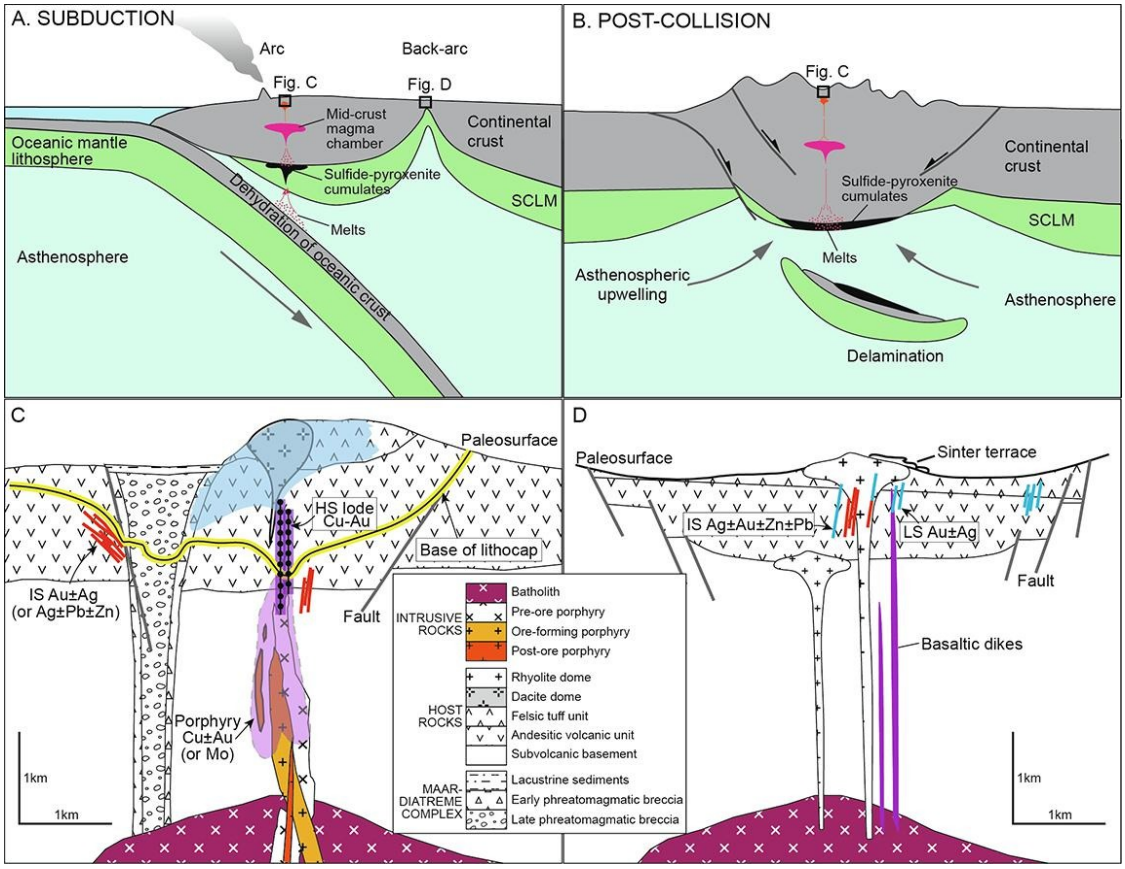

Figure 8: Epithermal Mineralization Deposit Model (Wang et al. 2019)

The above figure is a simplified model of a typical epithermal system. However, the mineralization that occurs on the Doc Project has been further deformed and remobilized.

Freeze et al. (1989) noted that the veins in the Doc Zone have undergone multiple phases of movement, via brittle fracturing of the central bull quartz vein and emplacement of sulphides, followed by re-brecciation and shearing of the veins. The sense of displacement of the shear zone indicates reverse movement (north-side up) with a component of right-lateral movement. The preferred model involves initial development of en-echelon tension fissures, with subsequent progressive shearing. It was also noted that veins are best developed in competent metavolcanic rocks and diminishes in intensity and grade within sedimentary rocks. The best gold and silver grades are reported in massive to semi-massive sulphides along the footwall and hanging wall margins of the veins.

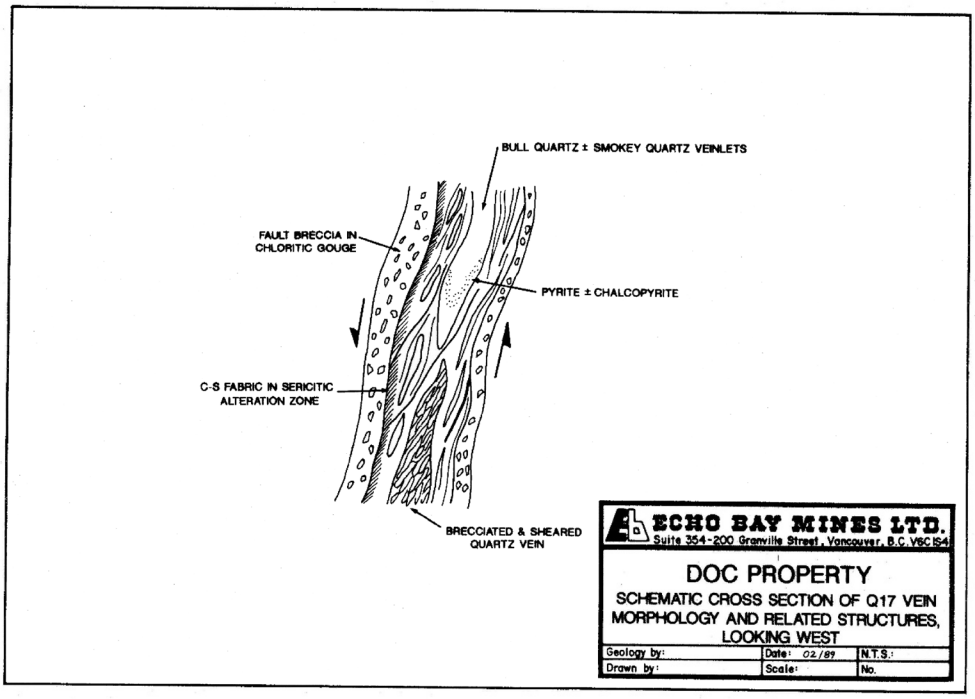

Figure 9: Schematic Cross Section of the Q17 Vein (Freeze et al. 1989)

The Doc Property is located within the NTS map area 104B08, with its centre at about 130° 26' W longitude and 56° 19' N latitude. The Property covers 1704.23 hectares (ha) and consists of eight contiguous mineral claims (Figure 2). The current status of the mineral claims is listed in Table 1 as of April 26, 2021. On August 17, 2020, Hanstone Gold Corp., a public company listed on the TSX Venture Exchange, acquired 100% interest of all Milestone's right, title and interest in the Doc Property.

The Snip North Property is located straddling the NTS map areas 104B10, 11, 14, 15, and covers 3,336.60 hectares (ha) and consists of 5 contiguous mineral claims (Figure 3).

The Snip North dispositions have had their expiry dates extended to December 31, 2021 due to the Covid-19 pandemic.

To conduct work at the Property the operator must be registered with the government of British Columbia and comply with the British Columbia Environment's Exploration Guidelines and hold

the appropriate Free Use Permit, Mineral and Coal Exploration Activities and Reclamation Permit and, Mine Act Permit. As well, the operator must comply with the Federal Department of Fisheries and Oceans that administers its own Guidelines for the Mineral Exploration Industry.

Table 1: Project Mineral Disposition Status

Title Number	Claim Name	Owner	Expiry Date	Area (Ha)
Doc Property				
1031031		Hanstone Gold Corp. (100%)	2025-03-07	179.46
1036878		Hanstone Gold Corp. (100%)	2025-03-07	17.94
1036939	Grace NW	Hanstone Gold Corp. (100%)	2025-03-07	125.51
1036952	Golden Grace 2	Hanstone Gold Corp. (100%)	2025-03-07	430.45
1036953	Grace N	Hanstone Gold Corp. (100%)	2025-03-07	71.72
1036954	Grace SE	Hanstone Gold Corp. (100%)	2025-03-07	699.69
1036955	Grace S	Hanstone Gold Corp. (100%)	2025-03-07	161.52
1033369		Hanstone Gold Corp. (100%)	2025-03-07	17.94

5. EXPLORATION HISTORY AND PREVIOUS WORK

The earliest work reported near the Doc Property, circa 1900, included exploration of two veins containing sulphide mineralization and gold values at the Globe Showing. This work included trenching and underground development of four adits (Minister of Mines, 1901). Also developed during this time was a small stamp mill that included a concentrating table and copper plates and had a capacity of three tons per twenty-four hours (Minister of Mines, 1901). High-grade ore was stockpiled but no shipments were made (Freeze et al. 1989 - BC Assessment Report18622A).

In 1935, it was reported that a wide quartz vein was discovered, carrying pyrite, chalcopyrite, galena and gold values (Minister of Mines, Annual Report 1935, p. B11). This vein is located about 1.6 kilometers south of the Globe Showing, (Ministry of Mines, Annual Report 1935, p. B11), and is now referred to as the Florence Minfile occurrence.

Discoveries in September 1946 by Tom McQuillan and his partner, Pat Onhasy, on the south fork of the Unuk River, opposite Divelbliss (Cabin) Creek, led to claim staking by Leitch Gold Mines (Minister of Mines, Annual Report 1948, p. A66; Tully, 1974 - AR5239). The discoveries by McQuillan and Onhasy included numerous quartz veins occurring in shear zones that are mineralized with hematite, pyrite, galena, and minor chalcopyrite. It was noted that quartz veins mineralized with sulphides often contained gold, and to a lesser extent, silver (Minister of Mines, Annual Report 1948, p. A66).

In 1947 and 1948, the Doc Property was optioned from Leitch Gold Mines by Halport Mines and was explored by trenching and diamond drilling (Minister of Mines, Annual Report 1948, p. A66). Supplies and equipment required in 1947 and 1948 were flown by fixed-wing aircraft from Stewart and dropped at the Property; equipment for the 1948 program totalled 16 tons, including a diamond drill. Mineralized quartz veins were numbered and designated by the prefix “Q” (Q17, Q19, Q22 & Q25). In 1948, the Q17 and Q22 veins were traced for 400 m along strike by excavation of forty-four trenches and tested below the surface by diamond drilling in 19 EX holes totalling 1280.16 m of drilling. The Q25 vein was traced for 150 meters along strike and tested by eleven trenches, while the Q19 lode was traced for 267 m by excavation of twenty trenches (Minister of Mines, Annual Report 1948, p. A66).

In 1949, Halport Mines conducted 633.98 meters of diamond drilling at the Q25 vein. The purpose of the drilling was to prove the underground lateral extension of the vein. Results from this program showed only spotty gold values. Core recovery was reported to be reasonably good within the quartz vein, but poor along the sheared margins of the veins (Minister of Mines, Annual Report 1949, p. A73).

The Property did not see any additional work until 1974, when New Minex Resources collected 16 channel and 6 grab samples and conducted 10.8 kilometers of magnetometer surveying. Channel sampling along the Q17 vein returned an average grade of 0.309 oz/ton gold across an average width of 2.47 meters over an exposed strike length of 79.25 meters. A 1.77-meter-long channel sample across the Q25 vein assayed 1.82 oz/ton gold and 8.18 oz/ton silver. New Minex Resources reported magnetometer results which showed the gold-bearing quartz veins occurring within northwest trending magnetic lows (Tully, 1974 - BC Assessment Report 05239).

In 1975, New Minex Resources completed 19.1 kilometers of Ronka EM-16 electromagnetic surveys over the known mineralized zones on the Doc Property. They concluded that the

electromagnetic work showed no apparent response to known gold-bearing quartz vein structures, possibly due to their low sulphide content. They recommended geological mapping and prospecting prior to any further exploration work (Tully, 1975 - BC Assessment Report 05512).

In 1980, Du Pont of Canada Exploration performed geological mapping, and soil and rock geochemical sampling, with a focus on the main mineralized veins found by previous operators. They established a grid in the central part of the claim group and mapped the historical workings at 1:2500 scale. Geological mapping over the grid area indicated that interbedded felsic and mafic volcanic rocks strike northwest and were folded along a northwest trending fold axis, while quartz feldspar porphyry, diabase and diorite dykes intrude the volcanic rocks. A clastic limestone unit is shown by the mapping to unconformably overlie the volcanic rocks. Auriferous-quartz veins discordantly cut the volcanic rocks at roughly 110 degrees and dip steeply to the north. A soil grid comprising 447 soil samples over the Doc workings returned anomalous gold values (≥22 ppb) for over half of the grid area, while elevated silver results were more erratically distributed. A total of 19 rock samples (only 13 were analyzed for gold, silver, copper, lead and zinc) were collected and yielded a high of 0.405 oz/ton Au, 4.30 oz/ton Ag, 1.44% Cu and 11.45% Pb (Harron, 1981 - BC Assessment Report 08925).

In 1985, Silver Princess Resources Inc. optioned the Doc Property and carried out detailed mapping, mainly at the Q17 and Q22 veins, along with extensive geochemical sampling within historical trenches and along exposed veins (Gewargis, 1986 - BC Assessment Report 15615). The report for the 1985 work was not located during the literature review for this report; however, Gewargis' 1986 report, which was prepared for Magna Ventures Limited, summarizes the work and the significant advances made during the 1985 program. The most significant results were obtained from semi-massive to massive sulphide mineralization on the footwall side of the Q17 vein, where a grab sample of the material in Trench #12 returned over 3 oz/ton Au, over 14 oz/ton Ag and over 9% Pb.

In 1986, Magna Ventures optioned the Property from Silver Princess Resources and conducted a 10-hole diamond drill program totalling 913.2 meters of BQ-size core and completed 33.5 meters of underground development at the Q17 vein. The program was designed to test beneath the high-grade results from the 1985 surface trenching and rock sampling program.

Diamond drilling was completed on 5 drill pads targeting the Q17 and Q22 vein systems to test their strike and down-dip potential. It was reported that core recovery in the vein structure, particularly within the highly auriferous-limonitic-oxidized footwall and hanging wall portion of the vein was poor. Drill core produced values of up to 7.010 oz/ton Au and 25.80 oz/ton Ag over 0.4 meters. Significant intercepts were made in holes 86-8 (0.313 oz/ton Au, 1.026 oz/ton Ag across 2.0 meters and 0.998 oz/ton Au and 3.18 oz/ton Ag across 0.6 meters), 86-9 (0.574 oz/ton Au, 1.03 oz/ton Ag across 0.6 meters, 0.270 oz/ton Au and 0.61 oz/ton Ag across 0.3 meters, and 0.598 oz/ton Au and 0.78 oz/ton Ag across 1.5 meters) and 86-10 (0.450 oz/ton Au and 2.16 oz/ton Ag across 5.3 meters, including 0.712 oz/ton over 0.9 meters and 4.72 oz/ton over 0.4meters). The drill program successfully returned significant gold results confirming that the gold values in the trenches continue along strike and down dip.

It was recommended that future drilling should collect larger diameter core, such as NQ-size. A "possible" "geological reserve" for the Q17 and Q22 veins of 49,095 tons with an average grade of 0.46 oz/ton Au and 1.60 oz/ton Ag was calculated in 1986 (Gewargis, 1986 - BC Assessment Report 15615), however; this resource calculation is non-NI 43-101 compliant and cannot be relied upon in any way.

In 1987, Magna Ventures and Silver Princess expanded their claim block to approximately 7,600 hectares, taking in the Globe crown grants and Divelbliss Creek area. They carried out a review of the geological setting, site preparation, underground development and drilling, surface prospecting, and mineral reserve estimations. Surface facilities were established and comprised a fully winterized 18-person mining camp, a 6-person summer prospecting tent camp, a seasonal water supply and storage system, and a full complement of mining equipment for trackless operations.

Magna Ventures and Silver Princess also undertook an extensive prospecting and rock and soil sampling program on the Doc Project. This was done in conjunction with surface trenching and underground sampling on gold veins other than Q17 and Q22. Four new veins were discovered, and six old zones were extended, all of which were reported to contain potentially economic grades over mineable widths on surface. The veins were ranked in order of importance as follows: 1) Q17- Q22-Q32 zone; 2) Q25-Q28 zone; 3) Globe North-Globe South zone; 4) Q19 zone, 5) Pyramid zone (currently known as BGS); 6) Alf 3 (currently known as Quinn Eskay), Glacier, TK, TS zones; and 7) soil anomalies (Figure 6.4).

A total of 694.33 meters of underground drilling completed by Magna Ventures and Silver Princess in 8 holes from 2 setups was successful in locating the Q22 vein and testing the Q17 vein. Every hole intersected mineralization, with the best result coming from hole 87-6, which averaged 0.305 oz/ton Au and 1.908 oz/ton Ag over 2.00 meters, with 90% recovery in mineralized zones (Aelicks et al. 1988 - BC Assessment Report 16708). Also completed was a total of 376 meters of underground development on the 1160-meter level, mainly to access and test the Q17 vein. Three mine crosscuts, 76.2 meters below surface into the Q17 vein, averaged 0.47 oz/ton Au and 1.71 oz/ton Ag over 2.29 meters (true width), with select high-grade chip samples grading up to 4.2 oz/ton Au and 9.8 oz/ton Ag over 0.88 meters (Aelicks et al. 1988 - BC Assessment Report 16708).

Non-NI 43-101 compliant reserves for the Q17 vein were reported by Magna Ventures and Silver Princess in 1988 in the proven, probable, and possible categories (uncut and undiluted). The noncompliant reserves totalled 206,872 tons grading 0.32 oz/ton Au and 1.38 oz/ton Ag (no cut-off grade was stated), and it was noted that the resource blocks remained open in all directions for expansion. Magna Ventures and Silver Princess also reported possible reserves from other veins which contributed another 262,594 tons grading 0.23 oz/ton Au and 1.25 oz/ton Ag, for a total combined non-compliant reserve of 469,466 tons grading 0.27 oz/ton Au and 1.31 oz/ton Ag on the Doc Property (Aelicks et al. 1988 - BC Assessment Report 16708). These non-NI 43-101 compliant values cannot be relied upon in any way.

In 1988, Echo Bay Mines Limited entered into a joint venture agreement with Magna Ventures and Silver Princess. A 40-person camp was erected during the program to house the crews. Helicopter-supported diamond drilling (one NQ and one BQ drill) totalling 3074.10 meters were completed in 32 holes. The drill program was designed to test the Q17 and Q22 veins and areas between the Q22 and Q28 veins. Of the 32 holes drilled, 14 intersected sub-economic to potentially economic grade values over narrow widths, while the remaining holes either returned low gold values, missed the mineralized structure, or were abandoned due to bad ground conditions.

A new vein (JT vein) was discovered and characterized as having a 100-meter strike length and an average width between 1.0 and 2.0 meters. It was drill tested to a vertical depth of 80 meters below surface. The best result from the JT vein was from hole 89-15, which averaged 0.099

oz/ton Au over 2.55 meters. Underground development totalling 230 meters on the 1160-meter level was completed along the strike of the Q17 vein west and east from the ends of former workings. Development was extended to the limit of vein mineralization and could not be located any further along trend. Along the Q17 West Drift, a 30-meter-long exposure of sulphide-rich potentially economic grade mineralization occurs over mineable widths (between 1.2 to 2.0 meters). A crosscut was driven from the eastern limit of the Q17 vein to the projected extension of the Q22 vein; however, difficult ground conditions prevented further advancement.

Detailed underground sampling was done at the Q17 vein by collecting muck and face samples. A 300-pound sample of potentially economic grade material was also collected from each drift round and placed into 45-gallon drums for future metallurgical testing. A non-NI 43-101 compliant reserve calculation was done at Q17 and Q22 veins using all data from 1947 to 1988 from all categories grading greater than 0.100 oz/ton Au and totalled 100,851 tons grading 0.258 oz/ton Au. (Freeze, et al. 1989 - BC Assessment Report 18622).

It was concluded that the size and grades of the Q17 and Q22 veins were insufficient to support a mining operation, given the remoteness and ruggedness of the area. Echo Bay recommended a mapping program be carried out at the Q17 and Q22 veins, as well as over the entire Doc Property, to gain a better understanding of ore controls and deposit types, to identify new mineralization, and delineate possible major structure(s) that may control special distribution of veins. The goal of the program was to evaluate alternative targets elsewhere on the Property for drill testing (Glover, et al. 1989 - BC Assessment Report 19940).

In 1989, Echo Bay and their joint venture partners Magna Ventures and Silver Princess performed helicopter-supported surface geology mapping, prospecting, and sampling over the entire Property. A total of 40 traverses were completed and 140 grab and rough chip rock samples were collected during the program. It was concluded that the gold-bearing veins are the most promising exploration target, but that the veins discovered on surface have limited tonnage potential at a minimum average grade of 0.3 oz/ton Au.

In 1989, Kengate Resources carried out rock, soil and heavy sediment sampling at the Gracey Creek Property, immediately west of the Doc Project. No soil or rock samples were collected from the Doc Property, but one heavy sediment sample draining the southwestern area returned 11 ppb Au, and 0.1 ppm Ag (Hrkac, C., 1989 - BC Assessment Report 18367).

In 1990, Amphora Resources flew an airborne magnetic and VLF-EM survey over their Pearson, GC, Galena Cliff and Summa claims. A small part of this survey (Summa Property) covered the southwestern part of the current Doc Project, over an area of expansive ice-cover. The magnetic and VLF-EM responses were as expected within an area of thick ice cover and steep slopes, causing data processing to be very difficult and potentially unreliable (Murton, 1990 - Assessment Report 19995).

In 1996, the claims were allowed to lapse due to a dispute between the previous claim owners, and the Hunter Exploration Group immediately staked the Property. In October 1999, Hunter Exploration carried out a prospecting program and discovered the BGS Zone, described as a 25 meter by 6-meter area comprising quartz vein rubble in subcrop near the base of a snowfield. The vein material consists primarily of white quartz with abundant pyrite and chalcopyrite, and assayed up to 44.66 g/t Au, 219 g/t Ag, 1.02% Cu and 5.58% Pb (Robins, 2000 - Assessment Report 26256).

In 2011, Cache Minerals Inc. collected a total of 13 rock samples from the southwestern corner of the current Doc Property, in the western part of the Quinn Eskay Zone. Six rock samples were collected from a gossan zone that forms a rounded ridge and has a strike length of over 300 m and a width of greater than 50 m. The two best samples were taken from quartzofeldspathic gneiss with ankerite/sulphide weathering that returned 828 ppb Au and a quartz vein within host melanocratic metasedimentary rocks with trace sulphides that graded 368 ppb Au, 6.9 g/t Ag and 0.17% Pb (Fox et al. 2011 - Assessment Report 32600).

In 2013, claim owner John Bot contracted UTM Exploration Services Ltd. to conduct a 4-day field program consisting of prospecting and rock sampling on the Doc Property. A total of 18 rock samples were collected and focused on locating new areas of interest along the strike of the known veins and along their peripheries. Two rock samples, taken about 400 meters northeast of Cache Minerals gossanous zone discovery, consisted of quartz vein material (<30 centimeters thick) hosting chalcopyrite and specularite with malachite staining. Samples assayed 1.31% Cu, 366 g/t Ag and 485 ppb Au, and 471 ppm Cu, 35.2 g/t Ag and 131 ppb Au (Mackenzie et al. 2013 - Assessment Report 34406).

In 2015, John Bot hired CJL Enterprises Ltd. to perform a limited prospecting and sampling program on the Doc Property. A small fly camp was erected for a 4-day prospecting program where a total of 26 rock samples were collected and assayed for gold and silver. Samples were primarily taken from old hand trenches at the main Doc workings and along strike to the west-northwest, as well as to the north-northwest. Samples ranged from heavily mineralized to barren bull quartz with the highest-grade samples returning up to 103.0 g/t Au and 515 g/t Ag, 58.6 g/t Au and 343 g/t Ag, and 41.0 g/t Au and 189 g/t Ag, all of which are associated with galena mineralization (Middleton, 2015 - Assessment Report 35635).

In 2018, Tudor Gold Corp. performed reconnaissance rock sampling approximately 80 to 400 meters west of the BGS Zone. A total of 11 rock samples were collected, mostly from quartz sulphide veins and narrow breccia/stockwork zones. A 2-centimeter-wide quartz vein with up to 5% pyrite, 1% chalcopyrite, up to 5% magnetite and malachite staining returned 454.0 g/t Ag, 4.86% Cu, 639 ppm Pb, 962 ppm Zn and 622 ppb Au. Two additional samples comprising narrow quartz vein material hosted elevated silver values of 1.8 and 2.2 g/t (Rowe, 2018 - Assessment Report 38639).

In 2019, a two-phase exploration program was conducted by C.J. Greig & Associates Ltd. on behalf of Milestone in early August and early September. Phase 1 comprised a geological reconnaissance and rock geochemical sampling program over the Doc, BGS, Galena Ridge, Q19, Quinn Eskay and Glacier zones, together with ground-based magnetometer surveys over the Doc, BGS, Galena Ridge and Quinn Eskay zones. A total of 154 rock samples were collected and 30.5 line-kilometers of magnetometer surveys were completed during the exploration campaign. Phase 2 consisted of channel sampling (37 samples) at the BGS, Galena Ridge, Q19 and Quinn Eskay zones, as well as limited prospecting at the Florence Zone. (Mitchell et al., 2020).

6. SUMMER 2020 EXPLORATION PROGRAM

6.1. SATELLITE IMAGERY ANALYSIS

In June of 2020, Axiom subcontracted Terra Modelling Services Inc. (TMI) to complete Satellite Imagery and Data Analysis (SIDA) over the Doc and Quinn Eskay Properties. This consisted of combining modern remote sensing techniques using multispectral imaging and synthetic aperture radar and proprietary algorithms to analyze vegetation, structure, alteration, and ground movement. SIDA allows for quick and effective identification of complex anomalies over large areas. This relatively new exploration approach combined existing geological, geochemical, and geophysical data with multiple satellite analyses, to identify new potential mineral targets for both properties. The analysis generated vegetation and hydrothermal anomalies as well as detected fault movement. Full satellite analysis is provided in Appendix A.

6.1.1. METHODOLOGY OF SATELLITE IMAGERY ANALYSIS

Axiom subcontracted Terra Modelling Services Inc. (TMS) to complete Satellite Imagery and Data Analysis (SIDA) over the Doc Project. This consisted of combining modern remote sensing techniques using multispectral and synthetic aperture radar and proprietary algorithms to analyze vegetation, structure, alteration, and ground movement. The SIDA is a quick and effective tool to highlight anomalies over a large area. The SIDA combined with existing geological, geochemical, and geophysical data identified potential mineral target areas for the Doc mineral claims.

6.1.2. RESULTS OF SATELLITE IMAGERY ANALYSIS AT DOC

All layers are detected by analyzing the reflectance spectra from two different satellites. The results on the Hanstone Property are described below and the images are included in Appendix A.

Vertical displacement can be detected using satellites by taking pictures of the same area over a period of time and analyzing the small changes in elevation. On Hanstone's Property vertical displacement was identified and used to help interpret active structures that may be more prospective relative to other "old" faults and lineaments. This data will be used in conjunction with other satellite layers to determine the best target areas for further follow up outside of the Doc and Q26 zones.

Satellite analyses has proven effective for detecting specific hydrothermal alteration minerals typically associated with mineralization events. The various images in Appendix A highlight hydrothermal alteration, lithium, carbonates, and argillic alteration, among others.

The results from the Satellite Imagery Data analysis on the Snip North Property were encouraging especially in the north and western areas of the Property with increased hydrothermal alteration spectra along interpreted faults. Other results from the SIDA will be used in conjunction with ground truthing over the summer of 2021 to identify the most prospective areas for further follow up.

6.2. OUTCROP SAMPLING

During the 2020 diamond drill program by Axiom a simultaneous outcrop sampling program was executed. Geological and structural data was collected at each sample locality. A total of 28 were collected at various prospective areas throughout the Hanstone claims. Satellite analysis and historic reporting was used to locate focus areas. Samples were primarily retrieved from areas of Gossan in shear zones and on existing quartz vein outcrops.

A total of 28 outcrop samples were sent to TSL Laboratories Inc. in Saskatoon, SK for geochemical analysis. Analytical techniques of fire assay and ICP-MS with aqua regia was conducted on all samples. Detailed maps of sample locations and results can be found in Appendix F.

Table 2: Doc Summer 2020 - Outcrop Sample Locations

Sample #	Location	Easting	Northing
A0867951	DOC	410104	6244792
A0867952	DOC	410104	6244792
A0862955	GR East	410435.2	6243491.4
A0862954	GR West	410123.5	6243688.5
A0862956	GR East	410531.5	6243637.5
A0862957	GR East	410432	6243418.4
A0862958	BGS	410732.7	6243161.6
A0862959	Ray Veins	411455.8	6242604
A0862960	DOC Lake	409684.5	6244869.1
A0862961	DOC	410141	6244799.3
A0862962	DOC	410140.2	6244798.9
A0867931	Ray Veins	411571	6242637.1
A0867932	Ray Veins	411566.1	6242634.1
A0867933	Ray Veins	411562.9	6242633.3
A0867934	Q19 Valley	411471.2	6243221.7
A0867935	Ray Veins	411562.5	6242614.1
A0867936	Ray Veins	411562.9	6242633.3
A0867937	Ray Veins	411464	6242587.8
A0867938	Ray Veins	411458.9	6242591.1
A0867939	Ray Veins	411571	6242637.1
A0867940	Ray Veins	411524.7	6242547.7
A0867926	BGS	410645.5	6243231.7
35776	Doug/Matt1	410094.8	6244781.8
35777	Doug/Matt2	410155.2	6244705.2
35778	Doug/Matt3	411124.6	6243476.9
35779	Doug/Matt4	410465.7	6242494.7
35780	Doug/Matt5	410465.7	6242495.8
35781	Doug/Matt6	410465.7	6242495.8

6.2.1. OUTCROP SAMPLING RESULTS

Table 3: Doc Summer 2020 - Outcrop Sample Assay Results

Sample #	Location	Easting	Northing	Au (g/t)	Ag (ppm)	Cu (ppm)	Description
A0867951	DOC	410104	6244792	0.48	1.5	318.1	Weak sericite altered mafic volcanic, hematite stained.
A0867952	DOC	410104	6244792	0.50	4.5	563.6	Mafic volcanic with weak argillic alteration, disseminated fresh and rusty sulphides
A0862955	GR East	410435.2	6243491.4	2.40	72.2	46800	Orange quartz within mafic volcanic with rusty sulphides, minor chalcopyrite
A0862954	GR West	410123.5	6243688.5	2.7	99.3	1963.3	Orange quartz within mafic volcanic rock, moderate patchy oxidized copper, disseminated chalcopyrite
A0862956	GR East	410531.5	6243637.5	0.06	0.3	28.2	Orange quartz vein with disseminated pyrite
A0862957	GR East	410432	6243418.4	0.03	0.6	9.8	Orange quartz vein with disseminated pyrite
A0862958	BGS	410732.7	6243161.6	0.09	14.2	14300	Orange quartz within mafic volcanic rock, moderate patchy oxidized copper, disseminated chalcopyrite
A0862959	Ray Veins	411455.8	6242604	24.21	211.3(g/t)	94.8	Orange quartz within mafic volcanic rock, weak patchy oxidized copper, weak disseminated chalcopyrite
A0862960	DOC Lake	409684.5	6244869.1	0.0055	0.2	155.4	White quartz with disseminated pyrite
A0862961	DOC	410141	6244799.3	0.24	3.6	259.1	Weak sericite altered mafic volcanic, hematite stained.
A0862962	DOC	410140.2	6244798.9	2.73	20.9	120.4	Weak sericite altered mafic volcanic, hematite stained.
A0867931	Ray Veins	411571	6242637.1	1.32	18.5	30	Orange quartz within mafic volcanic rock, weak patchy oxidized pyrite

A0867932	Ray Veins	411566.1	6242634.1	1.92	141.6(g/t)	3695.9	Orange quartz within mafic volcanic rock, weak patchy oxidized copper, weak disseminated chalcopyrite
A0867933	Ray Veins	411562.9	6242633.3	0.33	4.8	331.3	Orange quartz within mafic volcanic rock, weak disseminated chalcopyrite
A0867934	Q19 Valley	411471.2	6243221.7	0.09	19.7	2387.9	Sheared mafic volcanic gossan, disseminated pyrite, pyrrhotite and chalcopyrite
A0867935	Ray Veins	411562.5	6242614.1	0.99	15.5	26.6	Orange quartz within mafic volcanic rock, weak disseminated pyrite
A0867936	Ray Veins	411562.9	6242633.3	0.42	17.9	354.5	Rusty mafic volcanic on sheared contact with quartz vein
A0867937	Ray Veins	411464	6242587.8	0.18	2.3	123.6	Rusty mafic volcanic on sheared contact with quartz vein
A0867938	Ray Veins	411458.9	6242591.1	0.27	2.9	163.4	Rusty mafic volcanic on sheared contact with quartz vein
A0867938 Re	Ray Veins	411458.0	6242591.1	0.1962	2.9	160.5	Rusty mafic volcanic on sheared contact with quartz vein
A0867939	Ray Veins	411571	6242637.1	0.54	8.7	198.1	Orange quartz vein with no significant fresh sulphides left
A0867940	Ray Veins	411524.7	6242547.7	<0.03	0.8	57.1	White-orange quartz vein with weak hematite alteration
A0867926	BGS	410645.5	6243231.7	<0.005	0.1	58.9	Intermediate volcanic with moderate fresh disseminated pyrite
35776	Doug/Matt1	410094.8	6244781.8	95.64			Weak sericite altered mafic volcanic, hematite stained.
35777	Doug/Matt2	410155.2	6244705.2	164.4			Weak sericite altered mafic volcanic, hematite stained.
35778	Doug/Matt3	411124.6	6243476.9	9.26			Rusty Quartz vein with semi massive galena, chalcopyrite
35779	Doug/Matt4	410465.7	6242494.7	1.13			Mafic volcanic gossan with minor disseminated chalcopyrite
35780	Doug/Matt5	410465.7	6242495.8	0.035			Mafic volcanic gossan with minor disseminated chalcopyrite

35781	Doug/Matt6	410465.7	6242495.8	50.21			Mafic volcanic gossan with disseminated pyrite, and weak disseminated chalcopyrite

6.2.2. Discussion of Outcrop Sampling

At the DOC Zone, results from limited sampling in new areas was successful in identifying a new shear zone-oriented sub parallel to the main Q17 mineralized quartz vein. Limited exposure of the shear zone was sampled and returned results up to 95.6 g/t Au with the sample taken on the Q17 quartz vein returning assay values up to 164.4 g/t Au directly above the adit.

Other sampling in the Doc Zone from shearing exposed in historical trenching returned 0.24 (3.6) and 2.79 (20.9) g/t Au (Ag) respectively.

In the Galena Ridge zone, outcrop samples were taken on the historical quartz vein nearby to 2020 drilling which returned assays up to 2.7 g/t Au with 99.3 g/t Ag and 1963.3 ppm Cu.

Another sample taken nearby the southern fence of drillholes yielded 2.44 g/t Au with 72.2 g/t Ag and 46,800 ppm Cu.

During the field program significant quartz veining was discovered across the valley approximately 1 kilometer to the southeast from Q19 at the base of a glacier. Outcrop sampling yielded several anomalous values with the best result of 23.92 g/t Au with 211.3 g/t Ag and 94.8 ppm Cu. Another highlight from this area yielded 1.92 g/t Au with 141.6 g/t Ag and 3695.9 ppm Cu.

Additional sampling was done at the base of another glacier near to the Quinn Eskay area of the claims with a highlight sample of 50.21 g/t Au.

Finally, in the Q19 area a sample was taken on a quartz vein approximately 17 meters to the east of the major 202 g/t Au sample taken in 2019 which returned 9.26 g/t Au. Additional mapping and structural studies need to be done in this area to understand the structural scenario at Q19 which will allow for higher confidence drill targets.

Geochemical analysis of all samples returned minimal arsenic (As) values. This is of importance to note from both an economic and environmental standpoint. Arsenic is a common accessory metal to most gold deposits. Typically, mining involves the crushing of arsenic bearing rock in order to extract and deposit the arsenic rich waste rock as mine tailings. This process accelerates oxidative arsenic mobilization thus causing a greater environmental burden. Having low arsenic values therefore decreases overall mining costs and results in less environmental concerns.

6.3. Downhole Surveys

A Reflex ACT III Tool was used by the drill crew to mark the core orientation bottom of hole reference point on each run of core. The geologists then pieced the run of core back together (if possible) and extended a crayon line along the run of core from the reference point. An Ezy-Logger™ Goniometer was used to measure the alpha and beta angles of foliations, fractures, and gouges where possible.

6.3.1. Methodology for Interpreting Oriented Core

Oriented core results were collected in the field using an Ezy-Logger™ Goniometer. Downhole deviations, as measured by the drill crew using a Reflex EZ-shot, were entered into MX Deposit with the alpha and beta measurements to determine true dips and strikes of planar structures.

6.3.2. ORIENTED CORE RESULTS

Oriented core measurements were difficult to obtain over the summer of 2020 due to the broken-up nature of the rocks on the Doc Property. Although measurements were taken wherever possible, it was difficult to verify orientation marks from multiple runs and thus confidence in the measurements was overall very poor.

6.4. DIAMOND DRILL PROGRAM - SUMMER 2020

During the diamond drill program executed in August and September of 2020 by Axiom, 21 drill holes tallying 2724 meters were completed on the Property. A total of 815.3 meters of core were sampled resulting in 970 geochemical samples that were sent for analysis. The drill holes targeted the Doc Zone, Q19, Q26, Q28 and Galena Ridge. The objective of the drill program was to verify mineralization at the Doc Zone as identified in historical drilling as well as test new areas for additional mineralization. Significant mineralized intersections are outlined in Table 5. Full geochemical analysis for all summer 2020 samples is provided in Appendix C.

Core was logged in the core shack located in the Doc Camp. The core was cross-stacked and stored in the core yard located roughly 50 meters west of camp.

6.4.1. DRILL HOLE RESULTS - DOC ZONE

Summaries of each drill hole are listed below with the drillhole logs included in Appendix B.

DDH DC-20-01

LOCATION: 9 N 410116 E 6244601 N
ELEVATION: 1316 masl
EOH: 195.5 m
AZIMUTH/DIP: 020/-50
DATE: September 12, 2020 to September 16, 2020

DC-20-01 was intended to intersect the Q17 quartz vein near the underground workings and to test footwall stratigraphy for additional en echelon veins which may not be visible at surface. The drill hole was collared with a dip of -50° and an azimuth of 020°.

Casing was set at 5.0 meters. Below, siliceous metasediment occurs to 17.65 meters with zones of weak to moderate oxide staining. A mafic volcanic unit was then intersected to 53.4 meters which hosts an interval of possible hyaloclastite from 43.0 to 46.2 meters and a tonalite dyke from 47.0 to 47.4 meters. This unit is moderately silicified in patches throughout with zones of weak to moderate hematite/oxidation down to 40.0 meters. A unit of siliceous metasediment is present from 53.4 to 75.0 meters with strong structure-controlled silicification throughout. Below, a variably altered and strongly structured mafic volcanic unit persists to the end of hole at 195.5 meters. A mixed alteration package of silicification, rust staining, epidote, chlorite, carbonates, sericitization, and minor bleaching is present to approximately 156.3 meters, where a zone of strong hematite and rust staining with locally strong silicification continues to the end of hole. A small mafic dyke was intersected from 190.75 to 191.16 meters.

Broad zones of highly fractured blocky core are ubiquitous throughout the drill hole, with decameter-scale fault zones (often with soft coatings) which first appear at 46.0 meters and increase in frequency with depth. Minor, centimeter-to-decimeter scale breccias and fragment-rich fault gouge are common throughout. A healed stockwork fracture zone from 168.1 to 170.0 meters comprises both quartz and carbonate. Two discrete, strongly altered shear zones are present from 175.28 to 176.74 meters and 177.84 to 178.38 meters.

DC-20-01 intersected quartz +/- carbonate veins from 169.66 to 170.23 meters and 176.92 to 177.84 m, the latter of which displays 7% disseminated pyrite mineralization. Pyrite increases from trace to 2% from approximately 153.0 to 156.25 meters. 10-15% pyrite disseminations are common within shear zones from 175.28 to 176.92 meters.

A total 6.0 meters of mineralization was intersected in DC-20-01 from 175.00 to 181.00 meters, with 1.58 g/t Au across the interval. Within this interval, 2.92 g/t Au is present from 176.00 to 178.90 meters, and 7.41 g/t Au is present from 176.94 to 177.44 meters. The mineralized zone is hosted within a bull white quartz vein between two sheared contacts. The interval has up to 15% pyrite locally along with moderate pervasive chlorite alteration and structurally hosted oxidation and sericitization.

DDH DC-20-02

LOCATION: 9 N 409998 E 6244768 N
ELEVATION: 1260 masl
EOH: 241.3 m
AZIMUTH/DIP: 186/-45
DATE: August 4, 2020 to August 9, 2020

DC-20-02 was intended to test the western extension of the Q17 quartz vein based on magnetic survey results and underground observations. The drill hole was collared with a dip of -45° and an azimuth of 186°.

Casing was set at 2.8 meters. A zone of blocky, weakly altered metasedimentary rock above 10.3 meters includes a quartz veinlet from 9.0 to 9.2 meters. Mafic volcanic rocks below to 38.25 meters contain frequent quartz veining and a strongly altered fault zone from 27.8 to 31.3 meters. A calc-silicate unit was intersected from 38.25 to 75.2 meters with frequent oxidized staining, quartz, and carbonate fracture coatings. A mixed package of interleaved mafic tuff and mafic volcanic units is present below to 145.25 meters, characterized by moderate pervasive chlorite and vein-/fracture-hosted calcite, epidote, and oxidized sulphides. Interleaved units of siliceous and calcareous metasediments occur to 216.2 meters with weak rust staining as well as weak chlorite and sericite alteration. A mafic volcanic unit with intercalated mafic tuff lenses is present below to end of hole at 241.28 meters, characterized by moderate pervasive chlorite and moderate structurally controlled carbonates.

Minor centimeter-scale fault gouges are sporadically disseminated throughout the hole. A broken core zone occurs immediately below the casing to approximately 10.3 meters. A significant mineralized fault zone from 27.8 to 31.2 meters is characterized by both brittle and ductile shearing and up to 5% sulphides. Evidence of ductile deformation, particularly folding, exists throughout the drill hole and commonly hosts sulphide mineralization.

Deformed and/or altered centimeter- to decimeter-scale quartz and quartz-carbonate veinlets are present sporadically throughout drill hole DC-20-02. Oxidized sulphides first occur from 28.0 to 30.3 meters along margins of a quartz veinlet and are common proximal to quartz veins and fault gouges down to 167.1 meters. Up to 2% fresh chalcopyrite and minor fresh pyrite line a quartz-carbonate veinlet between 220.0 to 220.2 meters, with foliation-controlled fresh sulphides common within folding from 231.8 to 232.6 meters.

A total 8.5 meters of mineralization was intersected in DC-20-02 within several discrete zones. 1.39 g/t Au is present from 28.0 to 30.4 meters within a strongly faulted zone with oxidized sulphide fault fill and a 0.10-meter quartz veinlet. 4.36 g/t Au, 96.50 g/t Ag, 1300.00 ppm Cu, and 381.00 ppm Zn are present from 59.20 to 59.40 within a strongly oxidized quartz-sulphide fracture fill. Values of 0.53 g/t Au and 0.33 g/t Au were detected within oxidized fault gouges from 105.92 to 106.80 meters and 111.60 to 113.27 meters, respectively. Fault gouges from 162.55 to 165.50 meters and 166.7 to 167.10 meters returned Au values of 0.20 g/t and 0.31 g/t respectively.

DDH DC-20-03

LOCATION: 9 N 410327 E 6244720 N
ELEVATION: 1236 masl
EOH: 162.0 m
AZIMUTH/DIP: 191/-45
DATE: August 13, 2020 to August 16, 2020

DC-20-03 was intended to test the eastern extent of the Q22 quartz vein down dip of historical drilling. The drill hole was collared at a dip of -45.7° and an azimuth of 190.7°.

Casing was set at 2.87 meters. Moderately altered mafic volcanic rocks occur below to 17.0 meters, where a fault contacts a unit of moderately altered calcareous metasediments. Variably altered mafic volcanic rocks are continue to the end of hole at 162.0 meters. This unit is weakly chlorite altered throughout with frequent carbonate and sericite bands. A zone of strong silicification from 21.2 to 29.0 meters decreases in intensity with depth.

A partially cemented fault zone comprises the bottom of the casing to 21.0 meters. A variable-intensity open fault zone with localized gouge is common continuously to 68.7 meters. Local cm scale fault gouge is hosted within decimeter- to meter-scale zones of faulted and rubbly core from 82.67 m to end of hole at 162.0 meters.

Zones of fracture-hosted and disseminated sulphides along with oxidized fracture coatings occur throughout the drill hole. The Q22 quartz vein mineralization was intersected from 82.18 to 85.2 meters. This zone hosts a brecciated bull white quartz vein with pyrite blebs and oxidized fracture coatings. Mineralization related to the Q17 vein was intersected from 121.46 to 130.38 meters and consists of oxidized fractures and minor quartz veins.

DC-20-03 intersected 12.62 meters of mineralization across two intervals. In the Q22 unit, 2.27 g/t Au was intersected from 82.18 to 89.20, within a larger interval from 82.18 to 91.00 meters which returned 1.85 g/t Au overall. This zone is defined by a brecciated bull white quartz vein with local gouge, shearing and oxidized fracture coatings. Minor white quartz veins and significant oxidation comprise the second zone, from 121.80 to 125.60 meters which hosts 0.31 g/t Au within the Q17 unit.

DDH DC-20-04

LOCATION: 9 N 410142 E 6244751 N
ELEVATION: 1273 masl
EOH: 92.0 m
AZIMUTH/DIP: 215/-60
DATE: September 6, 2020 to September 8, 2020

DC-20-04 was intended to twin hole 86-6 to verify grades from historic drilling. The drill hole was collared at a dip of -60° and an azimuth of 215°.

Casing was set at 0.41 meters. A unit of moderately chlorite-altered mafic volcanic rocks is present below to end of hole at 92.0 meters. A zone of strong pervasive silicification from 59.0 to 73.0 meters comprise the hanging-wall side of the Q17 quartz vein. Carbonate veining is common throughout the unit.

Broad structural zones are common from 15.3 to 77.6 meters including fault zone from 15.3 to 67.7 meters with several gouges and up to 30% core loss. Shear zones exist on either side of the Q17 quartz vein with a 0.7-meter gouge on the footwall side.

Trace pyrite disseminations occur from the bottom of the casing to 59.0 meters, increasing in intensity with depth. Weak fault-controlled oxide mineralization is common from 7.5 to 7.6 meters and strong disseminated oxidized sulphides ranging from 5% to 35% comprise the core from 70.0 to 77.5 meters. The targeted Q17 quartz vein was intersected within this zone between 73.0 and 77.0 meters.

DC-20-04 intersected an 8.12-meter interval of 6.35 g/t Au from 69.48 to 77.60 meters within the strongly fractured and oxide-coated Q17 quartz vein, bounded by two sheared and gouged contacts. Within this zone, multiple higher-grade intervals are present. 53.10 g/t Au, 198.9 g/t Ag, and 416 ppm Cu were intersected from 72.90 to 73.50 meters, within a zone grading 10.58 g/t from 71.0 to 74.50 meters. 17.68 g/t Au, 76.9 g/t Ag, and 920.9 ppm Cu were detected from 76.3 to 77.0 meters.

DDH DC-20-05

LOCATION: 9 N 410142 E 6244751 N
ELEVATION: 1273 masl
EOH: 143.0 m
AZIMUTH/DIP: 215/-75
DATE: September 8, 2020 to September 10, 2020

DC-20-05 was intended to twin historical hole 86-7 to verify grades from historical drilling. The drill hole was collared at a dip of -75° and an azimuth of 215°.

Casing was set at 9.0 meters. A unit of variably altered mafic volcanic rocks was intersected below to end of hole at 143.0 meters. Sporadic centimeter- to decimeter-scale aplite dykes flanked by minor sericite alteration are present down to 29.0 meters. Moderate pervasive chlorite and moderate fracture-hosted rust staining persist throughout.

Blocky, locally sheared core comprises the rock from the bottom of the casing to 53.0 meters associated with oxidized sulphides. Meter-scale fracture and fault zones are present throughout the rest of the hole, often with gouge and hydrothermal alteration. A mineralized hydraulic breccia occurs from 130.2 to 130.45 meters, terminating on a 0.05-meter gouge, followed by a mineralized shear zone from 130.5 to 136.0 meters.

Strong silicification with moderate to strong carbonate veining occurs from 130.2 to 136.0 meters. Trace disseminated pyrite increases in intensity proximal to major silicified zones and quartz veinlets. Weak galena and pyrite halo a small quartz-carbonate vein from 125.33 to 125.35 meters with weak disseminated pyrite from 130.03 to 132.24 m. 30% semi-massive pyrite from 132.24 to 134.63 m with 5% disseminated pyrite persist along fabric and fractures to 136.0 meters. Chalcopyrite and galena blebs are also common from 135.22 to 135.88 meters where sporadic trace pyrite occurs below the mineralized zone to end of hole at 143.0 meters.

DC-20-05 intersected 9.09 meters of mineralization across several discrete zones. 0.45 g/t Au was intersected from 61.6 to 62.6 meters within a sericitized quartz stringer zone. 0.69 g/t Au is present from 65.6 to 66.28 meters and 0.62 g/t Au is present from 68.64 to 68.88 meters, both within a strongly silicified fractured/blocky zone characterized by sericitized quartz veins and pyrite mineralization. 11.51 g/t Au was intersected from 129.83 to 137.00 meters within a fault-bounded and quartz-flooded shear zone.

DDH DC-20-06

LOCATION: 9 N 410142 E 6244751 N
ELEVATION: 1273 masl
EOH: 149.0 m
AZIMUTH/DIP: 225/-70
DATE: September 10, 2020 to September 12, 2020

DC-20-06 was intended to test the Doc Zone along strike to the west of hole DC-20-05. The drill hole was collared at a dip of -70° and an azimuth of 225°.

Casing was set at 1.5 meters above a mixed package of weakly chloritized and rust-stained mafic volcanic rocks to 40.3 m with moderate silicification and carbonate alteration. A unit of distinctly bedded and strongly silicified mafic volcanic rocks occur below a faulted contact to 64.0 meters where weakly foliated/bedded mafic volcanic rocks are present to end of hole at 149.0 meters.

Broken core is common from bottom of casing to 51.8 meters with numerous meter-scale fault and fracture zones from 62.0 meters to the end of hole. A broad fold is identified between 89.0 and 97.0 meters.

Trace amounts of disseminated is common pyrite from bottom of casing to 60.1 meters with chalcopyrite blebs from 13.0 to 13.5 meters. A fragmented quartz vein with 2% pyrite is present from 60.5 to 62.0 meters with late cross-cutting mineralized veinlets. Disseminated pyrite continues to end of hole with local increased concentrations within quartz-carbonate vein fill and on fracture faces, occasionally associated with trace chalcopyrite. An anastomosing quartz vein from 131.1 to 132.2 meters exhibits up to 15% massive pyrite.

DC-20-06 intersected 16.28 meters of mineralization across two discrete intervals. The first, from 60.50 to 63.50 meters returned 0.97 g/t Au within a fault zone, containing a sub-interval up to 2.78 g/t Au within vuggy quartz veins with strong potassic alteration, oxidation, sericite, and carbonate alteration. The second zone, from 119.00 to 132.28 meters, contains 12.01 g/t Au, 52.70 g/t Au, 323.60 ppm Cu, and 229.10 ppm Zn within a variably silicified and oxidized fault zone with localized sericite, chlorite, and potassic alteration. This zone contains a sub-interval of 8.47 g/t Au from 119.00 to 119.50 meters along with another sub-interval up to 113.7 g/t Au, 495.30 g/t Ag, 838.00 ppm Cu, and 728.10 ppm Zn from 131.00 to 132.28 meters associated with abundant vein-hosted pyrite and disseminated chalcopyrite.

DDH Q26-20-01

LOCATION: 9 N 409765 E 6244663 N
ELEVATION: 1346 masl
EOH: 74.0 m
AZIMUTH/DIP: 178/-45
DATE: September 16, 2020 to September 17, 2020

Q26-20-01 was intended to test a mineralized quartz vein originally exposed in historical trenches. The drill hole was collared at a dip of -45° and an azimuth of 178°.

Casing was set at 4.5 meters. The hole entire hole lithologically characterized by a mafic volcanic unit. Meter-scale diabase dykes were intersected along fractured contacts from 10.6 to 12.1 m and 54.5 to 55.5 meters. Weak chlorite and silicification are common throughout the entire drill hole along with patchy epidote. Intermittent fracture-hosted oxidation is sporadically distributed in the hole with a zone of strong structurally controlled hematite (concurrent with moderate siderite) from 41.35 to 44.8 meters.

Meter-scale broken core and fault zones frequent the drill hole with local centimeter-scale fault gouges. Hydrothermal brecciation with local shear fabrics were intersected from 40.0 to 44.5 meters.

Multiple decimeter to meter-scale hydrothermally altered quartz veins appear in the core from 42.8 to 44.7 m, with a strongly altered and irregular quartz vein from 42.83 to 43.3 m carrying trace disseminated pyrite and coarse galena. Underlying veins are strongly oxidized with trace fresh disseminated pyrite.

Q26-20-01 intersected 1.97 meters of 5.10 g/t Au and 49.30 g/t Ag from 42.83 to 44.80 meters within a zone of weakly sheared and brecciated vuggy quartz veins.

DDH Q26-20-02

LOCATION: 9 N 409765 E 6244663 N
ELEVATION: 1346 masl
EOH: 87.0 m
AZIMUTH/DIP: 178/-60
DATE: September 17, 2020 to September 18, 2020

Q26-20-02 was intended to test the mineralized quartz vein down dip of drill hole Q26-20-01. The drill hole was collared at a dip of -60° and an orientation of 178°.

Casing was set at 3.0 meters. An undifferentiated mafic volcanic unit is present from 3.0 to 86.0 m where the hole ends in a 1-meter-wide marble unit at 87.0 m. Alteration generally weak and includes pervasive chlorite, carbonate and patchy silicification. A zone of strong hydrothermal alteration around the mineralized quartz vein from 47.8 to 53.4 m is characterized by yellow brown sericite and red oxide stains. Strong chlorite, carbonate and trace patchy epidote alteration are prevalent from 37.7 to 38.4 m and from 56.8 to 57.5 meters.

Banded and fractured white carbonate veins occur from 42.5 to 43.9 m and 47.8 to 51.4 m. The mineralized interval contains dirty irregular fractured quartz veins from 51.5 to 51.7 and from 52.6 to 53.0 m.

The main mineralized zone from 47.8 to 53.4 m contains strong oxidized sulphides, trace fresh disseminated pyrite and local quartz vein hosted galena, pyrite, chalcopyrite, and malachite.

Gold grades from Q26-20-02 were subtle between 53.0 and 53.3 m running 0.87 g/t Au over 0.3 meters. Mineralization in this hole is weaker than either of the holes up and down dip although structure and alteration are still significant.

DDH Q26-20-03

LOCATION: 9 N 409765 E 6244663 N
ELEVATION: 1346 masl
EOH: 106.0 m
AZIMUTH/DIP: 178/-80
DATE: September 18, 2020 to September 19, 2020

Q26-20-03 was intended to test the quartz vein down dip of intersections from drill holes Q26-20-01 and Q26-20-02. The drill hole was collared at a dip of -80° and an azimuth of 178°.

Casing was set at 3.0 meters. An undifferentiated mafic volcanic unit was encountered to 58.1 m with weak chlorite, carbonate, and weak patchy silicification with localized intersections of lapilli tuff. Oxide staining on fractures is common and strong chlorite and carbonate alteration develops from 46.5 to 47.0 meters. Carbonate-rich calc-silicate was intersected from 58.1 to 61.2 meters, underlain by a unit of muscovite schist. A moderately chlorite altered and silicified mafic volcanic unit of tuff and lapilli tuff terminating on a diabase dyke was intersected between 69.8 and 71.3 meters. Strong faulting with hydrothermally altered muscovite schist occurs to 72.6 meters. The mineralized quartz vein was encountered at 74.8 m where a unit of moderate

chlorite-altered mafic volcanics was intersected to 95.3 m. The hole ended in a weakly altered marble unit.

Fractures and zones of broken core are frequent throughout the drill hole with local gouge. Hydraulic brecciation occurs between 17.5 and 17.9 meters. Fault zones with gouge were intersected from 24.7 to 26.5 m, 48.0 to 56.5 m, and 71.25 to 72.6 meters.

A massive white quartz vein was intersected from 72.6 to 74.8 meters with strongly oxidized fracture faces and 1% disseminated pyrite. Trace amounts of pyrite are disseminated throughout the drill hole with slightly elevated concentrations from 39.7 to 40.8 meters within stringers and associated with chlorite alteration.

Q26-20-03 intersected 6.00 meters of mineralization grading 2.20 g/t Au including 0.8 m up to 10.80 g/t within a fractured zone containing quartz and carbonate veining, oxidation, potassic alteration, sericite, and chlorite along with minor galena and pyrite.

DDH Q28-20-01

LOCATION: 9 N 410244 E 6244552 N
ELEVATION: 1290 masl
EOH: 41.0 m
AZIMUTH/DIP: 200/-45
DATE: September 19, 2020 to September 20, 2020

Q28-20-01 was intended to test a quartz vein southeast of the Doc Zone. The drill hole was collared at a dip of -45° and an azimuth of 200°.

Casing was set at 3.0 meters. A mafic volcanic unit characterizes the entire hole to 41.0 meters. Chlorite alteration is weak to moderate throughout with patchy moderate silicification below 16.0 meters. Rust staining is common on fracture faces.

Zones of strongly fractured/blocky characterize the core from 3.0 to 9.0 and 14.1 to 15.9 meters. Fractures and minor blocky zones are common throughout the drill hole.

Strongly altered and fractured bull quartz vein intersected from 14.4 to 15.95 meters with strong oxidation along fracture faces and vein margins. Trace to 2% disseminated pyrite, chalcopyrite, and clots of galena were encountered from 13.6 to 14.0 meters and from 17.0 to 17.47 meters. Stockwork carbonate veinlets are weak throughout the drill hole.

Q28-20-01 intersected 1.00-meter grading 1.73 g/t Au within an oxidized and sericitized bull quartz vein from 15.00 to 16.00 meters.

DDH Q28-20-02

LOCATION: 9 N 410244 E 6244552 N
ELEVATION: 1290 masl
EOH: 32.0 m
AZIMUTH/DIP: 190/-80
DATE: September 20, 2020 to September 20, 2020

Q28-20-02 was intended to test down dip of drill hole Q28-20-01. The drill hole was collared at a dip of -80° and an orientation of 190°.

Casing was casing set at 9.0 meters. A mafic volcanic unit characterizes the core from 3.0 to end of hole at 32.0 meters. Weak pervasive chlorite alteration and rust-stained fractures are present throughout the drill hole.

Blocky, rubbly core was encountered in the hole from 3.0 to 27.0 with sandy fault gouge between 23.2 and 23.3 meters. Fracturing sporadically persists within otherwise competent rock.

An anastomosing quartz carbonate vein is present with 1% pyrite from 21.3 to 21.7 meters. Strongly oxidized Q28 quartz vein was intersected from 23.3 to 25.7 m, with an associated hydrothermal alteration halo between 22.5 and 29.0 meters also containing trace disseminated and weak vein hosted sulphides. Weak oxidized gouge characterizes the upper contact of the Q28 vein from 23.2 to 23.3 meters.

Q28-20-02 intersected up to 0.51 g/t Au from 23.0 to 26.0 meters. This zone is variably fractured with local gouge, moderate oxidation and contains the Q28 bull white quartz vein from 23.3 to 25.7 meters.

6.4.2. DRILL HOLE RESULTS - Q19 ZONE

A summary of the Summer 2020 Q19 Zone results is provided in Table 5.

DDH Q19-20-01

LOCATION: 9 N 411136 E 6243532 N
ELEVATION: 1353.216 masl
EOH: 234.0 m
AZIMUTH/DIP: 207/-70
DATE: August 10, 2020 to August 13, 2020

Q19-20-01 was intended to evaluate the Q19 quartz vein and follow up results from 2019 prospecting and trench sampling program. The drill hole was collared with a dip of -70° and an azimuth of 207°.

Casing was set at 2.75 meters. Chlorite-altered mafic volcanics is the main lithology and persists to end of hole at 234.0 meters. Sporadic epidote lenses are ubiquitous and oxidized fracture coatings are common but decrease in frequency with depth. Strong sericite is present within a fault zone from 27.0 to 29.6 meters. Minor porphyritic phases within the mafic volcanic unit were intersected from 111.2 to 116.6 and from 218.0 to 219.7 meters.

Broken/blocky core is consistent from the top of the hole to 77.0 meters, with discrete zones of broken/blocky core below. A barren fault zone exists from approximately 27.0 to 29.6 meters.

Quartz stringers and veinlets are common throughout Q19-20-01. Trace fresh disseminated sulphides are present throughout the drill hole and fracture-hosted sulphides appear below 94.5 meters.

DDH Q19-20-02

LOCATION: 9 N 411118 E 3243496 N
ELEVATION: 1362 masl
EOH: 179.0 m
AZIMUTH/DIP: 207/-45
DATE: August 16, 2020 to August 19, 2020

Q19-20-02 was intended to target a quartz vein identified in 2019 prospecting and trench sampling directly under where the prospecting activities took place. The drill hole was collared with a dip of -45° and an azimuth of 207°.

Casing was set at 4.75 meters. A moderately chlorite-altered and silicified mafic volcanic unit characterizes the entire hole to 179.0 meters. Patchy calc-silicate alteration and epidote veining are sporadic throughout.

Broken/blocky core that may be related to the mineralization at Q19 occurs from the top of the hole to 99.0 meters. Narrow broken core zones become less frequent to the end of hole.

A fractured and oxidized bull white quartz vein with disseminated pyrite from 7.5 to 8.2 meters was intersected. Brecciated white quartz fragments in an oxidized matrix are present from 31.0 to 31.4 m and may be related to the main mineralized Q19 quartz vein. Trace pyrite occurs below as veinlets, fracture coatings, and within calcite/sericite veins. Moderate disseminated sphalerite was intersected within a calcite vein from 173.5 to 173.7 meters.

Q19-20-02 intersected 1.0 m grading 0.29 g/t Au within the first intercept of the Q19 zone from 7.5 to 8.5 meters. This zone occurs along the pervasively silicified and oxidized upper contact of a fractured bull white quartz vein.

DDH Q19-20-03

LOCATION: 9 N 411118 E 6243496 N
ELEVATION: 1362 masl
EOH: 149.0 m
AZIMUTH/DIP: 225/-45
DATE: August 19, 2020 to August 21, 2020

Q19-20-03 was intended to follow up results from Q19-20-02 by testing the same quartz vein to the west. The drill hole was collared with a dip of -45° and an azimuth of 225°.

Casing was set at 2.9 meters. A moderately chlorite-altered mafic volcanic unit similar to Q19-20-02 characterizes the lithology to the end of hole at 149.0 meters with discrete zones of siliceous metasediments from 99.5 to 101.0 m and intermediate volcanic rocks from 113.2 to 114.8 meters. Q19-20-03 is moderately silicified throughout.

The entire drill hole is interpreted as having intersected the Q19 structural zone. Broken/blocky core is continuous throughout with intervals of fault gouge and slickensides.

The upper part of the Q19 mineralized zone from 8.17 to 10.25 meters features oxidation and blebby pyrite centering on a massive bull white quartz vein. Trace to weakly disseminated and fracture-hosted pyrite is present to end of hole. The lower section of the Q19 mineralized zone was intersected from 63.6 to 63.83 m and is characterized by disseminated pyrite and oxidized calcite veins.

Q19-20-03 intersected 1.07 meters grading 1.21 g/t Au from 8.17 to 9.24 meters within the moderately oxidized and strongly gouged upper contact of a 0.30-meter bull white quartz vein and within the vein itself.

DDH Q19-20-04

LOCATION: 9 N 411118 E 6243496 N
ELEVATION: 1362 masl
EOH: 101.0 m
AZIMUTH/DIP: 175/-45
DATE: August 21, 2020 to August 23, 2020

Q19-20-04 was intended to follow up results from previous drilling on this target in Q19-20-02 by testing quartz veins and structure along strike to the east. The drill hole was collared with a dip of -45° and an azimuth of 175°.

Casing was set at 4.8 meters. As in the previous holes, moderately chlorite altered mafic volcanic rocks lithologically characterize the hole to it's completion at 101.0 meters. The entire drill hole is moderately silicified with local strong silicification over rare intervals. A quartz-feldspar dyke was intersected from 14.5 to 14.6 meters in addition to a centimeter-scale granitic dyke from 91.77 to 91.93 meters.

Broad zones of broken, blocky, and faulted core are consistent throughout the drill hole with rare, localized fault gouge. Q19-20-04 is interpreted to have intersected the Q19 structural zone throughout its entire length.

Fracture-hosted pyrite associated with the Q19 mineralized zone was intersected from 6.8 to 8.7 meters associated with rusty fracture linings and a meter-scale bull white quartz vein. Trace to weak disseminated pyrite occurs throughout most of the drill hole with rare chalcopyrite blebs.

Q19-20-04 intersected 2.25 meters grading 6.18 g/t Au and 47.78 g/t Ag from 6.80 to 9.05 meters within the strongly silicified Q19 structural zone. A bull white quartz vein with pyritic and oxidized fracture coatings was encountered within this zone from 7.3 to 8.5 meters, below which strong sericite alteration occurs.

6.4.3. DRILL HOLE RESULTS - GALENA RIDGE

A summary of the Summer 2020 Galena Ridge results is provided in Table 5.

DDH GR-20-01

LOCATION: 9 N 410442 E 6243514 N
ELEVATION: 1498 masl
EOH: 167.0 m
AZIMUTH/DIP: 198/-45
DATE: August 24, 2020 to August 26, 2020

GR-20-01 was intended to test the Galena Ridge quartz vein to the south of the highest-grade outcrop channel samples. The drill hole was collared with a dip of -45° and an azimuth of 198°.

Casing was set at 2.9 meters. A moderate chlorite-altered mafic volcanic unit was intersected to 6.8 meters with local strong silicification. Calcareous metasediment comprises the upper part of the hole down to 10.0 meters depth where a mafic volcanic unit is intersected to 48.8 meters with discrete intervals of calcareous metasediment and millimeter- to centimeter-scale calc silicate veining. Calcareous metasediment to 68.8 m is underlain by a strongly chlorite-altered mafic volcanic unit to 93.4 meters. A unit of pyritic calcareous metasediment was intersected below to 101.6 m with patches of moderate calc-silicate alteration. Moderately silicified mafic volcanics characterize the core to 117.9 meters with locally strong magnetite from 112.8 to 115.5 m and a felsic dyke from 112.4 to 112.8 meters. Siliceous metasediment was intersected from 117.9 to 124.3 meters which hosts discrete magnetite dykes. A weakly pyritic mafic volcanic unit occurs to end of hole at 167.0 m with a lens of siliceous metasediment from 159.0 to 160.0 meters.

Broad zones of broken/blocky core with localized fracture zones and brecciation are common throughout the middle of the hole. Localized decimeter-scale brecciation is intersected in the lower third of the hole. Centimeter- to decimeter-scale sporadic fault gouge is present from 66.4 to 93.1 meters.

Weak fracture-hosted, vein-hosted, and disseminated pyrite occurs initially at 4.5 meters. Increased concentrations of pyrite were observed frequently from 68.7 to 116.4 m with discontinuous semi-massive and vein-hosted mineralization ranging from 10-40% from 93.4 to 100.6 meters. Weak structural galena is encountered in fractures and veins from 17.9 to 30.1 meters. Pyrrhotite was first intersected at 10.0 m, occurs in trace amounts to 33.4 m with a bedded interval up to 30% pyrrhotite from 17.6 to 17.7 meters. Disseminated magnetite, up to 10% is present from 112.8 to 115.5 m and from 120.3 to 120.6 m with a zone of 30% banded magnetite from 121.4 to 121.7 meters. Stockwork calcite veins, occasionally hosting pyrite mineralization, are encountered from 37.6 to 38.2 meters and from 93.1 to 101.6 meters. Sheeted centimeter-scale quartz veins from 20.9 to 21.19 m and 148.0 to 148.66 m contain trace amounts of sulphides along the contacts.

DDH GR-20-02

LOCATION: 9 N 410442 E 6243514 N
ELEVATION: 1498 masl
EOH: 143.0 m
AZIMUTH/DIP: 206/-60
DATE: August 26, 2020 to August 28, 2020

GR-20-02 was intended to test the Galena Ridge quartz vein to the south of the highest-grade outcrop channel samples. The drill hole was collared with a dip of -60° and an azimuth of 206°.

Casing was set at 2.31 meters. A moderately chlorite-altered mafic volcanic unit was intersected to 7.0 m with decimeter-scale calcareous and silicified metasediment beds. Siliceous metasediment with decimeter-scale calcareous layers occur to 8.5 meters. Moderately chlorite-altered mafic volcanics were then intersected to 41.4 m with discrete siliceous and calcareous layers. The bottom of the hole comprises a mixed unit of strongly siliceous metasediments, mafic volcanics, and calcareous metasediments to 59.48 meters with a mafic volcanic unit to the end of hole at 143.0 meters.

Broad zones of broken core are common throughout the drill hole with sporadic sediment filled fractures. A zone of brittle-ductile deformation from 91.6 to 112.0 meters is characterized by intervals of strongly foliated mylonite interleaved with stockwork fractures, brecciation, and intense gouge.

Common weakly disseminated and vein-hosted pyrite throughout the drill hole has locally elevated concentrations in and around quartz and calcite veins. Specularite micro-veining is found in local fracturing and veinlets from 5.07 to 5.8 meters. A smoky quartz vein with 10% semi-massive pyrite is intersected from 24.1 to 24.8 meters. A pyritic quartz-calcite vein breccia is present from 73.6 to 74.4 meters where cm-scale quartz veins become prevalent from 89.0 to 89.2 m with oxidized contacts. A zone of pyritic quartz veining was intersected from 126.6 to 132.1 meters.

DDH GR-20-03

LOCATION: 9 N 410442 E 6243514 N
ELEVATION: 1498 masl
EOH: 149.48 m
AZIMUTH/DIP: 025/-45
DATE: August 28, 2020 to August 31, 2020

GR-20-03 was intended to evaluate stratigraphy with high metallic content to evaluate the stratigraphy for potential low grade disseminated Au. The drill hole was collared with a dip of -45° and an azimuth of 025°.

Casing was set at 3.1 meters. A unit of moderately chlorite-altered mafic volcanic rocks was intersected to the end of hole at 149.5 m with a lens of calcareous metasediment from 138.9 to 140.9 meters. Isolated zones of increased magnetite content sporadic throughout. Discrete bleached zones are present intermittently throughout the drill hole, regularly flanking quartz-calcite veins.

Several meter-scale intervals of broken/blocky core were intersected intermittently throughout the drill hole. Zones of distinct ductile deformation are also present with discontinuous folded textures observed from 61.5 to 74.9 m and folded calcite veins from 145.8 to 149.5 meters.

Pyrite, chalcopyrite, and pyrrhotite are disseminated in trace amounts throughout the entire drill hole, often in tight fractures and calcite veins. Sulphide mineralization is occasionally oxidized. Millimeter- to centimeter-scale quartz and calcite veins are present sporadically throughout GR-20-03, becoming more frequent with depth.

DDH GR-20-04

LOCATION: 9 N 410516 E 6243711 N
ELEVATION: 1501 masl
EOH: 105.25 m
AZIMUTH/DIP: 217/-45
DATE: September 1, 2020 to September 3, 2020

GR-20-04 was intended to test under a channel sample that contained galena, gold, silver, and copper related to a quartz vein. The drill hole was collared with a dip of -45° and an azimuth of 217°.

Casing was set at 3.0 meters. A unit of moderately chlorite-altered mafic volcanics characterizes the lithology to the end of hole at 105.3 meters. Lenses of calcareous metasediment (possibly marble) are encountered from 3.0 to 8.0 m and from 16.1 to 16.6 meters. Zones of bleaching and oxidation are common on the periphery of quartz and calcite veins. Silicification varies from weak to moderate throughout the drill hole.

Decimeter scale broken/blocky core zones are intermittent throughout the drill hole. A shear zone from 37.7 to 40.7 comprises local mylonite and fault gouge. Two additional shear zones are encountered from 62.3 to 64.0 m and from 96.3 to 105.3 m, the latter of which has multiple intervals of moderate to intense gouge.

Disseminated sulphides including pyrrhotite with minor galena and chalcopyrite are common throughout the drillhole. Moderate fracture and vein-hosted pyrite occurs from 88.9 to 90.9 m and from 92.3 to 96.3 m within calcite veinlets. Discrete zones of elevated magnetite content along foliation and within veins were intersected sporadically throughout the drillhole. Quartz veins with variable sulphide mineralization are present from 15.5to 16.1 meters and 40.7 to 41.7 meters.

GR-20-04 intersected 0.42 meters grading 1.33 g/t Au and 12.2 g/t Ag from 15.67 to 16.09 meters associated with a 0.50 meter fractured quartz vein hosting pyrite, chalcopyrite, pyrrhotite, and galena.

DDH GR-20-05

LOCATION: 9 N 410156 E 6243711 N
ELEVATION: 1501 masl
EOH: 88.0 m
AZIMUTH/DIP: 217/-70
DATE: September 3, 2020 to September 4, 2020

GR-20-05 was intended to follow up results from GR-20-04 down dip. The drill hole was collared with a dip of -70° and an azimuth of 217°.

Casing was set at 0.9 meters. Weakly pyritic calcareous metasediments are present to 3.0 m, where a mafic volcanic unit persists to end of hole at 88.0 meters. Bleached halos around quartz and calcite veins are frequent, as are oxidized fracture coatings. Moderate chlorite alteration and weak silicification are ubiquitous.

Broken/blocky core zones are common throughout the drill hole with local decimeter scale gouges. Mixed brecciated/broken and shear zones with minor mylonite and gouge were intersected from 15.1 to 33.6 m and from 67.9 to 87.5 meters.

Foliation-parallel quartz and calcite stringers are abundant below 5.0 meters, with quartz stringers largely disappearing below 69.08 meters. Several quartz veins with mixed sulphide mineralization were intersected from 40.4 to 40.5 m and from 67.4 to 67.8 m overlain and underlain, respectively by mixed broken/breccia/shear zones. Trace disseminated pyrite is common throughout GR-20-05, with rare discrete intervals of galena and chalcopyrite. Elevated pyrite concentrations are limited within calcite-quartz veinlets and along fracture surfaces. Local strong pyrite mineralization exists within calcite veins and associated with significant magnetite and chlorite from 72. 5 to 80.7 meters.

DDH GR-20-06

LOCATION: 9 N 410156 E 6243711 N
ELEVATION: 1501 masl
EOH: 86.0 m
AZIMUTH/DIP: 217/-82.5
DATE:September 4, 2020 to September 5, 2020

GR-20-06 was intended to follow up results from GR-20-04 and GR-20-05 down dip. The drill hole was collared with a dip of -82.5° and an azimuth of 217°.

Casing was set at 0.6 meters. Strongly deformed calcareous metasediments were intersected to 8.0 m with interbedded mafic volcanic layers. A moderately chlorite-altered mafic volcanic makes up the lithology to end of hole at 86.0 meters. Silicification is weak to moderate throughout most of the drill hole and bleached haloes are common around veins and veinlets.

Strong folded textures were observed within the calcareous meta-sediments from the bottom of the casing to 8.0 meters. Two fault zones were intersected - the first, from 73.5 to 77.3 m is associated with mineralization and features multiple gouges; the second, from 80.0 to 85.3 m,

comprises clay and limonite on the fracture faces. Meter-scale broken/blocky core zones are intermittently present from 18.1 to 50.0 meters.

Foliation-parallel quartz and calcite veinlets are abundant to 51.2 m, with centimeter- to decimeter-scale, occasionally pyrite-bearing, quartz veins dispersed sporadically throughout the interval. Disseminated pyrite and pyrite stringers are variably common throughout the drillhole, sometimes adjacent to rare chalcopyrite grains. Increased pyrite content exists on some fracture surfaces and within fault fill from 75.6 to 77.0 meters.

6.4.4. DISCUSSION OF DIAMOND DRILL RESULTS

Results from the 2020 Exploration program were overall very positive. The Doc zone mineralization was verified with several drillholes while mineralization was intersected at Q26, Galena Ridge and Q19 areas associated with sheared epithermal quartz veins. Cross sections with assay results of all drill holes can be found in Appendix E.

At the Doc Zone, mineralization was intersected to a degree in each of the drill holes. DC-20-01 unfortunately did not intersect any structures or quartz veins to the south of the Q17 vein itself, but successfully tested the mineralization near the underground workings. DDH DC-20-02 intersected several small zones of mineralization on the western side of the Q17 vein even though it was not ideally placed based on subsequent 3D modelling suggesting another test to undercut this hole is warranted. DC-20-04 and 05 were drilled to verify historical results from holes 86-6 and 86-7. Grades obtained in both of those holes were successful in achieving this goal. DC-20-06 also intersected high grade Au mineralization in the Q17 several meters along strike to the west. The mineralization at the Doc zone is currently open at depth and along strike and with the results from the UAV magnetic survey it may be offset to the north on the western side.

At the Q26 zone, historical trenching exposed a mineralized quartz vein over ~140 m of strike length. The new UAV magnetics survey results show an association with a magnetic low which is similar to the Doc veins system. This quartz vein is much the same in character as the Doc veins with sheared and structurally disrupted contacts on each side of the quartz vein itself and may be part of the same mineralizing system. In the summer of 2020, three holes tested this quartz vein. Results were positive in the upper and lower holes on the fence, with the centre test returning lower Au values. Additional tests of this quartz vein are warranted as mineralization is open in all directions.

The Q19 quartz vein is located in the central portion of the Property and historical work including channel and grab samples have returned significant Au grades up to 202.0 g/t Au, 1735 g/t Ag with 32.1% Pb. The Q19 zone is characterized by discontinuous white bull quartz veins over a meter wide in places with structurally disrupted contacts. Because of their discontinuous character, tracing them with drilling has proven difficult. In 2020, four drill holes evaluated one of the quartz veins directly down dip of where the channel sample mentioned above was taken. Results were mixed with moderate grades reaching 6.18 g/t Au over 2.25 m. Additional work is warranted in this area to better understand the structural scenario and help identify new mineralization.

The Galena Ridge quartz vein also has historical channel and grab sampling information with results returning grades including 12.8 g/t Au with 263 g/t Ag and 1975 ppm Cu. The area was drill tested in 2020 with 6 holes. Three of which tested the quartz vein returning modest grades of 1.33 g/t Au over 0.42 m.

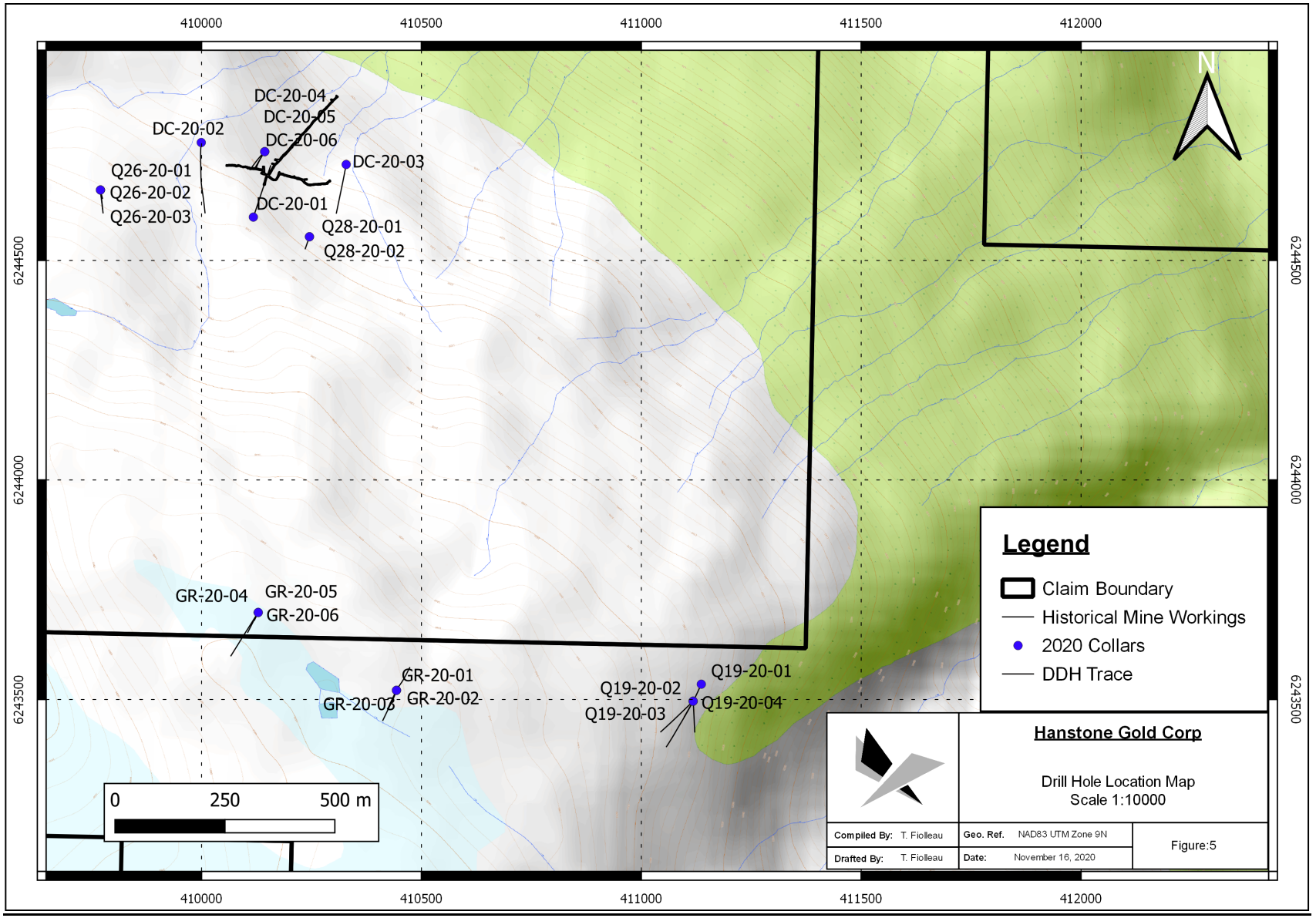

Figure 10: 2020 Drill Hole Location Map

Table 4: Doc Summer 2020 - Drill Hole Locations

Hole ID	Target Zone	UTM		Elevation (masl)	Dip (°)	Azi (°)	E.O.H. (m)
		Eastings	Northings				
DC-20-01	Doc	410116	6244601	1316	-50	215	195.5
DC-20-02	Doc	409998	6244768	1260	-45	215	241.3
DC-20-03	Doc	410327	6244720	1236	-45	215	162
DC-20-04	Doc	410142	6244751	1273	-60	215	92
DC-20-05	Doc	410142	6244751	1273	-75	215	143
DC-20-06	Doc	410143	6244748	1273	-70	225	149
Q19-20-01	Q19	411136	6243532	1353	-70	146	105.3
Q19-20-02	Q19	411118	6243496	1362	-45	208	87.5
Q19-20-03	Q19	411118	6243496	1362	-45	225	86
Q19-20-04	Q19	411118	6243496	1362	-45	175	166.4
GR-20-01	Galena Ridge	410156	6243711	1501	-45	217	143
GR-20-02	Galena Ridge	410156	6243711	1501	-70	217	149.5
GR-20-03	Galena Ridge	410156	6243711	1501	-83	217	233.7
GR-20-04	Galena Ridge	410442	6243514	1498	-45	198	179
GR-20-05	Galena Ridge	410442	6243514	1498	-60	198	149
GR-20-06	Galena Ridge	410442	6243514	1498	-45	25	101
Q26-20-01	Q26	409770	6244661	1346	-45	178	74
Q26-20-02	Q26	409770	6244661	1346	-60	178	87
Q26-20-03	Q26	409770	6244661	1346	-45	178	106
Q28-20-01	Q28	410245	6244554	1290	-45	200	41
Q28-20-02	Q28	410245	6244554	1290	-80	200	32

6.5. ANALYTICAL INFORMATION

A total of 182 drill core samples were submitted to ALS Laboratory Group and 788 to TLC laboratories Inc. during the summer 2020 diamond drill program. Of the 970 samples submitted, 31 were blind field duplicates and standards were inserted by the labs according to internal QaQc procedures.

Both labs utilized by Axiom are registered with current ISO accreditation. Both, ALS and TSL is accredited to international quality standards through the International Organization for Standardization/ Internal Electronic Commission (ISO/IEC), ISO17025 (Testing and Calibration Laboratories).

All rock sample preparation conducted by TSL was at their preparation facility in Saskatoon, SK. Rock samples were dried, crushed to 95% passing 1.70 mm, creating ~1000g sample. Sample is then split and pulverized to 95% passing 106 microns. Core analyzed by TSL was handled at their facility in Saskatoon, SK. Core samples were analyzed for gold using method D19, gravimetric, gold fire assay, 1000g. Gold Assays returning greater than 10g/t (ppm) where analyzed using FAS-245, gold fire assay with gravimetric finish. Additionally, Ag and Cu returning greater than 100 ppm and 1% respectively were also reanalyzed using methods with higher above detection thresholds.

All rock sample preparation conducted by ALS at their preparation facility in Terrance, B.C. Rock samples were dried, crushed to 70% passing 2 mm, creating ~1.75kg sample. Sample is then split and pulverized to 85% passing 75 microns. Core analyzed by ALS was conducted at their

facility in British Columbia. Core samples were analyzed for gold using method AA23, gold fire assay, 50g. AAS, ore grade. Gold Assays returning greater than 10 g/t (ppm) where analyzed using GRA21, gold fire assay with gravimetric finish. Core was also analyzed for various elements using method ME-MS41, Aqua regia digestion, 50g sample.

6.5.1. METHODOLOGY FOR LITHOGEOCHEMICAL SAMPLING

Sampling of core consisted of targeting geological structures, alteration, and sulphide mineralization. Lithogeochemical samples were 0.2- to 1.0-meter-long pieces collected over the entire width of any noteworthy alteration, structures or sulphide mineralization. Bracket samples were utilized over anomalous mineralization for at least 1 meter beyond the anomalous interval. Attempts were made to avoid having more than one lithology or alteration type in any given sample. All samples were split with a gas Pothier rock saw.

6.5.2. QUALITY CONTROL

TSL laboratories ran several different standards that were inserted approximately every 20 samples, as well as two pulp duplicates and one geological blank in every batch with FA/AA work and three pulp duplicates for FA/Gravimetric work. Random additional repeats were also analyzed to ensure quality control.

A total of 18 blanks, 27 GS-7E high-grade Au standards, 18 Oreas 262 low-grade standards, and 10 DS-11 poly metallic standards were inserted into the 788 drill core samples sent to TSL Labs.

ASL labs inserts standards and blanks according to their own internal procedure that is ISO and IEC accredited.

Data validation shows repeatability of all standards to be quite good with minimal variation.

6.5.3. DRILL CORE GEOCHEMICAL RESULTS

Analyses results from the 970 core samples from the drill program have been compiled and reviewed. The statistical results were grouped by area, namely Doc, Q19, Galena Ridge and Q27. The geochemistry for selected elements are provided in Table 5. The assay certificates are included in Appendix C.

Table 5: Summary of Geochemical Results

Hole ID	GT	Avg Grade Au (g/t)	Ag (g/t)	Cu (ppm)	Zn (ppm)	Interval	From (m)	To (m)
DC_20_01	9.5	1.58				6.00	175.00	181.00
DC_20_01	8.5	2.92				2.90	176.00	178.90
DC_20_01	3.7	7.41				0.50	176.94	177.44
DC_20_02	3.3	1.39				2.40	28.00	30.40
DC_20_02	0.9	4.36	96.50	1300.0	381.0	0.20	59.20	59.40
DC_20_02	0.5	0.53				0.88	105.92	106.80
DC_20_02	0.5	0.33				1.67	111.60	113.27
DC_20_02	0.6	0.20				2.95	162.55	165.50
DC_20_02	0.1	0.31				0.40	166.70	167.10
DC_20_03	16.3	1.85				8.82	82.18	91.00
DC_20_03	16.0	2.27				7.02	82.18	89.20
DC_20_03	1.2	0.31				3.80	121.80	125.60
DC_20_04	51.6	6.35				8.12	69.48	77.60
DC_20_04	37.0	10.58				3.50	71.00	74.50
DC_20_04	31.9	53.10	198.9	416		0.60	72.90	73.50
DC_20_04	12.4	17.68	76.9	920.9		0.70	76.30	77.00
DC_20_05	0.5	0.45				1.00	61.60	62.60
DC_20_05	0.5	0.69				0.68	65.60	66.28
DC_20_05	0.1	0.62				0.24	68.64	68.88
DC_20_05	82.5	11.51				7.17	129.83	137.00
DC_20_05	58.6	50.12				1.17	133.23	134.40
DC_20_05	78.2	20.74				3.77	132.23	136.00
DC_20_06	1.2	2.78				0.45	61.10	61.55
DC_20_06	2.9	0.97				3.00	60.50	63.50
DC_20_06	159.5	12.01	52.70	323.6	229.1	13.28	119.00	132.28
DC_20_06	4.2	8.47				0.50	119.00	119.50
DC_20_06	145.6	113.70	495.30	838.0	728.1	1.28	131.00	132.28
GR-20-04	0.6	1.33	12.2			0.42	15.67	16.09
Q19-20-02	0.3	0.29				1.00	7.50	8.50
Q19-20-03	1.3	1.21				1.07	8.17	9.24
Q19-20-04	13.9	6.18	47.78			2.25	6.80	9.05
Q26-20-01	10.1	5.10	49.30			1.97	42.83	44.80
Q26-20-02	0.3	0.87				0.35	53.00	53.35
Q26-20-03	13.2	2.20				6.00	72.00	78.00
Q26-20-03	8.6	10.80				0.80	74.00	74.80
Q28-20-01	1.7	1.73				1.00	15.00	16.00
Q28-20-02	1.5	0.51				3.00	23.00	26.00
GR-20-04	0.6	1.33	12.2			0.42	15.67	16.09

7. UAV MAGNETIC SURVEY RESULTS

The Drone mounted UAV magnetic survey was flown in September 2020 over all high priority areas on the Doc Property. The survey logistics report is attached in Appendix E.

Results from the survey can be used to help broadly map lithological units and identify structural trends that may be related to Au mineralization on the Property. Results from this survey will be utilized in conjunction with ground truthing and SIDA to help identify prospective target areas outside of Doc and Q26 zones.

7.1 DOC PROPERTY UAV MAGNETIC SURVEY POST PROCESSING FIGURES

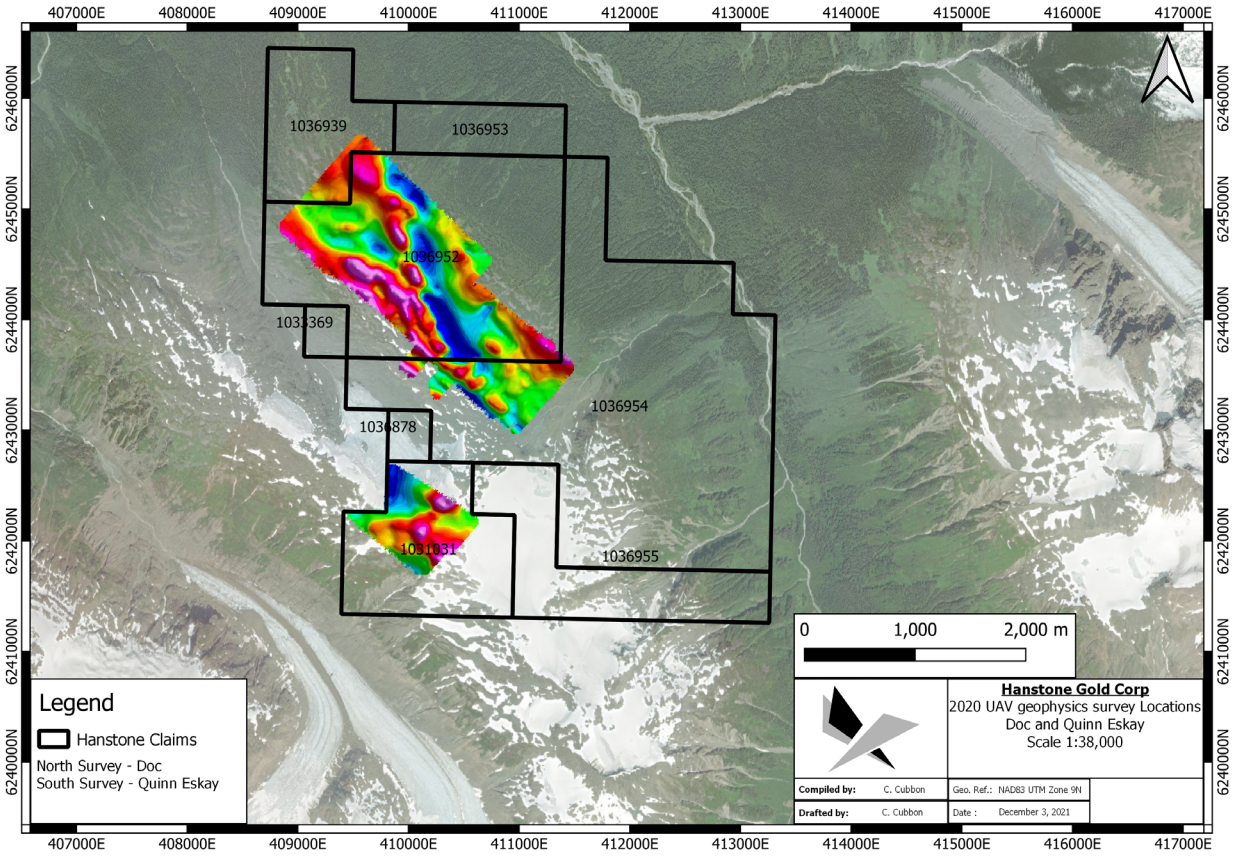

Figure 11: Locations of Doc and Quinn Eskay Survey

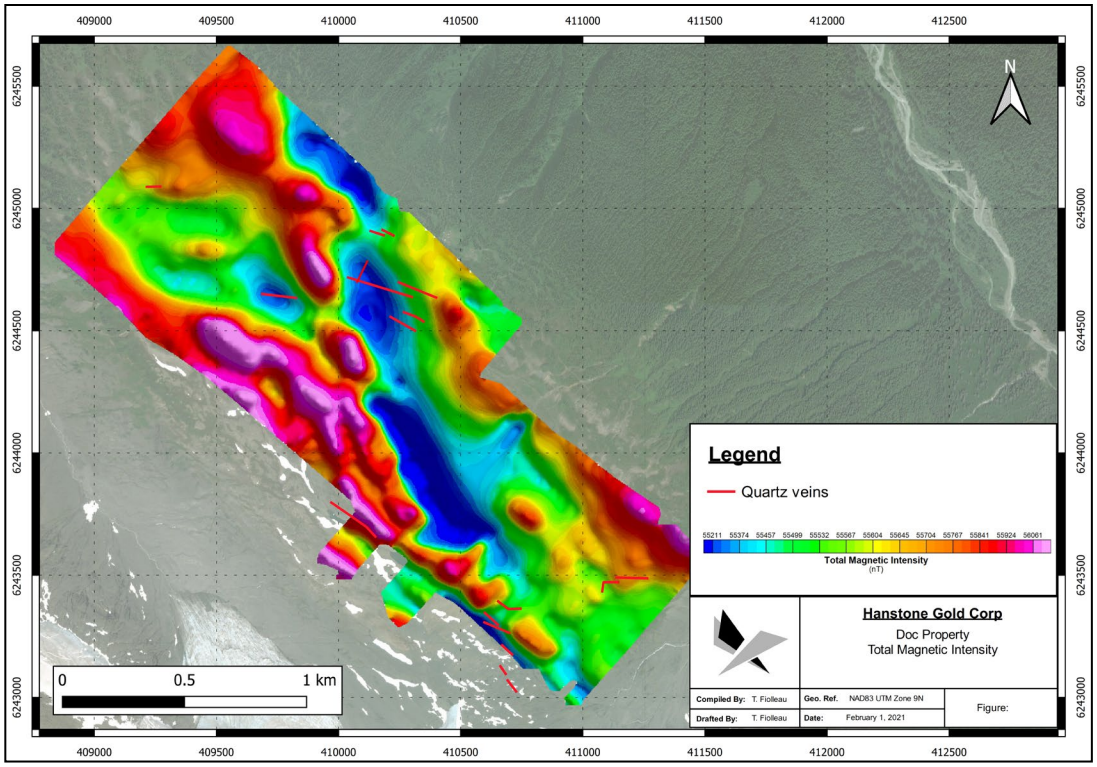

Figure 12: Total Magnetic Intensity

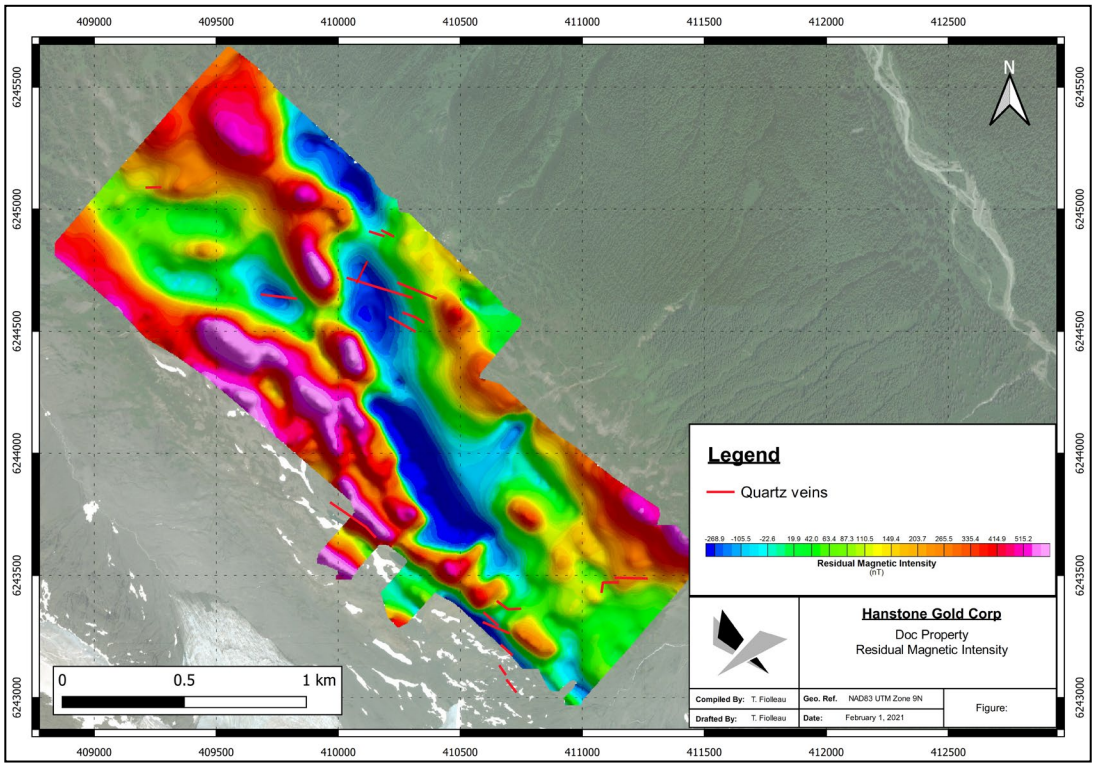

Figure 13: Residual Magnetic Intensity

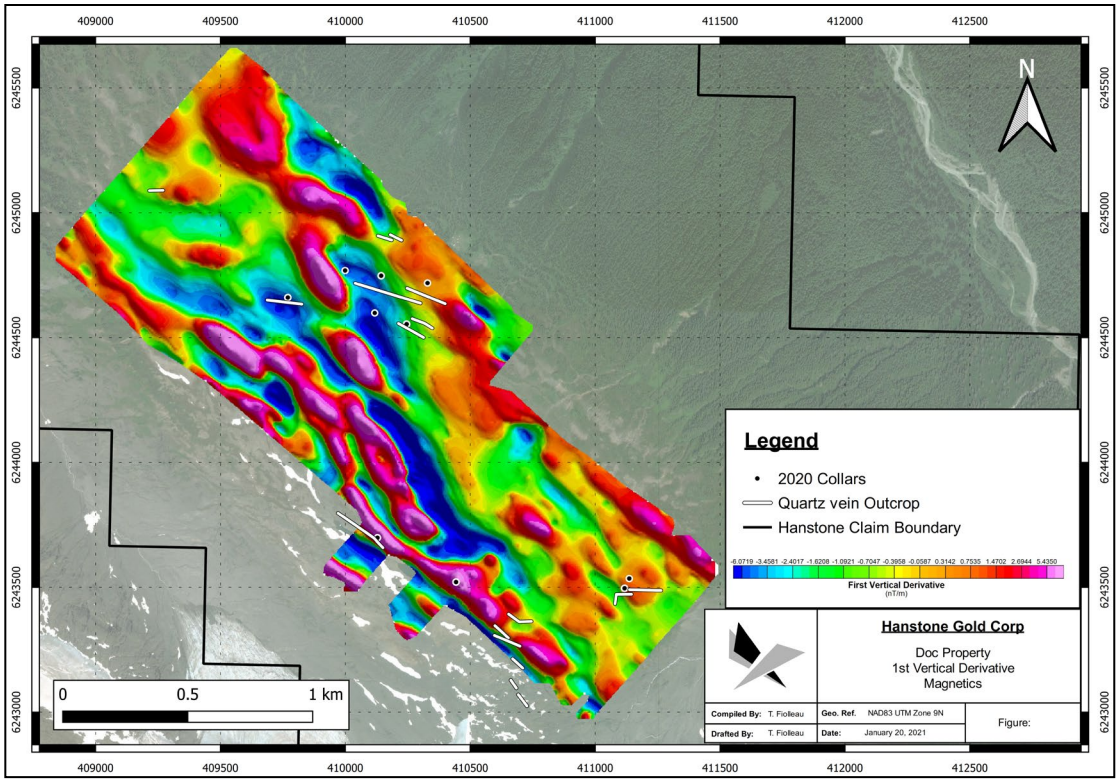

Figure 14: First Vertical Derivative

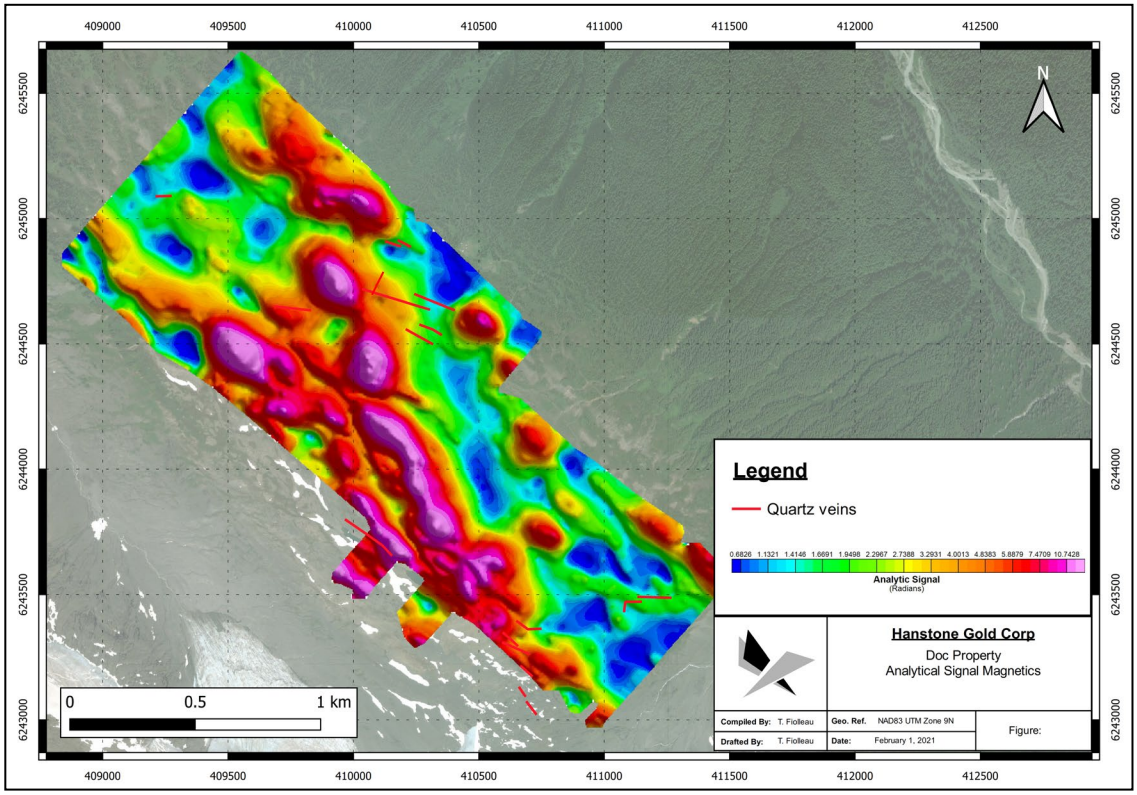

Figure 15: Analytic Signal

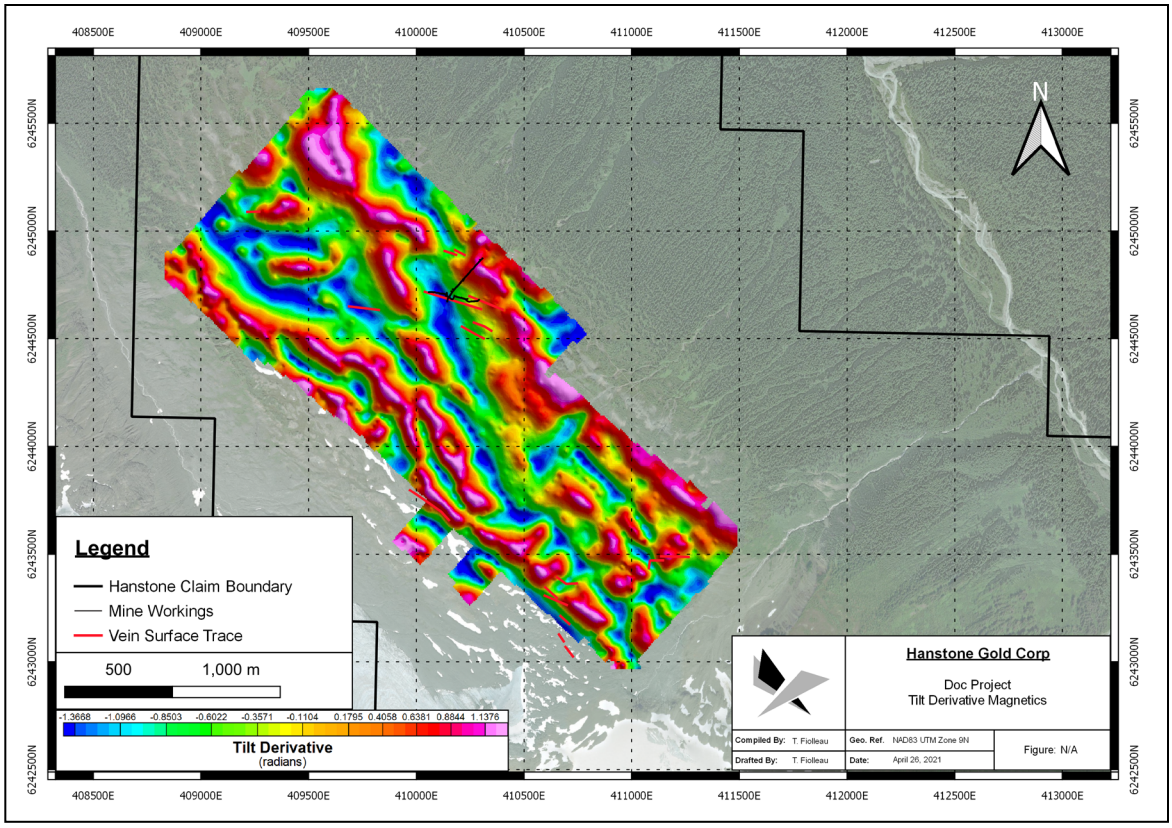

Figure 16: Tilt Derivative

7.2 Quinn Eskay UAV Magnetic Survey Post Processing Figures

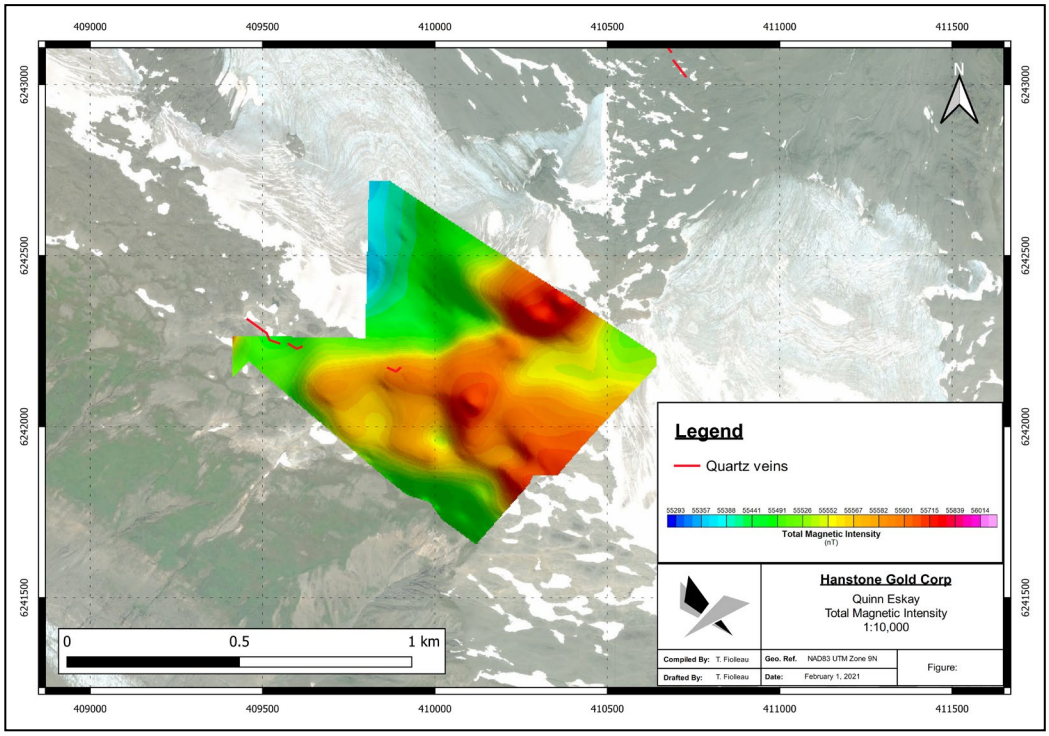

Figure 17: Total Magnetic Intensity

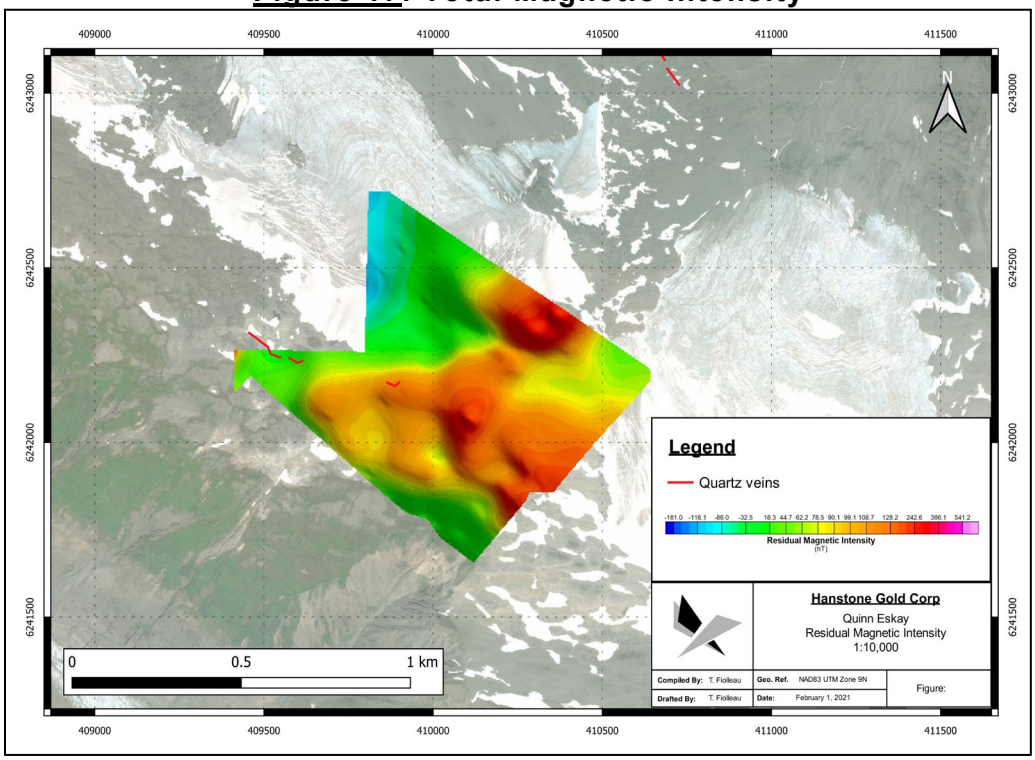

Figure 18: Residual Magnetic Intensity

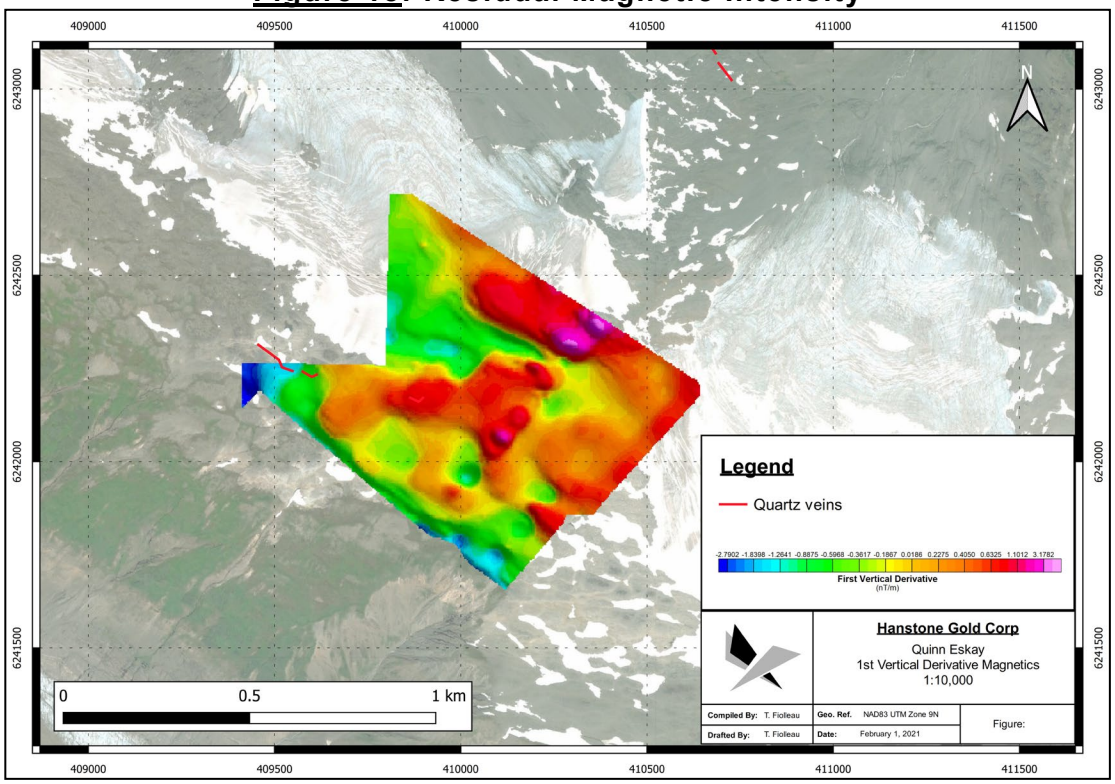

Figure 19: First Vertical Derivative

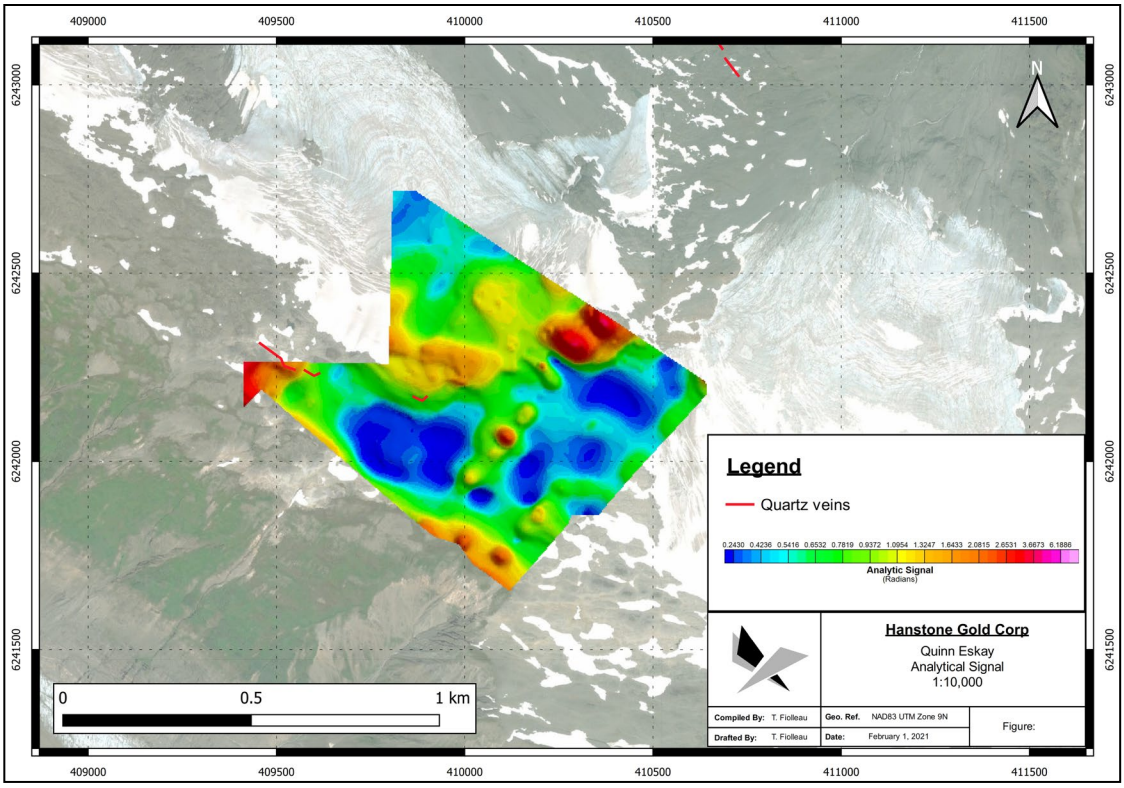

Figure 20: Analytical Signal

8. CONCLUSIONS & RECOMMENDATIONS

Results from the 2020 Exploration program on the Doc Property were successful in verifying the mineralization associated with the Doc Zone, Q19, Q26 and Galena Ridge areas.

The 2020 UAV magnetic survey has successfully helped identify areas for prospective mineralization due to the associated magnetic signature. Although historical surveys were useful for general location of anomalies, the current survey provides much better resolution and confidence in the location and interpretation of local geology.

Some recommendations for follow-up are:

- Expanding the known mineralization on the Doc Zone (Q17 and Q22 veins) with the objective to complete a preliminary NI 43-101 compliant resource. This would require 3-hole fences spaced at 25 to 40 m centres. Historical work on these veins were done with small diameter coring in the 80's and 90's and do not have proper QA/QC. Much of this work would need to be re-drilled with NQ or HQ core to become compliant.
- Scout for additional historical drillholes and potentially look at conducting an IP survey over key areas on the Property. IP can be useful in identifying areas with disseminated sulphides that do not connect and therefore would not otherwise be conductive. This method works well to explore for porphyry type deposits.
- Continue with a broader magnetic program throughout the area. From the digitised magnetic data, there are significant magnetic anomalies outside the bounds of the

current UAV magnetic survey. These areas should be followed-up with a more recent survey if these anomalies are found to be geologically interesting.

- Updated surface mapping and integration into a modern structural and lithological interpretation of the area is recommended. A thorough mapping program combined with a detailed geological and structural interpretation from the UAV magnetics survey from 2020 would help identify new target areas.
- Many orogenic Au deposits do not have a strong magnetic or conductive signature due the prevalence of Au in non-magnetic quartz veins hosted in second and third order shear zones or competency contrasts between lithologies. Identifying these prospective shear zones and structural features from the magnetic data and mapping, which have no conductive signature, may also be useful in targeting areas of increased Au mineralization.

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10. CERTIFICATE OF QUALIFIED PERSON

TYLER FIOLLEAU - CERTIFICATE OF QUALIFIED PERSON

I, Tyler Fiolleau, P.Geo., as an author of this report entitled “Assessment Report On Exploration Activities, Doc Project, British Columbia, Canada, do hereby certify that:

1. I am a Senior Geologist with Axiom Exploration Group Ltd
2. I am a graduate of with a Bachelor of Science Degree in Geology.
3. I am a Member of the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) and registered as a Professional Geoscientist, Member #13295. I have worked as a Geologist for a total of 15 years.

My relevant experience for the purpose of the Assessment Report is:

- Over 15 years of exploration, mining, and project evaluation experience, including gold and precious metal exploration.

4. I have read the definition of ‘qualified person’ set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a 'qualified person' for the purposes of NI 43-101.
5. I have visited the Property which is the subject of the Assessment Report.
6. I am independent of Hanstone Gold Corp.
7. I have not had any prior involvement with the subject matter of the Assessment Report.
8. As at the Effective Date, to the best of my knowledge, information, and belief, the Assessment Report contains all scientific and technical information that is available to be disclosed to make the Assessment Report not misleading.

Dated this 5th day of May 2021

(Signed & Sealed) “Tyler Fiolleau”
Tyler Fiolleau, P.Geo.

MATTHEW SCHWAB - CERTIFICATE OF QUALIFIED PERSON

I, Matthew Schwab, P.Geo., as a reviewer of this report entitled “Assessment Report On Exploration Activities, Doc Project, British Columbia, Canada, do hereby certify that:

1. I am the current Senior Vice President of Axiom Exploration Group Ltd. of 101 - 3239 Faithfull Avenue, Saskatoon, SK, Canada, S7K 8H4.
2. I am a graduate of the University of Saskatchewan, Saskatoon, Saskatchewan, Canada with an Honours Degree in Geological Sciences.
3. I am registered as a Professional Geoscientist in the Province of Saskatchewan (APEGS Reg. #21328) and the Province of Alberta (APEGA Reg. #210006) and a member in good standing with both organizations. I have worked as a geologist in the natural resources industry since 2009.
4. I have read the definition of ‘qualified person’ set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a 'qualified person' for the purposes of NI 43-101.
5. I have visited the properties which are the subject of this Assessment Report.
6. I have not had any prior involvement with the subject matter of the Assessment Report.
7. I am independent of the report issuer.

My relevant experience for the purpose of the assessment report is:

- Participation in; review of and reporting on numerous mining and exploration projects for the purposes of mineral exploration, resource development, environmental regulatory compliance, quality control and due diligence.
- Previous roles as an exploration geologist and project manager on numerous mineral exploration projects in Canada, the United States and Africa.
- Experience as a consulting wellsite geologist and advisory supervisor on numerous petroleum exploration and development projects across western Canada.

8. At the effective date of the Assessment report, to the best of my knowledge, information, and belief, the Assessment report contains all scientific and technical information that is required to be disclosed to make the Assessment Report not misleading.

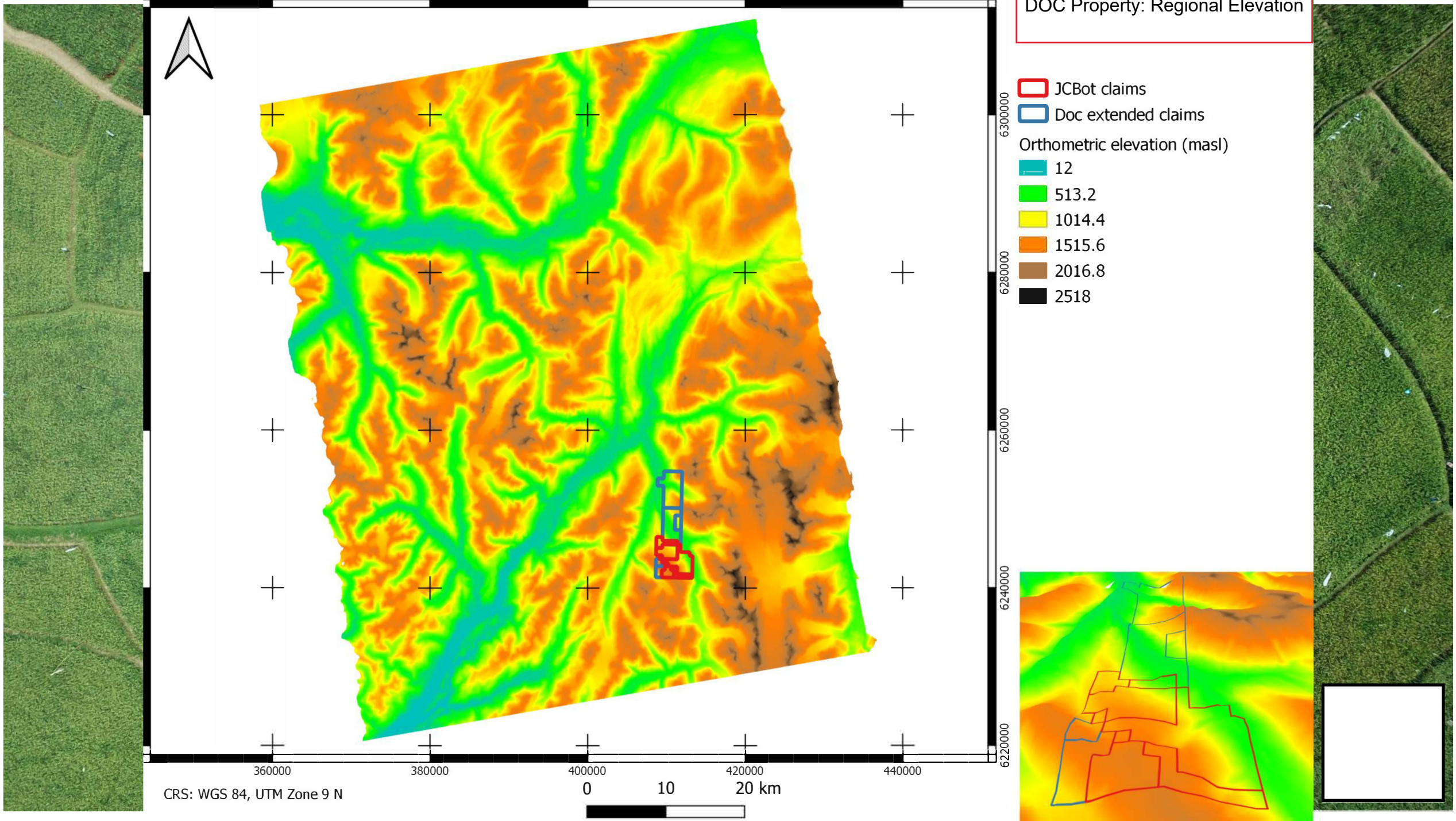
Dated this 5th day of May 2021

(Signed & Sealed) “Matthew Schwab”
Matthew Schwab, P.Geo.

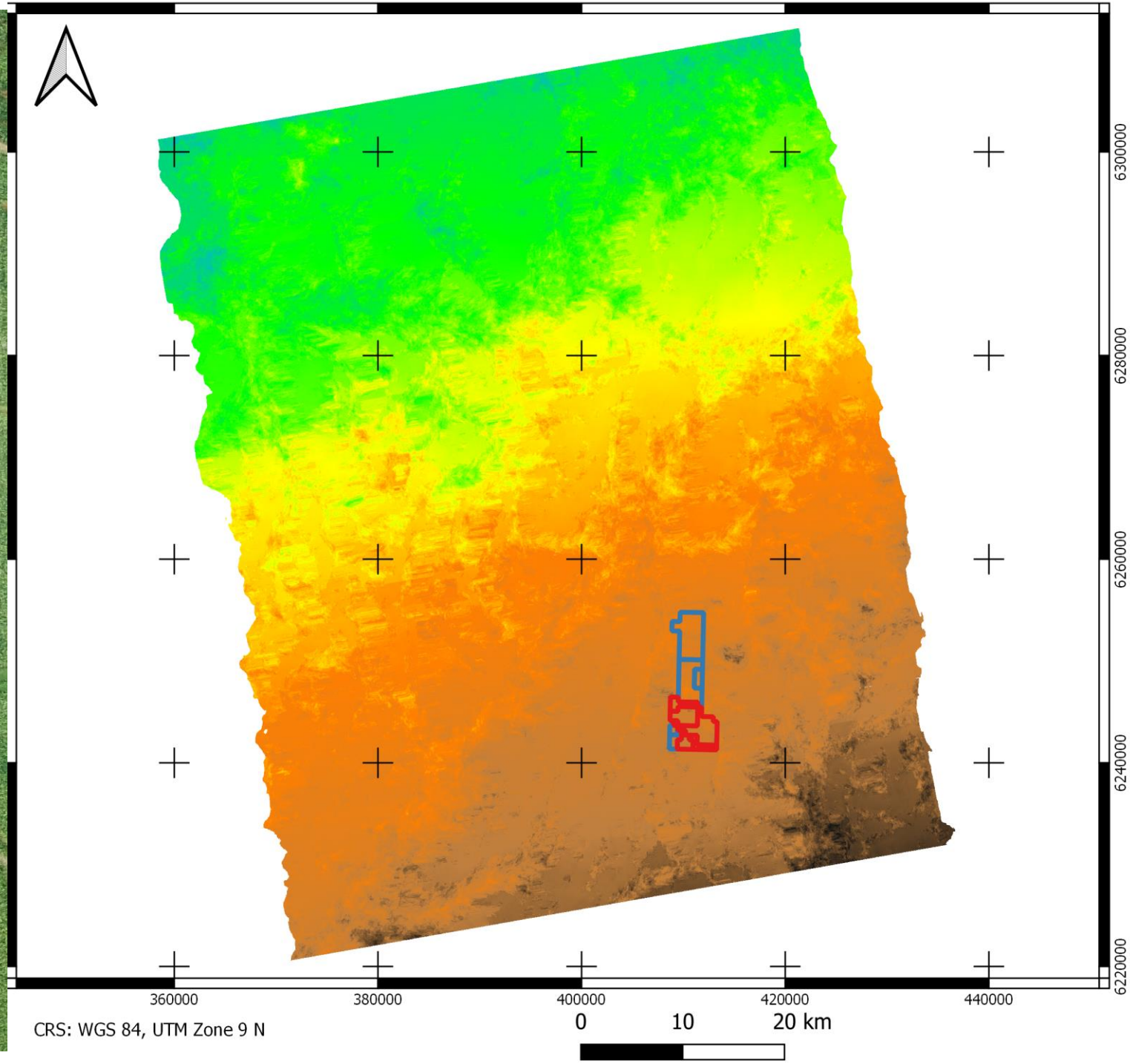
Hanstone Gold Corp.

DOC Property Area
- Satellite Analysis

June 2020

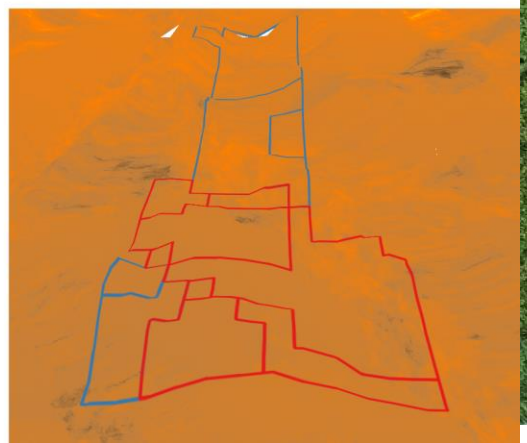

DOC Property: Regional Elevation
JCBot claims
Doc extended claims
Orthometric elevation (masl)
12
513.2
1014.4
1515.6
2016.8
2518
6300000
6280000
6260000
6240000
6220000
360000
380000
400000
420000
440000
CRS: WGS 84, UTM Zone 9 N
0
10
20 km

DOC Property: Regional Displacement over 3 Years



Regional displacement parallel to North American Plate movement, (plate moving in south westerly direction). Uplift in southeastern area and subsidence in northwestern area.

3-D view of claim areas



DOC Property: Local Displacement over 3 Years

JCBot claims

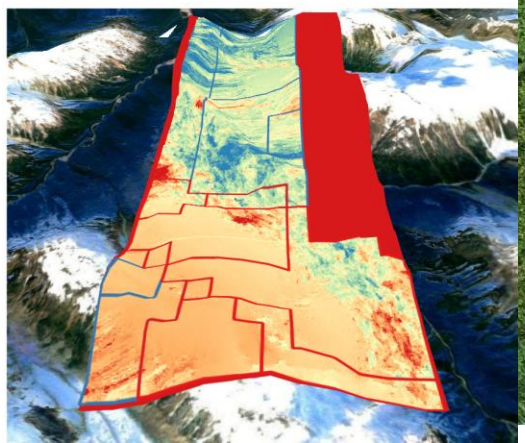
Doc extended claims

Displacement_2016 to 2019 Aug (m)

- -0.12
- -0.0902
- -0.0602
- -0.0302
- -0.000162

Google Satellite Hybrid

Uplift in southwestern area parallel to conjugate fault set of plate tectonic associated parallel faults.



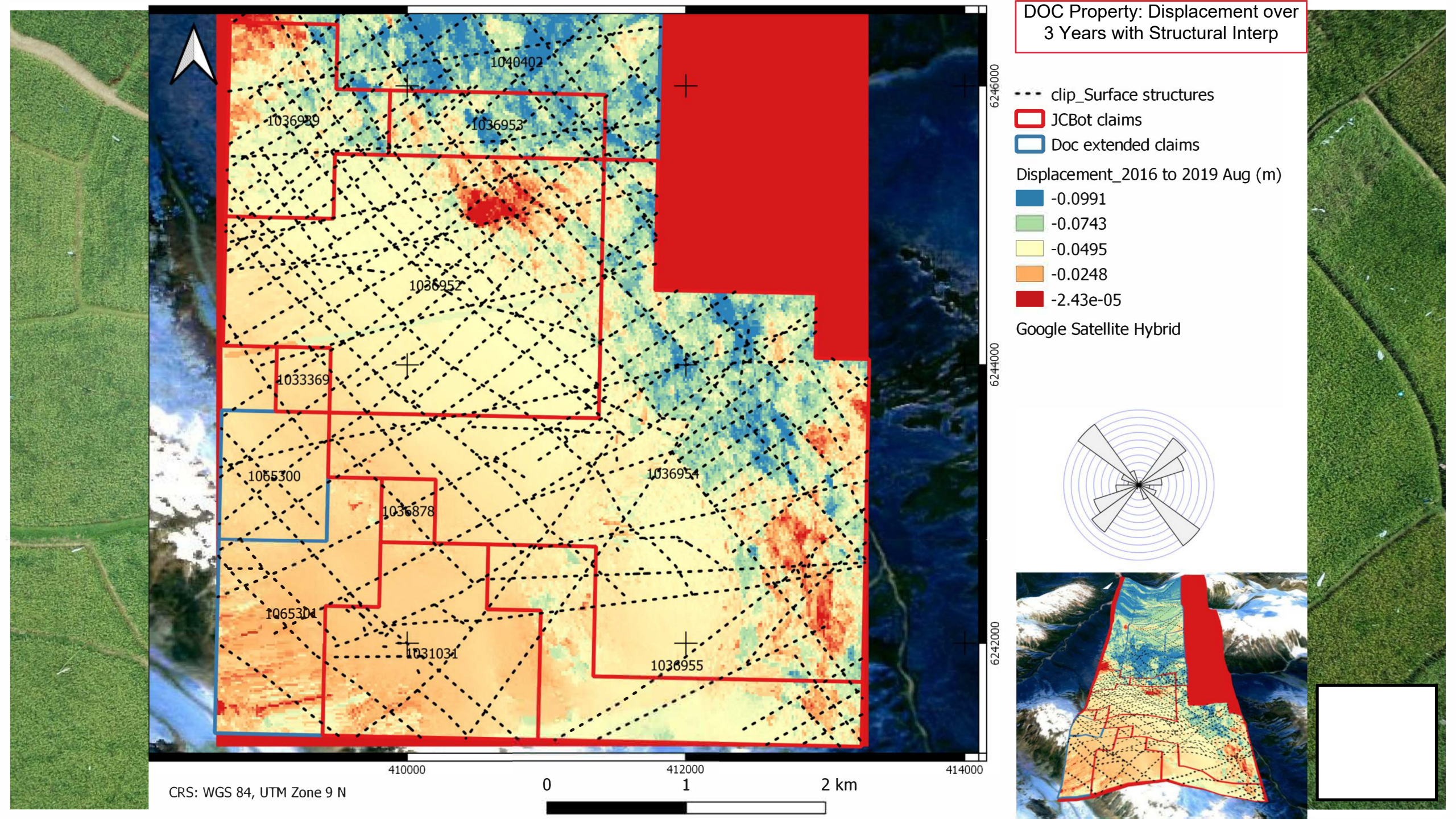
1041376
1039253
1040402
1036939
1036953
1036952
1033369
1065300
1036878
1036954
1065301
1031031
1036955

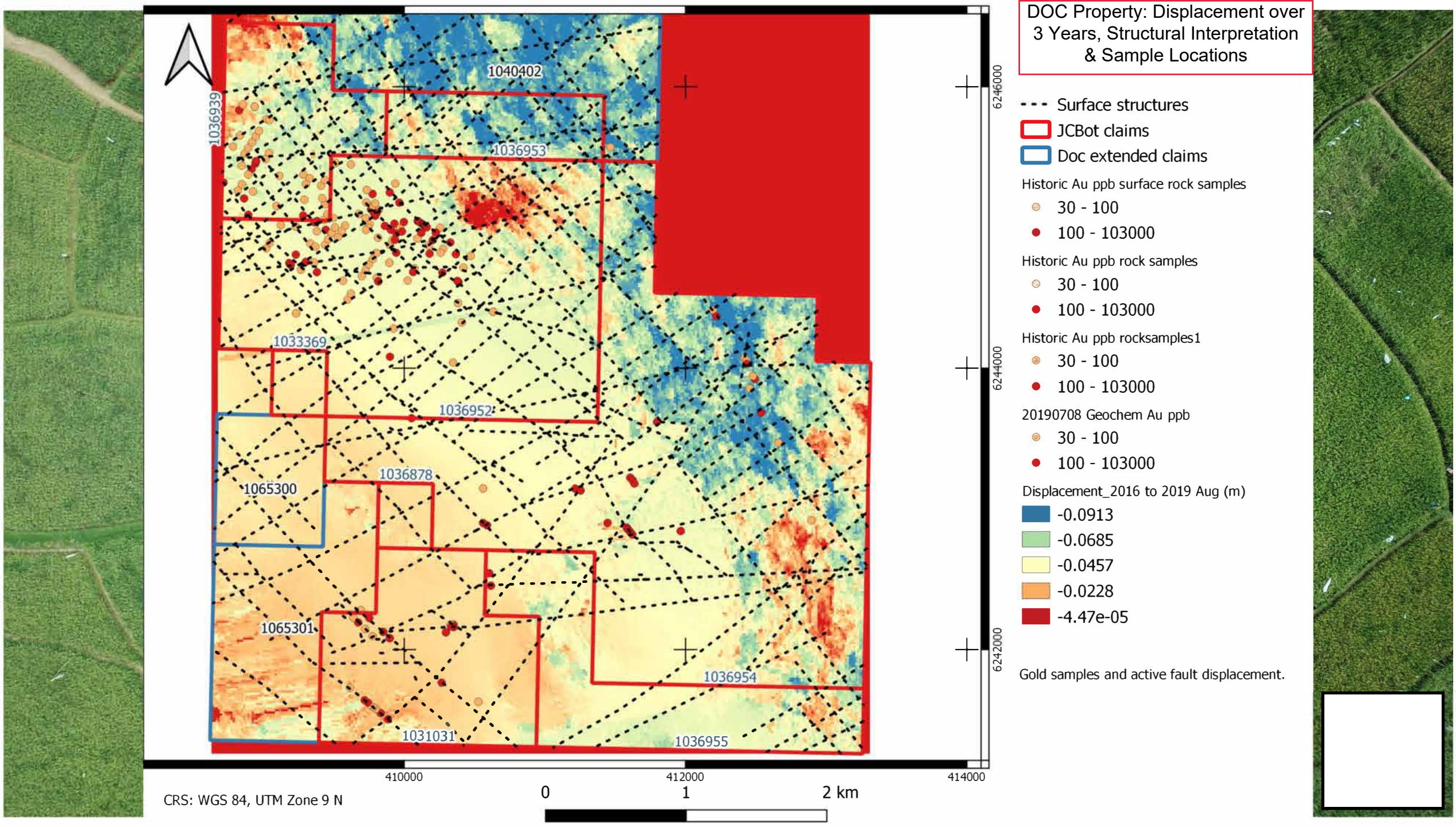
6254000
6252000
6250000
6248000
6246000
6244000
6242000

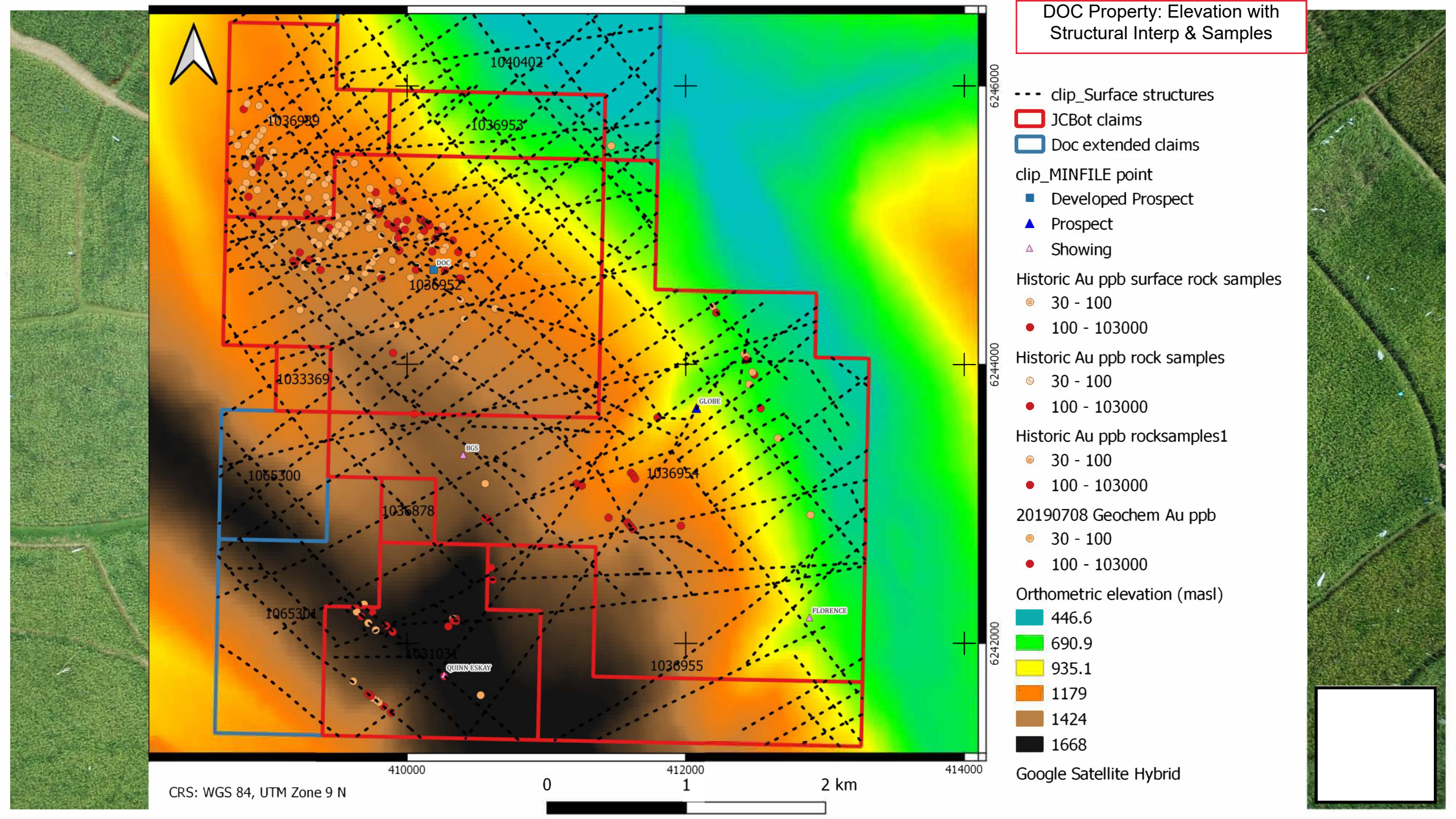
404000 406000 408000 410000 412000 414000 416000 418000

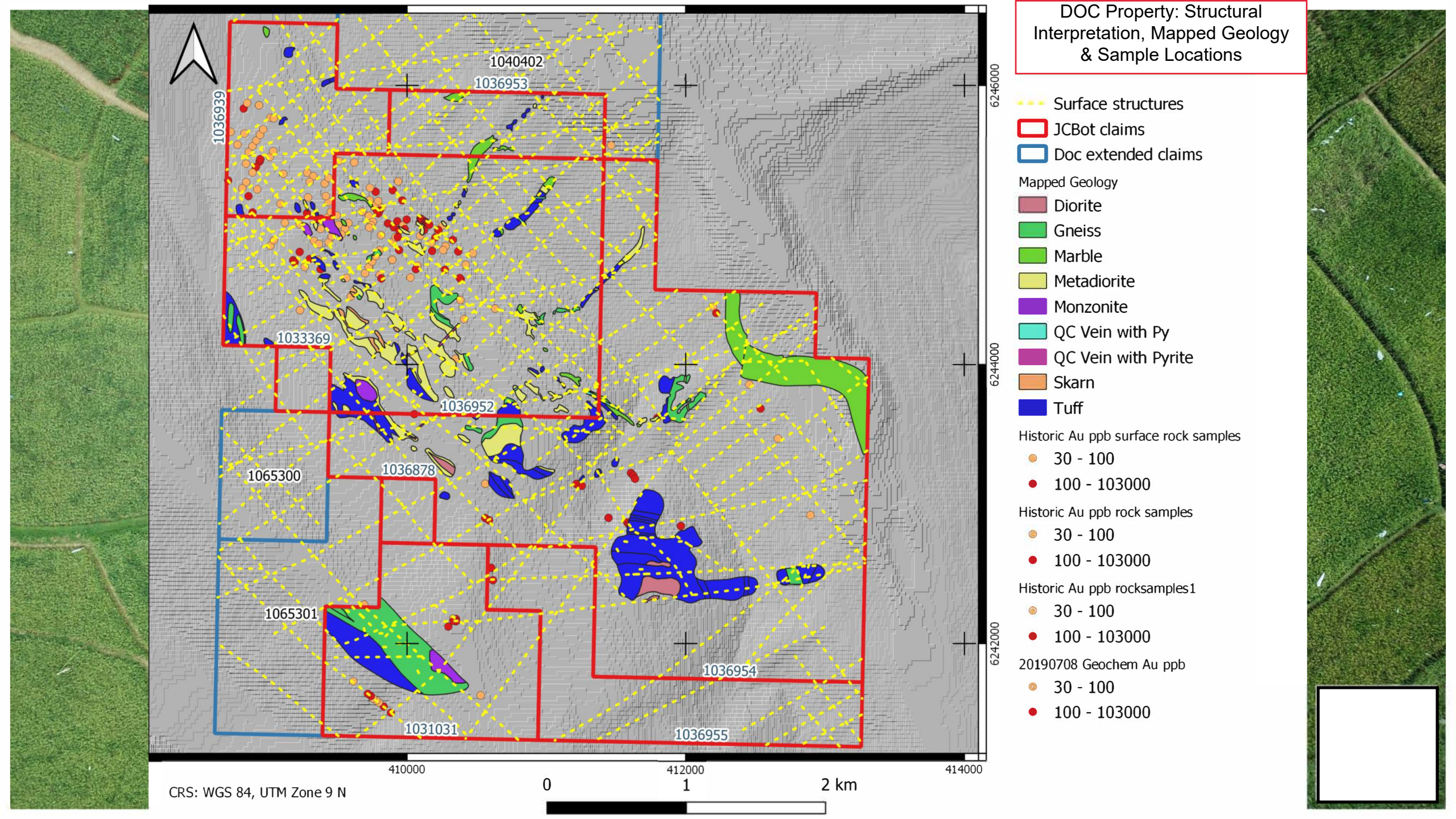
0 1 2 km

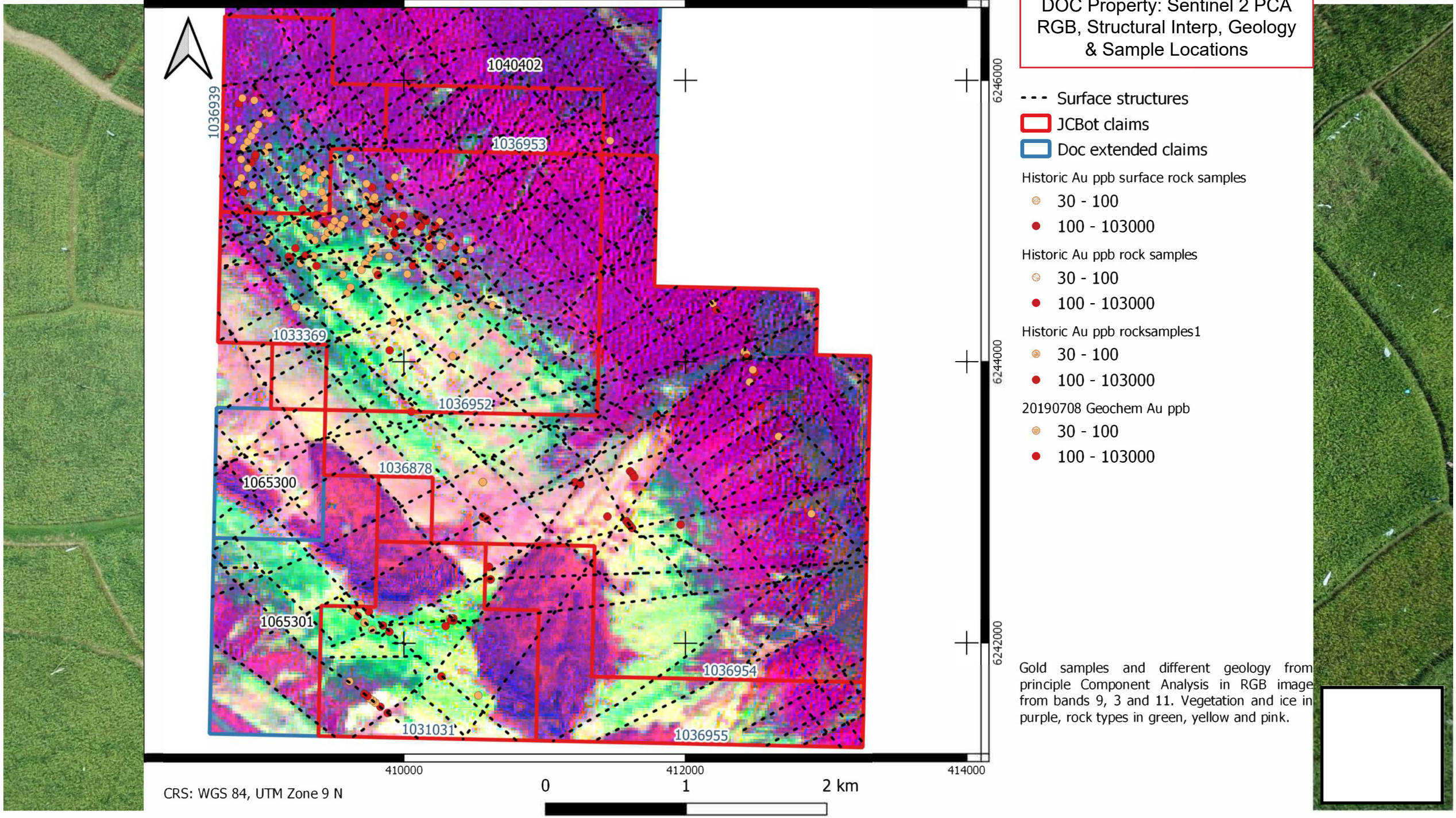
CRS: WGS 84, UTM Zone 9 N


DOC Property: Displacement over 3 Years with Structural Interp
clip_Surface structures
JCBot claims
Doc extended claims
Displacement_2016 to 2019 Aug (m)
-0.0991
-0.0743
-0.0495
-0.0248
-2.43e-05
Google Satellite Hybrid
1040402
1036939
1036953
1036952
1033369
1055300
1036954
1036878
1065304
1031031
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Displacement over 3 Years, Structural Interpretation & Sample Locations
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Displacement_2016 to 2019 Aug (m)
-0.0913
-0.0685
-0.0457
-0.0228
-4.47e-05
Gold samples and active fault displacement.
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Elevation with Structural Interp & Samples
clip_Surface structures
JCBot claims
Doc extended claims
clip_MINFILE point
Developed Prospect
Prospect
Showing
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Orthometric elevation (masl)
446.6
690.9
935.1
1179
1424
1668
Google Satellite Hybrid
1040402
1036939
1036953
1036952
1033369
1055300
1036878
1065301
1031031
1036954
1036955
DOC
GLOBE
BGS
QUINN ESKAY
FLORENCE
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Structural Interpretation, Mapped Geology & Sample Locations
Surface structures
JCBot claims
Doc extended claims
Mapped Geology
Diorite
Gneiss
Marble
Metadiorite
Monzonite
QC Vein with Py
QC Vein with Pyrite
Skarn
Tuff
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036953
1036939
1033369
1036952
1065300
1036878
1065301
1036954
1031031
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2 PCA RGB, Structural Interp, Geology & Sample Locations
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N
Gold samples and different geology from principle Component Analysis in RGB image from bands 9, 3 and 11. Vegetation and ice in purple, rock types in green, yellow and pink.

DOC Property: Structural Interpretation & Geomorphology

Surface structures

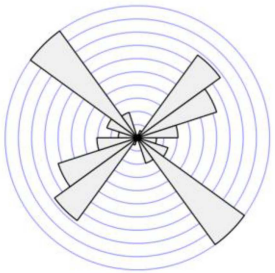
JCBot claims

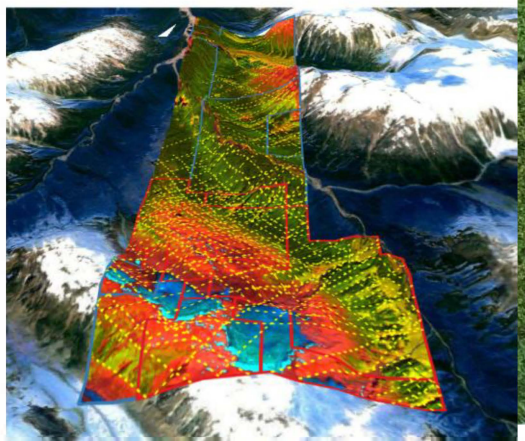
Doc extended claims

Google Satellite Hybrid

Sentinel 2 false colour infrared image with 10m resolution. Rock in red, Vegetation in green and Ice in blue colours

Faults derived from geology maps, satellite radar and multispectral imagery. 10% increment blue rings below.





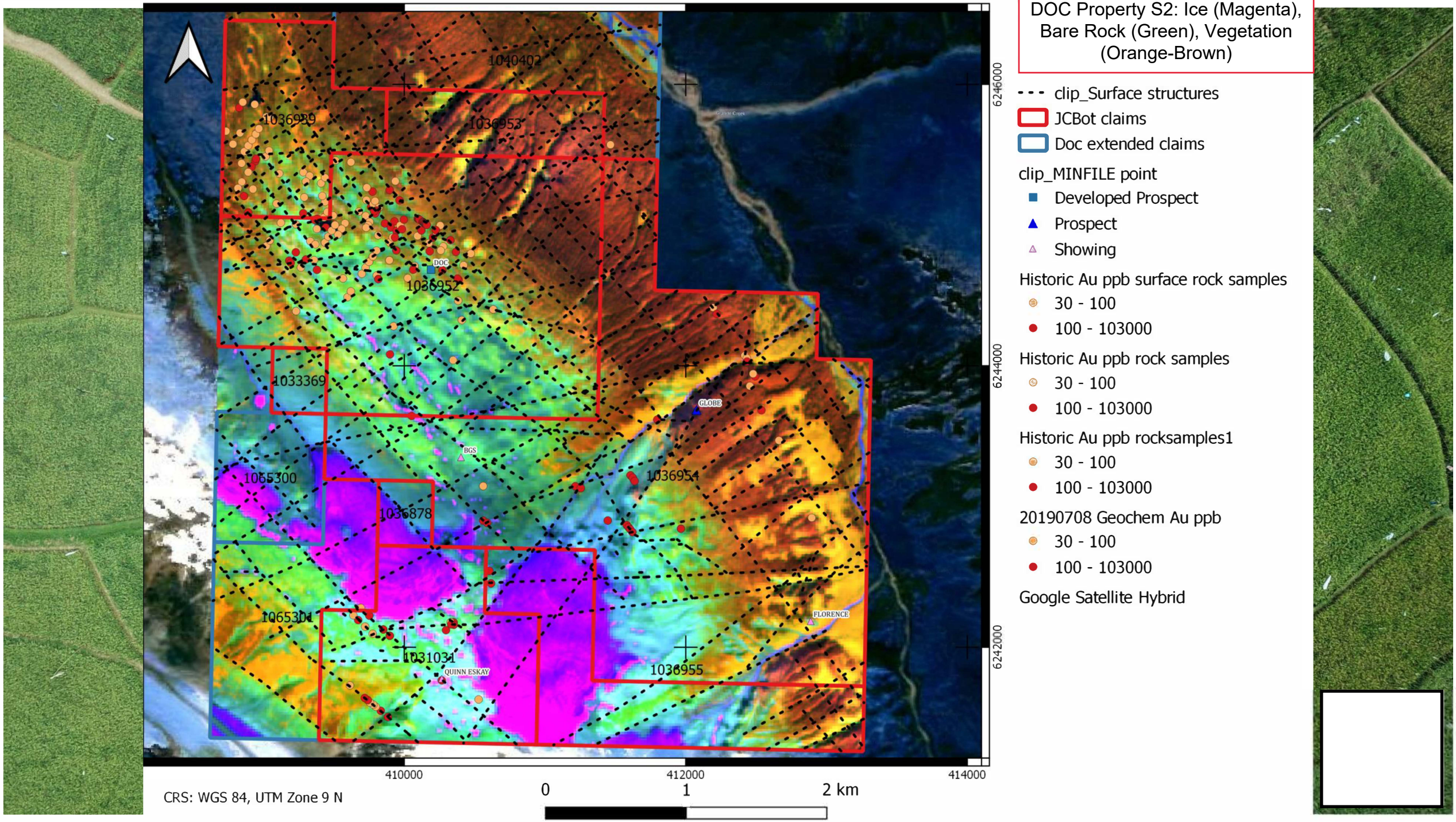
1040402
1036939
1036953
1036952
1033369
1065300
1036878
1036954
1065301
1031031
1036955

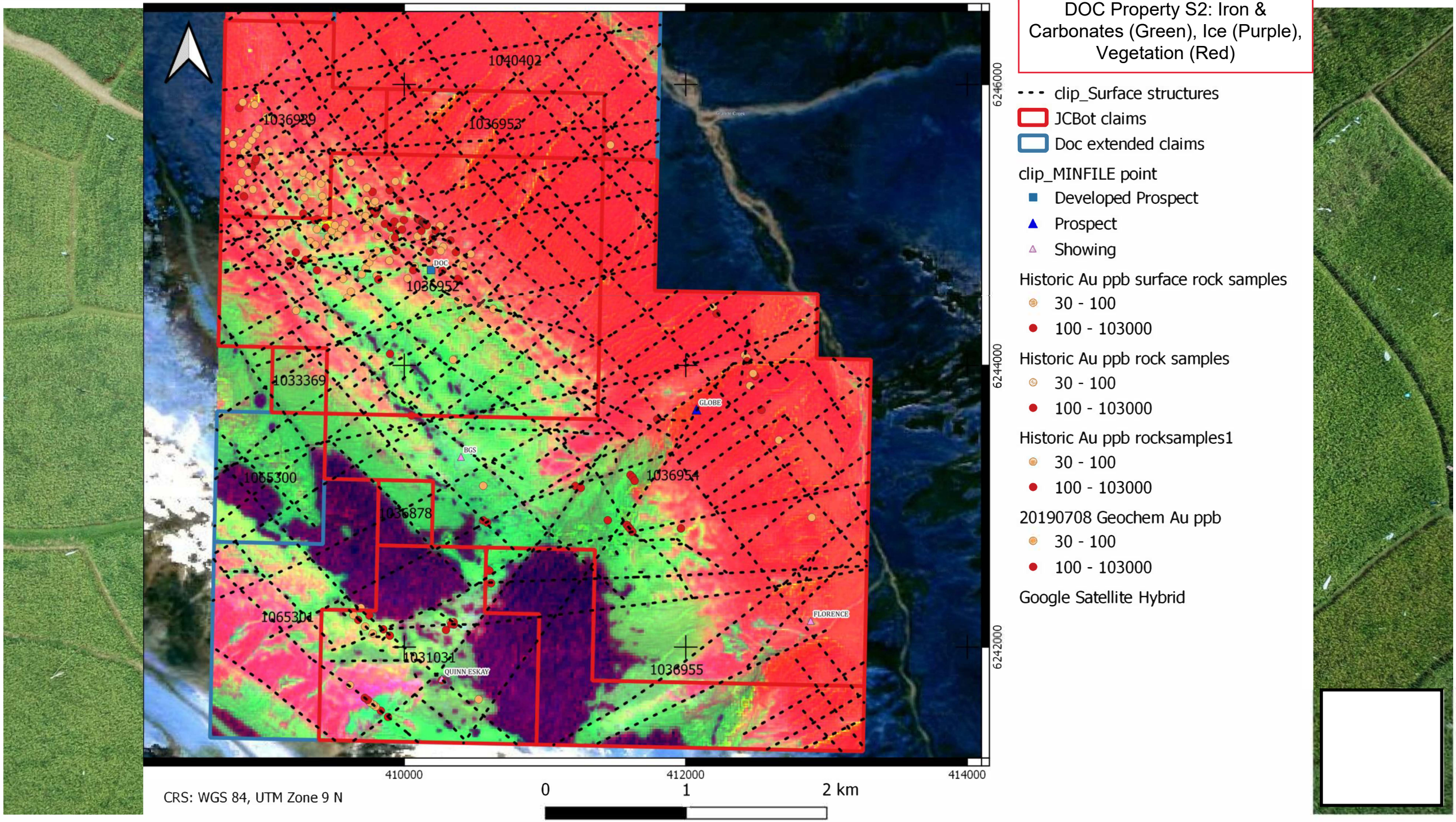
6246000
6244000
6242000

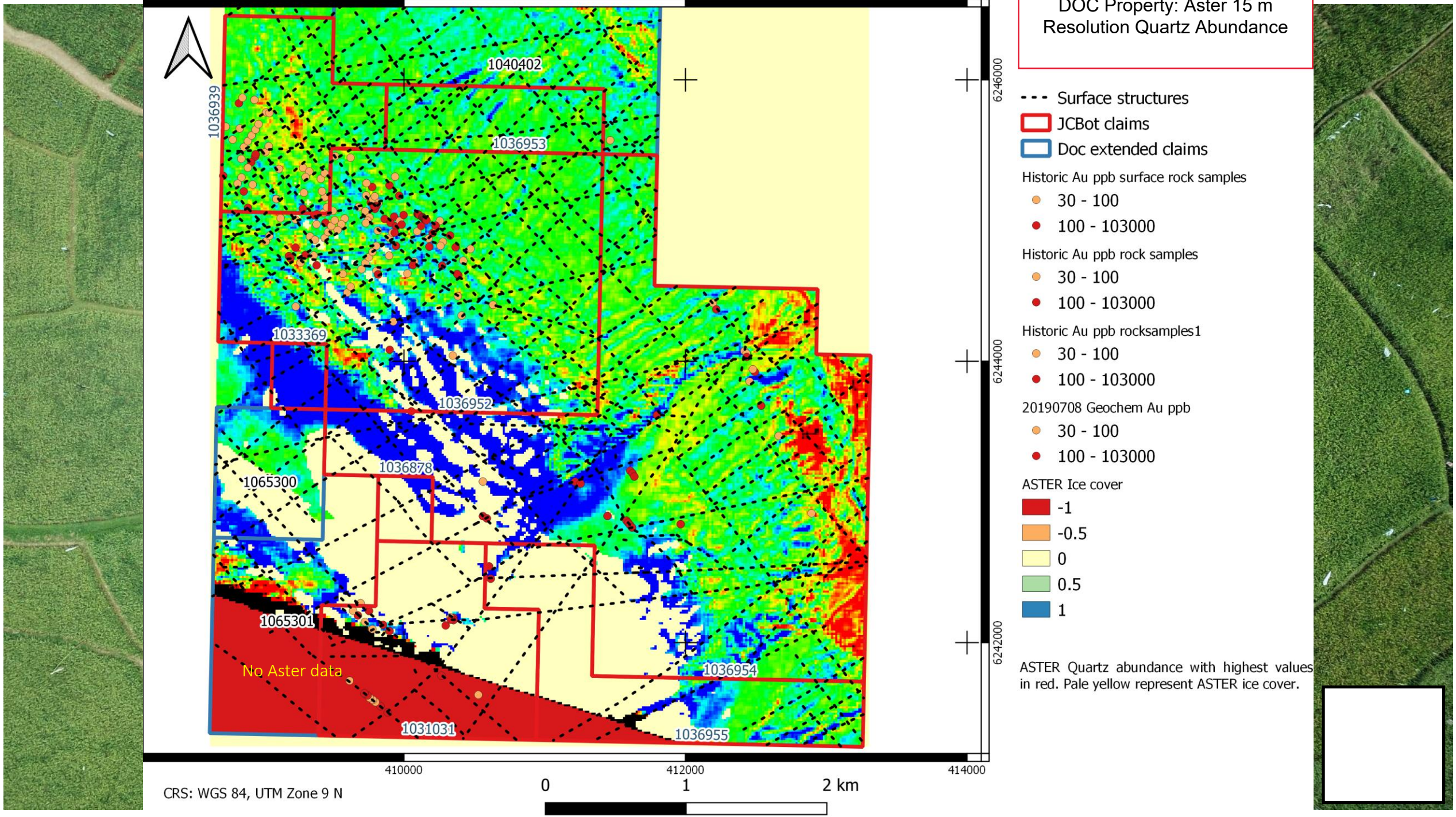
410000
412000
414000

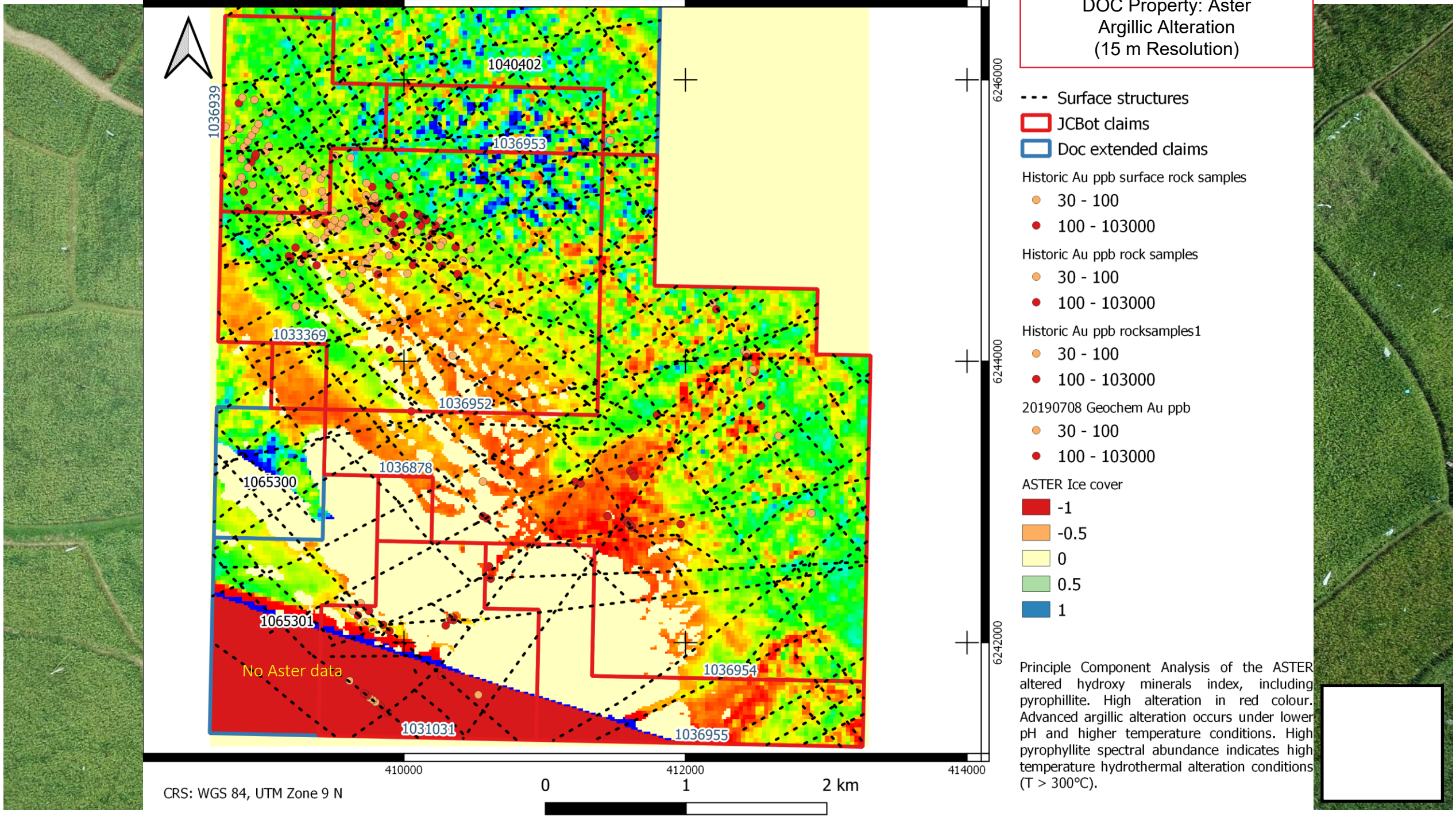
0
1
2 km

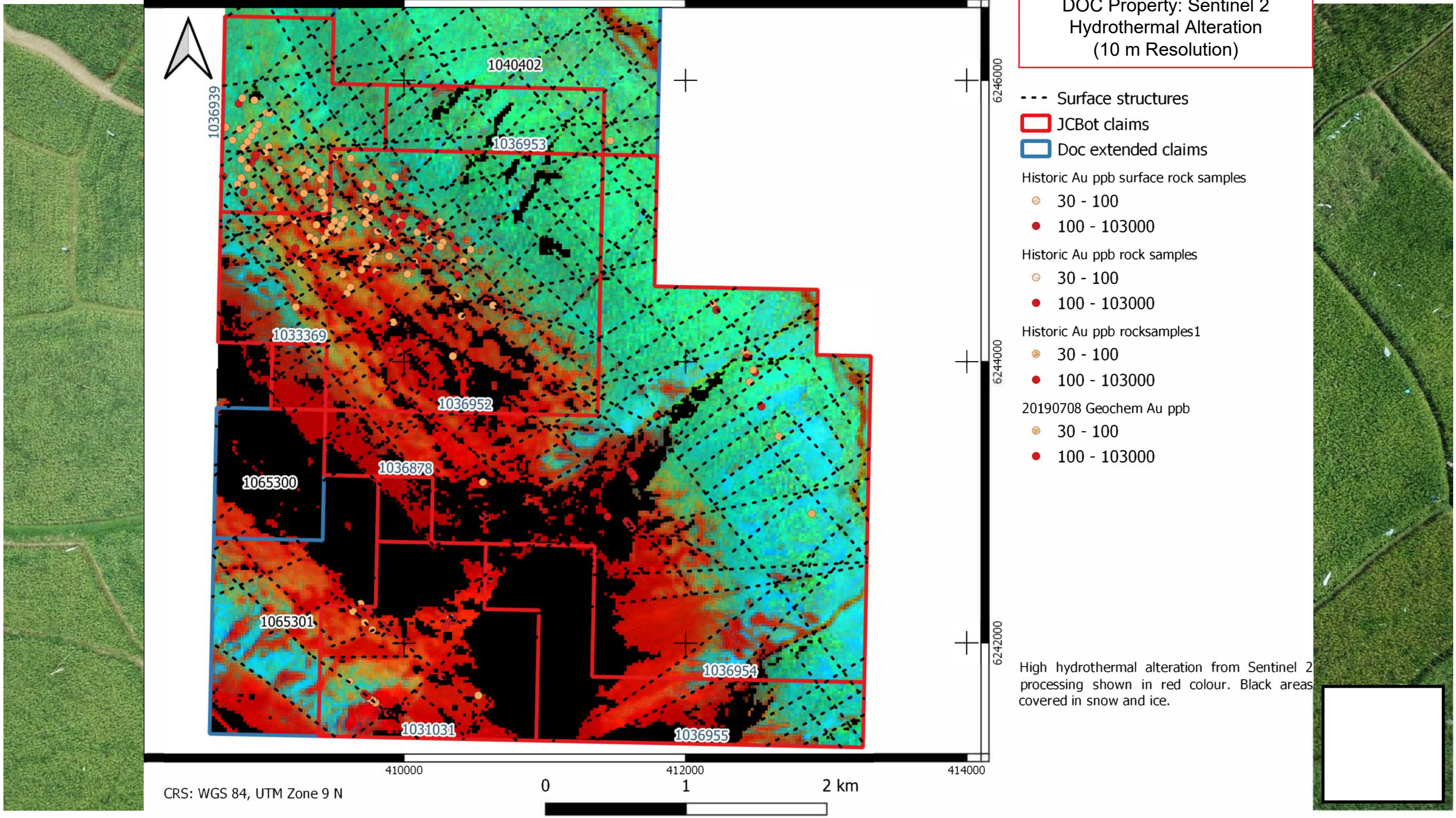
CRS: WGS 84, UTM Zone 9 N

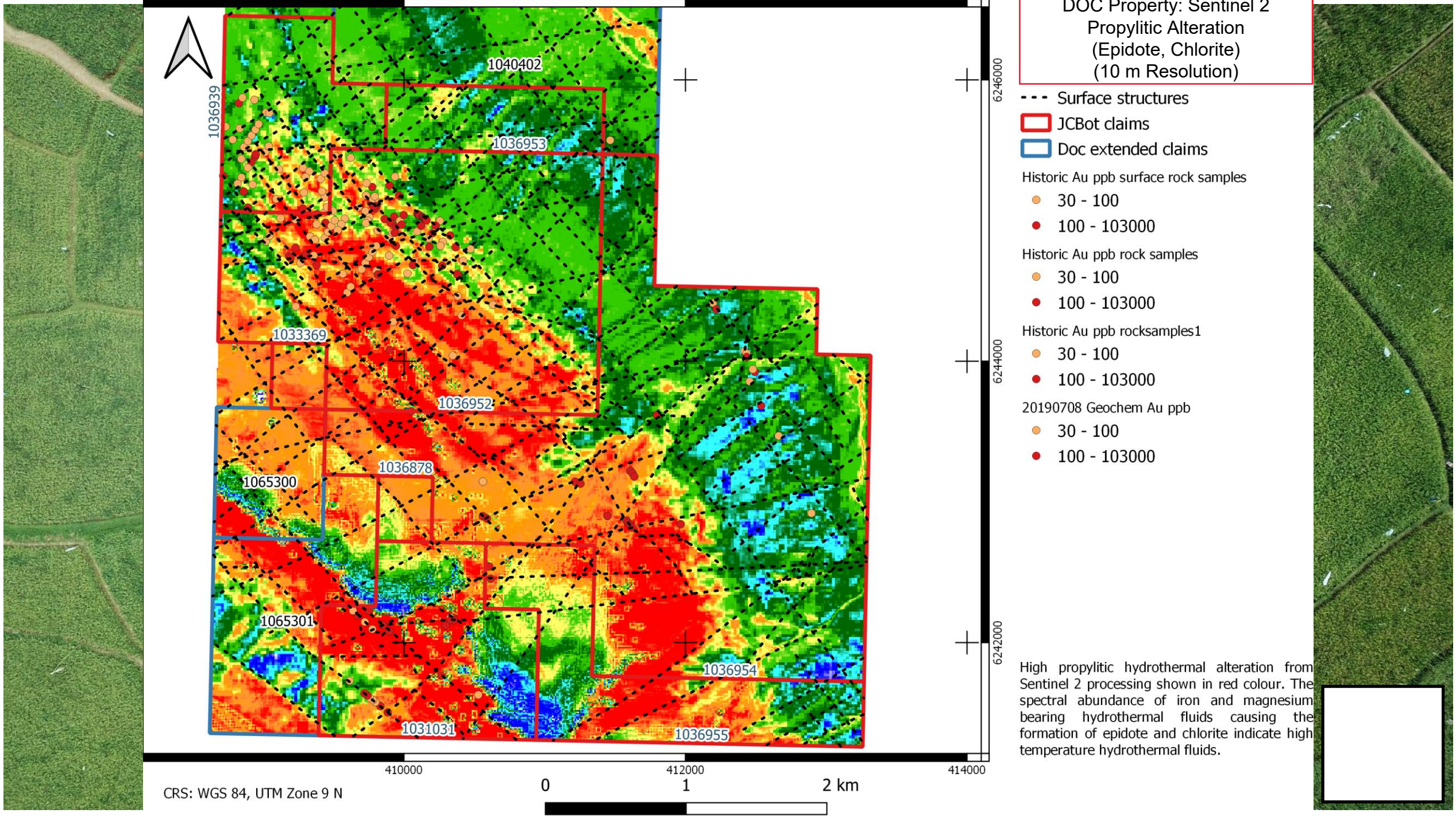

DOC Property S2: Ice (Magenta), Bare Rock (Green), Vegetation (Orange-Brown)
clip_Surface structures
JCBot claims
Doc extended claims
clip_MINFILE point
Developed Prospect
Prospect
Showing
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Google Satellite Hybrid
1040402
1036939
1036953
1036952
1033369
1055300
1036878
1065304
1031031
1036954
1036955
DOC
BGS
GLOBE
QUINN ESKAY
FLORENCE
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N

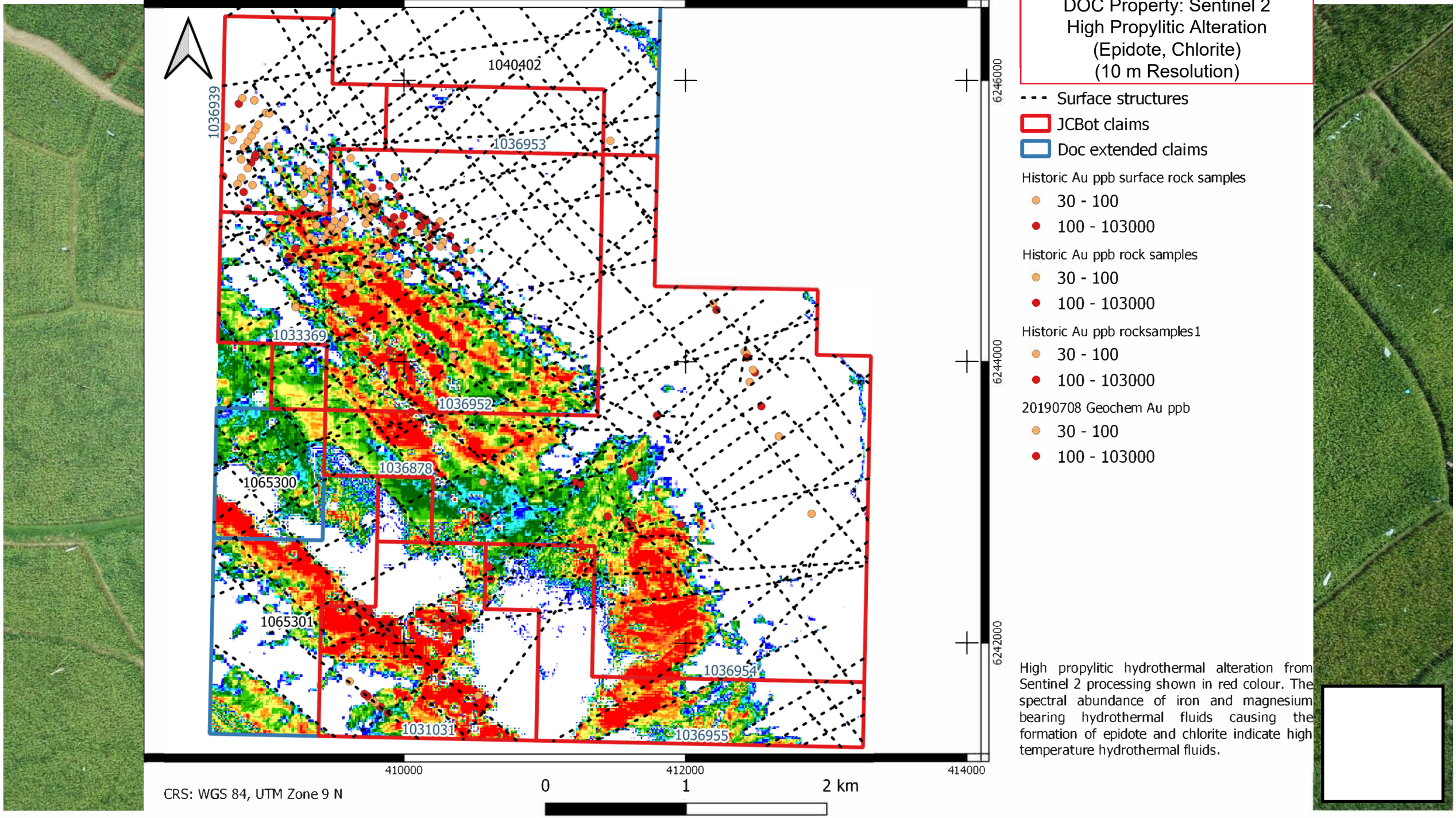

DOC Property S2: Iron & Carbonates (Green), Ice (Purple), Vegetation (Red)
clip_Surface structures
JCBot claims
Doc extended claims
clip_MINFILE point
Developed Prospect
Prospect
Showing
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Google Satellite Hybrid
1040402
1036939
1036953
1036952
1033369
1055300
1036878
1036954
1065304
1031031
1036955
DOC
GLOBE
BGS
FLORENCE
QUINN ESKAY
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N

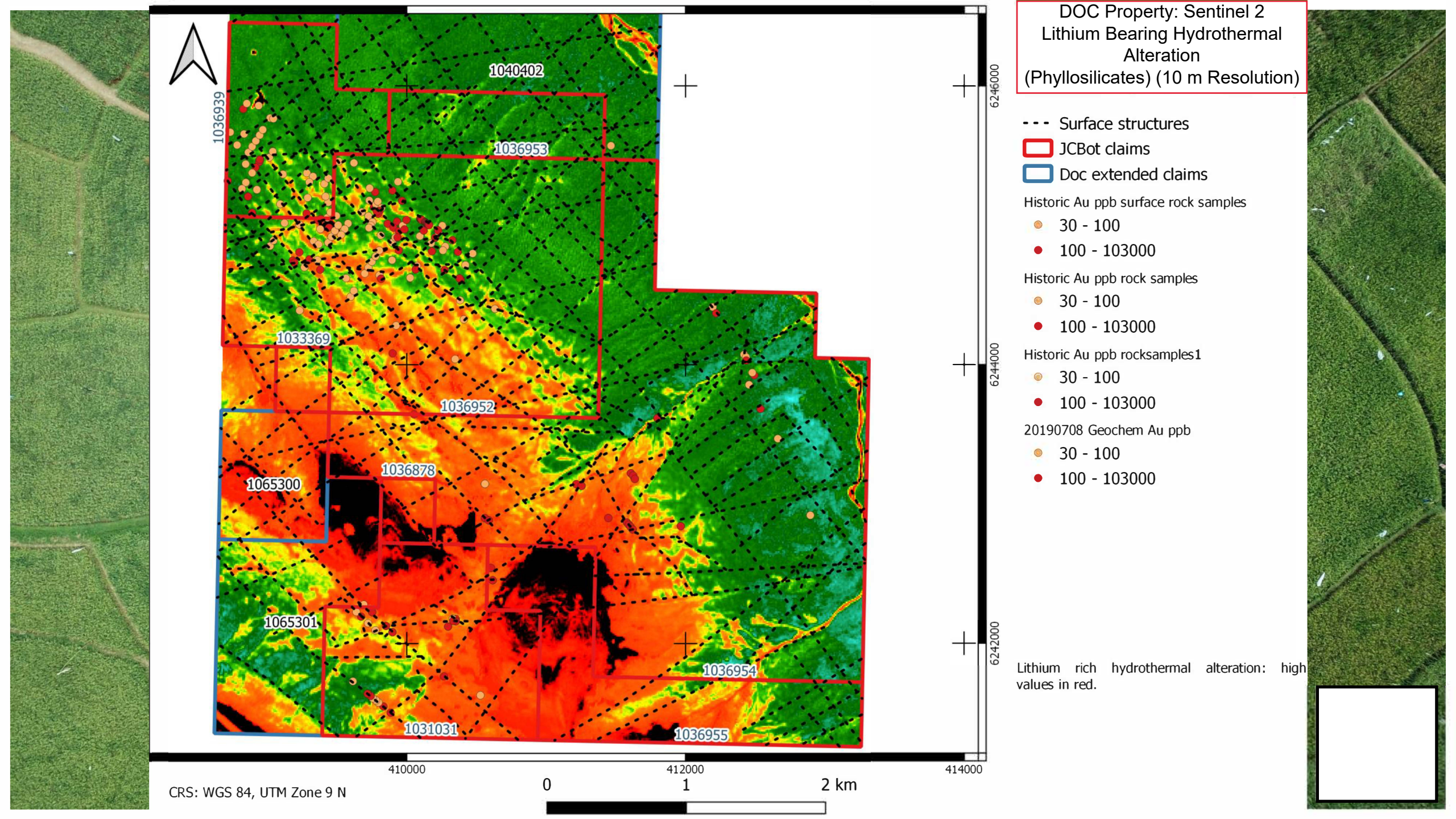

DOC Property: Aster 15 m Resolution Quartz Abundance
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
ASTER Ice cover
-1
-0.5
0
0.5
1
ASTER Quartz abundance with highest values in red. Pale yellow represent ASTER ice cover.
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
No Aster data
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N

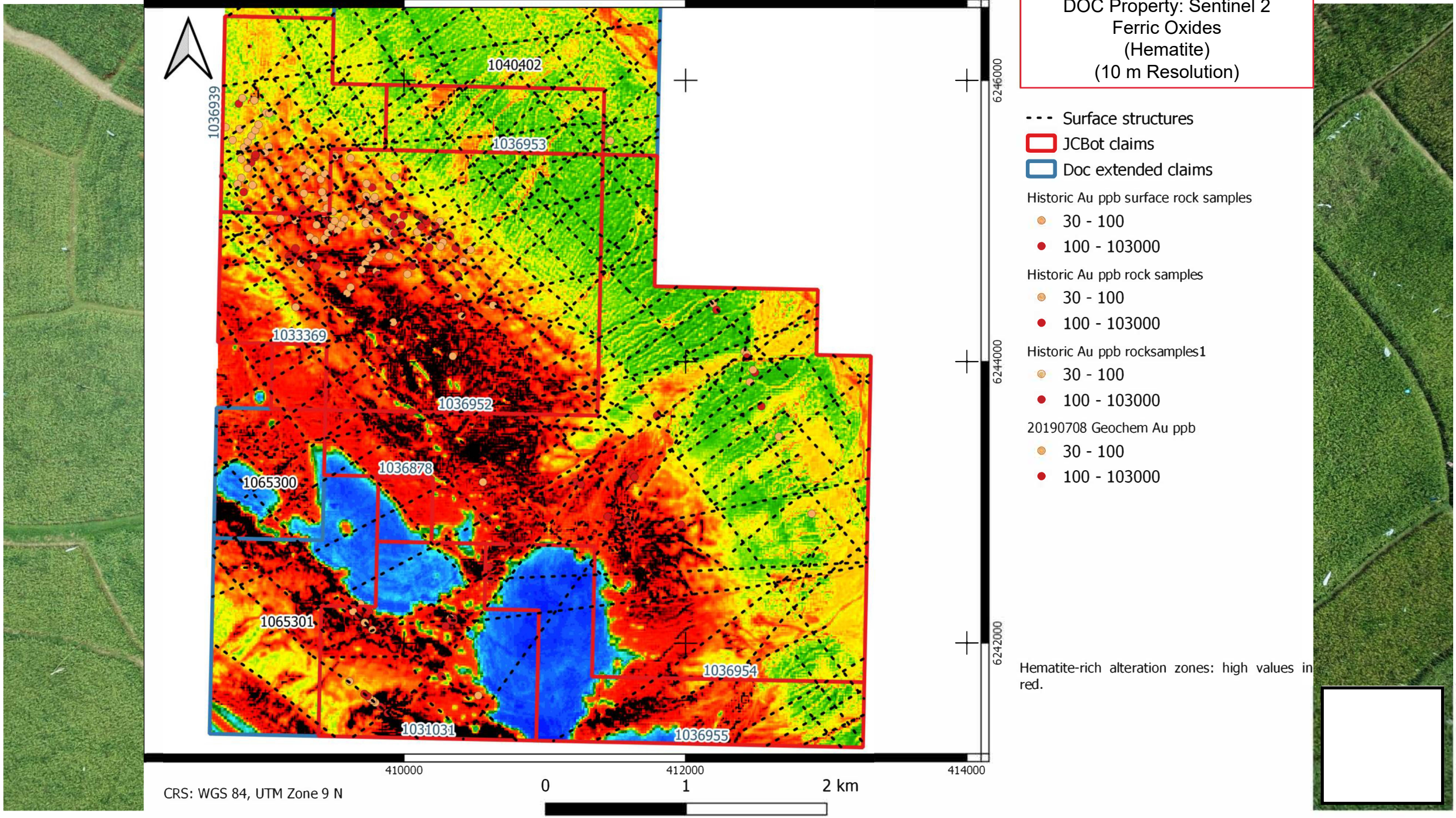

DOC Property: Aster Argillic Alteration (15 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
ASTER Ice cover
-1
-0.5
0
0.5
1
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
No Aster data
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N
Principle Component Analysis of the ASTER altered hydroxy minerals index, including pyrophillite. High alteration in red colour. Advanced argillic alteration occurs under lower pH and higher temperature conditions. High pyrophyllite spectral abundance indicates high temperature hydrothermal alteration conditions (T > 300°C).


DOC Property: Sentinel 2 Hydrothermal Alteration (10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1036954
1031031
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N
High hydrothermal alteration from Sentinel 2 processing shown in red colour. Black areas covered in snow and ice.


DOC Property: Sentinel 2
Propylitic Alteration
(Epidote, Chlorite)
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N
High propylitic hydrothermal alteration from Sentinel 2 processing shown in red colour. The spectral abundance of iron and magnesium bearing hydrothermal fluids causing the formation of epidote and chlorite indicate high temperature hydrothermal fluids.


DOC Property: Sentinel 2
High Propylitic Alteration
(Epidote, Chlorite)
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1031031
1036954
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N
High propylitic hydrothermal alteration from Sentinel 2 processing shown in red colour. The spectral abundance of iron and magnesium bearing hydrothermal fluids causing the formation of epidote and chlorite indicate high temperature hydrothermal fluids.


DOC Property: Sentinel 2
Lithium Bearing Hydrothermal Alteration
(Phyllosilicates) (10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Lithium rich hydrothermal alteration: high values in red.
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1036954
1031031
1036955
6246000
6244000
6242000
410000
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2
Ferric Oxides
(Hematite)
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Hematite-rich alteration zones: high values in red.
1040402
1036939
1036953
1033369
1036952
1036878
1065300
1065301
1036954
1031031
1036955
6246000
6244000
6242000
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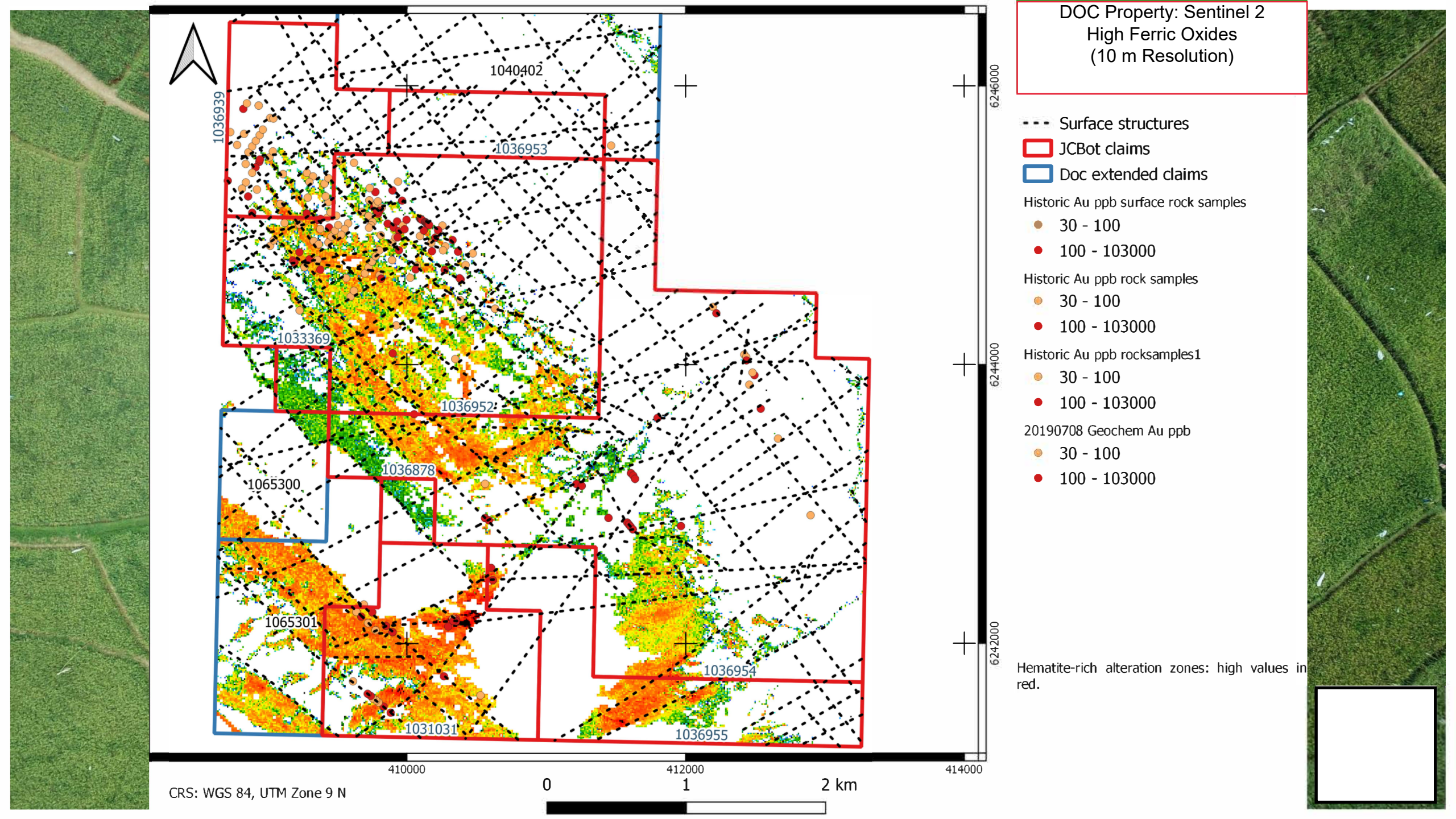
412000
414000
0
1
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2
High Ferric Oxides
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Hematite-rich alteration zones: high values in red.
1040402
1036939
1036953
1033369
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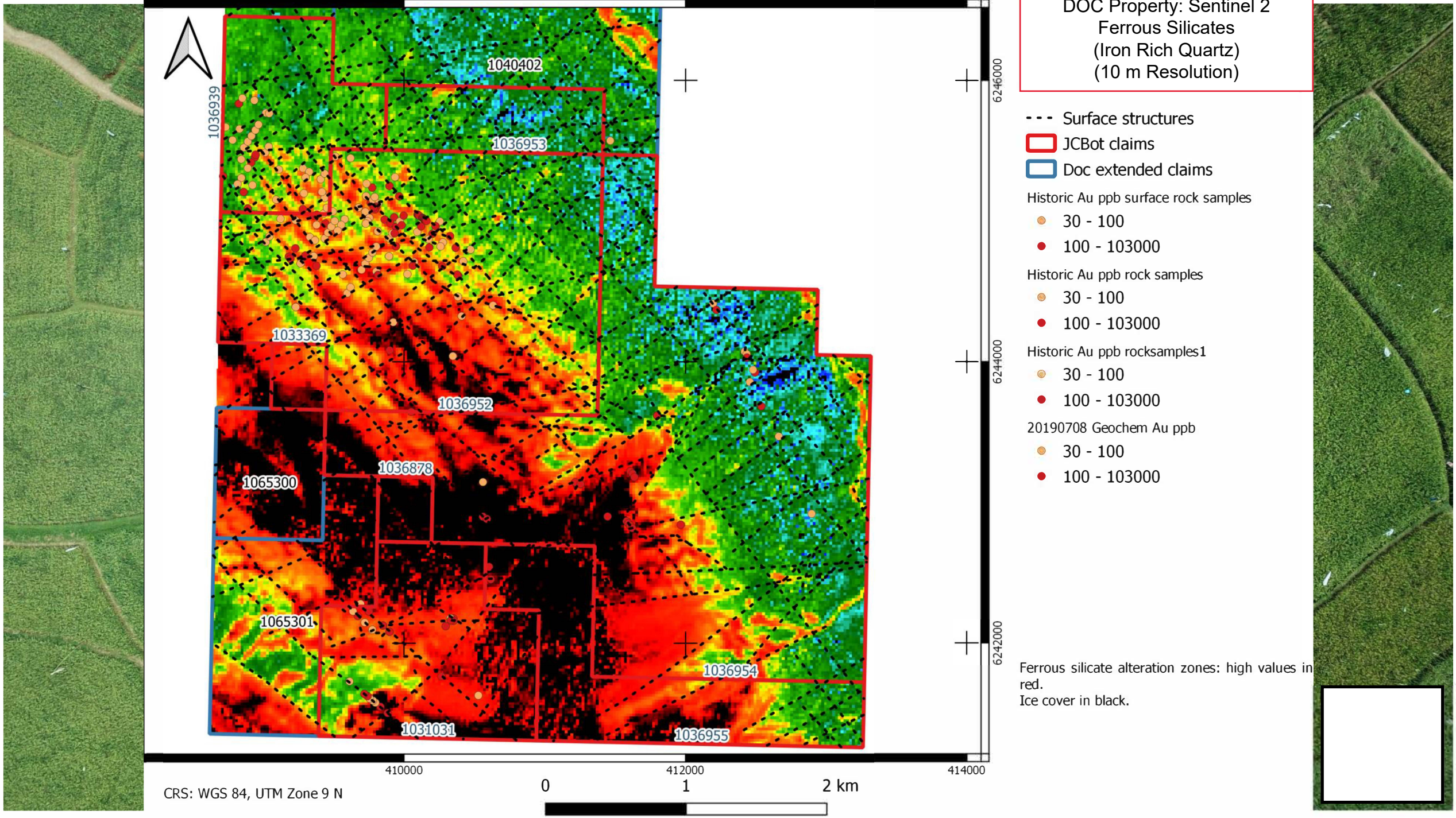
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2
Ferrous Silicates
(Iron Rich Quartz)
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
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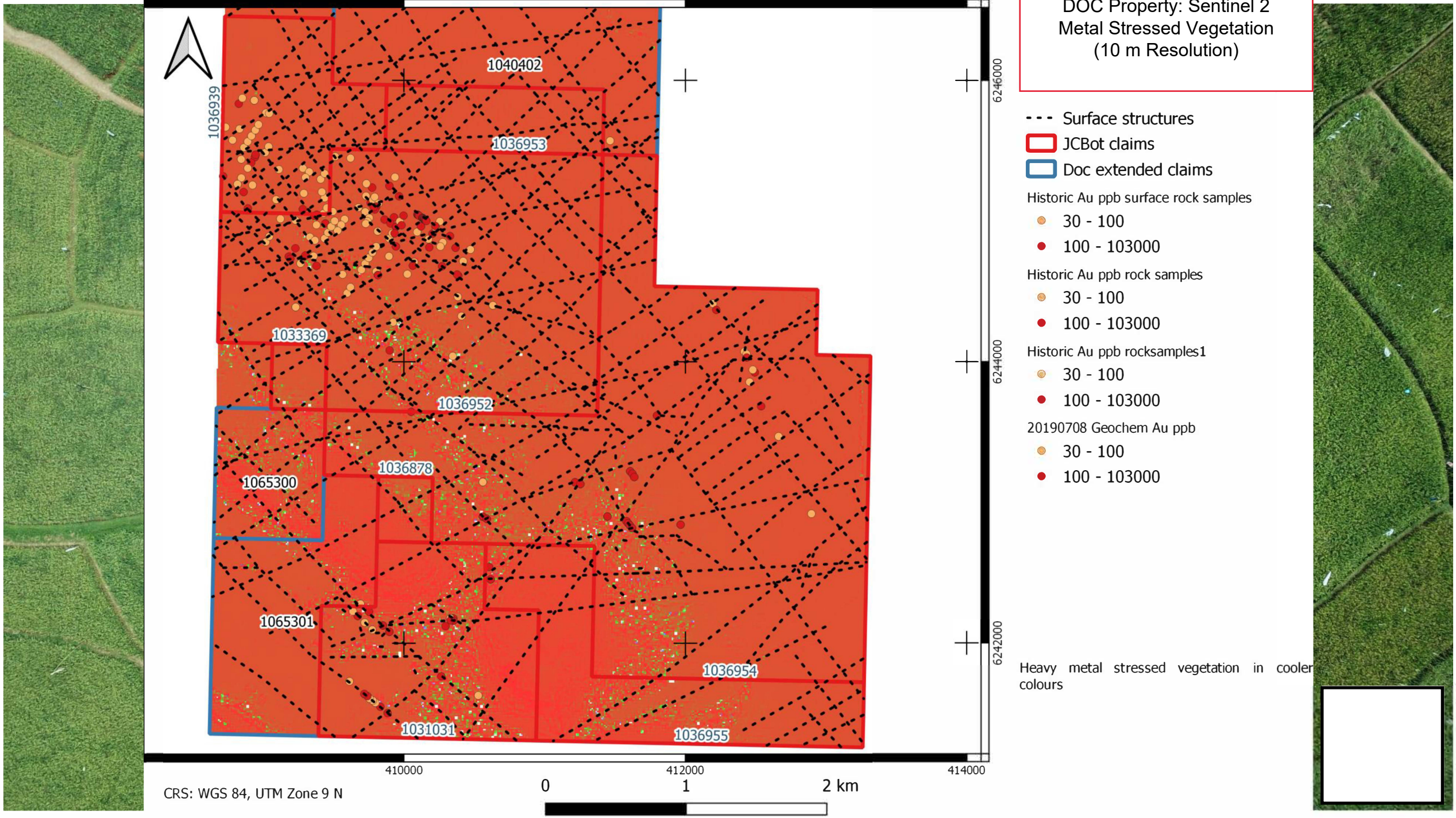
2 km
CRS: WGS 84, UTM Zone 9 N
Ferrous silicate alteration zones: high values in red.
Ice cover in black.


DOC Property: Sentinel 2
Metal Stressed Vegetation
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Heavy metal stressed vegetation in cooler colours
1040402
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1033369
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1036954
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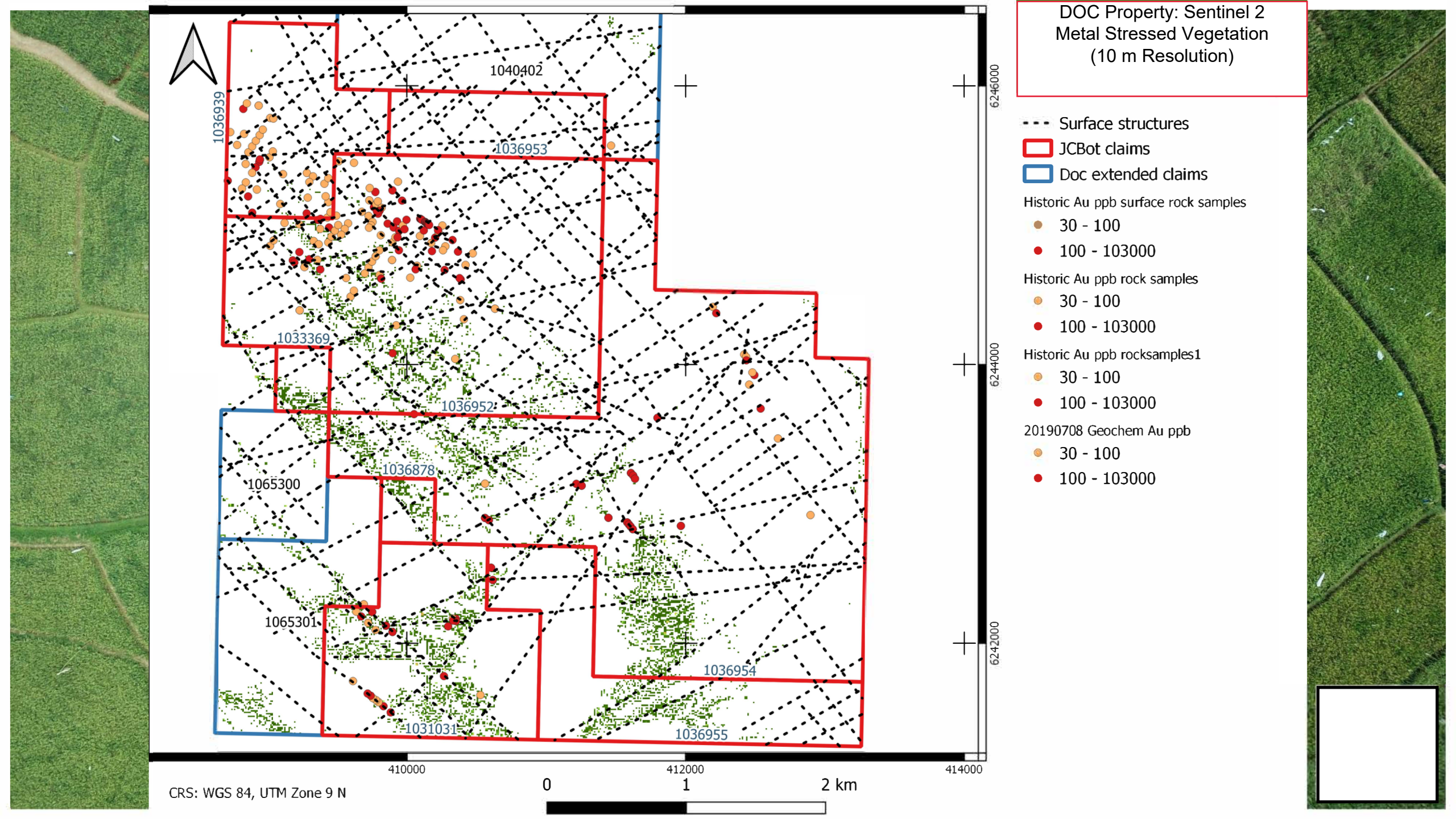
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2
Metal Stressed Vegetation
(10 m Resolution)
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
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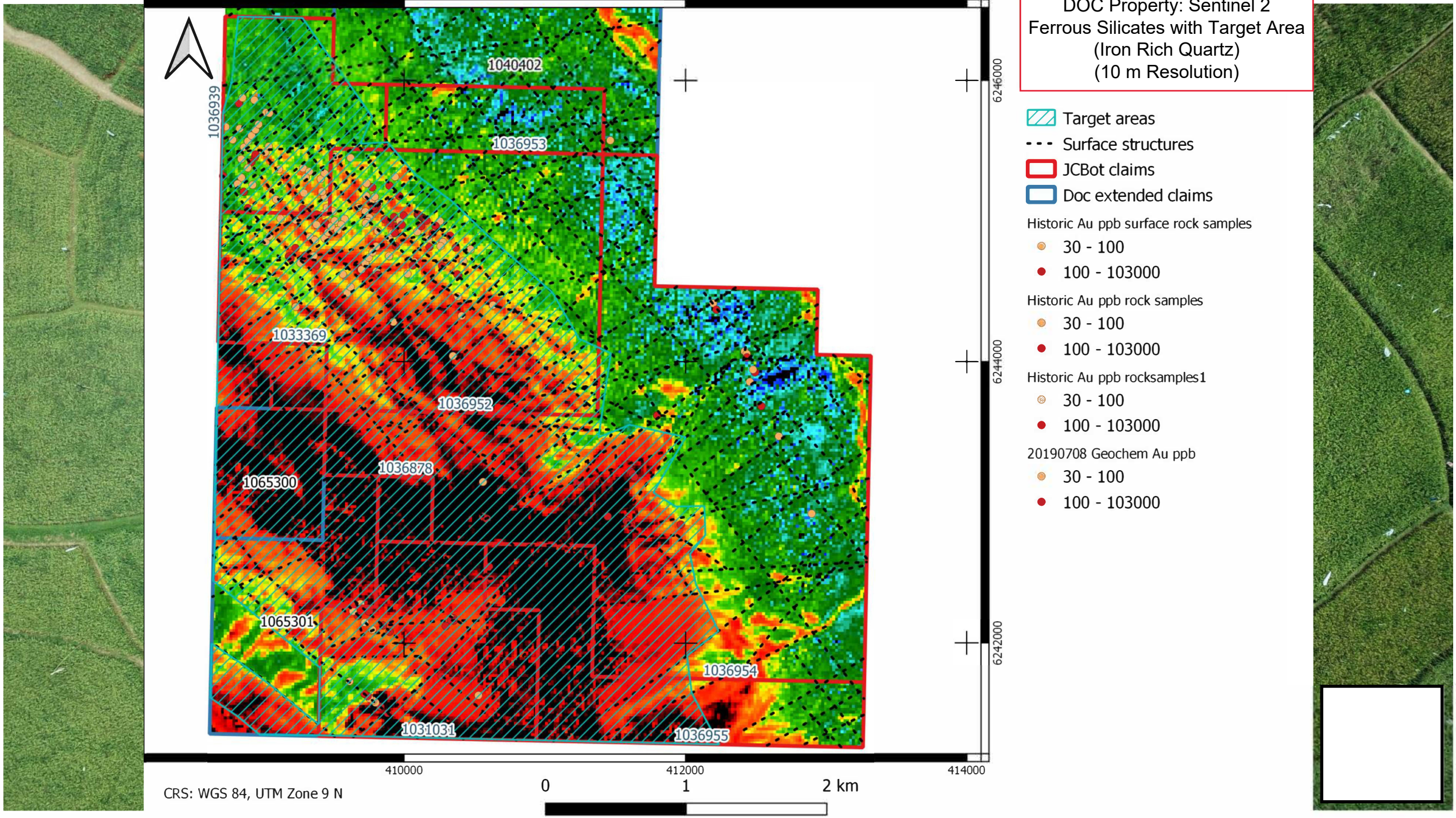
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Sentinel 2
Ferrous Silicates with Target Area
(Iron Rich Quartz)
(10 m Resolution)
Target areas
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
1040402
1036953
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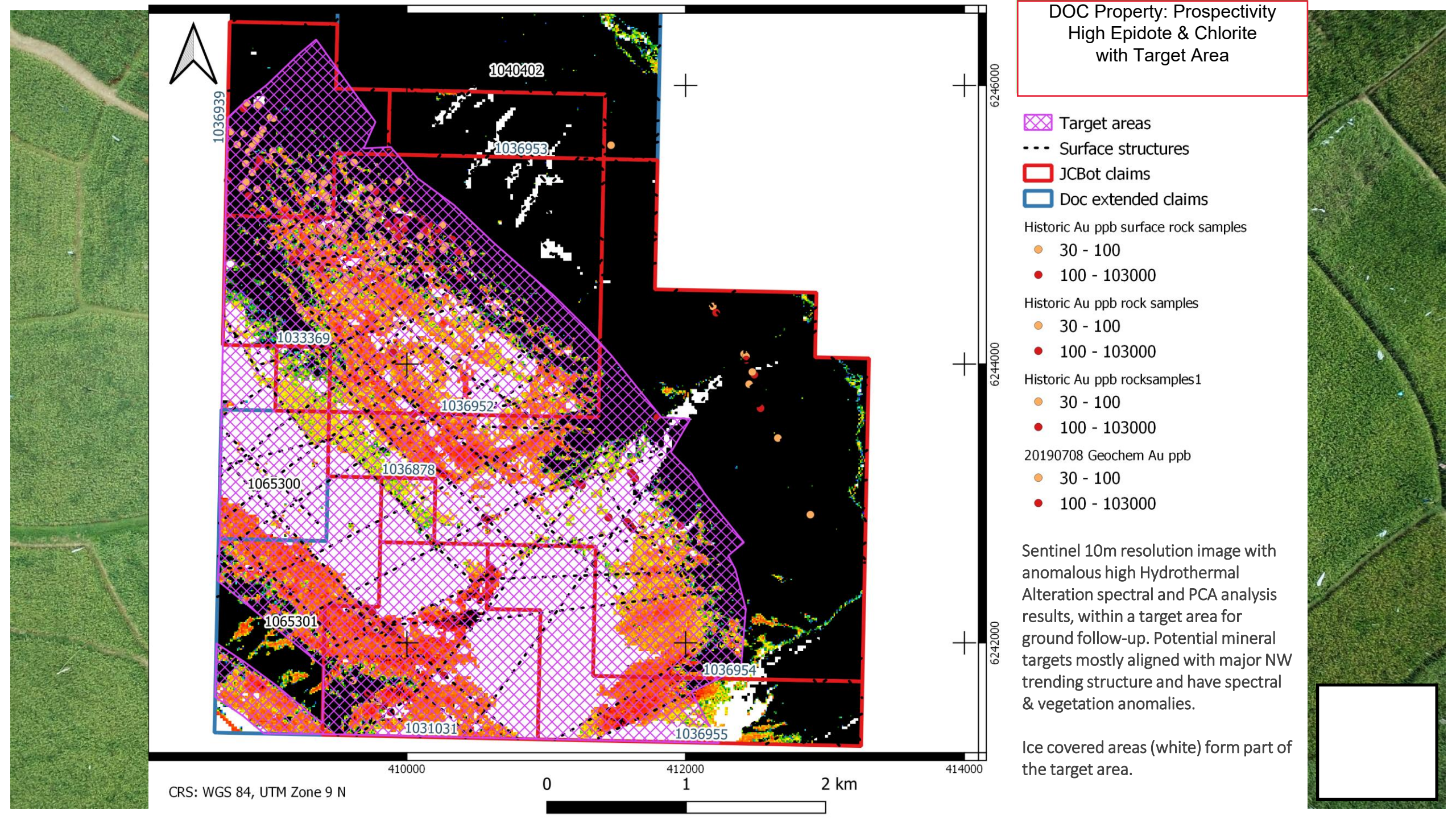
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Prospectivity
High Epidote & Chlorite
with Target Area
Target areas
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Sentinel 10m resolution image with anomalous high Hydrothermal Alteration spectral and PCA analysis results, within a target area for ground follow-up. Potential mineral targets mostly aligned with major NW trending structure and have spectral & vegetation anomalies.
Ice covered areas (white) form part of the target area.
1040402
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0
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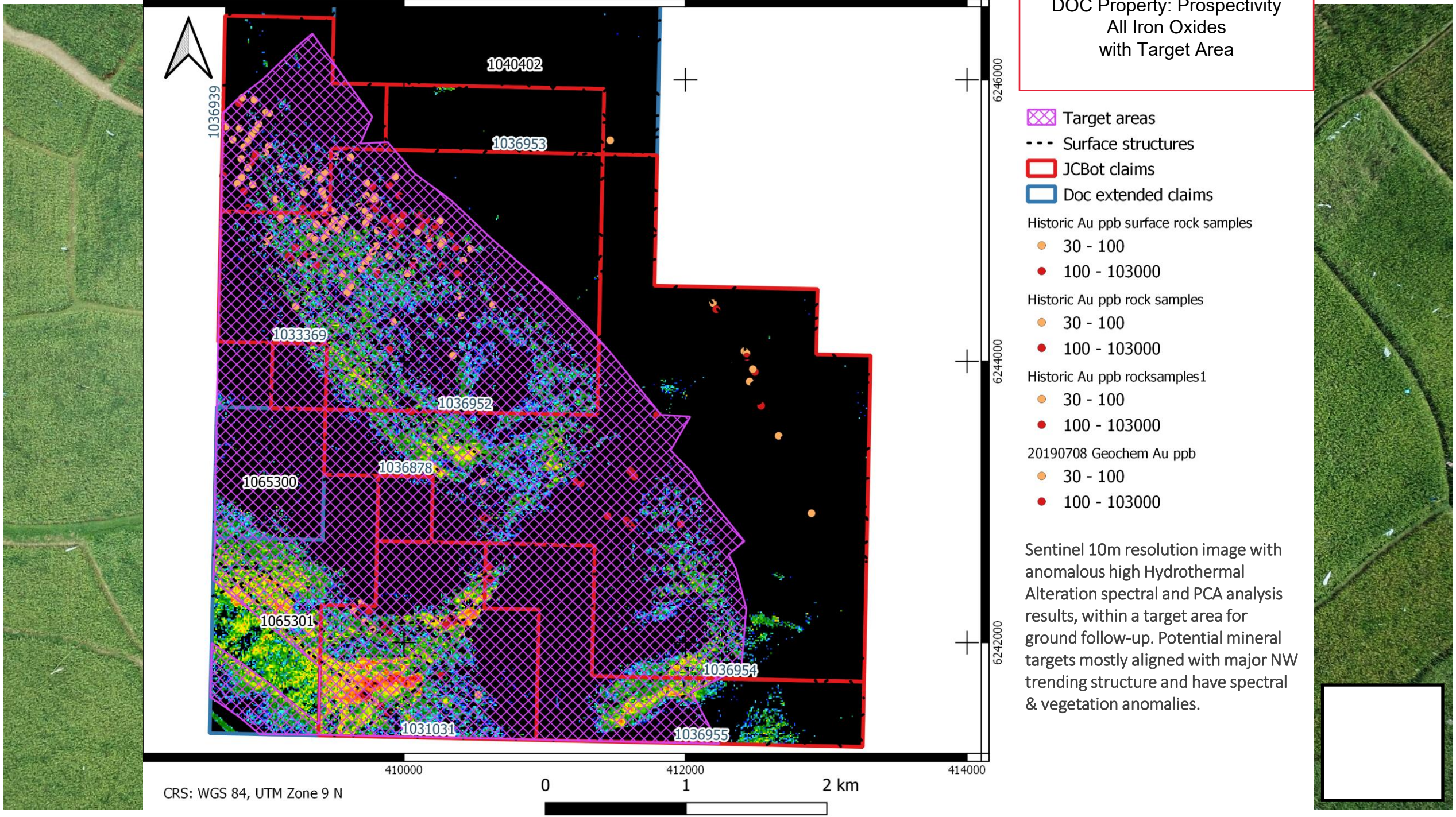
2 km
CRS: WGS 84, UTM Zone 9 N


DOC Property: Prospectivity
All Iron Oxides
with Target Area
Target areas
Surface structures
JCBot claims
Doc extended claims
Historic Au ppb surface rock samples
30 - 100
100 - 103000
Historic Au ppb rock samples
30 - 100
100 - 103000
Historic Au ppb rocksamples1
30 - 100
100 - 103000
20190708 Geochem Au ppb
30 - 100
100 - 103000
Sentinel 10m resolution image with anomalous high Hydrothermal Alteration spectral and PCA analysis results, within a target area for ground follow-up. Potential mineral targets mostly aligned with major NW trending structure and have spectral & vegetation anomalies.
1040402
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1031031
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6242000
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2 km
CRS: WGS 84, UTM Zone 9 N

Thank You

Axiom Exploration Group Ltd.

+1 306 241 6348

info@axiomex.com

https://www.axiomex.com

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-01

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-12-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**		**Easting:**	410,116
Actual depth:	195.5	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,601
Target:						**Elevation:**	1,316

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	20	20	-50	
17	Reflex Hanstone	0.1	18.1	-51.8	
68	Reflex Hanstone	0.3	18.3	-51.4	
119	Reflex Hanstone	0.7	18.7	-50.7	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0	**5**	**CAS - Casing**										

Casing

Structure	*Type/Intensity*	*Comments*
3.0 - 35.0	Bc S	Blocky / broken core due to faulting

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
5	**17.65**	**SS - Siliceous Metasediment**	A0867717	15.0	16.0	1	2.5	0.3	26.5	5.7	30	0.6

Siliceous metasediment. Light grey, fine to medium grained, bedded, silicified, sandstone with mudstone laminae (?). Bedding / foliation is irregular but generally low angle (0- 30) TCA. Lower contact appears to be sharp at 25 dTCA.

Blocky core over almost the entire unit. Rusty fault gouge from 15.48 to 15.58 m.

Rusty fractures and locally pervasive hematite / oxide staining occur throughout. Strong to moderate silicification occurs throughout. Local trace to weak bedding controlled chlorite.

No sulphides observed in this interval.

Alteration	*Type/Style/Intensity*	*Comments*
5.0 - 18.65	Si Pv M	
5.0 - 21.0	Rs FV M	
5.0 - 53.4	Chl P W	
15.0 - 40.0	Hem P W	Patchy weak to moderate infiltrating oxide staining

Mineralization	*Type/Style/%Mineral*	*Comments*

Project: Doc Project **Hole Number:** DC-20-01

From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
5.0 - 21.0		Ox FR 10%	Moderate structurally controlled oxide staining / mineralization.										

Structure	*Type/Intensity*	*Comments*
3.0 - 35.0	Bc S	Blocky / broken core due to faulting
15.48 - 15.58	G M	Rusty brown fault gouge

17.65 53.4 MV - Mafic Volcanic

Mafic volcanic. Medium to dark grey, fine grained, massive to weakly foliated, mafic volcanic (basalt?). Lower contact is faulted / broken.

Approximately 70% of the interval is broken or blocky core. Fault gouge from 23.75 to 24 m.

Weak pervasive chlorite with local patchy moderate chlorite alteration. Pervasive weak and patchy moderate silicification. Pervasive trace to weak rust staining on fractures, very locally moderate to strong.

Strong oxidized sulphides associated with gouge from 23.5 to 24.2 m, trace oxidized euhedral py. Trace disseminated fine grained py observed from 40 to 41 m.

Minor Lithology	*Type/Description*	*Comments*
43.0 - 46.2	Unk Unknown Lithology	Bleached, texturally distinct, possible hyaloclastite
47.0 - 47.4	ApDK Aplite Dyke	Coarse grained tonalite dyke. Blocky core so upper and lower contacts are broken.

Alteration	*Type/Style/Intensity*	*Comments*
5.0 - 18.65	Si Pv M	
5.0 - 21.0	Rs FV M	
5.0 - 53.4	Chl P W	
15.0 - 40.0	Hem P W	Patchy weak to moderate infiltrating oxide staining
18.65 - 53.4	Si P M	
21.0 - 195.5	Rs FV W	Very locally moderate

Mineralization	*Type/Style/%Mineral*	*Comments*
5.0 - 21.0	Ox FR 10%	Moderate structurally controlled oxide staining / mineralization.
23.5 - 24.5	Ox FR 30%	Fault controlled oxidized mineralization.
23.5 - 24.5	Py Tr 0.1%	
40.0 - 41.0	Py D 0.1%	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867718	23.5	24.5	1	11.1	0.9	101.5	6.4	38	14.6
A0867719	40.0	41.0	1	3.1	0.05	13.6	0.5	51	0.25
A0867720	47.0	47.5	0.5	4.5	0.7	36.2	13.6	15	2.4

Project: Doc Project **Hole Number:** DC-20-01

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Structure	*Type/Intensity*	*Comments*
3.0 - 35.0	Bc S	Blocky / broken core due to faulting
23.75 - 24.0	G S	Brown, fragment rich, fault gouge / bx
35.0 - 46.0	Bc W	Somewhat competent, local blocky core over 30 - 60 cm
46.0 - 58.0	Flt S	Fault zone. Blocky core over most of the interval with clay common on fracture surfaces. Poor recovery, up to 50% core loss from 47 to 56 m.

53.4	**75**	**SS - Siliceous Metasediment**	A0867721	71.0	72.0	1	2.5	0.2	36.6	6.1	47	1.2
			A0867722	72.0	73.0	1	1.6	0.05	21.8	1.7	40	1
			A0867723	73.0	74.0	1	1.6	0.1	24.6	3.5	49	1.6
			A0867724	74.0	75.0	1	1.1	0.1	29.8	2.1	64	1.4

Siliceous metasediment. Light grey, fine to medium grained, bedded, silicified, sandstone with mudstone laminae. Bedding generally 0 - 20 dTCA. Lower contact gradational as silicification intensity decreases and proportion of mafic minerals increases.

Broken / blocky core over 75% of the unit. Silicification healed (stockwork?) fracturing occurs throughout. Local healed crackle / fault bx.

Intense silicification of almost the entire unit. Patchy to pervasive hm / oxidation staining. Trace to weak bedding controlled chlorite throuhgout.

No observed sulphides.

Alteration	*Type/Style/Intensity*	*Comments*
21.0 - 195.5	Rs FV W	Very locally moderate
53.4 - 75.0	Si Pv S	

Mineralization	*Type/Style/%Mineral*	*Comments*
71.0 - 75.0	Ox Stn 5%	

Structure	*Type/Intensity*	*Comments*
46.0 - 58.0	Flt S	Fault zone. Blocky core over most of the interval with clay common on fracture surfaces. Poor recovery, up to 50% core loss from 47 to 56 m.
58.0 - 80.0	F M	Broken / blocky core. Abundant healed and open fractures.
64.0 - 67.0	BX W	Cm scale healed crackle / fault bx seams observed running sub // TCA.
65.5 - 71.5	Flt S	Blocky core, locally rubble.

75	**195.5**	**MV - Mafic Volcanic**	A0867725	86.0	87.0	1	1.6	0.4	87.4	1.4	175	0.25
			A0867726	87.0	88.0	1	2.4	0.3	64.5	1.5	126	0.7
			A0867727	88.0	89.0	1	3.5	0.2	47.7	1	101	0.25
			A0867728	89.0	90.0	1	0.25	0.2	60.6	1.5	78	0.25

Mafic volcanic. Medium to dark grey, fine grained, massive to weakly foliated, bedded, mafic volcanic (mafic tuff?). Bedding / foliation is well defined above ~ 100m, and poorly defined below. Intersected mineralized bull quartz vein from 176.92 to 177.84 m bearing 7% diss py. Plagioclase phyric mafic dyke from 190.75 to 191.16 m. Lower contact is EOH (faulted, stopped due to drilling problems)

Project: Doc Project **Hole Number:** DC-20-01

From	To	Lithology
		Folding and early healed faulting occurs locally throughout. Blocky core from 76 to 80 m, and broken somewhat blocky core from 91 to 97 m, fault zone from 97 to 107 m. Fairly compent and fresh from 107 to 150 m, with several discrete fault gouges without developed fault damage zones, crackle breccia somewhat common in this interval. Below 150 m, broken and/or blocky core is more common with several intevals (<1m) of blocky core. Shearing occurs proximal to quartz veining from 175.28 to 176.74 m and below vein from 177.85 to ~179 m. Fault gouge within sheared interval at upper contact of main vein from 176.74 to 176.92 m, 55 dTCA. Below 179 m, blocky core is common between intervals of fairly competent core. Fault zone / rubble from ~195 to EOH.
		Weak rust staining on most fractures. Local moderate to strong hematization / oxidation. Pervasive weak to moderate, locally strong silicification. Strong silicification from 175.28 to ~189 m associated with veining. Strong sericite alteration and 10-15 % fgr diss py in shear zone from ~175.28 to 176.92 m and from 177.84 to ~178.5 m. Weak pervasive to domainal moderate chlorite alteration. Local moderate structurally controlled chlorite. From 106 to ~150 m, trace sericite and hematite coat most healed fracs. Very local patchy domainal epidote.
		Sporadic trace fine to medium gr diss. py from 75 to 195.5 m. 2% diss fgr py from ~153 to 156.25 m. Weak to moderate oxidation from 86 to 90.5m, strong structurally controlled oxidized sulphide min. associated with faulting from 156.25 to 156.55 m, and patchy from 175.28 to 182 m.

Minor Lithology	*Type/Description*	*Comments*
190.75 - 191.16	Dia Diabase Dyke	Not diabaseFine grained, mafic, plagioclase phyric, volcanic, dyke. Sub volcanic feeder dyke?

Alteration	*Type/Style/Intensity*	*Comments*
21.0 - 195.5	Rs FV W	Very locally moderate
75.0 - 101.0	Si Pv M	Pervasive weak to moderate silicification. Locally strong
75.0 - 175.28	Ep P W	Local very patchy weak epidote. Locally fracture, veinlet controlled.
75.0 - 195.5	Chl Pv W	Weak pervasive and moderate patchy domainal chl. Local moderate structurally controlled chl
75.0 - 195.5	Carb P W	
101.0 - 175.28	Si Pv W	
106.0 - 150.0	Ser FV W	Trace sericite and hematite fracture fill lining most healed fractures
106.0 - 156.3	Hem FV W	
153.0 - 156.3	Bl Pv W	Trace to weak bleaching
156.3 - 156.55	Hem FV S	
168.0 - 170.0	Rs P S	
175.28 - 181.5	Si Pv S	Strong silicifation proximal to qtz vein. Decreases gradually with depth.
175.28 - 182.0	Rs P S	
175.5 - 176.92	Ser Pv S	Strong hydrothermal alteration / sericitization related to shearing / veining

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867729	114.0	115.0	1	0.25	0.2	87.3	1.4	63	0.5
A0867731	117.5	118.0	0.5	0.7	0.2	135.5	2.2	64	0.25
A0867732	118.0	119.0	1	9	0.8	190	30.7	90	1.3
A0867733	119.0	119.5	0.5	1.5	0.2	107.4	1.6	89	0.25
A0867734	119.5	120.0	0.5	2.8	0.2	118.1	1.4	74	0.25
A0867735	120.0	121.0	1	0.25	0.1	97	0.9	74	0.25
A0867736	121.0	122.0	1	1.3	0.2	114.5	1.2	68	0.25
A0867737	141.0	142.0	1	0.25	0.05	63	1.6	76	0.5
A0867738	142.0	143.0	1	0.9	0.1	74.4	1.7	67	0.5
A0867739	143.0	144.0	1	0.25	0.1	87.8	1.5	67	0.25
A0867740	144.0	145.0	1	2.5	0.2	103.4	2.4	75	0.25
A0867741	145.0	146.0	1	1.3	0.2	72.9	2.7	107	0.6
A0867742	151.0	152.0	1	4.9	0.3	80.9	4.1	78	1
A0867743	152.0	153.0	1	1	0.3	75.4	4.5	82	1
A0867744	153.0	153.85	0.85	3.4	0.2	71.9	14	95	0.7
A0867745	153.85	154.55	0.7	208.5	0.8	84.4	49.2	109	0.7
A0867746	154.55	155.15	0.6	0.25	0.2	76.9	4.1	83	0.25
A0867747	155.15	155.75	0.6	135.8	0.9	175.5	13.7	65	0.25
A0867748	155.75	156.25	0.5	197.9	1.1	207.9	12.5	78	0.25
A0867749	156.25	156.55	0.3	5107.9	22.6	428.6	256	158	1.3
A0867750	156.55	157.55	1	25.7	1.5	87.1	19.8	75	1.2
A0867751	157.55	158.33	0.78	9	0.4	84.6	9.9	81	1.1
A0867752	166.0	167.0	1	3.2	0.2	45.4	5.7	76	1.1
A0867753	167.0	168.0	1	5.7	0.4	85.7	8.2	92	1.4
A0867754	168.0	168.5	0.5	0.25	0.4	80.1	6.8	90	3.6
A0867755	168.5	169.0	0.5	1	0.8	79.1	5	93	10.4
A0867756	169.0	169.62	0.62	5.6	0.6	64.9	4.7	84	12.7
A0867757	169.62	170.35	0.73	6.1	0.8	96.6	12	96	3.7
A0867758	170.35	171.0	0.65	0.6	0.5	66	4.5	95	0.9
A0867759	171.0	172.0	1	0.25	0.5	93.5	8.1	107	0.7
A0867761	172.0	173.0	1	0.25	0.4	80.3	8	123	1.1
A0867762	173.0	174.0	1	27.8	0.8	146.7	7	111	1.1

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From	To	Lithology		
177.84	179.0	Ser	Pv	S
182.0	195.5	Hem	FV	M

Mineralization	*Type/Style/%Mineral*	*Comments*
75.0 - 195.5	Py Tr 0.1%	Trace flecks of sulphides and sporadic fine grained disseminated py
86.0 - 90.5	Ox Stn 10%	
153.9 - 156.25	Py D 2%	Fine grained, disseminated, locally fabric controlled pyrite. Associated with weak bleaching and thin quartz veinlets.
156.25 - 156.55	Ox FR 20%	Strong oxidation associated with faulting / fracturing
168.4 - 170.0	Ox Stn 15%	Patchy, structurally controlled (?) moderate oxide staining.
175.28 - 176.92	Py D 15%	Very fine grained disseminated, thin fine grained veinlets and very local medium grained "clumps" of py.
175.28 - 181.5	Ox FR 15%	Moderate to strong structurally controlled oxidized sulphides and local patchy moderate staining.
176.92 - 177.84	Py FR 7%	Fine to medium grained, disseminated, fracture controlled and aggregates of py
177.84 - 179.0	Py D 10%	Very fine grained disseminated, thin fine grained veinlets and very local medium grained "clumps" of py.
181.5 - 195.5	Ox FR 5%	Limonite coating common on fractures.

Structure	*Type/Intensity*	*Comments*
58.0 - 80.0	F M	Broken / blocky core. Abundant healed and open fractures.
80.0 - 91.0	Bc W	
91.0 - 97.0	Bc M	Broken somewhat blocky core
97.0 - 107.0	Flt M	Fault zone. Blocky core to rubble, common thick clay coatings on fractures. Locally rubble with clay matrix (gouges that have been broken up by drilling). Significant core loss from 98 -101.
104.0 - 104.4	G M	Poorly preserved, possible gouge. Brown yellowish clay with angular fragments / rubble.
107.0 - 150.0	F W	Weak to locally moderate fracturing. Fairly competent. Several discrete fault gouges without well developed damage zones.
113.23 - 113.36	BX W	Crackle bx
113.36 - 113.5	G W	Upper contact 60 dTCA
118.2 - 118.53	Flt M	Fault zone. Core becomes increasingly fractured, gradually turning to rubble with 3 cm of preserved gouge at the lower contact of interval. Lower contact ~80 dTCA.
122.82 - 122.88	BX W	Fault breccia. Poorly developed. Approx 30 dTCA

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867763	174.0	175.0	1	3.6	0.4	119.2	12.1	106	0.7
A0867764	175.0	175.28	0.28	430.9	1.6	72.5	14.9	110	1.8
A0867765	175.28	176.0	0.72	758.4	3.5	267.6	25.1	96	1.4
A0867766	176.0	176.6	0.6	2382.9	7.2	66	25.8	107	0.25
A0867767	176.6	176.94	0.34	2829.9	11.9	100.2	39	114	0.9
A0867768	176.94	177.44	0.5	7194	35.1	137	110.1	10	0.7
A0867769	177.44	177.9	0.46	1669.4	7.1	27.1	32.1	14	0.7
A0867770	177.9	178.9	1	1795.2	7.6	146.8	74	87	1
A0867771	178.9	180.0	1.1	218.1	1.3	177.3	6.8	98	1
A0867772	180.0	181.0	1	115.2	0.8	140.8	6.4	76	0.9
A0867773	181.0	182.0	1	28.7	0.6	114.5	5.1	99	0.9
A0867774	182.0	183.0	1	120	1	226.8	14.5	133	0.8
A0867775	183.0	184.0	1	8.8	0.4	146.9	6.9	86	0.6
A0867776	184.0	185.0	1	0.25	0.1	60.4	3.9	67	0.25
A0867777	185.0	186.0	1	0.25	0.2	83.1	2.8	75	0.6
A0867778	186.0	187.0	1	0.25	0.1	33.8	4.5	80	0.25
A0867779	187.0	188.0	1	0.25	0.2	66.4	4.9	69	0.25
A0867780	188.0	189.0	1	0.25	0.2	97.7	3.8	82	0.25
A0867781	194.0	194.75	0.75	7	0.5	58.4	24.9	89	0.9
A0867782	194.75	195.5	0.75	3.7	0.7	104.8	51.5	96	1.1

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
128.59	128.64	G	M	Lower contact 65 dTCA. Matrix grey clay.									
132.4	132.52	G	M	Lower contact 75 dTCA. Matrix greenish gray brown.									
144.07	144.17	BX	W	Weakly consolidated rubble. Gouge / bx.									
144.8	145.25	Flt	M	Fault gouge at 70 dTCA flanked by ~20cm of crackle bx above and below.									
148.75	149.0	BX	W	Crackle bx with brown clay matrix between closed fractures									
151.8	151.9	G	W	Grey brown clay matrix, coarse angular fragments.									
150.0	175.28	Bc	M	Weak to moderate fracturing with several intervals < 1m of blocky core. Oxidiation / alteration of blocky core zones is somewhat common .									
156.45	156.55	G	M	Very rusty gouge with bull qtz fragments.									
168.1	170.0	STK	S	Healed stockwork fracturing zone / crackle bx. Strong patchy rust staining. Moderate broken core									
169.66	170.23	VN	M	Irregular, anastomosing, quartz carbonate vein. 1-3cm wide. Trace py, local oxidized sulphides along margins. Local fragments of host rock. 17 dTCA at 169.75.									
171.15	171.4	Flt	W	Fault. Two discrete 5cm gouges with brown green dark gray clay matrix.									
175.28	176.74	She	S	Strongly altered shear zone. Foliation approx 55-60 dTCA.									
176.74	176.92	G	M	Rusty bright orange fault gouge with fragments of altered shear zone. 55 dTCA									
176.92	177.84	Vqtz	S	Altered bull quartz vein bearing ~7% fine to medium grained disseminated py. Fracture set through vein at 35 dTCA. Faulted upper contact and irregular lower contact.									
177.84	178.38	She	M	Strongly altered shear zone. Alteration and shearing intensity gradually decrease with depth.									
178.38	195.0	F	S	Approximately 60% of the interval is blocky core and the rest is moderately fractured/ broken core. Clay coating common on fracture surfaces and local possible weak gouges.									
195.0	195.5	Flt	In	Rubble with some green gray and yellow green clay material. Some fragments of core. Unclear to what extent core was broken up due to drilling problems vs faulting.									

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
9.5	Bed	10				
15.4	Bed	20				
15.48	G	40				
17.7	Bed	13				
30	F	55				Coated with brown clay
38.7	F	33				Weak rust staining
44.4	Fol	28				
56.4	BX	5				Irregular anastamozing crackle breccia, 5-15 m wide
58.8	Bed	1				
62	Bed	10				
63.25	Bed	5				
63.26	F	40				mm scale bedding offset
73.4	Bed	12				
73.5	F	15				Healed/silicified
80.6	Bed	0				folded
81	Bed	43				
86.7	Flt	3				early healed fault. cm scale offset
88.7	Bed	40				
89.5	Bed	45				
91	F	65				healed discordant fracture set
95.4	Fol	50				
113.35	G	60				upper contact
116.3	Fol	50				
118.55	G	80				lower contact
119.7	Bed	30				subtle
124.4	Bed	27				
128.64	G	65				lower contact
132.5	G	75				lower contact
134.1	Bed	20				gently folded, steepns very gradually with depth from 133.9 to 134.1
139.6	Bed	0				very subtle

140.7	Bed	7			very subtle, very gently folded
145.11	G	70			lower contact
151.9	G	40			Lower contact of 6cm gouge
152.7	Fol	35			
153.8	Fol	30			
154	VL	30			1 cm wide py bearing qtz cb vein
156.55	G	45			L.C.
156.8	Fol	50			
157.55	Fol	48			
159.7	Fol	15			
166.8	Fol	40	75		
169.7	Vqtz	17	155		qtz carb vein
170.1	Fol	40	50		
172.9	F	45	10		
175.5	She	70	350		shear foliation is fairly irregular / altered
175.7	Vqtz	65	350		dirty, altered, irregular bull qtz vein, 7 cm wide along core axis
176.1	She	60	330		strongly altered, foliation somewhat irregular
176.5	She	57			
176.74	G	55			upper contact
176.92	G	55			lower contact
177.14	F	35			frac set through qtz vein
179.8	BAN	60			contact of hm staining

Geotech

From	To	Recovery	Recovery %	Comments
3	5	2	100	
5	8	2.83	94.33	
8	11	3.84	128	
11	14	2.81	93.67	
14	17	2.77	92.33	
17	20	2.91	97	
20	23	3.1	103.33	
23	26	3.12	104	

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26	29	2.9	96.67
29	32	2.81	93.67
32	35	2.2	73.33
35	38	3.25	108.33
38	41	3.1	103.33
41	44	2.67	89
44	47	2.9	96.67
47	50	1.65	55
50	53	2.5	83.33
53	56	1.5	50
56	59	2.85	95
59	62	2.11	70.33
62	65	2.85	95
65	68	2.78	92.67
68	71	2.5	83.33
71	74	3.07	102.33
74	77	2.8	93.33
77	80	3.2	106.67
80	83	3.05	101.67
83	86	3.1	103.33
86	89	3.05	101.67
89	92	2.97	99
92	95	3.05	101.67
95	98	3.15	105
98	101	1.4	46.67
101	104	2.87	95.67
104	107	3.4	113.33
107	110	2.92	97.33
110	113	3.09	103
113	116	3.13	104.33
116	119	2.94	98
119	122	2.8	93.33
122	125	2.97	99

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125	128	3.11	103.67
128	131	2.85	95
131	134	2.99	99.67
134	137	2.93	97.67
137	140	3.11	103.67
140	143	2.91	97
143	146	2.85	95
146	149	2.98	99.33
149	152	3.03	101
152	155	2.93	97.67
155	158	2.96	98.67
158	161	3.01	100.33
161	164	2.95	98.33
164	167	2.75	91.67
167	170	2.97	99
170	173	2.92	97.33
173	176	2.92	97.33
176	179	2.75	91.67
179	182	2.81	93.67
182	185	2.7	90
185	188	2.98	99.33
188	191	2.92	97.33
191	194	3.1	103.33
194	195.5	1.5	100

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-02

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-04-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-09-2020	**Easting:**	409,998
Actual depth:	241.3	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,768
Target:						**Elevation:**	1,260

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	186	186	-45	
21	Reflex Hanstone	165	183	-47.1	
63	Reflex Hanstone	160.4	178.4	-48.2	
114	Reflex Hanstone	161	179	-49.1	
165	Reflex Hanstone	153.1	171.1	-48.7	
216	Reflex Hanstone	155.7	173.7	-48.7	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0	**2.8**	**CAS - Casing**										

2.8 10.3 MTSD - Metasedimentary Rock

Grey and orange and fine grained metasedimentary rock composed of quartz, chlorite and minor alkali feldspar.

Unit is characterized by weak chlorite alteration with patchy feldspathic alteration and pervasive weak silicification. Fractures commonly contain orange limonite alteration on open surfaces. Patchy rust staining is apparent throughout the rock.

Lithology is broken up and blocky throughout with rare pieces greater than 10 cm. Foliation is generally ~75 - 90 DTCA. Quartz veinlet from 9 - 9.2 m is boudinaged with tourmaline layers and looks quite rusty, but no fresh sulphides are visible.

As mentioned previously, unit contains weak to locally moderate rust staining. Weak magnetic minerals are common.

9 - 9.2 m - Cherty quartz veinlet with rusty lenses. Layered tourmaline in the centre.

Lower contact is broken up and undefined with Mafic volcanics.

Alteration	*Type/Style/Intensity*	*Comments*
2.8 - 10.3	K P W	
2.8 - 75.2	Rs FV M	Common fracture surfaces with orange rust staining.

Structure	*Type/Intensity*	*Comments*

10.3 38.25 MV - Mafic Volcanic

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From	To	Lithology
		Dark green and fine grained mafic volcanic rock composed of mainly hornblende and other amphibole minerals with a major component of magnetite. Alteration is characterized by pervasive weak pervasive chlorite alteration with hydraulicly brecciated vessicular epidote on sporadic fractures between 0.5 - 5 cm wide. A fault zone described below is characterized by strong light to dark orange oxidized sulphide staining with heavy minerals concentrated on fault planes. Quartz stringers and thin boudinaged quartz veining without sulphides is common throughout this unit. Brittle/ductile deformation also common with rotated and boudinaged barren quartz stringers. A 30 cm chloritized gouge is oriented at 40 DTCA at 19.0 - 19.3 m. Although the entire hole contains evidence of structural movement so far, several gouges with associated light to dark orange rust staining around brecciated quartz from 27.8 - 31.3 m are oriented ~70 - 75 DTCA. This zone is also moderate to strongly magnetic. A 20 cm greenish gouge at 48 DTCA from 29.95 - 31.15 m is characterized by dark green fragments within a matrix supported soft greyish green clay. Mineralization in this unit is contained between 27.8 - 31.3 m within the strongly faulted and altered zone characterized by light to dark orange sulphide staining and heavy minerals on structural planes. Lower contact is broken up but is sharp at 60 DTCA.

Alteration	*Type/Style/Intensity*	*Comments*
2.8 - 75.2	Rs FV M	Common fracture surfaces with orange rust staining.
10.3 - 28.1	Chl Pv M	Moderate chlorite alteration throughout.
16.0 - 23.1	Ep FV M	Vein and lenses of epidote throughout interval. oriented parallel to the foliation.
28.1 - 30.3	Rs FV S	Strong structurally controlled controlled oxidized sulphides throughout this interval. Especially strong near fault planes and gouges, HW and FW to the ~10 cm quartz veinlet.
30.3 - 38.25	Chl Pv M	

Mineralization	*Type/Style/%Mineral*	*Comments*
28.0 - 30.3	Ox Sul 10%	5-20% oxidized sulphides throughout zone. Structurally controlled and concentrated on margins of a 10 cm quartz veinlet.

Structure	*Type/Intensity*	*Comments*

From	To	Lithology
38.25	**75.2**	**Calc - Calc-Silicate** Grey to light grey with orange fractures and fine grained. Mineralogical composition made up of plagioclase, calcite, minor mafic calcium amphiboles and quartz. Alteration is weak overall with patchy chlorite and bleaching and strong oxidized orange staining on and haloing fractures. Foliation controlled white to light green carbonate lenses are common. Frequent oxidized fractures oriented randomly. Sporadic 0.5 cm gouges throughout to 65.00 m characterized by grey clay matrix with mm to cm scale pebbles of wallrock. Frequent fractures in this unit exhibit hydraulic brecciation with a quartz or carbonate mm to cm scale cement. Minor folding is also apparent at 44.2 and 45.4 m. widespread polyphase folding at 55.00 - 75.20 m. Significant fluid flow associated with folded zone exhibiting red - orange rusty sulphide layers intercalated with green chlorite and sericite alteration. Oxidized sulphides on fracture surfaces and bleeding out into wallrock from fluid flow. No fresh sulphides visible.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
35801	28.0	28.4	0.4	257	2.5	291	639	174	2
35802	28.4	29.0	0.6	27	0.9	464	26	223	2
35803	29.0	29.5	0.5	258	1.8	380	28	79	2
35804	29.5	29.8	0.3	2360	8.6	311	73	34	3
35805	29.8	30.4	0.6	3950	11.6	483	250	35	8
35806	59.2	59.4	0.2	4360	96.5	1300	1845	381	5
35808	58.5	59.2	0.7	6	0.2	25	6	62	6
35809	59.4	60.2	0.8	63	1.6	66	44	93	4
35810	60.2	61.2	1	8	0.4	41	16	65	5
35811	61.2	62.2	1	2.5	0.2	33	6	43	4
35812	62.2	63.2	1	2.5	0.3	24	6	46	3
35813	63.2	64.2	1	6	0.3	30	5	46	2
35814	64.2	65.0	0.8	2.5	0.2	24	4	50	5
35815	65.0	65.5	0.5	2.5	0.2	39	4	32	4

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Lower contact sharp at 42 DTCA.

Alteration	Type/Style/Intensity			Comments
2.8 - 75.2	Rs	FV	M	Common fracture surfaces with orange rust staining.
38.25 - 75.2	Cal	P	W	Weak carbonate alteration.
38.25 - 75.2	Ser	FV	M	

Mineralization	Type/Style/%Mineral			Comments
59.25 - 59.4	Ox	Sul	10%	Strongly oxidized sulphides on a fracture plane with thickness and quartz (dissolution).

Structure	Type/Intensity	Comments

75.2 123.7 Tuf - Mafic Tuff

Green to dark green speckled, well foliated mafic tuff. Mineralogical composition: amphibole, biotite, quartz and accessory magnetite.

Unit is moderate to strongly chlorite altered with weak foliation controlled carbonate alteration. Epidote cemented fractures and veinlets are common. Hairline conjugate fractures with carbonate cement are ubiquitous.

Foliation in unit generally 45-80 DTCA. Conjugate hairline fracture sets are scattered throughout the unit cemented with carbonate and rarely epidote. Shear zone from 87.40 - 89.75 m oriented at ~40 DTCA. Grain size reduction resulting from the ductile deformation. Open fractures are generally fresh with rare mm scale dark brown clay.

A fractured 10 cm quartz vein associated with dark red rusty sulphides throughout from 88.00 - 88.25 m.

Alteration	Type/Style/Intensity			Comments
88.0 - 88.25	Rs	FV	S	Strong dark red rust staining around narrow quartz veinlet.
75.2 - 145.26	Chl	Pv	M	
75.2 - 145.26	Cal	FV	M	
75.2 - 145.6	Ep	FV	M	

Mineralization	Type/Style/%Mineral			Comments
88.0 - 88.25	Ox	Sul	10%	Strongly oxidized sulphides proximal to 10 cm quartz vein.
105.92 - 106.8	Ox	Sul	5%	Fault gouge with orange rusty sulphide staining at 70 DTCA
112.27 - 113.27	Ox	Sul	5%	Fault gouge with rusty soft clay matrix. No orientation possible.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
35816	65.5	66.3	0.8	2.5	0.3	52	3	36	3
35817	66.3	67.3	1	6	0.3	28	5	69	1
35818	67.3	68.0	0.7	5	0.3	38	3	60	2
35819	68.0	69.0	1	6	0.1	26	7	63	5
35820	69.0	70.0	1	11	0.2	27	15	83	4
35821	70.0	71.0	1	2.5	0.2	45	6	55	2
35822	71.0	72.0	1	9	0.2	30	20	45	2
35823	72.0	73.0	1	5	0.1	19	19	51	2
35824	73.0	73.3	0.3	11	0.2	45	40	67	4
35825	73.3	74.0	0.7	6	0.2	24	8	58	1
29026	74.0	75.0	1	6	0.4	93	4	102	3
29027	75.0	76.0	1	2.5	1.2	138	3	67	1
35807	88.0	88.25	0.25	530	1.7	173	16	118	3
29027	75.0	76.0	1	2.5	1.2	138	3	67	1
29028	105.45	105.92	0.47	6	0.5	223	4	139	2
29029	105.92	106.8	0.88	528	1.4	43	12	154	3
29030	106.8	107.2	0.4	2.5	0.2	108	3	121	1
29031	111.6	112.27	0.67	256	1.4	149	7	101	1
29032	112.27	113.27	1	376	1.8	98	33	174	2
29033	113.27	113.9	0.63	7	0.2	116	3	147	1

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Structure	*Type/Intensity*	*Comments*

123.7 130.4 MV - Mafic Volcanic

Dark green, fine grained and weakly foliated mafic volcanic rock with amphibole and minor plagioclase.

Alteration is characterized by pervasive dark green chlorite with stringers of fine sulphides. 127.3 m mm scale phenocrysts of plagioclase and quartz around possible deformed pink carbonate with 0.5 cm sericite alteration halo.

Hairline carbonate stringers are common throughout unit as in above tuff. Fractures commonly also carry fine sulphides. Stringers with epidote as cement are also locally present oriented parallel to the foliation.

Upper and lower contacts are gradational.

Alteration	*Type/Style/Intensity*	*Comments*
75.2 - 145.26	Chl Pv M	
75.2 - 145.26	Cal FV M	
75.2 - 145.6	Ep FV M	

Structure	*Type/Intensity*	*Comments*

130.4 143.95 Tuf - Mafic Tuff

Green to dark green speckled, well foliated mafic tuff. Mineralogical composition: amphibole, biotite, quartz and accessory magnetite.

Unit is moderate to strongly chlorite altered with weak foliation controlled carbonate alteration. Epidote cemented fractures and veinlets are common. Hairline conjugate fractures with carbonate cement are ubiquitous.

Foliation in unit generally 45-80 DTCA. Conjugate hairline fracture sets are scattered throughout the unit cemented with carbonate and commonly epidote. Fault gouge at 137.5 and 138.0 m both have soft dark brown clay within, and the gouge at 138.0 m is approx 20 cm wide, also containing strong oxidized sulphides.

Lower contact gradational and associated with grain size reduction into a narrow zone of mafic volcanic rock.

Alteration	*Type/Style/Intensity*	*Comments*
75.2 - 145.26	Chl Pv M	
75.2 - 145.26	Cal FV M	
75.2 - 145.6	Ep FV M	
137.0 - 186.0	Rs FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.

Structure	*Type/Intensity*	*Comments*

143.95 145.25 MV - Mafic Volcanic

Dark green, fine grained and weakly foliated mafic volcanic rock with amphibole and minor plagioclase.

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Alteration is characterized by pervasive dark green chlorite with stringers of fine sulphides.

Hairline carbonate stringers are common throughout unit as in above tuff. Fractures commonly also carry fine sulphides. Stringers with epidote as cement are also locally present oriented parallel to the foliation.

Lower contact with siliceous metasediment is sharp at 47 DTCA beneath a pink carbonate band.

Alteration	*Type/Style/Intensity*	*Comments*
75.2 - 145.26	Chl Pv M	
75.2 - 145.26	Cal FV M	
75.2 - 145.6	Ep FV M	
137.0 - 186.0	Rs FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.

145.25 150.76 SS - Siliceous Metasediment

Very fine grained and laminated to finely bedded siliceous metasediments. Quartz and mafic amphibole minerals with intercalated carbonate rich bands.

Alteration is characterized by a pervasive weak chloritization of the mafic minerals along with patchy weak to moderate sericite and carbonate alteration. Oxide staining bleeding out of fractures into surrounding wallrock up to 2 cm.

Stringers contain hydraulic brecciated plagioclase and carbonate fragments. Bedding is commonly oriented ~ 48 DTCA. Laminations and beds within the unit are broken and compressed with brittle ductile deformation and evidence of folding ubiquitous throughout the unit. Cemented and open fractures are commonly associated with structurally controlled oxidized sulphides.

Fresh fine structurally controlled pyrite and pyrrhotite are also common near or within stringers.

The lower contact is sharp at 150.76 m with carbonate rich metasediment.

Alteration	*Type/Style/Intensity*	*Comments*
75.2 - 145.26	Chl Pv M	
75.2 - 145.26	Cal FV M	
75.2 - 145.6	Ep FV M	
145.6 - 216.2	Ser FV M	Moderate sericitization around select fractures and veinlets. Usually extending up to 5 cm into wallrock.
137.0 - 186.0	Rs FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.

150.76 160.12 CS - Calcareous Metasediment

Bedded and fine grained grey carbonate rich metasediments (turbidites?). Unit resembles marble over several intervals.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
29034	158.47	159.0	0.53	2.5	0.1	19	8	15	10
29036	159.0	159.5	0.5	5	0.6	41	19	28	12
29037	159.5	160.12	0.62	133	6.6	230	242	147	8

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Alteration is characterized by common rusty oxidized fractures with some bleeding ~ 1 cm into wallrock. Structurally controlled weak sericite alteration is common throughout the unit.

Fracture related fluid movement through the unit is prevalent. Laminations and bedding is obviously deformed as in above siliceous unit. Brittle structure including hydraulic brecciation affect stringers and <1 cm quartz (carbonate) veinlets.

Alteration	*Type/Style/Intensity*	*Comments*
145.6 - 216.2	Ser FV M	Moderate sericitization around select fractures and veinlets. Usually extending up to 5 cm into wallrock.
137.0 - 186.0	Rs FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.

Mineralization	*Type/Style/%Mineral*	*Comments*
159.0 - 160.8	Ox Sul 15%	Several fault gouges with dark brown, orange and black clay matrix. Extensive sulphide staining bleeding out into the surrounding rock.

Structure	*Type/Intensity*	*Comments*

160.12 168.4 SS - Siliceous Metasediment

Very fine grained and laminated to finely bedded siliceous metasediments. Quartz and mafic amphibole minerals with intercalated carbonate rich bands. Quartz veinlets =<1 cm are common with mm scale offsets.

Alteration is characterized by a pervasive weak chloritization of the mafic minerals along with patchy weak to moderate sericite and carbonate alteration. Oxide staining bleeding out of fractures into surrounding wallrock up to 2 cm.

Stringers contain hydraulic brecciated plagioclase and carbonate fragments. Bedding is commonly oriented ~ 48 DTCA. Laminations and beds within the unit are broken and compressed with brittle ductile deformation and evidence of folding ubiquitous throughout the unit. Gouges at 159.70 (40 DTCA), 159.90 (60 DTCA), 160.22 (60 DTCA), 164.4 (60 DTCA) and 167.05 m(75 DTCA) all characterized by black to orange clay matrix with 1-5 cm thickness.

Fresh fine structurally controlled pyrite and pyrrhotite are also common near or within stringers.

The lower contact is gradational at 168.4 m with carbonate rich metasediment.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
29038	160.12	160.4	0.28	260	8.9	368	98	76	56
29039	160.4	160.85	0.45	51	0.9	34	13	62	4
29040	160.85	161.85	1	80	1	12	9	39	3
29041	161.85	162.55	0.7	78	0.7	33	21	102	3
29042	162.55	162.9	0.35	328	4	69	52	36	8
29043	162.9	164.0	1.1	109	1.3	61	24	69	6
29044	164.0	165.0	1	277	6.4	497	86	80	7
29045	165.0	165.5	0.5	150	3	135	29	81	8
29046	165.5	165.7	0.2	24	2.9	145	11	73	6
29047	165.7	166.7	1	49	1.2	70	27	70	15
29048	166.7	167.1	0.4	305	2.4	60	27	97	9
29049	167.1	167.6	0.5	64	0.3	27	5	82	2

Alteration	*Type/Style/Intensity*	*Comments*
145.6 - 216.2	Ser FV M	Moderate sericitization around select fractures and veinlets. Usually extending up to 5 cm into wallrock.
137.0 - 186.0	Rs FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.

Mineralization	*Type/Style/%Mineral*	*Comments*
159.0 - 160.8	Ox Sul 15%	Several fault gouges with dark brown, orange and black clay matrix. Extensive sulphide staining bleeding out into the surrounding rock.
162.54 - 162.8	Ox Sul 5%	Quartz vein oriented at 35 DTCA with black coated fracturing throughout. Strong associated sericite alteration.

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From	To	Lithology			
162.8	164.7	Ox	Sul	10%	Predominantly pervasive black oxide throughout interval with quartz cement and weak to moderate sericite alteration.
164.7	167.1	Ox	Sul	15%	Dark orange to red oxide staining throughout rubble fault zone. Remnants of quartz veining throughout. Foreign material possible within this interval as there is significant gravelly looking pebbles, although most of the rock looks to be in situ.

Structure	*Type/Intensity*	*Comments*

168.4 216.2 CS - Calcareous Metasediment

Bedded and fine grained grey carbonate rich metasediments (turbidites?) characterized by thin beds to rarely laminations of calcareous siltstone. Carbonate and quartz is common within barren quartz veinlets.

Alteration is characterized by common rusty oxidized fractures with some bleeding ~ 1 cm into wallrock. Structurally controlled weak sericite alteration is common throughout the unit.

Fracture related fluid movement through the unit is prevalent. Laminations and bedding oriented at 40 DTCA between 172.00 - 174.00 m. Brittle structure including hydraulic brecciation affect stringers and <1 cm quartz (carbonate) veinlets. Quartz carbonate stringers are frequently present with tension cracks oriented perpendicular to bedding. Entire unit is folded with with ductile deformation as evidenced by boudinaged quartz ~175.8 m. Folded layers and laminations resemble turbidites as mentioned in previous assessement reports. Silicification increases at 211.2 m above a mostly barren quartz vein that appears from 216.2 - 216.5 m oriented at 55 DTCA with speckled floating amphiboles suspended within and a few healed fractures containing minor sulphides.

Lower contact is sharp at the quartz vein ~55 DTCA.

Alteration	*Type/Style/Intensity*			*Comments*
145.6	216.2	Ser	FV M	Moderate sericitization around select fractures and veinlets. Usually extending up to 5 cm into wallrock.
137.0	186.0	Rs	FV M	Moderate to strong rust staining on structures especially strong around faulting and gouges. Black oxides are common within clay gouge.
186.0	241.28	Rs	FV W	
168.4	241.28	Cal	FV M	Structural controlled carbonate cemented hairline fractures throughout the interval with a few mm scale veinlets.

Structure	*Type/Intensity*	*Comments*

216.2 241.28 MV - Mafic Volcanic

Dark green fine grained and weakly foliated metavolcanic (amphibolite) rock made up of primarily amphibole minerals with intercalations of mafic tuff? Tuff at 227.8 - 230.7 m contains sporadic disseminated garnets proximal to veinlets of epidote.

Pervasive moderate chlorite alteration with a moderate to strong pervasive silicification. Sulphides are associated with a quartz veinlet (1 cm wide) at 220.00 m. Fresh foliation controlled sulphides are locally present proximal to quartz and quartzcarb stringers.

Structure within this unit is characterized by quartz filled fracturing and veinlets with sporadic rust on open fractures. A veinlet at 220 m as mentioned above contains sulphides on the margins including chalcopyrite with minor pyrite up to 2%. Quartz flooding in veinlets and stringers are folded. Carbonate cemented hairline fractures preferentially oriented ~45 DTCA and usually are oblique to quartz veinlets. Sporadic epidote appearing at 224.00 m within folded veinlets oriented near perpendicular TCA.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
29050	220.0	220.2	0.2	11	3.3	2180	1	55	1
37301	231.8	232.36	0.56	2.5	0.1	72	1	80	1

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Alteration	***Type/Style/Intensity***	***Comments***
186.0 - 241.28	Rs FV W	
216.2 - 241.28	Chl Pv M	Moderate pervasive chlorite alteration within unit associated with silicification.
168.4 - 241.28	Cal FV M	Structural controlled carbonate cemented hairline fractures throughout the interval with a few mm scale veinlets.

Mineralization	***Type/Style/%Mineral***	***Comments***
220.0 - 220.2	Ccp Sul 2%	1.5 cm wide quartz carbonate veinlet with fresh chalcopyrite lining.
231.8 - 232.6	Py Sul 1%	Foliation controlled fresh fine sulphides within folding.

Structure	***Type/Intensity***	***Comments***

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
9.8	G	30				
20	Fol	85				
20.05	Vcc	85				
22.85	Vcc	85				
19	G	35				
21.4	G	85				
25.1	G	40				
28.3	G	55				
29.9	She	60				
30	G	80				
30.3	G	60				
31	G	45				
32	Fol	60				
34	G	10				Parallel to core axis gouge with broken core
44	Fol	70				
46.1	F	25				
48.5	F	70				
58.1	Fol	40				
59.25	She	39				Shearing associated with quartz stringers and very strong oxidized sulphide content including pyrrhotite and pyrite.
62.3	F	10				Fracturing carrying oxidized sulphides with alteration halos bleeding out from fracture into wall rock ~ mm scale.
60.4	F	90				Fracturing with carbonate cement +/- pyrite.
65.1	G	35				Oxidized sulphide clay matrix gouge ~3 cm wide.
65.5	She	55				Shearing with considerable folding and brittle/ductile deformation. Alternating light and dark layers of sericite alteration/quartz and carbonate with dark layers of chlorite and mafic minerals. Shear is aphanitic.
68.2	G	70				Dark brown matrix with splay subparallel TCA.
76.6	Fol	40				
73	Vqtz	40				5 cm wide quartz vein (bull quartz?) No significant associated sulphides. Broken up but looks to be parallel to the foliation.
75.2	C	42				

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78.2	Vqtz	20	Quartz stringer shear. Foliation changes to 40 within 10 cm FW to shear.
84.2	Fol	30	
81.5	F	30	Conjugate fracturing with carbonate cement.
87.4	She	30	
89.75	She	60	
106	G	70	Fault gouge with soft grey-orange clay matrix.
110	G	80	Dark brown soft clay matrix.
113	G	90	Fault gouge with dark brown clay matrix.
111	Fol	75	
119.9	Fol	65	
98.4	Fol	65	
128	Fol	30	
137.4	G	30	
138.2	G	30	
140.4	Fol	60	
146	Bed	45	
143.95	C	40	
147.82	Vqtz	60	Fractured and stained quartz vein with brittle fracturing.
153.4	Bed	45	
150.74	C	50	Gradational contact with bedding oriented at approximately 50 DTCA.
159.72	G	24	
159.95	G	48	
160.33	G	60	
162.57	Vqtz	40	
164.6	G	45	
167	G	60	
170	Bed	35	
173.1	F	45	Tension fractures perpendicular dominant fracture set all filled with quartz cement.
171.3	F	5	Black oxide surface coating.
173.5	Vqtz	55	
189.2	Bed	85	
194.2	Bed	70	

202.5	Bed	80
198.6	F	48
212.1	F	50
212.5	F	10
230.9	Fol	45
224.3	Vqtz	65
237.4	Fol	62
229.8	F	75
241.2	Fol	40

Geotech

From	To	Recovery	Recovery %	Comments
1	3	0.3	15	
3	6	0.53	17.67	
6	9	1.21	40.33	
9	12	2.03	67.67	
12	15	2.52	84	
15	18	2.63	87.67	
18	21	2.99	99.67	
21	24	2.61	87	
24	27	2.45	81.67	
27	30	2.74	91.33	
30	33	2.94	98	
33	36	1.55	51.67	
36	39	2.01	67	
39	42	2.65	88.33	
42	45	2.65	88.33	
45	48	2.99	99.67	
48	51	1.88	62.67	
51	54	2.96	98.67	
54	57	2.58	86	
57	60	2.66	88.67	
60	63	2.18	72.67	

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63	66	2.64	88	
66	69	2.15	71.67	highly fractured & gouge
69	72	1.93	64.33	
72	75	2.16	72	fractured ground
75	78	2.83	94.33	
78	81	2.85	95	
81	84	2.22	74	
84	87	2.99	99.67	
87	90	2.49	83	
90	93	1.58	52.67	
93	96	3.1	103.33	
96	99	2.61	87	
99	102	2.25	75	
102	105	1.88	62.67	
105	108	2.33	77.67	
108	111	2.42	80.67	
111	114	2.62	87.33	
114	117	1.96	65.33	
117	120	2.61	87	
120	123	2.51	83.67	
123	126	2.93	97.67	
126	129	2.55	85	
129	132	3.23	107.67	
132	135	2.97	99	
135	138	2.69	89.67	
138	141	2.34	78	
141	144	2.9	96.67	
144	147	2.57	85.67	
147	150	3.11	103.67	
150	153	3.03	101	
153	156	2.98	99.33	
156	159	2.88	96	
159	162	2.82	94	

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162	165	2.27	75.67
165	168	1.81	60.33
168	171	3.07	102.33
171	174	3	100
174	177	2.59	86.33
177	180	2.89	96.33
180	183	2.83	94.33
183	186	2.9	96.67
186	189	3.05	101.67
189	192	3.02	100.67
192	195	2.84	94.67
195	198	3.03	101
198	201	3.06	102
201	204	2.86	95.33
204	207	2.86	95.33
207	210	2.94	98
210	213	2.94	98
213	216	2.89	96.33
216	219	2.91	97
219	222	3	100
222	225	2.81	93.67
225	228	2.94	98
228	231	3.06	102
231	234	2.94	98
234	237	2.75	91.67
237	240	3	100
240	241.28	1.28	100

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-03

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-13-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-16-2020	**Easting:**	410,327
Actual depth:	162.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,720
Target:						**Elevation:**	1,236

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	191	191	-45	
24	Reflex Hanstone	172.7	190.7	-45.7	
75	Reflex Hanstone	173.7	191.7	-45.9	
126	Reflex Hanstone	173	191	-46.1	
172.7	Reflex Hanstone	173	191	-46	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0	**2.87**	**CAS - Casing**										
2.87	**17**	**MV - Mafic Volcanic**	37306	16.8	17.8	1	2.5	0.3	113	15	108	2

Dark grey to black fine grained and weakly foliated mafic volcanic rock with mostly amphibole, biotite and minor quartz. Disseminated sulphides are common throughout this unit yielding yellowy orange colors especially visible on fracture surfaces.

Weak to moderate carbonate as cement within fracturing. Weak banded chlorite alteration and frequent rusty sulphides on open fracture surfaces.

Frequent stockwork fracturing throughout the unit with carbonate cement and rarely quartz +/- druzy.

Lower contact is broken up at 17.0 m with calc rich metasediments.

Alteration	*Type/Style/Intensity*	*Comments*
2.87 - 21.2	Cal FV M	
2.87 - 21.2	Rs FV M	
2.87 - 29.0	Chl Pv W	

Mineralization	*Type/Style/%Mineral*	*Comments*
2.87 - 34.0	Ox FR 2%	
2.87 - 34.2	SUL D 1%	

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Structure	*Type/Intensity*	*Comments*
2.87 - 21.0	F M	Broken core with frequent strong stockwork fracturing with carbonate cement. Brittle deformation.

17 21.2 CS - Calcareous Metasediment

Laminated to bedded fine grained calc-rich metasediments with bedding controlled disseminated sulphides that have mostly been rusted out.

Oxidized sulphides common throughout with weak chlorite alteration.

Frequent stockwork fracturing throughout with carbonate cement. Hydraulic brecciation in places. Bedding commonly oriented at 30-45 DTCA.

Lower contact sharp at 80 DTCA.

Alteration	*Type/Style/Intensity*	*Comments*
2.87 - 21.2	Cal FV M	
2.87 - 21.2	Rs FV M	
2.87 - 29.0	Chl Pv W	

Mineralization	*Type/Style/%Mineral*	*Comments*
2.87 - 34.0	Ox FR 2%	
2.87 - 34.2	SUL D 1%	

Structure	*Type/Intensity*	*Comments*
2.87 - 21.0	F M	Broken core with frequent strong stockwork fracturing with carbonate cement. Brittle deformation.
21.0 - 36.0	F W	Weak to moderately fractured mafic volcanic rock.

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
21.2	162	**MV - Mafic Volcanic**	37306	16.8	17.8	1	2.5	0.3	113	15	108	2
			37307	20.45	21.1	0.65	11	0.3	60	15	128	4
			37308	33.8	34.25	0.45	2.5	0.1	78	1	58	1
			37309	34.25	35.0	0.75	2.5	0.1	111	3	60	2
			37310	35.0	36.0	1	2.5	0.1	68	2	69	3
			37311	36.0	37.0	1	2.5	0.2	100	1	63	1
			37312	37.0	38.0	1	5	0.2	110	2	56	1
			37313	38.0	39.0	1	2.5	0.1	104	2	60	2
			37314	39.0	40.0	1	2.5	0.1	98	1	74	2
			37315	40.0	41.0	1	2.5	0.1	86	2	68	1
			37316	41.0	41.7	0.7	2.5	0.1	74	2	66	2
			37317	41.7	42.7	1	2.5	0.2	81	2	63	2

Dark greyish green to black, fine grained and weak to moderately foliated mafic volcanic showing flow banding in places. Unit is characterized mineralogically by amphibole, quartz and disseminated sulphides.

Weak chlorite alteration with common carbonate banding. Strong silicification at top of the unit to 29.0 m, then becoming moderate to weak with depth. Common quartz "eyes" near top of unit within strong sil. Sulphides are oxidized around fractures where fluid interaction was high.

Fracturing with mm scale offsets are common. Cement composed of both carbonate and quartz, especially in silicified zone, with carbonate more common at depth. Sericite and carbonate veinlets become more common at depth. Foliation in the unit varies from approximately parallel to 30-45 DTCA.

Multiple zones of rusty mineralization(?) were in encountered at 58.5, 82.5 and 88.0m. The rusty intervals all host local gouge which most likely acted as conduit for surfaces fluids to oxidize the core core. (I am unsure if oxidized and rusty core is related to the movement of mineralized fluids). The first target zone was intersected from 82.18 to 89.2m which hosted a brecciated bull white quartz vein, gouge and local ductile shearing. Intensity of quartz carbonate stockwork veining begins at 69m and the intensity of veining increases towards the main target (Q22). A

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From To Lithology

second mineralized (Q17) unit was intersected from 121.46 to 130.38 metres. The second mineralized unit hosts significant oxidized core but only minor white quartz veins.

Lower contact is EOH.

Alteration	*Type/Style/Intensity*	*Comments*
2.87 - 29.0	Chl Pv W	
21.2 - 29.0	Si Pv S	
21.2 - 37.0	Rs FV W	
29.0 - 162.0	Chl Pv M	
37.0 - 42.8	Rs FV M	
40.0 - 40.7	Rs P M	
58.0 - 59.0	Rs Pv M	
63.0 - 63.08	Rs Pv M	
81.67 - 82.0	Ser FV M	Minor Epidote altered minerals.
82.18 - 85.2	Rs Pv M	
87.51 - 89.5	Rs Pv M	
90.5 - 93.0	Rs P M	
112.22 - 112.38	Rs Pv S	Oxidized breccia.
115.8 - 116.8	Act FV M	Calc-silicate altered veins.
119.26 - 119.35	Rs Pv W	Rust oxidation of a narrow quartz vein. Quartz vein is the conduit for fluid migration causing the wall rock to oxidize.
121.46 - 130.38	Rs P M	Moderate to strong patchy oxidized core.
131.45 - 132.0	Si Pv S	
132.0 - 132.16	Rs Pv M	
135.6 - 136.0	Rs Pv M	
141.06 - 141.5	Ser P M	Patchy sericite alteration with minor smoky quartz veins. The core is pitted locally.
145.2 - 145.9	Rs FV M	Rust stained fractures.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
37318	42.7	43.0	0.3	54	0.3	67	5	74	3
37319	43.0	43.6	0.6	2.5	0.1	102	3	58	2
37320	43.6	44.6	1	2.5	0.1	101	2	71	1
37321	44.6	44.8	0.2	13	0.6	187	7	97	2
37322	44.8	45.3	0.5	2.5	0.2	108	3	80	1
37324	81.67	82.18	0.51	21	0.1	10	4	65	1
37325	82.18	82.67	0.49	415	1.2	35	5	61	2
37326	82.67	83.6	0.93	213	0.8	63	3	62	1
37327	83.6	84.2	0.6	10	0.2	96	3	70	1
37328	84.2	85.2	1	247	0.8	106	6	91	2
37329	85.2	86.2	1	209	0.8	53	5	54	1
37330	86.2	87.0	0.8	273	0.9	8	5	59	1
37331	87.0	87.5	0.5	177	0.6	10	4	48	2
37332	87.5	88.35	0.85	839	2.9	16	67	97	1
37333	88.35	89.2	0.85	16550	63.5	266	1590	106	3
37334	89.2	90.0	0.8	282	1.3	38	19	80	1
37335	90.0	91.0	1	137	0.6	35	8	57	2
37336	91.0	92.0	1	90	0.5	58	33	72	2
37337	92.0	93.0	1	14	0.4	46	86	103	1
37338	93.0	94.0	1	11	0.2	79	4	85	2
37339	112.44	112.73	0.29	7	0.3	59	4	102	2
37340	118.74	119.22	0.48	5	0.2	75	31	147	1
37341	119.22	119.78	0.56	9	0.4	87	6	125	2
37342	119.78	120.21	0.43	15	0.4	92	2	109	1
37343	120.21	121.2	0.99	8	0.3	89	4	99	1
37344	121.2	121.8	0.6	7	0.4	94	2	87	1
37345	121.8	122.5	0.7	335	1.6	57	7	97	2
37346	122.5	123.0	0.5	533	3.9	83	8	73	1
37347	123.0	123.8	0.8	511	3.2	18	10	117	1
37348	123.8	125.6	1.8	141	0.8	42	7	116	56
37349	125.6	126.6	1	13	0.5	77	6	138	5
A0862501	126.6	127.0	0.4	56	1.3	230	7	143	27

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From	To	Lithology		Comments
Mineralization		***Type/Style/%Mineral***		***Comments***
2.87	34.0	Ox	FR 2%	
2.87	34.2	SUL	D 1%	
34.2	34.5	SUL	FR 2%	
34.5	200.0	SUL	D 2%	
40.0	40.7	Ox	FR 1%	
58.0	59.0	Ox	FR 2%	
63.0	63.8	Ox	FR 1%	
82.18	85.2	DOC	Bl 2%	Mineralization (Q22) consists on disseminated and locally blebby pyrite hosted in oxidized core. Fractures may be coated in galena creating the dark grey fractures.
87.51	89.5	Ox	FR 2%	
90.5	93.0	Ox	FR 1%	
112.22	112.38	Ox	FR 2%	Oxidized breccia.
119.26	119.35	Ox	FR 3%	Oxidized quartz vein hosting 3% disseminated pyrite.
121.46	130.38	DOC	FR 2%	Mineralization related to the Q17 vein. Most mineralization is related to oxidized fractures with minor quartz veins.
132.0	132.16	Ox	FR 1%	Unable to visually identify sulphides.
135.6	136.0	Ox	FR 1%	
145.2	145.9	Ox	FR 2%	Rusty fractures.
152.44	152.8	Py	FR 5%	Blebby disseminated vein controlled fractures. The pyrite crystals are euhedral up to 1 mm in diameter.
145.9	146.05	Py	FR 1%	Blebby disseminated vein controlled fractures. The pyrite crystals are euhedral up to 1 mm in diameter.
Structure		***Type/Intensity***		***Comments***
21.0	36.0	F	W	Weak to moderately fractured mafic volcanic rock.
36.0	52.0	F	S	Broken up core with oxidized sulphides on fracture surfaces. Disseminated and foliation controlled fresh sulphides of mostly pyrite on core surface.
52.0	52.5	F	In	Rubbly core with fragments from 0.1 to 1 cm in diameter.
52.5	58.0	F	S	Blocky core.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862502	127.0	127.5	0.5	2.5	0.2	81	4	91	1
A0862503	127.5	128.4	0.9	10	0.3	66	4	75	6
A0862504	128.4	129.0	0.6	25	0.6	120	5	95	20
A0862505	129.0	129.66	0.66	2.5	0.2	112	5	104	3
A0862506	129.66	130.34	0.68	2.5	0.1	112	3	112	1
A0862507	130.34	131.0	0.66	2.5	0.1	128	5	104	1
A0862508	131.95	132.2	0.25	21	0.5	134	4	98	1
A0862509	133.6	134.3	0.7	129	0.4	110	17	117	1
A0862510	135.6	136.0	0.4	5	0.3	135	6	116	1
A0862511	136.0	137.0	1	62	0.3	96	14	123	1
A0862512	145.0	145.86	0.86	37	0.4	129	16	102	1
A0862513	152.45	152.8	0.35	198	0.6	162	21	99	1

Project: Doc Project **Hole Number:** DC-20-03

From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
58.1	58.3	G	In	Fault gouge with associated rust mineraliztion. Gouge occurs at 85 DTCA.									
58.3	59.0	F	In	Rubbly core with fragments from 0.1 to 5 cm in diameter.									
66.0	68.7	F	M	Blocky Core.									
68.7	82.18	VL	M	Weak to moderate quartz carbonate stock work veins.									
82.67	83.5	G	In	1 cm wide fault gouge occurring at 15 dtca.									
83.5	85.2	F	W	Blocky core.									
87.51	88.2	She	M	Moderate ductile shearing with moderate rust alteration.									
88.2	88.35	G	In	Gouge occurring 40 DTCA.									
88.35	88.65	Vqtz	In	Brecciated bull white quartz vein hosting disseminated pyrite and possibly galena coated fractures.									
88.65	89.2	Bc	In	Intensity broken core and significant core loss. Core is broken into mm-scaled fragments.									
70.0	70.14	Vqtz	S	8 cm wide dirty quartz vein cutting core at 50 DTCA. The vein is offset by a mm-scaled with dextral movement.									
100.0	107.0	Bc	S	Strongly broken and blocky core. Local narrow gouge can be seen on fracture surfaces.									
112.22	112.38	BX	S	Oxidized breccia. The breccia hosts sub-rounded quartz fragments from 0.1 to 2 cm in diameter. The matrix is completely oxidized to rusty orange.									
121.45	126.65	STK	M	Carbonate (with minor quartz) stockwork with mm-scaled veinlets.									
126.65	127.0	G	W	Minor oxidized fault gouge occurring adjacent to a white quartz vein.									
127.0	135.0	STK	W	Stockwork fractured core. Fractures host carbonate with epidote/sericite occurring locally.									
135.0	140.73	Bc	W	Weak to moderately broken core.									
152.45	152.8	VN	M	Ladder quartz veins with associated pyrite mineralization.									
144.9	145.6	Bc	S	Blocky and broken core with rusty mineralization.									
153.0	162.0	Bc	M	Blocky core.									

Project: Doc Project **Hole Number:** DC-20-03

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
9	Fol	60				
6.8	F	10				Carbonate cemented hairline fracture.
9.1	F	30				
18	Lam	60				
20.8	Bed	30				
22.5	Fol	5				
25	Fol	25				
22.4	F	80				Quartz carbonate cemented fracture.
28	Fol	20				
29.2	Vqtz	70				Boudinaged quartz veinlet 1 cm wide.
29.5	Fb	15				
30.5	Fol	18				Foliation controlled strong oxidation.
32.5	F	30				Fractures with carbonate cement and 1 cm chlorite halo.
35.1	Vqtz	2				Quartz veinlet with actinolite crystals growing within and carbonate on the margins.
38.2	F	30				Rusty fracture
42.9	Fol	80				Intense rust zone 10 cm wide with disintegrated focus.
44.6	Vqtz	75				Boudinaged quartz veinlet with intense sulphide oxidation both HW and FW.
43.9	F	15				Carbonate cemented stockwork fracturing throughout.
50.75	Fol	25				
52.1	Vqtz	50				
58.13	G	85				
62.6	Fol	25				
72.8	Fol	45				
73.45	Vqtz	70				
80.85	Fol	60				
83	G	10				
88.2	G	40				
92	Fb	0				
98	Fol	40				
112.3	BX	60				

119.3	Vqtz	80
117.24	G	60
121.48	G	60
122.4	Fol	40
125.8	Vqtz	60
126.7	G	25
126.85	Vqtz	50
129.7	BX	70
135.9	F	40
134.1	STK	75
141.26	Vqtz	90
145.95	Vqtz	60
147.86	Flt	20
152.5	Vqtz	60
152.68	Vqtz	50
157	Fol	50

Geotech

From	To	Recovery	Recovery %	Comments
2.87	3	0.3	230.77	
3	6	1.57	52.33	Broken
6	9	2.8	93.33	Broken
9	12	2.15	71.67	Broken
12	15	2.28	76	Broken
15	18	2.44	81.33	Broken
18	21	2.3	76.67	Broken
21	24	2.85	95	Badly broken.
24	27	3.36	112	Long run???
27	30	2.24	74.67	Broken
30	33	2.87	95.67	Broken
33	36	2.98	99.33	Broken
36	39	2.63	87.67	Broken
39	42	3	100	Badly Broken Sections

Project: Doc Project **Hole Number:** DC-20-03

42	45	2.69	89.67	Badly Broken
45	48	2.69	89.67	
48	51	2.88	96	Broken zone
51	54	2.18	72.67	Badly broken
54	57	2.34	78	Broken
57	60	1.5	50	Broken & Faulted
60	63	1.81	60.33	Ground Core Marker
63	66	2.92	97.33	
66	69	2.46	82	Broken Zone
69	72	2.97	99	
72	75	3.03	101	
75	78	3.02	100.67	
78	81	2.99	99.67	
81	84	2.66	88.67	Faulted/Broken
84	87	2.33	77.67	Faulted/Broken
87	90	2.5	83.33	Faulted/Altered
90	93	3	100	Altered

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-04

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-06-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**		**Easting:**	410,142
Actual depth:	92.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,751
Target:						**Elevation:**	1,273

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	215	215	-60	
17	Reflex Hanstone	192.8	210.8	-61.3	
71	Reflex Hanstone	192.1	210.1	-61.5	
92	Reflex Hanstone	193.6	211.6	-61	

From	To	Lithology
0	**0.41**	**CAS - Casing**
0.41	**92**	**MV - Mafic Volcanic**

Dark green fine grained mafic volcanics with weak foliation.

Dark green pervasive chlorite alteration with frequent fractures coated in limonite and rust staining. Strong rust staining at 7.45 m on 2.5 cm fault surface. Fracture controlled carbonate alteration common throughout unit. Weak pervasive silicification.

Fault zone at 7.45 m with strong associated oxide stains oriented 75 DTCA and parallel to foliation. Quartz and quartz carbonate veinlets and stringers are commonly oriented parallel to the foliation at 70 to 80 DTCA. Core becomes really broken up below 15.27 m within a fault zone with gouges at 20.5 and 21.8 m. Moderate limonite common on fractures throughout zone.

Target Q17 quartz vein intersected at 73.00 - 77.00 m with increased related silicification at 59.00 - 73.00 m. Main HW shear zone begins about 70.00 m extending to ~79.00 m FW to the Q17. Disseminated pyrite mineralization increases with the silicification up to 2% with stringers and veinlets of quartz containing blebby pyrite. The quartz vein itself contains dark orange gouge on both contacts. The FW contact gouge is ~20 cm wide (exact width can't be measured) and has fragments of quartz with dark orange to black matrix containing massive pyrite and specularite +/- galena. QV is oriented at 20 DTCA. Quartz within the vein is fractured with orange sulphides precipitated within fractures throughout the entire width.

Trace disseminated pyrite visible in the mafic volcanics from top of the unit to 59.00 m above the mineralized zone. Trace sulphides continue below 83.00 m to the end of the hole at 92.0 m

Alteration	*Type/Style/Intensity*			*Comments*
0.41 - 73.0	Chl	Pv	M	
0.41 - 73.0	Cal	FV	W	
0.41 - 70.0	Rs	FV	M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867569	7.3	7.6	0.3	3.2	0.7	124.2	68.1	164	5.4
A0867570	20.4	21.0	0.6	3.4	0.3	67.9	4.9	99	2.7
A0867571	21.0	22.0	1	6.4	0.7	73	18.7	128	10
A0867572	58.0	59.0	1	874.3	1.6	37	12.8	65	0.8
A0867573	62.0	63.0	1	10.4	0.3	27.8	4.6	80	1.3
A0867574	63.0	64.0	1	34.4	0.3	17.1	7.9	85	0.9
A0867575	64.0	65.0	1	235.7	1.1	33.7	9.1	69	0.8
A0867576	65.0	66.0	1	88.3	0.4	27.5	6.3	72	0.7
A0867577	66.0	67.0	1	95.8	0.6	50.9	27.4	150	1.1
A0867578	67.0	68.0	1	20	0.4	45.9	7.1	100	1.4
A0867579	68.0	69.0	1	19.3	0.5	70.2	43.2	128	1.1
A0867580	69.0	69.48	0.48	36.3	0.5	120.6	6.4	78	0.8
A0867581	69.48	70.2	0.72	336.1	1.4	111.7	9.2	85	1.1
A0867582	70.2	71.0	0.8	408.4	1.6	69.4	7.9	75	0.8
A0867583	71.0	71.85	0.85	1775.3	6.7	83.6	21.2	83	0.9
A0867585	71.85	72.3	0.45	3222.5	13.2	105.4	59.8	125	1
A0867586	72.3	72.9	0.6	3274.4	19	262.6	266.4	106	0.9
A0867587	72.9	73.5	0.6	64697.4	100	416	1883.7	82	1.1

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-04

From	To	Lithology	
0.41	59.0	Si P W	
59.0	73.0	Si Pv S	Strong pervasive silicification appearing HW to the main Q17 quartz vein. Zone is heavily fractured with increased sulphides appearing on fractures and disseminated within the host rock.
70.0	77.5	Rs FV S	Strong orange to dark orange, structurally controlled rust staining in fractures and within gouges associated with the quartz vein.
77.5	92.0	Cal FV W	
77.5	92.0	Chl Pv M	
69.48	71.85	Ser B M	Moderate sericite alteration on the HW of the Q17 associated with heavily disseminated fine grained pyrite.

Mineralization	*Type/Style/%Mineral*	*Comments*
0.41 - 59.0	Py D 0.1%	
7.45 - 7.55	Ox FR 2%	
59.0 - 70.0	Py D 2%	Disseminated pyrite increasing with silicification on HW of Q17 vein.
70.0 - 73.0	Ox D 10%	Heavily disseminated oxidized sulphides proximal to Q17.
73.0 - 73.5	Ox FR 15%	Strong oxides in HW contact gouge to Q17.
73.5 - 76.3	Ox FR 10%	Strong sulphides in fractures and on local shearing within Q17 quartz vein. Sulphides are all oxidized out within vein.
76.3 - 77.0	Ox FR 35%	~ Sheared FW contact of Q17 vein with intense dark orange to black sulphides within broken gouge. Gouge also contains specularite.
77.0 - 77.5	Ox FR 5%	Weak shearing compared to above still with structurally controlled and disseminated orange sulphides up to 5%.
77.5 - 89.0	Py D 1%	Trace to 1% disseminated sulphides in competent mafic volcanic host rock.

Structure	*Type/Intensity*	*Comments*
15.27 - 67.7	Flt S	Strong fault zone with several gouges. Oxidized limonite staining on fractures and throughout the host rock. Interval is significantly broken up with local core loss up to 30% of the unit. Fractures commonly oriented sub parallel to the core axis ~20 DTCA
67.7 - 73.0	She S	Sheared HW contact of the Q17 quartz vein. Oriented at 20 DTCA.
73.0 - 77.0	Vqtz In	Q17 quartz vein with intense oxidized fracturing.
76.3 - 77.0	G In	Massive oxidized sulphides within the gouge. Interval is broken up with specularite.
77.0 - 77.6	She In	Oriented at 20 DTCA. Sheared FW of the Q17 quartz vein. Ground conditions significantly improve below this zone.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867588	73.5	74.5	1	448.8	2.1	28.9	62.1	5	0.9
A0867589	74.5	75.5	1	284.3	1.9	31.4	82.5	5	0.6
A0867590	75.5	76.3	0.8	494.6	4	134.2	334	13	1
A0867591	76.3	77.0	0.7	18649.2	76.9	920.9	641.4	43	1.1
A0867592	77.0	77.6	0.6	1615.3	7.1	401.3	137.5	78	1.5
A0867593	77.6	78.2	0.6	229.7	0.9	166.5	13	77	0.25
A0867594	78.2	79.0	0.8	73.6	0.6	142.2	8.6	93	0.25
A0867595	79.0	80.0	1	14.1	0.4	105.9	4.1	117	0.25

Project: Doc Project **Hole Number:** DC-20-04

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
3.8	Fol	70				
7.45	Flt	70				3 cm wide fault zone with intense red rust staining
10	Fol	69				
15.4	Vqtz	70				1 cm wide rusty qv
20.5	G					gouge undefined orientation and thickness
21.8	G					gouge undefined orientation and thickness
28	F	30				
36	F	20				Fracture with limonite coating.
38.8	Fol	70				
53.5	Fol	75				
47.7	F	20				LIMONITE COATING
62	Fol	52				
71.1	She	31				Shear proximal to Q17 with heavy disseminated sulphides.
69	Col	50				
76.3	Flt	33				Faulting on lower contact of Q17 vein.
76.7	G	24				Gouge with significant oxidized massive mineralization. Specularite also present.
73	She	22				Upper sheared contact of Q17 quartz vein. Intense limonite and oxidization.
77.77	Fol	15				
84.9	Fol	55				
83.66	F	12				
89.4	Fol	55				

Geotech

From	To	Recovery	Recovery %	Comments
0.41	5	4.3	93.68	
5	8	2.73	91	
8	11	3	100	
11	14	2.5	83.33	
14	17	2.5	83.33	
17	20	2.56	85.33	

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20	23	2.35	78.33	
23	26	2.95	98.33	
26	29	2.91	97	
29	32	2.28	76	
32	35	2.1	70	
35	38	2.3	76.67	
38	41	2.95	98.33	
41	44	3	100	
44	47	2.1	70	
47	50	2.85	95	
50	53	2.88	96	
53	56	2.76	92	
56	59	2.88	96	
59	62	2.77	92.33	
62	65	2.98	99.33	
65	68	2.5	83.33	
68	71	3.01	100.33	
71	74	3.08	102.67	
74	77	2.95	98.33	
77	80	2.6	86.67	
80	83	0	0	Adit void
83	86	2.57	85.67	
86	89	2.9	96.67	
89	92	2.7	90	

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-05

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-08-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-10-2020	**Easting:**	410,142
Actual depth:	143.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,751
Target:						**Elevation:**	1,273

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	215	215	-75	
20	Reflex Hanstone	194.4	212.4	-72.7	
70	Reflex Hanstone	190.4	208.4	-72.5	
122	Reflex Hanstone	183.7	201.7	-72.3	

From	To	Lithology
0	**9**	**CAS - Casing**
9	**143**	**MV - Mafic Volcanic**

Grey to greenish grey, fine grained and weakly foliated mafic volcanic rock. Sporadic 5 - 20 cm aplite bands present above 29.00 m. Weak to moderate pervasive chlorite alteration. Dark brown oxide commonly coating fracture surfaces. Frequent stockwork carbonate fracturing throughout the unit. Weak to locally moderate silicification appearing below 24.00 m and extending to *. Minor structurally controlled sericite around aplite dykes. Unit is blocky from casing to 53 m with 1-3 m zones of broken core due to increased sulphide coated fracturing. Quartz veinlets oriented at 45 DTCA. Stockwork carbonate fracturing is ubiquitous throughout the unit. Open fractures coated with dark red to brown oxide. Foliation through steepens between 26 and 42 m to 35 DTCA. Foliation is otherwise consistent at 45-65 DTCA to ~129.5 m. Fault zone from 126 to 128.15 m. Foliation shallower below fault zone ~30 DTCA from 128.15 to 130.40 m. Fault gouge at 130.4 m below which strong shearing and weak to mod fracturing is present to ~135.8 m. Fault zone from 135.8 to 138.05 m. Weak to locally moderate fracturing from 138.05 to EOH at 143 m. Trace disseminated pyrite mineralization through the unit to where silicification increases at 54.10 m. Sulphides increase in concentration with moderate to locally strong patchy silicification down to 78.10 m where core becomes broken up and core loss becomes locally significant. Specularite appears between thin fractures from 60.00 - 61.10 m. Up to 5 cm wide quartz veining with carbonate is common throughout the silicified zone with up to 3% pyrite. Trace disseminated py above 129.83 m with weak local (1-3%) structurally controlled py below to 132.23 m. Well mineralized to semi massive py from 132.23 to 134.40 m, disseminated to stringer py persists to approx 136 m. Trace gal associated with qtz carb veining observed at 125.35 m and with tr cpy at 135.6 m.

Alteration	*Type/Style/Intensity*	*Comments*
9.0 - 143.0	Chl Pv M	
9.0 - 143.0	Rs FV W	
128.0 - 136.0	Carb FV M	Moderate to locally strong stockwork carbonate veining. Locally strong carb hosted in hydraulic bx. Also occurs as cm aggregates.
129.9 - 133.25	Chl P M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867596	41.0	41.63	0.63	28.9	2.9	964.6	7.5	91	7.1
A0867597	54.1	55.1	1	6.2	0.2	39.2	1.7	106	2.5
A0867598	55.1	56.1	1	3.2	0.2	37.7	7.4	63	1.7
A0867599	56.1	57.1	1	653.9	4.6	107.9	180.9	91	1.5
A0867600	57.1	58.1	1	107.1	0.8	50.3	152.1	114	1
A0867601	58.1	59.1	1	0.25	0.2	26.2	12.8	39	1.3
A0867602	59.1	60.0	0.9	5.6	0.3	22.6	102.8	63	0.7
A0867603	60.0	60.6	0.6	6	0.2	17.4	5.1	82	0.9
A0867604	60.6	61.6	1	4.6	0.1	13.2	6.3	77	0.25
A0867605	61.6	62.6	1	422.3	1.5	29.4	6.6	50	0.6
A0867606	62.6	63.6	1	6	0.1	25.1	3.9	76	0.7
A0867607	63.6	64.6	1	24.6	0.2	28.5	17.6	45	0.25
A0867608	64.6	65.6	1	5.7	0.2	37.2	13.1	66	1.1
A0867609	65.6	66.28	0.68	77.2	0.5	42.7	15.2	61	0.7
A0867611	66.28	67.0	0.72	36.4	0.3	42.2	7.3	71	0.8
A0867612	67.0	68.0	1	20.1	0.3	44.4	7.2	79	0.8
A0867613	68.0	68.64	0.64	33.1	0.6	69.9	153.7	107	1.2
A0867614	68.64	68.88	0.24	497.7	2	38.1	49.3	67	1

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-05

From	To	Lithology		
129.9	136.0	Ser	P	M
130.2	136.0	Si	Pv	S
130.4	137.0	Rs	FV	S
9.0	24.4	Ser	FV	W
24.4	54.1	Si	P	M
54.1	78.1	Si	P	S
61.9	78.1	Ser	FV	M

Moderate pervasive with local strong silicification / quartz flooding. Strong silicification associated with shearing and py mineralization.

Weak sericite around aplite dykes.

Strong silicification throughout interval with common oxide coated fracture surfaces, quartz veinlets less than 5 cm wide, and stringers qtz carbonate. Sulphide mineralization increases linearly with increasing silicification. Blebby sulphides in qtz VL.

Local moderate sericite alteration around select quartz veinlets. Increased disseminated sulphides within sericite altered halos +-fine grained galena and specularite.

Mineralization	***Type/Style/%Mineral***			***Comments***
9.0	60.0	Py	Bed	0.1%	Trace disseminated pyrite throughout interval.
60.0	68.64	Py	D	1%	Patchy disseminated sulphides throughout silicified zone, increasing with degree of silicification.
68.64	68.88	Py	FR	2%	Blebby and disseminated pyrite within sericitized quartz veinlet with carbonate on contacts.
68.88	72.9	Py	D	1%	Disseminated pyrite mineralization within host rock up to 1%
72.9	73.5	Py	FR	2%	Blebby pyrite within 10 cm wide quartz vein with dark chlorite rim. Moderate associated sericite halo for min of 10 cm on HW and FW.
73.5	77.8	Ox	FR	1%	Oxidized sulphides on fractures and within host rock/adjacent to quartz veining.
77.8	109.1	Py	D	0.1%	Trace disseminated pyrite +- minor pyrrhotite within mafic volcanic unit.
109.1	109.5	Ox	FR	3%	Oxidized shearing at 20 DTCA. Two small shears parallel to each other have oxidized halos ~3 cm thick each.
109.5	133.03	Py	D	0.1%	Trace disseminated py
125.33	125.35	Gn	FR	3%	Weak gal and py associated with 5-25mm wide fracture fill qtz carb vein at 60 dTCA
130.03	130.37	Py	D	2%	Fine to medium grained py associated with alteration halo early faulted cm scale qtz carb veining.
130.37	130.6	Py	FR	1%	Disseminated / wispy py and mag in hydraulic carb qtz bx. truncated by gouge
130.6	132.24	Py	D	1%	Trace disseminated py with bands of diss 2-5% py from 131.65 to 131.95 m.
131.65	137.0	Ox	FR	5%	Oxidation on fractures and locally penetrating 1-3cm into host rock. Vuggy oxidation at approx 136 m.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867615	68.88	69.2	0.32	25.4	0.6	109.3	70.2	132	0.7
A0867616	69.2	70.0	0.8	9.1	0.2	37.2	9.4	73	0.8
A0867617	70.0	70.9	0.9	25.8	0.3	81.1	4.3	63	1
A0867618	70.9	71.9	1	5.5	0.3	79.9	4	106	1.7
A0867619	71.9	72.9	1	9.1	0.4	73.1	6.1	83	2.6
A0867620	72.9	73.5	0.6	373.3	1.5	64.1	11.1	105	1.4
A0867621	73.5	74.5	1	67.9	0.5	57.6	19.2	97	1.3
A0867622	74.5	75.0	0.5	54.8	0.7	128	10.9	111	1.8
A0867623	75.0	76.0	1	39	0.9	147.9	145.8	144	1.5
A0867624	76.0	77.0	1	7.2	0.4	84	11.8	117	1.9
A0867625	77.0	77.8	0.8	5.2	0.3	41.5	2.5	67	0.9
A0867626	77.8	78.1	0.3	12.4	0.3	52.4	5.4	63	0.8
A0867627	109.1	109.5	0.4	8.5	0.4	118	4.8	78	4.8
A0867628	113.5	114.1	0.6	41.3	1.1	124.4	24.1	101	1
A0867629	114.1	114.65	0.55	2.1	0.3	75.3	3.4	81	0.9
A0867630	114.65	115.2	0.55	0.25	0.2	77	2.7	92	0.8
A0867631	129.16	129.83	0.67	113.9	0.6	92	10	269	0.9
A0867632	129.83	130.43	0.6	475.8	2.1	260.5	28.5	192	1.2
A0867633	130.43	131.23	0.8	14.9	0.4	51.1	13.3	164	0.7
A0867634	131.23	132.23	1	1181.3	4.2	144.3	25.6	158	0.7
A0867635	132.23	133.23	1	6414.8	21.3	50.3	168.5	136	0.8
A0867636	133.23	133.65	0.42	57046.9	100	75.4	586.9	104	1.5
A0867637	133.65	134.4	0.75	53916	100	140.7	894.5	109	2.1
A0867638	134.4	135.22	0.82	5585.9	24.8	80.8	435.6	87	1.1
A0867639	135.22	136.0	0.78	12255.4	44.8	303	1099.1	141	2
A0867641	136.0	137.0	1	2700.3	12.1	113.5	68.4	146	0.9
A0867642	137.0	138.0	1	18.5	0.3	82.8	8.5	115	0.25
A0867643	138.0	139.0	1	16.9	0.3	110	7	104	0.25
A0867644	139.0	140.0	1	11.2	0.3	111.2	32.6	117	0.25

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
132.24	134.63	Py SM 30%	5 -60% disseminated to semi massive medium to coarse grained pyrite. Commonly banded and/or foliation controlled. Mineralization is strongest (40-60%) from 133.2 to 134 m.										
134.63	136.0	Py D 5%	Disseminated fine to medium grained py. Generally fabric / fracture controlled										
135.22	135.88	Ccp Bl 0.2%	Small clots										
135.22	135.88	Gn Bl 0.2%	Small clots										
136.0	143.0	Py D 0.1%	Sporadic trace disseminated										
Structure		***Type/Intensity***	***Comments***										
9.0	53.0	F M	Blocky core throughout zone as a result of brittle fracturing. Open fractures through zone carry brown oxidized sulphides.										
26.0	42.0	She W	Very weak shear zone.										
62.0	62.2	VL W	Narrow quartz stringer zone with associated sulphide mineralization and sericitization.										
62.2	78.1	F M	Fracturing and blocky core within moderate to strongly silicified zone. Sericitized quartz veinlets common with associated pyrite mineralization.										
78.1	109.1	F M	Moderate fracturing through blocky core zone. Interval characterized by mostly background chlorite and carbonate alteration with minor silicification.										
109.1	109.5	She M	Small shear zone with two shears carrying oxidized mineralization oriented approx 20 DTCA.										
113.5	115.2	Flt M	Fault zone with gouge between 114.1 - 114.4 m. Zone is characterized by up to 1% oxidized sulphides and grey clay matrix. Interval is broken up.										
126.0	128.15	Flt M	Fault zone with broken blocky core, locally rubble.										
128.05	128.15	G In	Rusty brown green gouge										
130.2	130.45	BX S	Hydraulic / crackle bx. ~25 TCA weakly mineralized with py + mag. Carbonate and qtz fill.										
130.45	130.5	G M	Fault gouge. Dark dirty green clay and rubble										
130.5	136.0	She S	Mineralized shear zone. Foliation generally 0-30 TCA. Weak to moderate fracturing locally.										
136.0	138.15	Flt M	Fault zone. Blocky / rubbly core with several clay rich gouge zones. Competent core from 137.47 to 137.92 m.										
138.15	143.0	F W	Weak to moderate fracturing / broken core. Possible weak gouge at 142.2 m.										

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
16.6	Fol	65				
16.7	Dyk	55				
22	Fol	60				
25.95	Dyk	46				
26.3	Fol	35				
28.9	Fol	45	100			
35.8	Fol	40				
41.1	Flt	50				Fault zone oriented at 50 DTCA with dark red oxidized sulphides.
45.8	G	60				5 cm thick grey clay gouge.
46.7	Fol	60				
49.1	Fol	55				
53	Fol	60				
55.9	Fol	60				
62	Vqtz	35	318			Qtz stringers parallel to foliation with sericite alteration, disseminated pyrite +-galena and.
62.1	Fol	34	318			
66.1	Vqtz	35				Quartz veinlet ~3 cm wide with sericite and pyrite mineralization and carbonate on veinlet contacts.
68.7	Vqtz	35				Quartz veinlet ~1 cm wide with carbonate on contacts and associated sericite/pyrite.
70	Fol	35				
73.4	Vqtz	35				10 cm wide quartz vein with dark chlorite rim and sericite halos extending for 10 cm in each direction. Increased associated pyrite mineralization.
78	Vqtz	55				Qtz stringer with sercite halo and increased pyrite mineralization in the ferric and fresh form. Significant core loss through area likely on both sides of this structure.
90	Fol	55				
97.6	She	38				5 cm shear zone with associated minor oxide stains.
101	Fol	55				
107	Fol	46	332			
109.2	She	20				1 of 2 shears oriented parallel to each other with moderate oxide staining ~5 cm wide.
109.3	She	20				2 of 2 shears with oxide staining for 3 cm.
114.2	G	80				Gouge oriented at roughly 80 DTCA. Broken up and hydrothermally altered. Minor associated oxidized sulphides.

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121.8	Fol	48		
125.2	Fol	45		
125.33	Vqtz	60		5-25mm wide vein with gal and py
128.15	G	47		lower contact of gouge
133.4	BAN	25	340	semi massive pyrite banding

Geotech

From	To	Recovery	Recovery %	Comments
9	11	1.99	99.5	
11	14	1.5	50	
14	17	2.65	88.33	
17	20	3	100	
20	23	3.07	102.33	
23	26	3.05	101.67	
26	29	2.82	94	
29	32	3.05	101.67	
32	35	2.73	91	
35	38	3	100	
38	41	2.88	96	
41	44	2.95	98.33	
44	47	2.95	98.33	
47	50	3.1	103.33	
50	53	2.55	85	
53	56	3.11	103.67	
56	59	2.99	99.67	
59	62	3	100	
62	65	2.7	90	Adit void
65	68	2.95	98.33	
68	71	2.79	93	
71	74	2.4	80	
74	77	2.49	83	
77	80	0.98	32.67	Broken
80	83	1.7	56.67	Broken

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83	86	2.45	81.67	Broken
86	89	2.38	79.33	Broken
89	92	2.7	90	Broken
92	95	3.05	101.67	Broken
95	98	2.95	98.33	Badly broken.
98	101	1.97	65.67	Long run???
101	104	3.01	100.33	Broken
104	107	2.82	94	Broken
107	110	2.95	98.33	Broken
110	113	2.98	99.33	Broken
113	116	2.8	93.33	Badly Broken Sections
116	119	2.89	96.33	Badly Broken
119	122	2.65	88.33	
122	125	2.86	95.33	
125	128	2.7	90	
128	131	2.95	98.33	
131	134	3.08	102.67	
134	137	2.6	86.67	
137	140	3.04	101.33	
140	143	3.3	110	

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-06

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**		**Drilling started**		**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**		**Easting:**	410,142
Actual depth:		**Logged by:**		**Drilling contractor:**		**Northing:**	6,244,751
Target:						**Elevation:**	1,273

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	225	225	-70	
20	Reflex Hanstone	205.1	223.1	-69.1	
80	Reflex Hanstone	199.6	217.6	-69	
149	Reflex Hanstone	198.2	216.2	-69.4	

From	To	Lithology
0	**1.5**	**CAS - Casing**
1.5	**40.3**	**MV - Mafic Volcanic**

Medium gray, fine grained, locally bedded, weakly foliated to massive mafic volcanic. Lower contact is faulted.

Broken, locally blocky core from casing to 51.8 m. Fault gouge material present from 31.75 to 31.9 m, and from 38.9 to 39.15 m.

Pervasive weak chlorite. Patchy nodular and fracture fill carbonate. Patchy moderate silicification throughout. Weak rusty fracture coatings occur sporadically throughout.

Trace fine grained disseminated py occurs sporadically throughout. Veinlet controlled cpy observed from 13 to 13.5 m. Moderate oxidiation from 8.3 to 9.0 m, patchy from 17.5 to 25 m.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867645	12.0	13.0	1	23.8	0.5	188.4	4.4	78	1
A0867646	13.0	13.5	0.5	41.1	8.7	1717.3	14.7	123	0.25
A0867647	13.5	14.0	0.5	6.4	0.3	98.4	2.3	72	0.9
A0867648	14.0	15.0	1	2.2	0.2	100.9	2.4	64	0.9
A0867649	15.0	16.0	1	7.7	0.2	87.7	2.3	54	1
A0867650	16.0	17.0	1	1.9	0.2	82.2	5.9	60	2.2

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 40.5	Si P M	
1.5 - 149.0	Carb P M	

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From	To	Lithology
40.3	64	**MV - Mafic Volcanic**

Medium to dark grey, fine grained, strongly silicified, bedded mafic volcanics. Distinct bedding at approximately 60 dTCA. Lower contact faulted.

Fragment rich, weakly mineralized, vein quartz vein from 60.75 to 61.15 m at approx. 35 DTCA. Vein alteration halo with vuggy strong hydrothermal alteration extends from 60.51 to 62 m.

Upper contact marked by hydraulic bx with pink red hm filled fractures. Broken / blocky core to ~51.8 m below which core is fairly competent to 60.51 m. Altered / veining zone from 60.51 to 62.0 m is moderately fractured. Blocky / rubble fault zone from 62 to 68.7 m. Possible fault gouge at 65.9 m.

Strong silicification throughout. Patchy moderate fracture and bedding controlled Fe staining. Weak to moderate structurally and bedding controlled, patchy to locally pervasive, chlorite + epidote from 52.7 to 60.51. Strong hydrothermal alteration, moderate sericite + moderate oxidation (+ strong potassic?), from 60.51 to 62.5 m.

Trace disseminated fine grained py occurs sporadically throughout. Slight increase in py abundance below 55 m, occuring as thin fine grained veinlets and disseminated. Weak (2%) disseminated medium grained py from 60.51 to 62 m.

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 40.5	Si P M	
40.5 - 60.5	Si Pv S	
1.5 - 149.0	Carb P M	
52.0 - 60.5	Chl B M	Bedding controlled and frac/ vein controlled chl + ep
52.0 - 60.5	Ep B M	

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 55.0	Py Tr 0.1%	Trace disseminated py
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
13.0 - 13.5	Ccp Tr 1%	Trace clots of cpy.

Structure	*Type/Intensity*	*Comments*
1.5 - 51.8	Bc M	
31.75 - 31.9	G W	
38.9 - 39.15	G W	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867651	51.0	52.0	1	1.9	0.3	73.3	1.1	200	0.7
A0867652	52.0	53.0	1	22.7	0.6	71.2	8.8	140	0.7
A0867653	53.0	54.0	1	3.4	0.4	100.9	3.3	91	0.7
A0867654	54.0	55.0	1	9.9	0.3	63.2	3.2	94	2.6
A0867655	55.0	56.0	1	6.9	0.2	37.6	2.5	72	2.8
A0867656	56.0	57.0	1	3.8	0.2	29.4	2	62	1.7
A0867657	57.0	58.0	1	92.3	0.8	70.2	95.3	71	0.9
A0867658	58.0	59.0	1	33.9	0.3	23.7	6.1	67	1.6
A0867659	59.0	60.0	1	6	0.3	24.1	10.6	101	1.9
A0867660	60.0	60.5	0.5	5.8	0.3	26	16.3	76	1.1
A0867661	60.5	60.8	0.3	636	2.4	22.8	42.9	37	1.3
A0867662	60.8	61.1	0.3	1225.8	4.2	19.2	15.3	22	1.7
A0867663	61.1	61.55	0.45	2718.9	9.6	43.3	17.3	42	0.7
A0867664	61.55	62.0	0.45	1582.2	5.8	61.5	22.1	39	0.9
A0867665	62.0	63.5	1.5	234	1.1	48.3	60.4	73	1
A0867666	63.5	65.0	1.5	8.5	0.7	22.6	13.3	64	0.7

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From	To	Lithology
60.5 - 64.0		K FV S
60.5 - 62.0		Ser FV M
60.5 - 62.0		Hem FV M
60.5 - 64.0		Carb FV M
60.5 - 119.3		Si P M

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 55.0	Py Tr 0.1%	Trace disseminated py
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
55.0 - 60.15	Py D 0.5%	Fine grained trace disseminated py. Locally as small fabric controlled veinlets / stringers.
60.15 - 62.0	Py FR 2%	Vein controlled medium grained disseminated py. Associated with late cross cutting veinlets.
62.0 - 149.0	Py Tr 0.1%	Sporadic trace disseminated py

Structure	*Type/Intensity*	*Comments*
1.5 - 51.8	Bc M	
60.5 - 62.0	Vqtz S	Main fragment rich vein from 60.75 to 61.15 m. Alteration halo with late cross cutting mineralized veinlets from 60.5 to 62 m.
62.0 - 68.7	Flt S	Fault damage zone with apparent fault core gouge from 65.8 to 66m. Entire interval is blocky core / rubble with ~60% recovery.

64 149 MV - Mafic Volcanic

Medium gray, fine grained, weakly foliated (bedded) to massive, mafic to intermediate volcanic. Lower contact is EOH

Blocky / broken core from 64 to 73.5 m. Moderate fracturing with local blocky core from 73.5 to 91.5 m, possible fault gouge (rubble, some clay) from 90.3 to 90.4 m. Weak fracturing to ~99 m. Below 99 m core is broken and very locally blocky to 110.3 m. Fragment-rich fault gouge from 109.95 to 110.05 m. Weak fracturing from 110.3 to 117.9 m. Fault zone from 117.9 m with weakly developed damage zone to 119 m, fault core gouge/ rubble from 119.0 to 119.25 m, poorly developed moderately fractured damage zone to 119.6 m. Broken locally blocky core from 119.6 to 123.5 m. Fault zone from 123.5 to 128.1 m, strongly fractured blocky core to 126.4 with intense clay and sand filled fault gouge from 126.4 to 128 m with associated core loss. Weak fracturing from 128 to 143 m. Fault zone below.

Rusty/ oxidized fractures occur throughout. Trace sericite / carbonate occurs sporadically on fractures throughout. Patchy pervasive moderate silicification occurs from 64 to 119.3 m, strong to locally intense, pervasive to patchy silicification from 119.3 to 132.28 m. Weak silicification below. Trace to weak pervasive chlorite throughout. Strong to locally moderate hydrothermal alteration associated with faulting and veining from 119 to 133 m, comprised of moderate to intense silicification, moderate to intense oxidation, local fracture controlled moderate potassic alteration, and local intense sericite + chlorite alteration.

Trace sporadic fine grained pyrite throuhgout. Fine grained disseminated, vein hosted and thin veinlets of pyrite (1-2%) occur locally from 76 to 119 m. Moderate to strong oxidized sulphides and trace to 3% fine

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867666	63.5	65.0	1.5	8.5	0.7	22.6	13.3	64	0.7
A0867667	65.0	66.0	1	7.9	0.5	21.2	6.5	55	0.6
A0867668	66.0	67.0	1	9.2	0.2	37.8	4.1	64	0.7
A0867669	67.0	68.0	1	7.7	0.3	35.6	3.8	65	0.9
A0867671	68.0	69.0	1	4.6	0.05	18.5	2.9	46	0.9
A0867672	76.0	76.5	0.5	9.4	0.3	55.9	3.5	108	2.2
A0867673	76.5	77.0	0.5	112.4	0.5	56.2	21.8	104	2
A0867674	77.0	78.0	1	41.5	0.4	64	7.3	119	2.9
A0867675	78.0	79.0	1	5.4	0.4	69	11.9	145	2.3
A0867676	89.0	90.0	1	1.8	0.2	48.2	2.5	109	0.9
A0867677	90.0	91.0	1	4	0.3	84.4	1.8	121	0.9
A0867678	91.0	92.0	1	17.5	0.6	86.7	48.1	162	1.1

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From	To	Lithology
		grained pyrite occur from 119 to 131 m. Clots and trace disseminated cpy associated with veining occur from 130.5 to 132.28. Abundant (5-15%) disseminated, medium to coarse grained, subhedral, vein hosted py occurs from 131 to 132.28

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 149.0	Carb P M	
83.0 - 86.0	Ep P M	
60.5 - 119.3	Si P M	
119.3 - 132.28	Si Pv S	Pervasive or patchy intense structurally controlled silicification
132.28 - 149.0	Si Pv W	
105.9 - 110.0	Rs FV M	
119.0 - 128.0	Rs FV S	Moderate to locally intense structurally controlled oxidation
119.0 - 133.5	Chl FV M	Patchy moderate structurally controlled chlorite
119.0 - 133.5	K FV W	Local weak to moderate fracrure controlled potassic alteration
130.7 - 131.1	Chl Pv S	Strong pervasive chlorite + sericite at upper margin of main vein
130.7 - 131.1	Ser Pv S	
119.0 - 130.7	Ser FV W	
119.0 - 130.7	Carb FV W	Local vein and veinlets of carbonate
146.0 - 149.0	Chl FV S	intense chlorite replacement in gouges
133.5 - 149.0	Chl Pv M	

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
62.0 - 149.0	Py Tr 0.1%	Sporadic trace disseminated py
76.5 - 78.0	Py FR 2%	Fine to medium grained disseminated and veinlets of py. Structurally controlled associated with fractures, and mm to cm scale quartz carbonate veins/ veinlets.
107.8 - 110.0	Ox FR 10%	Moderate rusty alteration / mineralization and fracture coatings.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867679	92.0	93.0	1	2.6	0.3	118.1	1	133	0.6
A0867680	97.18	97.8	0.62	1	0.3	44.1	5.4	74	1.1
A0867681	97.8	98.3	0.5	134.5	0.9	62.5	19.9	111	0.9
A0867682	98.3	98.8	0.5	3.6	0.4	72.2	2.2	70	1.1
A0867683	105.5	106.0	0.5	6.3	0.4	96.3	9.2	123	0.8
A0867684	106.0	107.0	1	17.2	0.5	83.2	9.9	77	1.5
A0867685	107.0	107.8	0.8	4.3	0.3	69	8.5	93	1.6
A0867686	107.8	108.8	1	16.6	0.7	88.6	133.4	182	7.6
A0867687	108.8	109.8	1	2.8	0.4	96.1	4.9	98	2.8
A0867688	109.8	110.5	0.7	77.1	0.9	130.8	20.4	101	1.4
A0867689	110.5	111.0	0.5	2.4	0.2	54.7	1.5	85	0.9
A0867690	111.0	112.0	1	69.2	0.8	181.9	3.8	78	0.9
A0867691	112.0	112.5	0.5	48	0.6	170.7	16.8	63	0.9
A0867692	112.5	113.5	1	223.1	1.3	208.4	56.5	117	0.25
A0867693	113.5	114.0	0.5	34.7	0.4	93.1	3.6	87	0.25
A0867694	117.0	118.0	1	69	0.5	131.3	4.8	111	0.6
A0867695	118.0	119.0	1	120.8	1.5	148.6	84.8	121	1.1
A0867696	119.0	119.5	0.5	9433.3	30	174.4	134.2	130	8.2
A0867697	119.5	120.0	0.5	533.6	1.8	61.6	11.3	121	1.3
A0867698	120.0	121.0	1	396.8	2.1	120.3	67	147	1.2
A0867699	121.0	122.0	1	567.7	4.5	241.2	701	266	1.4
A0867701	122.0	123.0	1	72.5	1	319.4	22.3	212	1.1
A0867702	123.0	124.0	1	172.1	1	154.8	12.9	232	1.9
A0867703	124.0	125.0	1	780.1	3.1	112.6	92.8	275	2.3
A0867704	125.0	126.0	1	246.8	1	61.7	9.7	157	1.8
A0867705	126.0	128.0	2	1366.6	7.4	114	132.3	151	2.1
A0867706	128.0	129.0	1	2879.6	10	88.5	18	52	0.7
A0867707	129.0	130.0	1	693.9	3.2	367.5	37.8	86	0.25
A0867708	130.0	131.0	1	841	9.2	1413	704.6	256	0.7
A0867709	131.0	131.5	0.5	100000	100	347.1	575	197	0.25
A0867710	131.5	132.0	0.5	100000	100	1403	10000	1075	1
A0867711	132.0	132.28	0.28	57800.9	100	705.7	4143.9	1057	0.8

Project: Doc Project **Hole Number:** DC-20-06

From	To	Lithology		
112.0	113.5	Py D 1%	Fine grained disseminated and quartz carbonate fracture fill vein hosted py	
112.0	113.5	Py FR 1%	Weak vein / alteration / structurally controlled fine grained disseminated py	
119.0	128.1	Ox FR 15%	Fault + fracture controlled oxidized mineralization	
119.0	131.0	Py FR 1%	Weak vein / alteration / structurally controlled fine grained disseminated py	
130.5	132.0	Ccp FR 0.1%	Trace cpy. Clots observed at 130.8 m.	
131.0	132.28	Py FR 10%	Abundant (5-15%) disseminated, medium to coarse grained, subhedral, vein hosted py	
132.28	133.5	Ox FR 10%	Weak to moderate oxidation below vein	
138.0	140.0	Ccp FR 0.1%	Trace cpy in late qtz carb veinlets	
Structure		***Type/Intensity***	***Comments***	
62.0	68.7	Flt S	Fault damage zone with apparent fault core gouge from 65.8 to 66m. Entire interval is blocky core / rubble with ~60% recovery.	
65.8	66.0	G M	Fault gouge with white gray clay. Depth approximate due to core loss.	
66.0	73.5	Bc M	Broken / blocky core	
73.5	91.5	F M	Moderate fracturing with local blocky core	
89.0	97.0	Fld M	Broad zone of ductile deformation. Convoluted bedding / foliation with cm scale parasitic folds.	
90.3	90.4	G W	Possible gouge, weak, rubble and some clay	
91.5	99.0	F W		
99.0	110.3	Bc M	Broken, very locally blocky	
109.95	110.05	G M	Rusty, limonite and clay (sericite) coated / filled gouge. Fragment rich bordering on fault bx	
110.3	117.9	F W		
117.9	119.6	Flt M	Fault zone. Moderate to strong fracturing with fault core gouge from 119 to 119.25	
119.0	119.25	G S	Fault core. Rusty gouge with sandy matrix, quartz vein fragments.	
123.5	128.1	Flt In	Fault zone. Damage zone from 123.5 to 126.4 m, with secondary fault bx from 123 to 123.65 m.	
126.4	128.0	G In	Rusty light orange brown, clay and sand filled fault gouge. Associated core loss.	
128.1	143.0	F W		

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867712	132.28	133.0	0.72	192.4	1.4	308.9	95.1	1640	1.9
A0867713	133.0	134.0	1	120.2	0.6	78.6	25.9	362	1.2
A0867714	134.0	135.0	1	6.2	0.3	86	4.2	136	0.6
A0867715	138.0	139.0	1	6.6	0.3	128.7	13.3	90	0.6
A0867716	139.0	140.0	1	5.9	0.2	101.4	6.1	93	0.25

Project: Doc Project **Hole Number:** DC-20-06

From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
131.15	132.28	Vqtz	In	Massive, mineralized, anastomosing quartz vein.									
143.0	149.0	Flt	M	Fault zone with weakly developed damage zone (moderate broken / blocky core) and 3 distinct gouges									
143.6	143.75	G	W	Possible gouge with minor clay and rubble									
146.18	146.42	G	M	Weakly consolidated (crumbles to touch) fault gouge / bx. Approx 70% dark green gray (chlorite rich) matrix and 30% mm to cm scale angular fragments.									
148.1	148.3	G	M	Weakly consolidated (crumbles to touch) fault gouge / bx. Approx 70% dark green gray (chlorite rich) matrix and 30% mm to cm scale angular fragments. Almost identical to gouge at 146.18 m									

Project: Doc Project **Hole Number:** DC-20-06

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
5.5	Fol	65				
15.2	Fol	55				
17.5	Fol	28				wk shear?
19.7	Fol	50				subtle
29.6	Fol	60				
46.9	Bed	55				
48	Bed	50				
49.5	Bed	55				
50.8	Bed	57				
53.25	Bed	60	275			
56.2	Bed	57	270			
60.4	Fol	55				
60.5	Uc	50				upper contact of vein associated alteration zone. concordant to foliation/ bedding
79.7	Fol	40				subtle
80.25	VL	35				2mm wide py bearing qtz cb veinlet
84.1	Fol	50				
87.6	Fol	50				
91.8	Fol	60				
97.93	Vqtz	50	40			fractured upper contact of 8 cm wide weakly py mineralized bull qtz vein
100.6	Fol	55	295			
109.9	Vqtz	25				altered with coarse py mineralization
110.05	G	40				approx lower contact of gouge
112.8	VL	15	210			weakly py mineralized altered qtz cb veinlet. 5mm wide
112.85	Fol	50	270			
131.1	Vqtz	17	35			approx upper contact of main mineralized vein
138.9	VL	45	340			cpy bearing carb veinlet
142.9	Fol	50	290			subtle
146.18	G	25				upper contact of gouge
148.3	G	35				lower contact of gouge

Project: Doc Project **Hole Number:** DC-20-06

Geotech

From	To	Recovery	Recovery %	Comments
1.5	2	1	200	
2	5	2.76	92	
5	8	2.86	95.33	
8	11	2.65	88.33	
11	14	3.2	106.67	
14	17	2.83	94.33	
17	20	2.81	93.67	
20	23	2.89	96.33	
23	26	3.3	110	
26	29	3	100	
29	32	3.01	100.33	
32	35	92	3066.67	
35	38	2.96	98.67	
38	41	3.28	109.33	
41	44	2.83	94.33	
44	47	3.09	103	
47	50	2.85	95	
50	53	3.05	101.67	
53	56	3.08	102.67	
56	59	3.06	102	
59	62	3.15	105	
62	65	2.05	68.33	
65	68	2.3	76.67	
68	71	2.95	98.33	
71	74	2.9	96.67	
74	77	2.92	97.33	
77	80	3.25	108.33	
80	83	2.91	97	
83	86	2.86	95.33	
86	89	3	100	

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89	92	2.95	98.33
92	95	3.11	103.67
95	98	3.25	108.33
98	101	3.17	105.67
101	104	3.03	101
104	107	3.03	101
107	110	2.91	97
110	113	3.01	100.33
113	116	3.02	100.67
116	119	3.05	101.67
119	122	3.08	102.67
122	125	3.3	110
125	128	2.2	73.33
128	131	3.2	106.67
131	134	3.18	106
134	137	2.86	95.33
137	140	3.03	101
140	143	3	100
143	146	2.85	95
146	149	3.3	110

DRILL LOG REPORT

Project: Q19 **Hole Number:** Q19-20-01

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-10-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-13-2020	**Easting:**	411,136
Actual depth:	234.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,532
Target:						**Elevation:**	1,353.216

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	207	207	-70	
36	Reflex Hanstone	185.7	203.7	-69.6	
87	Reflex Hanstone	188	206	-69.4	
138	Reflex Hanstone	191.2	209.2	-69.2	
189	Reflex Hanstone	192	210	-68.4	
234	Reflex Hanstone	191.4	209.4	-67.7	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0	**2.75**	**CAS - Casing**										
2.75	**233.74**	**MV - Mafic Volcanic**	37302	27.0	28.0	1	32	0.5	62	5	97	25
			37303	28.0	29.0	1	46	0.8	66	5	67	26
			37304	29.0	29.6	0.6	26	0.4	111	4	93	1

Dark green fine grained and weakly foliated mafic volcanic rock. Unit contains up to 1% finely disseminated fresh sulphides throughout.

MINOR: 111.2 - 116.6 m - Porphyritic phase with quartz and plagioclase phenocrysts disseminated throughout the unit. Structure and alteration otherwise identical to surrounding mafic volcanic unit.

MINOR: 218.0 - 219.7 - Porphyritic phase with altered mm scale mafic phenocrysts (cordierite or garnet?). Ductile deformation evident from rotated crystals and with groundmass flowing around the phenocrysts.

Alteration throughout the unit is characterized by pervasive chlorite alteration with sporadic discontinuous epidote lenses and cemented fracturing commonly also hydraulicly brecciated. Common healed and open fractures coated with dark red almost maroon oxide. Epidote looks to be associated with an earlier episode of alteration as quartz and quartz carbonate stringers cross cut it (~10 m). Alteration changes briefly from 27.0 - 29.6 m where moderate patchy sericitization is associated with red and brown clay gouge.

Unit is broken up from the top of the hole to 27 m where it becomes altered and even more obliterated. Intense fracturing with dark red sulphide stains on healed and open surfaces are ubiquitous. ~10 cm of light brown gouge at 28.3 m appears to be the focus of the faulting. Dark red to black oxide flanks both ends of the gouge. The focus of the faulting ends by 29.6 where core becomes blocky again and the sericite disappears. Brittle structure in the hole is evident to 77.0 m characterized by more shattered mafic volcanic with frequent dark red rust staining on fractures. Quartz stringers are sporadic and usually oriented near 85 DTCA. Foliation through the unit to 70 m is ~55 - 65 DTCA. Quartz veinlets and stringers are common and boudinaged. Stringers below 141.0 m starting to contain finely disseminated pyrite +/- pyrrhotite.

Alteration ***Type/Style/Intensity*** ***Comments***

Project: Q19 **Hole Number:** Q19-20-01

From	To	Lithology			
2.75	233.74	Chl	Pv	M	Dark green chlorite alteration pervasively affecting the unit.
2.75	233.74	Ep	FV	M	Epidote as cement within fractures and stringers. Sometimes causing hydraulic brecciation where present. Epidote is also present as discontinuous lenses throughout the unit sometimes cross-cut by quartz stringers as at ~10 m. Fracs often offset QV on mm sc
2.75	94.2	Rs	FV	M	Dark reddish maroon staining on fracture within open and healed fractures, sometimes associated with quartz stringers. Some of healed fractures show mm scale offset.
27.0	29.6	Ser	FV	S	Strong sericite alteration throughout fault zone with 10 cm goug in at least one location. Sericitized zone is intensely fractured and broken and intimately associated with dark red/maroon rust staining.
94.2	233.74	Rs	FV	W	Rare fractures contain weak rust staining on open and healed surfaces.

Mineralization	*Type/Style/%Mineral*			*Comments*
2.75	233.74	SUL	D	1%	Fresh disseminated sulphide mineralization up to 1%.
94.5	233.74	SUL	FR	1%	Fresh fine fracture controlled sulphides.

Structure	*Type/Intensity*	*Comments*

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Project: Q19 **Hole Number:** Q19-20-01

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
10.8	Fol	65				
11	Vqtz	70				1cm
15.3	F	20				Hairline fracture with epidote cement.
15.95	F	10				Rust staining on open fracture.
24.6	Vqtz	70				
27.5	F	60				Fracturing oriented approx 65 DTCA but are penetrating rock in several directions.
28.3	G	80				Light brown clay gouge
34	Fol	35				
38.2	Fol	65				
39.3	F	11				Fracture with quartz and dark red/maroon cement.
45	Fol	60				
47.4	F	25				
49.6	F	10				Fracture with maroon staining on surface.
55	F	50				
59.1	Fol	80				
65	F	20				Fracture with quartz and carbonate cement associated with red rust staining.
68.6	Vqtz	70				5 cm quartz veinlet with associated epidote on Hw contact.
70	Fol	80				
75.3	Vqtz	75				15 cm wide epidotized quartz veinlet.
76.2	F	70				Epidotized healed fracture with stockwork fracturing both HW and FW.
79	F	80				Zone of epidotized fractures commonly associated with quartz all oriented roughly the same ~80 DTCA.
79.1	Fol	80				
83.2	Vqtz	78				Zone of boudinaged quartz stringers with plagioclase nodules within.
92.77	F	10				Epidote cemented fractures offsetting quartz veinlets
92.78	Vqtz	80				Quartz veinlets and stringers offset by epidote cemented fracturing.
95	Fol	70				
102.3	Vqtz	30				Qtz stringer with weak red stains.
110.7	F	70				Fracturing with quartz and carbonate.
111.2	Vqtz	20				Quartz carbonate stringer with associated epidote (1-2 cm wide) Minor dissolution.

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115	F	20	Epidote cemented fracture set with associated stockwork fractures.
119	Fol	80	
121	VL	25	4 cm wide epidote cemented veinlet with hydraulic brecciation.
129.2	Vqtz	85	1 cm wide quartz veinlet.
130.3	Fol	82	
137.2	Fol	79	
146.1	Fol	80	
144.9	Vqtz	65	1-2 cm quartz veinlet with blebby pyrite mineralization.
159.6	Fol	60	
155.2	VL	30	Hydraulic brecciated 5 cm veinlet with sericite +/-epidote cement.
155	VL	11	Quartz stringer associated with mm scale epidote fracture offset.
154.99	Vqtz	80	2 cm quartz veinlet with trace disseminated pyrite and pyrrhotite.
162.3	Vqtz	80	Quartz veinlet with associated plagioclase nodules within and on periphery.
166	F	90	Epidote healed fracture with associated stockwork fracturing stemming from single fracture.
166.7	Vqtz	78	Boudinaged quartz veinlet with plagioclase.
167.7	Fol	48	
170.8	Fol	74	
177.1	F	21	Sericitized hairline fracture.
181.2	Fol	64	
184.5	VL	62	Stringer with epidote.
184.2	VL	25	Druzy quartz stringer ~3 mm wide. Several other fractures oriented parallel to structure.
192.4	VL	21	Hydraulic brecciated quartz stringer.
194.3	Fb	80	Flow banded blobs of rock oriented sub parallel to the foliation.
195.1	Fol	79	
201.3	Fol	80	
207.5	Fol	78	
195.4	F	25	Quartz/carbonate cemented fractures.
203	Fol	80	
208	VL	60	Sericite/epidote? veinlet with quartz and altered and deformed garnets? within.
212.1	BAN	80	Banding of sericite parallel to foliation.
218.3	Fol	75	
213.6	F	20	Fracture sets oriented around 20 DTCA.

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222.3	Fol	69	
227	F	20	Fracture sets oriented at 20 DTCA with epidote or sericite cement causing hydraulic brecciation.
229.5	F	3	Cemented stockwork hairline fractures with quartz/carb cement
231.4	Fol	60	
233.68	VL	55	Stringer of fresh pyrite cement. ~1-3 mm wide.

Geotech

From	To	Recovery	Recovery %	Comments
2.75	3	0.25	100	Rubble
3	6	0.82	27.33	Rubble
6	9	1.31	43.67	Heavily fractured
9	12	1.7	56.67	Heavily Fractured
12	15	0.35	11.67	heavily fractured and rubble
15	18	1.91	63.67	Lots of fractures
18	21	1.93	64.33	heavily fractured and rubble
21	24	1.92	64	heavily fractured
24	27	1.35	45	heavily fractured
27	30	2.16	72	fractures and gouge
30	33	2.82	94	fractured
33	36	2.84	94.67	
36	39	2.61	87	
39	42	2.5	83.33	
42	45	2.4	80	fractured
45	48	2.65	88.33	
48	51	2.39	79.67	badly fractured
51	54	2.1	70	badly fractured
54	57	1.78	59.33	badly fractured
57	60	1.79	59.67	heavily fractured and rubble
60	63	1.31	43.67	heavily fractured
63	66	2.1	70	heavily fractured
66	69	2.44	81.33	heavily fractured
69	72	3.1	103.33	fractured
72	75	2.46	82	fractured

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75	78	2.7	90	
78	81	2.87	95.67	
81	84	3	100	
84	87	2.86	95.33	
87	90	3.01	100.33	
90	93	2.91	97	
93	96	2.95	98.33	
96	99	3.02	100.67	
99	102	3.04	101.33	
102	105	2.85	95	Fractured zone
105	108	2.67	89	Highly fractured
108	111	2.95	98.33	
111	114	2.9	96.67	
114	117	2.96	98.67	Fractured
117	120	2.96	98.67	
120	123	3.02	100.67	
123	126	2.96	98.67	
126	129	3.04	101.33	
129	132	2.94	98	
132	135	2.99	99.67	
135	138	3.05	101.67	
138	141	3.08	102.67	
141	144	2.97	99	
144	147	2.99	99.67	
147	150	2.97	99	
150	153	2.9	96.67	
153	156	3	100	
156	159	2.76	92	Highly fractured
159	162	2.79	93	
162	165	2.4	80	Highly fractured
165	168	3.03	101	
168	171	2.7	90	
171	174	2.99	99.67	some fractures

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174	177	2.81	93.67	some fractures
177	180	2.71	90.33	badly fractured
180	183	2.89	96.33	fractured
183	186	2.85	95	
186	189	3.08	102.67	
189	192	2.85	95	
192	195	3.04	101.33	
195	198	3.01	100.33	
198	201	3.05	101.67	some fractures
201	204	2.74	91.33	
204	207	3	100	
207	210	2.97	99	
210	213	2.8	93.33	
213	216	3.14	104.67	
216	219	2.86	95.33	
219	222	2.61	87	
222	225	2.95	98.33	
225	228	2.85	95	
228	231	2.89	96.33	
231	234	2.76	92	

DRILL LOG REPORT

Project: Q19 **Hole Number:** Q19-20-02

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-16-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-19-2020	**Easting:**	411,118
Actual depth:	179.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,496
Target:						**Elevation:**	1,362

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	207	207	-45	
20	Reflex Hanstone	190.7	208.7	-47.4	
80	Reflex Hanstone	193	211	-48.1	
122	Reflex Hanstone	192	210	-48.1	
173	Reflex Hanstone	195	213	-48.7	

From	To	Lithology
0	**4.75**	**CAS - Casing**
4.75	**179**	**MV - Mafic Volcanic**

Greenish grey mafic volcanics. The core consists of aphanitic mafic minerals that can not be distinguished with the naked eye. From 122 to 126.3m the core hosts weakly strung-out mm-scaled feldspar phenocyrsts. The core is pervasively altered to chlorite. Silicification is variable but is usually associated with large bull white quartz veining and oxidized core.The core is calcareous reacting to acid and is also weakly magnetic. The main structural zone (the Q19 structure) begins at the top of the hole down and continues down to 99m and is cross-cut by mm-scaled fractures and quartz carbonate veinlets with local mineralization. The core becomes more competent after 99m as it exits the Q19 structure.

The first interval of oxidized mineralization occurs from 7.5 to 9.0m which is associated with a large bull white quartz vein and silicification. The second interval occurs as oxidized breccia from 31.0 to 31.4m. Foliation is faint at 70 dtca. Lower contact is EOH.

Alteration	*Type/Style/Intensity*	*Comments*
4.75 - 179.0	Chl Pv M	Pervasive background chlorite alteration.
7.3 - 9.0	Si Pv S	Strong pervasive silicification associated with bull white quartz vein and oxidized mineralization.
7.5 - 8.2	Rs Pv S	Rust stained mineralized core hosting pyrite up to 1mm in diameter.
9.0 - 77.0	Si Pv M	The core is moderately silicified throughout the mafic volcanics.
15.48 - 15.82	Carb S W	Spotty creamy to pale green calc-silicate alteration.
21.1 - 21.2	Ep FV M	Epidote and sericite altered stockwork fracturing.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862514	7.0	7.5	0.5	2.5	0.3	132	14	95	1
A0862515	7.5	8.2	0.7	203	2	263	71	90	2
A0862516	8.2	8.5	0.3	495	2.1	67	35	21	1
A0862517	8.5	9.0	0.5	101	1.2	146	8	71	14
A0862518	28.5	28.7	0.2	2.5	0.1	64	3	96	1
A0862519	30.5	31.0	0.5	5	0.7	220	5	139	2
A0862520	31.0	31.4	0.4	12	0.4	7	194	292	7
A0862521	31.4	32.0	0.6	5	0.3	38	29	194	1
A0862522	32.0	33.0	1	2.5	0.2	101	35	135	1
A0862523	33.0	33.5	0.5	2.5	0.1	59	6	162	1
A0862524	38.3	38.8	0.5	2.5	0.2	76	17	119	1
A0862525	38.8	39.1	0.3	2.5	0.5	68	700	394	1
A0862526	39.1	40.4	1.3	2.5	0.2	51	24	109	1
A0862527	50.6	51.6	1	2.5	0.1	115	3	114	2
A0862528	63.6	63.8	0.2	2.5	0.1	86	1	70	1
A0862529	98.2	98.6	0.4	2.5	0.1	130	2	84	1
A0862531	109.3	110.3	1	2.5	0.1	61	4	89	1

Project: Q19 **Hole Number:** Q19-20-02

From	To	Lithology			
31.0	31.4	Rs	Pv	S	Strongly rusted stained interval with minor brecciated quartz veins.
34.54	34.67	Ser	FV	M	Quartz veins with associated sericite and chlorite alteration. Chlorite fractures cross-cut interval at 35 dtca.
75.0	80.0	Rs	FV	W	Brown rust stained fractures with calcite. Alteration doesn't appear to be associated with sulphides.
77.0	78.0	Si	Pv	S	Strong pervasive silicification causing the core to be glossy.
78.0	145.42	Si	Pv	M	Moderate pervasive silicification.
87.86	100.0	Rs	FV	W	Brown rust stained fractures with calcite. Alteration doesn't appear to be associated with sulphides.
105.3	105.35	Ep	Pv	S	Narrow band of pervasive epidote alteration.
113.4	114.3	Ep	FV	W	Mm-scaled stockwork epidote/sericite veins.
124.9	126.3	Cal	P	M	Patchy calc-silicate alteration. Tuff?
145.42	148.9	Si	Pv	S	Strong glassy pervasive silicification.
148.9	179.0	Si	Pv	M	
151.14	151.82	Ep	FV	W	Epidote altered stockwork veins.
168.63	168.9	Ser	FV	M	Strong sericite and epidote alteration in stockwork fractures.
176.4	176.6	Rs	FV	S	Calcite vein with strong rusty alteration.
178.56	178.81	Rs	FV	M	Fractures with rust staining penetrating into wall rock.

Mineralization	*Type/Style/%Mineral*			*Comments*
7.5	8.2	Q19	Stn	3%	Pervasive oxidized core with disseminated pyrite. Mineralization occurs at the upper contact of a bull white quartz vein. Appears to be a small mineralized interval occurring above the Q19 strcture.
31.0	31.4	Q19	FR	100%	This unit appears to be the second mineralized unit of the Q19 and is completely oxidized. The interval appears to be brecciated with small white quartz fragments in a rusty orange matrix. A quartz vein occurs at the upper contact.
33.9	34.0	Ox	FR	2%	Rusty vein associated white quartz. The vein occurs 45 dtca (Most likely a vertical vein).
38.84	39.1	Gn	FR	2%	The mineralization consists of one large galena crystal 1.5 cm in diameter hosted in a white quartz vein cross-cutting core at 10 dtca.
50.6	51.6	Ox	FR	1%	Brown stained fractures and veins. This oxidation doesn't appear to be from sulphides.
153.0	153.1	Py	FR	3%	A single mm-scaled pyrite fracture.
154.4	154.9	Py	FR	3%	A single mm-scaled pyrite fracture.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862532	149.35	149.94	0.59	2.5	0.1	126	1	76	2
A0862533	153.0	153.2	0.2	2.5	0.1	180	1	79	1
A0862534	162.13	162.35	0.22	5	0.3	376	1	78	1
A0862535	167.33	168.33	1	2.5	0.2	120	8	94	1
A0862536	168.33	168.9	0.57	2.5	0.1	91	1	79	2
A0862537	173.5	173.7	0.2	2.5	0.2	94	3	121	2
A0862539	178.0	178.55	0.55	2.5	0.2	12	8	118	1
A0862540	178.55	179.0	0.45	2.5	0.1	3	5	214	1

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From	To	Lithology			Comments
162.14	162.32	Py	FR	3%	Two parallel mm-scaled pyrite fractures.
166.63	166.7	Py	Bl	2%	Blebby pyrite located in a sericite vein.
171.28	171.55	Py	FR	1%	Pyrite in a calcite vein.
173.56	173.7	Sp	FR	10%	Sphalerite (? reddish brown streak, soft), occurs in a calcite vein.
176.4	176.6	Ox	FR	5%	Calcite vein with rusty mineralization.
176.6	179.0	Py	D	0.1%	Disseminate pyrite in core.
178.5	178.81	Ox	FR	5%	Rusty oxidation propagating into wall rock from fracture.

Structure		*Type/Intensity*		*Comments*
4.75	7.3	Bc	In	Core is intensely broken and ground into small cm scaled fragments.
7.3	8.2	Bc	S	Broken and blocky core with core loss.
8.2	8.6	Vqtz	S	Large broken bull white quartz vein. The veins appears to be barren.
10.34	10.47	Vqtz	S	Dirty white quartz veins with a 8cm true width. The quartz is cross-cut with mm-scaled fractures and hosts trace pyrite.
13.8	56.0	Bc	M	Blocky core.
23.0	25.0	STK	W	Narrow mm-scale white stockwork quartz veins cross-cut core. Many veins run parallel to core axis.
28.3	28.4	Vqtz	M	Multiple narrow sheeted quartz veins. The quartz veins cross-cut by a fracture causing dextral offset of the veins.
31.0	31.4	BX	W	Weakly brecciated interval. The rust staining obscures textures.
38.8	39.1	Vqtz	M	White quartz vein with at 17 mm TW hosing one massive galena crystal.
49.1	49.2	Vqtz	M	Sheeted white quartz veins. No sulphides. The true width is 15mm.
56.0	73.8	STK	In	Intensely stockwork fractured core. The core is cross-cut by mm-scaled calcite fractures. Many of the calcite fractures have dextral offset caused by micro-faulting. Slickenlines can be found locally.
56.0	99.0	Bc	S	Strong to intensely broken and blocky core. Multiple intervals of rubble and core loss.
73.8	73.88	Dyk	S	Pink quartz feldspar vein/dyke. No sulphides.
73.88	99.0	STK	S	Intensely stockwork fractured core. The core is cross-cut by mm-scaled calcite fractures. The veins are commonly associated locally with quartz and rust coated fractures. Many of the calcite fractures have dextral offset caused by micro-faulting.
109.6	110.3	Vqtz	S	Sheeted parallel smoky quartz veins with lesser calcite veins. Veins occur at 70 dtca but can be locally brecciated and folded.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
111.65	111.7	Vqtz M	White quartz vein. 12mm true width.										
113.4	113.6	Vqtz M	Parallel sheeted smoky and white quartz veins with associated epidote alteration.										
113.6	114.3	STK M	Narrow mm-scaled epidote stockwork veins.										
126.0	128.0	STK M	Calcite coated stockwork fractures.										
138.8	139.0	Vcc W	Sheeted parallel calcite veins.										
145.4	148.9	STK M	Moderate calcite stockwork veins.										
151.14	151.8	STK M	Mm-scaled epidote altered stockwork veins.										
155.7	155.8	G W	Narrow gouge on fracture surface.										
162.04	162.1	Vqtz M	Quartz vein. No sulphides.										
164.22	168.4	Bc M	Moderately broken core caused by parallel tca fractures and calcite stockwork fracturing.										
168.63	168.9	STK In	Intense sericite stockwork fracturing. The interval could be classified as a breccia.										
169.21	169.3	Dyk S	White to pale pink plagioclase/quartz dyke? The dyke hosts 1% mafic minerals.										
178.0	178.2	BX S	Smoky brecciated quartz vein annealed with white calcite. Interval cuts-core at 30 dtca.										

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
7.35	Fol	70				
10.34	Vqtz	60				
13.5	Vcc	25				
18.7	Fol	70				
24	Vcc	0				
28.5	Vqtz	70				
31.4	C	50				
34.6	Vqtz	60				
38.9	Vqtz	10				
49.1	Vqtz	60				
60.5	Vcc	45				
62.7	F	25				
63.7	VL	70				Pyrite Stinger.
68.7	Fol	70				
68.8	Vcc	15				Calcite stockwork vein cross-cutting foliation.
70.5	Vqtz	70				Sheeted narrow quartz veins.
77.2	Vqtz	40				Quartz calcite vein hosting MV fragments.
71.4	Sls	70				Slickenlines oriented at 70 dtca across fracture face.
76.7	F	45				Calcite fracture with brown rust alteration.
79	Fol	70				
80.1	F	30				Brown rust coated fracture.
93.2	F	0				Calcite vein with brown rust alteration.
95.3	Fol	70				
74.9	Vqtz	80				
73.9	Dyk	70				Pink feldspar dyke or quartz.
98.5	Vqtz	80				White quartz vein.
103	Fol	70				
105.3	Vqtz	70				Smoky quartz vein.
109.9	Vqtz	70				Sheeted quartz vein.
111.65	Vqtz	80				White quartz vein.

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113.1	Fol	70	
113.5	Vqtz	70	
122.6	Fol	70	
127.5	Vcc	15	
136	Vqtz	70	
145.45	Vqtz	70	Quartz vein with a 3 c true width.
149.9	Vqtz	30	Quartz/carbonate vein with blebby pyrite.
149.4	VL	70	Pyrite stringer.
153.5	VL	55	Pyrite stringer.
154.45	VL	45	Mm-scaled pyrite stringer.
155.8	G	70	
157.2	Fol	60	
160	Vcc	20	
162.06	Vqtz	40	
160.2	VL	60	Mm-scaled pyrite stringer.
160.3	VL	60	Mm-scaled pyrite stringer.
163.57	Fol	70	
164.4	F	0	Long fracture occurring parallel tca causing broken core.
168.5	Vqtz	70	
169.25	Dyk	60	
169.67	Vqtz	60	
171	Vcc	0	Calcite vein with some pyrite.
173.6	Vcc	60	Calcite vein with sphalerite.
176.4	Vcc	30	Calcite vein with rust staining.
177.74	Fol	60	
178.7	F	40	Rusty fracture.
178.1	BX	30	

Geotech

From	To	Recovery	Recovery %	Comments
17	20	2.8	93.33	badly broken
20	23	2.73	91	broken
23	26	2.89	96.33	faulted/broken

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26	29	2.6	86.67	very badly broken
29	32	2.09	69.67	badly broken/faulted
32	35	2.13	71	badly broken/faulted
35	38	2.31	77	badly broken
38	41	2.14	71.33	badly broken/rubble
41	44	2.64	88	badly broken
44	47	2.48	82.67	badly broken
47	50	2.78	92.67	badly broken
50	53	2.43	81	very badly broken/rubble
53	56	2.56	85.33	badly broken
56	59	2.19	73	extremely broken/rubble
4.75	5	25	10000	over-burn/rubble
5	8	1.52	50.67	very broken/rubble
8	11	1.85	61.67	very broken
11	14	3.12	104	broken
14	17	2.21	73.67	very broken/rubble

DRILL LOG REPORT

Project: Q19 **Hole Number:** Q19-20-03

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-19-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-21-2020	**Easting:**	411,118
Actual depth:	149.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,496
Target:						**Elevation:**	1,362

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	225	225	-45	
17	Reflex Hanstone	208.1	226.1	-47.4	
68	Reflex Hanstone	208	226	-47.7	
149	Reflex Hanstone	210.1	228.1	-48.1	

From	To	Lithology
0	**2.9**	**CAS - Casing**
2.9	**149**	**MV - Mafic Volcanic**

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals that can not be distinguished with the naked eye. Minor intermediate mafic volcanics are encountered locally usually with mm-scaled feldspar phenocyrsts. From 87 to 88.1m a interval of volcanic sediments are encountered hosting bed and layers of volcanic tuff and ash.

The core is pervasively altered to chlorite. Silicification is variable but strong locally. The core is calcareous reacting to acid and is also weakly magnetic.

The main structural zone (the Q19 structure) begins at the top of the hole down and continues until the bottom of the hole and is cross-cut by mm-scaled fractures and quartz carbonate veinlets with local mineralization. The stockwork fractures are late and cross-cut smoky and white quartz veins. Strong faulting a movement occurs from 137 to 139 which may represent the bottom of the Q19 structure.

The first interval of oxidized mineralization occurs from 8.17 to 10.25m which is associated with a large bull white quartz vein and silicification. The second interval occurs as oxidized breccia from 31.0 to 31.4m.

Foliation is faint at 70 dtca for most of the unit. At 148m the foliation changes to 30 DTCA possibly caused from folding. Lower contact is EOH.

Minor Lithology	*Type/Description*	*Comments*
113.25 - 114.8	IV Intermediate Volcanic	Intermediate mafic volcanics hosting mm-scaled white feldspar phenocyrsts.
99.5 - 101.0	SS Siliceous Metasediment	Silicified meta-sediments(?). mm scaled quartz bands alternating with mafic bands. Folding occurs are 101m.

Alteration	*Type/Style/Intensity*	*Comments*
2.9 - 149.0	Chl Pv M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862541	7.17	8.17	1	13	0.4	127	4	86	1
A0862542	8.17	8.6	0.43	1755	17.1	152	69	80	6
A0862543	8.6	9.24	0.64	851	6.7	41	31	2	2
A0862544	9.24	9.54	0.3	188	1.4	62	60	93	1
A0862545	9.54	10.25	0.71	7	0.3	80	32	109	1
A0862546	10.25	10.75	0.5	5	0.1	132	1	90	1
A0862547	23.26	23.6	0.34	2.5	0.1	47	1	39	1
A0862548	23.6	24.6	1	2.5	0.1	100	26	78	2
A0862549	24.6	24.9	0.3	2.5	0.3	152	43	108	1
A0862550	24.9	25.9	1	6	0.1	147	1	86	2
A0862551	25.9	26.9	1	17	0.3	117	1	88	2
A0862552	28.5	29.0	0.5	2.5	0.1	117	1	97	2
A0862553	29.0	29.3	0.3	12	0.8	87	303	306	5
A0862554	29.3	29.8	0.5	2.5	0.3	136	2	123	1
A0862555	53.5	54.0	0.5	5	0.1	111	2	72	1
A0862556	54.0	54.54	0.54	2.5	0.1	127	1	78	1
A0862557	54.54	55.0	0.46	2.5	0.1	138	1	107	1
A0862558	56.9	57.1	0.2	5	0.1	116	1	64	1

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From	To	Lithology		
2.9	130.27	Si Pv M	Moderately silicified core with local intervals of strong silicification.
8.17	8.6	Rs FV M	Moderate rust alteration of pyrite associated with fault gouge.
9.24	9.5	Ser Pv S	Strong sericite atlered core at the lower contact of a bull white quartz vein. The alteration is associated with narrow cross-cutting quartz veins, actinolite and bleby pyrite.
9.96	10.25	Rs FV M	Rust stained fractures propagating into wall rock.
29.09	29.3	Rs FV M	Rust stained fracture/mm-scaled gouge.
25.0	27.5	Rs FV W	Rust coated fractures commonly associated with slickenlines.
27.1	27.3	Ep FV M	Stockwork veinlets with epidote fracture fill.
51.0	59.5	Ep FV M	Stockwork veinlets with epidote fracture fill.
130.27	130.54	Si Pv S	Intense silicification cause the core to be glossy and feel like glass.
130.54	149.0	Si Pv M	
137.0	139.0	Bl P M	Patchy bleaching caused by fluids flowing through the fault.

Mineralization	***Type/Style/%Mineral***	***Comments***
8.17 - 8.6	Ox FR 3%	Zone 1 - Gouge hosting rusty mineralization.
8.6 - 9.24	Q19 M 100%	Zone 1 - Massive bull white quartz vein.
9.24 - 9.5	Py Bl 5%	Zone 1 - Blebby pyrite hosted in small white quartz vein stringers. Pyrite is also disseminated throughout the interval. The main targeted structure in zone 1.
9.96 - 10.25	Ox FR 20%	Zone 1 - Rusty alteration associated with fractures.
29.09 - 29.29	Q19 FR 10%	Rusty mineralization. Mostly likely is the same structure as the rusty breccia seen in Q19-20-02. Q19 zone 2.
54.0 - 54.7	Py D 0.1%	Disseminated pyrite.
62.35 - 62.45	Py Bl 3%	Blebby fracture fill pyrite.
63.6 - 63.83	Q19 Bl 5%	Zone 3 (?) - Blebby pyrite and a oxidized calcite vein. Caclite veins runs 35 dtca.
118.0 - 118.2	Py Bl 1%	Trace blebby pyrite within a quartz-feldspar dyke.

Structure	***Type/Intensity***	***Comments***
2.9 - 9.24	Bc In	Intensity broken. Many intervals of rubble.
8.17 - 8.6	G S	Fault gouge with significant movement at the lower contact.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862559	61.8	62.3	0.5	2.5	0.1	109	1	49	1
A0862561	62.3	62.6	0.3	2.5	0.1	104	1	61	2
A0862562	62.6	63.6	1	2.5	0.4	105	30	111	2
A0862563	63.6	63.9	0.3	2.5	0.7	95	24	125	3
A0862564	63.9	64.4	0.5	2.5	0.3	119	1	96	2
A0862565	81.25	81.44	0.19	2.5	0.1	138	1	73	1
A0862566	82.8	83.0	0.2	5	0.1	56	1	55	2
A0862567	118.0	118.2	0.2	2.5	0.1	86	4	86	1
A0862568	137.0	138.0	1	2.5	0.5	102	92	220	1
A0862569	138.0	138.69	0.69	2.5	0.2	23	25	137	2

AXIOM GROUP

DRILL LOG REPORT

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
8.6	9.24	Vqtz S	Large bull white quartz vein ~30 cm in diameter.										
9.24	132.5	Bc S	Strongly broken core. Core is broken into 5 to 20 cm fragments. Slickenlines are common on fracture surfaces.										
27.1	27.3	STK M	Epidote and sericite stockwork fractures.										
29.09	29.3	G M	Narrow rust gouge in Zone 2.										
51.0	59.5	STK M	Stockwork veinlets with epidote fracture fill. The veinlets usually occur parallel TCA or at 60 dtca. Local intervals of sericite veins.										
59.5	62.0	F M	Brown coated fractures. Slickenlines are common of fracture surfaces.										
81.24	81.42	Vqtz M	Two sheeted smoky/white quartz veins cutting core at 80 dtca. True width of quartz veins are 18mm,.										
82.9	83.0	Vqtz M	Smoky quartz lens. No sulphides.										
96.26	106.7	F M	Fracture with brown alteration on surface.										
115.7	116.13	Vqtz M	Sheeted quartz veins. Veins are boundinage and folded locally.										
137.0	139.0	Flt S	Moderate to strong faulting creating rubbly core. The fault consists of multiple narrow gouges roughly 5mm in width cross-cutting the core at 10 dtca. Slickenlines occur on some of the fracture surfaces.										

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
6.24	Fol	60				
8.26	G	60				Top contact of fault gouge.
10.08	F	70				Rusty mineralized fracture.
10.16	F	40				Rusty mineralized fracture.
18.5	F	50				Slickenlines at a 50 deg orientation on fracture face.
24.7	F	40				White quartz vein with a 1 cm true width. Rusty oxidation coats the edges of the vein.
25.7	Fol	50				
26.28	Vqtz	60				Mm-scaled quartz vein with trace pyrite.
27.4	F	0				Rust coated fracture running parallel tca.
29.11	G	60				Zone 2 fault gouge.
43.74	Vqtz	70				White quartz vein with a true width of 1 cm.
51.7	STK	15				Epidote stockwork fracture.
52.4	Vqtz	70				Quartz vein cross-cut by stockwork fractures.
56.95	Vcc	45				Narrow calcite vein with trace Chalcopyrite (?)
62.25	Fol	55				
63.75	F	35				Calcite fracture with oxidized mineralization.
78.1	Vcc	15				Brecciated calcite vein with brown alteration.
81.3	Vqtz	80				Sheeted quartz vein.
81.4	Vqtz	80				Sheeted quartz vein.
88.1	Fb	90				Mafic volcanic layering.
94.85	Fol	80				
98.3	Vqtz	80				White quartz vein. True width 3.5 cm.
100.1	Fol	70				
100.95	Fld	70				Apex of fold is 70 dtca.
102.9	Vcc	10				Calcite vein. Rusty alteration occurs along contact of vein.
112.2	Fol	70				
120.9	F	70				Fracture with gouge material on surface.
118.1	Dyk	70				Qtz-feldspar dyke with 1% blebby pyrite. The dyke is cross-cut by stockwork calcite veinlets creating sinstral offset.
129.3	Vqtz	10				Narrow mm-scaled quartz vein with minor gouge.

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136	F	15	Calcite with brown alteration.
137.8	G	10	Narrow fault gouge. Width is 12mm.
140	Vcc	0	Calcite vein with minor epidote stringers.
145.4	Vcc	30	Calcite vein with brown alteration.
148.2	Fol	30	

Geotech

From	To	Recovery	Recovery %	Comments
2.9	5	2.86	136.19	very broken /rubble
5	8	2.75	91.67	very broken /rubble
8	11	2.88	96	broken /rubble
11	14	2.95	98.33	
14	17	2.9	96.67	broken /rubble
17	20	3	100	broken /rubble
20	23	3	100	broken /rubble
23	26	3	100	broken/rubble
26	29	3	100	broken /rubble
29	32	3	100	very broken /rubble
32	35	2.53	84.33	very broken /rubble
35	38	2.3	76.67	very broken /rubble
38	41	2.97	99	very broken /rubble
41	44	3	100	broken /rubble
44	47	2.9	96.67	moderately broken
47	50	2.55	85	broken
50	53	2.98	99.33	broken /rubble
53	56	2.82	94	very broken /rubble
56	59	2.78	92.67	broken /rubble
59	62	2.97	99	very broken
62	65	2.93	97.67	broken /rubble
65	68	3	100	broken
68	71	2.98	99.33	broken
71	74	3.4	113.33	very broken /rubble
74	77	2.97	99	broken

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77	80	2.91	97	broken
80	83	2.81	93.67	
83	86	2.85	95	broken/rubble
86	89	2.87	95.67	broken/rubble
89	92	2.65	88.33	very broken /rubble
92	95	2.87	95.67	broken /rubble
95	98	2.68	89.33	very broken /rubble
98	101	2.5	83.33	very broken /rubble
101	104	2.51	83.67	broken /rubble
104	107	2.72	90.67	very broken /rubble
107	110	2.25	75	very broken /rubble
110	113	2.79	93	broken /rubble
113	116	2.93	97.67	broken
116	119	2.92	97.33	very broken
119	122	2.81	93.67	broken
122	125	2.75	91.67	broken/rubble
125	128	2.75	91.67	broken/rubble
128	131	2.34	78	very broken
131	134	2.21	73.67	broken, appearance of gouge
134	137	2.34	78	broken/rubble likely from gouge
137	140	2.68	89.33	broken/rubble due to gouge
140	143	2.96	98.67	broken/rubble
143	146	2.75	91.67	very broken
146	149	2.78	92.67	very broken

DRILL LOG REPORT

Project: Q19 **Hole Number:** Q19-20-04

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-21-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-23-2020	**Easting:**	411,118
Actual depth:	101.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,496
Target:						**Elevation:**	1,362

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	175	175	-45	
23	Reflex Hanstone	159.2	177.2	-45.4	
74	Reflex Hanstone	159.3	177.3	-46.6	

From	To	Lithology
0	**4.8**	**CAS - Casing**
4.8	**101**	**MV - Mafic Volcanic**

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals that can not be distinguished with the naked eye. Minor volcanic sediments are encountered locally usually with cm-scaled bedding. The core is pervasively altered to chlorite. Silicification is variable but can be strong locally. The core is calcareous reacting to acid and is also weakly magnetic. The main structural zone (the Q19 structure) begins at the top of the hole down and continues until the bottom of the hole and is cross-cut by mm-scaled fractures and quartz carbonate veinlets with local mineralization. The stockwork fractures cross-cut the smoky and white quartz veins. Strong faulting a movement occurs at 69m which is represented by a fault gouge. The first interval of oxidized mineralization occurs from 5.7 to 10.05m which is associated with a large bull white quartz vein and silicification. The second mineralized zone was not intersected. A third mineralized zone was intersected from 52.0 to 57.7 m hosted disseminated pyrite and significant sheeted quartz veins. Foliation is faint at 60 dtca for most of the unit. Lower contact is EOH.

Alteration	*Type/Style/Intensity*	*Comments*
4.8 - 5.3	Si Pv M	
4.8 - 101.0	Chl Pv M	
5.3 - 8.5	Si Pv S	Strong silicification at the top contact of Zone 1 mineralization.
6.8 - 7.3	Bl Pv W	Weakly bleached interval causing the core to be pale green. The interval is also hard and silicified.
7.3 - 8.5	Rs FV S	Rusty altered fractures with blebby pyrite.
8.5 - 10.05	Ser Pv S	Strong sericitied core. Core is pale brownish green. Fractures are coated in brown and black organic material from surface.
8.5 - 22.6	Si Pv M	
22.6 - 26.2	Si Pv S	Very strong silicification causing the core to be glassy and smooth.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862570	6.8	7.3	0.5	366	2.7	71	335	45	1
A0862571	7.3	7.8	0.5	1715	25.2	35	4	9	1
A0862572	7.8	8.5	0.7	18150	128	198	35	4	1
A0862573	8.5	9.05	0.55	277	7.2	759	180	38	3
A0862574	9.05	10.05	1	31	1.4	399	33	75	2
A0862575	10.05	10.42	0.37	35	0.4	112	5	69	1
A0862576	10.42	11.3	0.88	6	0.3	138	2	104	1
A0862577	11.3	12.3	1	2.5	0.2	146	2	97	1
A0862578	12.3	13.3	1	6	0.1	91	1	87	1
A0862579	13.3	13.8	0.5	5	0.1	113	1	99	2
A0862580	13.8	14.0	0.2	5	0.2	188	1	95	2
A0862581	14.0	14.5	0.5	5	0.1	81	1	90	2
A0862582	24.1	24.3	0.2	6	0.2	189	1	92	1
A0862583	42.2	42.7	0.5	64	0.6	143.5	8.6	101	29.5
A0862584	42.7	43.4	0.7	40.3	0.5	128.7	65.7	163	152.4
A0862585	43.4	44.34	0.94	14.7	0.1	59.9	2.3	76	8.7
A0862586	44.34	44.9	0.56	79.5	0.4	69.8	28.4	121	8
A0862587	44.9	45.4	0.5	28.6	0.4	32.3	27.8	128	8.3
A0862588	47.5	48.0	0.5	11.9	0.1	90.8	2.4	82	12.2

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From	To	Lithology		
26.2	101.0	Si	Pv	M
44.34	44.9	Rs	P	W
55.7	55.9	Bl	Pv	S
75.16	89.0	Ep	FV	M

Mineralization	*Type/Style/%Mineral*			*Comments*
6.8 - 8.7	Q19	FR	3%	Rusty fractures with pyrite mineralization.
10.25 - 10.42	Py	FR	3%	Blebby fracture controlled pyrite located in a calcite vein. Host rock host trace disseminated pyrite.
11.45 - 11.58	Py	FR	3%	Blebby fracture controlled pyrite located in a calcite vein.
13.84 - 13.86	Ccp	In	0.1%	Two little specs of malachite. See pic.
21.95 - 22.02	Py	D	1%	Disseminated pyrite.
24.1 - 24.2	Py	FR	1%	Fracture controlled pyrite associated with sheeted quartz veins.
52.0 - 57.7	Q19	D	0.1%	Disseminated pyrite occasionally concentrating along fracture edges up to 3% locally. Zone 3?
58.5 - 58.6	Ccp	Bl	0.1%	Interval has 1% blebby pyrite and trace specs of chalcopyrite.
60.6 - 61.66	Py	FR	1%	1% pyrite occurring in micro-veins and stringers.
61.66 - 61.75	Py	Bl	5%	5% occurring blebby and along fractures.
61.75 - 64.75	Py	FR	1%	1% pyrite occurring in micro-veins and stringers.
66.45 - 66.65	Py	D	1%	Disseminated pyrite hosted in a felsic dyke.
66.65 - 68.0	Py	S	1%	Interval host pyritic veins and stringers.
73.4 - 75.16	Py	Bl	3%	3% blebby pyrite locally occurring as pyrite stringers.
75.16 - 76.0	Py	D	0.1%	Disseminated pyrite.

Structure	*Type/Intensity*		*Comments*
7.3 - 8.5	Vqtz	S	Bull white quartz vein with rusty and pyritic fractures.
8.5 - 10.05	F	S	Strongly fractured core.
10.05 - 11.0	Bc	M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862589	48.0	48.5	0.5	2.9	0.2	108.5	2.2	81	6.6
A0862591	48.5	49.0	0.5	2.1	0.05	50.3	1.2	83	1.7
A0862592	49.0	49.7	0.7	1.8	0.1	118.6	2.4	98	5.3
A0862593	49.7	50.16	0.46	0.8	0.1	100.3	2.5	85	2.4
A0862594	50.16	50.45	0.29	0.25	0.05	103.5	1.6	81	2.1
A0862595	50.45	51.3	0.85	0.25	0.1	85.5	2.3	87	1.4
A0862596	51.3	52.3	1	0.7	0.1	73.1	1.6	70	1.2
A0862597	52.3	53.0	0.7	0.8	0.1	102.4	2.1	80	2.2
A0862598	53.0	54.0	1	0.25	0.3	85.6	2.9	86	1.3
A0862599	54.0	55.0	1	0.25	0.05	55.8	6.5	86	0.25
A0862602	55.0	55.5	0.5	1.8	0.4	119.4	9.7	71	2.3
A0862603	55.5	56.0	0.5	3.8	0.6	67.2	379.5	759	0.9
A0862604	56.0	57.0	1	2	0.4	73.3	56	116	0.7
A0862605	57.0	57.7	0.7	1.9	0.2	53.4	48.7	141	0.25
A0862606	57.7	58.7	1	1.4	0.3	72.2	113.7	328	2
A0862607	58.7	59.7	1	1.1	0.2	78.8	54.2	135	0.6
A0862608	59.7	60.6	0.9	1.3	0.1	89.2	1.9	74	1.2
A0862609	60.6	61.6	1	1.4	0.1	92.3	1.7	52	0.5
A0862610	61.6	61.8	0.2	3.3	0.3	178.1	3.2	96	2.8
A0862611	61.8	62.8	1	1.1	0.1	74.4	1.9	51	0.6
A0862612	62.8	63.8	1	0.8	0.05	29.2	1	33	1.2
A0862613	63.8	64.2	0.4	0.8	0.05	62.6	2	36	1.6
A0862614	64.2	64.75	0.55	0.7	0.05	33	1.1	40	1
A0862615	64.75	65.25	0.5	0.6	0.05	34.2	1.2	53	0.25
A0862616	66.45	66.65	0.2	1.4	0.2	8.1	79.6	178	2.5
A0862617	67.65	68.0	0.35	2.2	0.5	66.6	66.9	175	0.9
A0862618	68.0	69.0	1	1.6	0.3	61.6	67.3	132	1.1
A0862619	69.0	69.3	0.3	3.6	0.3	38.6	46.1	91	3
A0862620	69.3	70.3	1	9.2	0.6	52.3	119.5	120	2.3
A0862621	72.9	73.4	0.5	1.1	0.05	97.2	2.6	81	0.9
A0862622	73.4	73.75	0.35	0.8	0.05	66	1.6	56	1
A0862623	73.75	74.3	0.55	1.3	0.2	129.6	2.8	46	1.2

DRILL LOG REPORT

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From	To	Lithology		
11.0	12.39	ShV	M	Interval of sheeted calcite veins.
12.39	14.5	Bc	M	
14.5	14.66	Dyk	S	Quartz feldspar dyke.
14.66	42.85	Bc	M	
42.85	43.07	G	M	Fault gouge. Faint foliation can still be recognized.
43.07	50.16	Bc	M	
50.16	50.45	ShV	M	Multiple parallel sheeted quartz veins cross-cut by calcite veins.
50.45	55.0	ShV	W	Sheeted quartz veins and lens.
55.0	57.7	ShV	S	Large broken and offset quartz veins. Calcite veinlets cross-cit foliation and quartz. Quartz veins are up to 6cm wide.
57.7	59.8	Bc	M	
59.8	59.96	ShV	S	Sheeted calcite veins with sericite alteration.
59.96	66.45	Bc	M	Slickenlines are commonly seen on fracture surfaces.
66.45	66.65	Dyk	S	Fine grained pink felsic (Apilite) dyke. True width 12 cm. Contacts are sharp at 60 dtca.
66.65	69.0	Bc	W	
69.0	69.3	G	S	Fault gouge with large sub-angular fragments from 0.1 to 2.0cm in diameter. The majority of the movement appears to have occurred at 69.01m.
69.3	74.7	Bc	S	Very broken and blocky core.
74.7	89.0	STK	M	Moderate epidote and calcite stockwork veining. The veins appear to be dominantly at60 or 0 dtca.
89.0	91.77	Bc	S	Blocky and broken core.
91.77	91.93	Dyk	S	Granitic dyke. True width 6cm.
91.93	97.88	Bc	S	Strongly broken and blocky core with local rubble intervals. Local fractures host slicklines which appear to show reverse faulting. Oriented core was not available for this interval.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862624	74.3	75.3	1	0.9	0.05	54.8	1.7	81	0.9
A0862625	75.3	76.3	1	0.7	0.05	69.7	1.5	77	0.25

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
8.5	Vqtz	75				Lower contact of white quartz vein
10.2	Vcc	60				Pyritic calcite vein.
11.5	Vcc	80				Pyritic calcite vein.
14.6	Dyk	45				Quartz feldspar dyke.
21	Fol	60				
32	Vqtz	37				Few quartz veins up to 1 cm in width, oriented perpendicular to and cut by the preceding calcite veins.
32.01	Vcc	45				highly oxidized calcite vein fractured at the edge, mm scale. cross cuts a quartz vein
37.9	Vcc	30				calcite vein controlled by fracturing, variable dip from 30 to 50 degrees. mm scale, several veins with the same orientation within 10 cm of point.
41.24	Fol	65				
43	G	65				measured edge of gouge core block, the surface measured may not represent the fault plane (uncertain).
50.41	Vqtz	60				sheeted quartz veins up to 1 cm thick cut by smaller (mm thick) calcite veins.
55.73	Vcc	30				Calcareous vein with a dark green mineral (actinolite?), quartz and calcite. the alteration halo has the same orientation and has bleached the wall rock. Sulfides are absent in the vein but present in the altered and unaltered wall rock.
57.87	Fol	58				
59.9	Vcc	50				Several calcite veins from 1 mm to 1 cm wide, cross cut by a sinistral fault oriented perpendicular to the veins.
59.91	Flt	15				Sinistral fault cross cutting calcite veins
64.54	Fol	60				Foliation defined by amphibole(?) crystal orientation.
66.51	Dyk	60				upper contact of aplite dike.
66.67	Fol	55				foliation of the aplite dyke
74.2	Vqtz	60				1 cm wide quartz veins with mm wide pyrite veins cross cutting roughly perpendicular
80.91	Vqtz	60				quartz vein with epidote and iron oxidization likely from alteration. 1 cm wide
83	Vqtz	5				quartz and epidote vein up to 1 cm wide. epidote Crystals are up to 1 mm long
83.56	Vqtz	60				quartz vein with epidote, garnet? and amphibole?
84.59	Fol	45				
89.2	Vqtz	60				up to 3 cm wide, coarse grained white translucent quartz with minor pyrite grains distributed along the margins
95.19	Vqtz	60				<1 cm wide with minor pyrite grains along the margins

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97.94	Fol	45

Geotech

From	To	Recovery	Recovery %	Comments
5	8	1.18	39.33	low rec from washed material
8	11	2.03	67.67	very broken/rubble
11	14	2.39	79.67	very broken /rubble
14	17	2.1	70	very broken /rubble
17	20	2.02	67.33	very broken / washed away
20	23	3	100	broken
23	26	2.94	98	1.44-0.46broken
26	29	2.86	95.33	broken/minor rubble
29	32	2.79	93	broken/rubble
32	35	2.57	85.67	very broken
35	38	2.4	80	verybroken/rubble
38	41	2.32	77.33	very broken /rubble
41	44	2.4	80	very broken/rubble/gouge
44	47	2.78	92.67	very broken /rubble
47	50	2.11	70.33	very broken /rubble
50	53	2.4	80	very broken /rubble
53	56	2.77	92.33	broken/rubble
56	59	2.64	88	verybroken
59	62	2.47	82.33	very broken /rubble
62	65	2.86	95.33	verybroken
65	68	2.56	85.33	1.22_0.62 broken
68	71	2.09	69.67	loss from gouge and rubble
71	74	2.24	74.67	very rubbly
74	77	3	100	very broken
77	80	2.94	98	verybroken
80	83	2.94	98	broken
83	86	3.13	104.33	broken
86	89	2.88	96	very broken
89	92	2.2	73.33	very broken /rubble

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92	95	2.5	83.33	very broken /rubble
95	98	2.52	84	very broken /rubble
98	101	1.62	54	loss

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q26-20-01

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-16-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-17-2020	**Easting:**	409,765
Actual depth:	74.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,663
Target:						**Elevation:**	1,346

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	178	178	-45	
20	Reflex Hanstone	154.3	172.3	-44.6	
73	Reflex Hanstone	155.8	173.8	-45.2	

From	To	Lithology
0	**4.5**	**CAS - Casing**

Casing to 4.5

From	To	Lithology
4.5	**74**	**MV - Mafic Volcanic**

Medium to dark gray, fine grained, well foliated / bedded to massive, intermediate to mafic volcanics (/volcanogenic sediments). Cross cut by mafic volcanic dykes from 10.6 to 12.1 m, and from 54.5 to 55.5 m with local narrower (<50cm) dykelets proximal to main dykes. Pervasive weak chlorite, domainal trace epidote, weak carbonate, and patchy weak silicification are typical background alteration of this unit. Foliation fairly consistent, generally ~50 dTCA steepening gradually to 65 dTCA at 69 m. Lower contact is EOH in blocky core.

White, fairly clean calcite vein from 41.8 to 41.94 m. Irregular, narrow (<25 cm), vuggy, altered, oxidized, mineralized quartz veins present from 42.83 to 44.7 m, comprising approximately 25% of the interval.

Fairly competent, generally moderate fracturing with several narrow intervals of blocky core +/- faulting above 39 m. Weak shearing and strong hydrothermal brecciation / stockwork fracturing through main vein zone from ~40 to 44.8 m. Small foliation parallel gouge from 42.1 to 42.14 m. Blocky core and moderate faulting common from ~48.9 to 67.2 m, with several narrow gouges. Blocky core from ~72 to 74 m.

Rust staining occurs sporadically on fractures througout. Rare oxidized gouges. Patchy and locally structurally controlled moderate carbonate alteration locally throughout. Alteration associated with the main mineralized zone from ~40 to 44.8 includes strong structurally controlled carbonate + siderite, pervasive moderate and locally strong silicification, strong fracture controlled oxidation and patchy strong yellow brown hydrothermal alteration.

Sporadic trace fine grained disseminated py throughout. Patchy moderate oxide mineralization throughout. Malachite observed on fracs from 32.2 to 32.4 m.The main mineralized zone from ~40 to 44.8 m, contains patchy strong oxide mineralization (30%), coarse grained galena (5%) from ~40.2 - 40.5m and from 43 to 43.3 m, and disseminated, veinlet and stringer pyrite (~1%) throughout

Minor Lithology	*Type/Description*		*Comments*
10.6 - 12.1	Dia	Diabase Dyke	Dark greenish gray to altered brown, fine grained, porphrytic, mafic volcanic feeder (?) dyke. Comprised of approximately 20% plagioclase laths <1mm, 10% black, brown and green acicular pyroxene in a fine grained dark green matrix. Trace disseminated fine grained py. Local pervasive greenish medium brown structurally controlled (?) alteration Upper and lower contacts are fractured / faulted.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867783	4.5	5.0	0.5	2.9	0.1	186.7	1.4	33	2
A0867784	10.0	10.6	0.6	0.25	0.05	79.6	0.9	29	0.9
A0867785	10.6	11.35	0.75	1.6	0.05	44.8	6.3	71	7.7
A0867786	11.35	12.1	0.75	1.9	0.05	60.2	9.2	89	19.1
A0867787	12.1	13.0	0.9	1.3	0.05	73.6	3.6	45	9.6
A0867788	16.0	17.0	1	0.7	0.05	28.9	0.8	18	0.8
A0867789	17.0	17.5	0.5	44.9	0.1	12.2	3.2	43	0.25
A0867791	17.5	18.0	0.5	19.5	0.4	52.7	204.4	209	0.8
A0867792	18.0	19.0	1	1.9	0.05	30.5	2	19	0.9
A0867813	28.0	29.0	1	13.6	0.1	23.4	4.4	30	0.6
A0867814	29.0	30.0	1	15.2	0.1	12.2	3.4	31	0.9
A0867815	30.0	31.5	1.5	7.2	0.1	36.8	1.6	21	0.25
A0867793	31.5	32.0	0.5	4.4	0.3	217.8	2	31	0.8
A0867794	32.0	32.5	0.5	12.4	0.6	308.6	1.7	25	1.5
A0867795	32.5	33.0	0.5	1.5	0.05	29.8	1.4	22	1.2
A0867796	35.0	36.0	1	6.5	0.1	63.2	2.5	21	0.6
A0867797	38.0	38.54	0.54	0.8	0.05	2.6	1.3	8	0.25
A0867798	38.54	39.54	1	2.3	0.05	50.2	6.4	16	0.9
A0867799	39.54	40.0	0.46	2.8	0.05	11.4	7.1	38	0.5

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From	To	Lithology	
54.5	55.5	Dia Diabase Dyke	Dark greenish gray to altered brown, fine grained, porphrytic, mafic volcanic feeder (?) dyke. Comprised of approximately 20% plagioclase laths <1mm, 10% black, brown and green acicular pyroxene in a fine grained dark green matrix. Local pervasive greenish medium brown structurally controlled (?) alteration. This unit is part of a larger faulted interval of blocky core therefore contacts are fractured / approximate.

Alteration	***Type/Style/Intensity***	***Comments***
4.5 - 39.7	Si P W	Locally moderate
4.5 - 39.7	Carb FV W	Patchy + locally structurally controlled + sporadic vein carbonate. Rhodochrosite observed at 35 m.
4.5 - 74.0	Chl Pv W	Pervasive trace to weak. Locally structurally controlled moderate
4.5 - 74.0	Ep P W	Patchy domainal epidote
4.5 - 74.0	Rs FV W	Sporadic staining on fractures throuhgout
39.7 - 44.8	Carb FV S	Strong stockwork carbonate and local thick calcite veins + bands. Local rhodonchrosite (pink carbonate)
39.7 - 53.0	Si P M	Locally strong
41.35 - 44.8	Hem Pv S	Strong structurally controlled oxidation / hematization
41.35 - 44.8	Sid FV M	
53.0 - 74.0	Si P W	Locally moderate

Mineralization	***Type/Style/%Mineral***	***Comments***
4.5 - 74.0	Py Tr 0.1%	Sporadic trace disseminated py
28.0 - 31.5	Ox FR 5%	Moderate oxidation mineralization along fractures and within gouge
32.2 - 32.4	Ox FR 5%	Malachite, hematite and black fracture coatings on strongly silicified / cherty altered rock
35.5 - 36.0	Ox FR 5%	
40.0 - 40.5	Gn S 5%	Stringers and disseminated medium to coarse grained galena.
40.0 - 44.8	Py FR 1%	Weak fine grained disseminated, stringer and veinlets of py in veins and alteration zone.
40.9 - 44.8	Ox FR 30%	Moderate to strong oxide staining / mineralization through vein alteration zone.
42.83 - 43.0	Gn FR 5%	Stringers and disseminated medium to coarse grained galena. Large aggregate of galena in vein quartz from 42.95 to 43.3 m.
65.0 - 66.0	Ox FR 1%	Weak bright orange fracture coatings

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867800	40.0	40.5	0.5	8.2	0.05	12.3	6	11	0.25
A0867801	40.5	41.35	0.85	14.4	0.05	11.5	4.4	51	0.25
A0867802	41.35	42.2	0.85	13.3	0.3	20.4	14.6	97	0.6
A0867803	42.2	42.83	0.63	11	0.4	66	47.8	167	0.9
A0867804	42.83	43.3	0.47	4573.8	100	301.6	10000	215	0.7
A0867805	43.3	44.3	1	891	9	270.3	4544.1	525	0.25
A0867806	44.3	44.8	0.5	13752.3	78.1	1175.5	3676.4	386	1.8
A0867807	44.8	45.5	0.7	53.2	0.9	45	120.5	249	0.25
A0867808	45.5	46.5	1	9.6	0.3	58.2	41.5	105	0.7
A0867809	46.5	47.5	1	3.1	0.1	129.2	10.4	16	1.9
A0867810	53.0	54.0	1	132.6	0.5	40.2	59.6	56	0.9
A0867811	54.0	55.0	1	16.4	0.2	40.7	16.9	42	0.9
A0867812	55.0	56.0	1	7.3	0.1	93.7	6.3	95	1.3

Project: Doc Project **Hole Number:** Q26-20-01

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Structure	*Type/Intensity*	*Comments*
4.5 - 10.5	Bc M	Broken very locally blocky core
4.5 - 48.6	Bc W	Weak to moderate brittle defm. Approx 60% of the interval is fairly competent and 40% is strongly fractured to faulted.
10.5 - 14.0	Flt M	Weak to moderate faulting associated with dyke (faulting related to dyke emplacement?). Weak clay coatings common on fractures. 5mm of gypsum buildup on fracture at 13.9 m, sub // TCA. Weak 2cm gouge at 13.7 m.
23.8 - 24.5	Flt M	Fault zone. Gouge material over ~5cm in blocky core at 23.9 m. Somewhat broken up crackle bx
28.2 - 31.5	Flt M	Fault zone. Blocky / fractured core 30.9 m and rubble / gouge below. Gouge matrix is mostly green gray clay with patchy oxidized orange clay.
40.0 - 44.5	BX S	Hydrothermal breccia zone. Healed stockwork fracturing / carbonate +/- quartz veining results in most of the interval being crackle bx. Brecciation strength is patchy with the strongest deformation/alteration from 40.2-41 m, 41.35-43.3 m and 44.25-44.8 m.
41.0 - 44.8	She W	Slight grain size reduction
41.8 - 41.94	Vcc S	White carbonate vein, ~40 dTCA. Few fractures or inclusions. Bifurcates around strongly altered orange host rock.
42.1 - 42.14	G M	Fault gouge. Well preserved, with coarser fragments of host rock in centre and smaller rounded fragments at margin. Matrix light brown clay. 43 dTCA.
42.83 - 43.3	Vqtz M	Wormy, vuggy, irregular quartz veining. Strongly altered host rock. Mineralized with trace diss py and coarse galena aggregate.
44.4 - 44.51	Vqtz M	Altered, vuggy, irregular quartz vein. Strongly oxidized with trace fresh disseminated py. Roughly 80 dTCA
44.6 - 44.67	Vqtz M	Altered, vuggy, irregular quartz vein. Strongly oxidized. Roughly 80 dTCA
44.9 - 46.32	Flt M	Fault zone. Blocky core with 3 cm gouge at 45.95 m.
49.0 - 58.8	Flt M	Fault zone. Blocky core over 75% of the interval. Several narrow gouges. Crackle breccias common. Thick brown gray green clay common as gouge material, fracture coatings and as weak consolidation of bx.
60.4 - 60.42	G W	2cm gouge. Green brown matrix. 35 dTCA
61.7 - 67.25	Flt M	Fault zone. Blocky core/ rubble over ~50% of interval. Deformation less intense from 63.8 to 66 m.Thick brown gray green clay common as gouge material, fracture coatings and as weak consolidation of bx.
67.25 - 72.5	F M	Moderate fracturing. Infrequent clay coatings and thin (<3cm) gouges.
72.5 - 74.0	Flt W	Blocky core with broken up gouge material from 72.7 to 72.8 m and from 73.6 to 73.8 m

Project: Doc Project **Hole Number:** Q26-20-01

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
8.6	Fol	50				
11.3	Flt	10				fault along dyke contact
19.5	Fol	50	35			
20.8	Fol	50				
21.3	Fol	55				
25.4	Fol	50	55			
26.5	Fol	40				
28.1	Fol	55				
33.4	Fol	50				
35.55	VL	40				oxidized py stringer
38	Fol	45	40			very subtle
39.5	Dyk	40				
41.8	Vcc	43				upper contact
41.94	Vcc	35				lower contact
42	She	33				
42.14	G	43				lower contact
42.4	She	40				
46.5	Fol	50				
47.3	F	25	315			
47.35	F	65	90			appears to be sub // to very faint fol
48.1	Fol	60				
52.85	F	28	250			
52.86	VL	60	30			appears to be sub // to subtle fol
60.15	Fol	70				subtle
60.5	G	30				
61	Fol	65				
68.8	Fol	65				

Geotech

From	To	Recovery	Recovery %	Comments

Project: Doc Project **Hole Number:** Q26-20-01

4.5	5	0.98	196
5	8	2.85	95
8	11	3.1	103.33
11	14	3.05	101.67
14	17	3.08	102.67
17	20	3.15	105
20	23	2.9	96.67
23	26	3.15	105
26	29	2.91	97
29	32	2.32	77.33
32	35	3.25	108.33
35	38	3.09	103
38	41	3.2	106.67
41	44	2.85	95
44	47	3.03	101
47	50	3.09	103
50	53	2.93	97.67
53	56	3.06	102
56	59	3.08	102.67
59	62	2.86	95.33
62	65	3.07	102.33
65	68	3.25	108.33
68	71	2.9	96.67
71	74	2.71	90.33

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q26-20-02

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-17-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-18-2020	**Easting:**	409,765
Actual depth:	87.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,663
Target:						**Elevation:**	1,346

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	178	178	-60	
20	Reflex Hanstone	153.1	171.1	-61	
71	Reflex Hanstone	157.1	175.1	-59.8	

From	To	Lithology
0	**3**	**CAS - Casing**
Casing to 3m		
3	**86**	**MV - Mafic Volcanic**

Medium to dark gray, fine grained, bedded to massive, foliated, undifferentiated intermediate to mafic volcanics + volcanogenic sediments. Local lapilli tuff observed. Pervasive weak chlorite, domainal trace epidote, weak carbonate, and patchy weak silicification are typical background alteration of this unit. Lower contact is sharp and bedding parallel.

Strong, 5-30 cm wide, white, banded, barren, fractured, carbonate veins occur from 42.5 to 43.9 m and from 47.82 to 51.4 m. Dirty, altered, mineralized, irregular, fractured bull qtz veins occur from 51.5 to 51.7 m and from 52.55 to 52.95 m.

Rust staining occurs sporadically on fractures througout. Rare oxidized gouges. Patchy and locally structurally controlled moderate carbonate alteration locally throughout. Alteration associated with the main mineralized zone from 47.82 to 53.35 includes strong structurally controlled carbonate + siderite, strong fracture controlled and pervasive oxidation and patchy strong yellow brown hydrothermal alteration. Intervals of strong chlorite + strong carb (including rhodochrosite) + trace ep occur from 37.37 to 38.4 m and from 56.8 to 57.5 m.

Sporadic trace fine grained disseminated py throughout. Patchy moderate oxide mineralization locally throughout. The main mineralized zone from 47.82 to 53.35 m contains strong oxidized mineralization, trace disseminated py, and local quartz vein hosted / associated trace galena, py, and cpy/malachite.

Minor Lithology	*Type/Description*	*Comments*
29.0 - 32.0	Tuf Mafic Tuff	Mafic lapilli tuff. Well foliated. Matrix weakly silicified and moderately sericitized/

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 87.0	Rs FV W	Rust staining occurs sporadically on fractures throughout
3.0 - 87.0	Ep P W	Very local domainal epidote

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867816	20.0	21.0	1	11.4	0.1	54.5	7.1	47	0.8
A0867817	35.0	36.0	1	13.8	0.2	163.1	1.2	17	0.6
A0867818	36.0	37.0	1	5.8	0.2	89.4	1.5	18	2.2
A0867819	37.0	37.77	0.77	3.3	0.05	30.4	1	12	0.6
A0867821	37.77	38.4	0.63	1	0.05	12.5	1.7	4	0.7
A0867822	38.4	39.0	0.6	2.5	0.05	9.1	1.4	10	0.25
A0867823	39.0	40.0	1	3.5	0.2	5.7	1.3	8	0.25
A0867824	40.0	41.0	1	1.1	0.05	9.4	1.2	10	0.25
A0867825	41.0	42.0	1	1.3	0.05	13.9	1.9	8	0.25
A0867826	42.0	43.0	1	2.5	0.1	17.1	9.1	17	0.25
A0867827	43.0	44.0	1	58.9	1	46.4	200	74	1.8
A0867828	44.0	45.0	1	1.5	0.1	9.9	9.7	40	0.25
A0867829	45.0	46.0	1	8.9	0.05	17.9	6.8	16	0.25
A0867830	46.0	47.0	1	1.5	0.05	8.5	10.1	24	0.25
A0867831	47.0	47.82	0.82	1.6	0.1	12.7	12.2	46	0.25
A0867832	47.82	48.5	0.68	5.3	0.1	20.5	15.2	25	1
A0867833	48.5	49.3	0.8	1.6	0.05	46.6	6.7	10	0.6
A0867834	49.3	50.0	0.7	2.3	0.1	46.1	7.2	20	0.9
A0867835	50.0	50.8	0.8	4.4	0.3	52.3	126.7	75	1.8

Project: Doc Project **Hole Number:** Q26-20-02

From	To	Lithology	
3.0	87.0	Si P W	Patchy weak to locally moderate silicification throughout. Silicification intensity does not appear to increase significantly near mineralized zone (47.82 to 53.35 m)
3.0	87.0	Chl Pv W	Pervasive weak chloritization and local domainal and structurally controlled moderate chl
29.0	32.0	Ser Pv M	Moderate sericitization of matrix of lapilli tuff interval
40.7	41.0	Si Pv S	Narrow interval of bedding controlled (?) quartz flooding
41.9	42.1	Chl FV S	Micro bx with chlorite matrix
47.82	51.8	Carb FV S	Strong pervasive carbonate, abundant carbonate stockwork veining and several carbonate veins >15 cm wide
47.82	53.35	Hem P S	Patchy strong structurally controlled oxidation as fracture fill and pervasive staining.
47.82	53.35	Ser P W	Patchy weak to moderate
56.7	58.0	Carb FV M	

Mineralization		*Type/Style/%Mineral*	*Comments*
3.0	87.0	Py Tr 0.1%	Sporadic trace pyrite throughout. Generally fine grained disseminated but commonly associated with veinlets.
50.0	51.8	Gn FR 0.1%	Trace fracture fill fine grained galena, appears to be preferentially hosted in late cross cutting fracs
52.5	53.0	Gn FR 0.1%	Trace fine grained galena
52.5	53.0	Ccp FR 0.1%	Trace disseminated cpy
52.5	53.35	Ox Stn 30%	Pervasive strong oxidized mineralization
50.0	53.35	Py FR 0.1%	
49.3	51.8	Ox Stn 25%	Pervasive strong oxidized mineralization
47.82	48.5	Ox FR 20%	Moderate fracture controlled oxidized mineralization

Structure		*Type/Intensity*	*Comments*
3.0	47.2	F M	Blocky to broken core comprises approximately 80% of the interval. Few intervals of competent core >1m. Several fault gouges.
10.0	11.1	Flt M	Fault zone. Entire interval is rubble or blocky core. Preserved gouge not observed but some sand + clay locally.
21.9	22.0	G W	
24.0	25.7	Flt M	Fault zone. Blocky core with approx 4 weak gouges
25.07	25.1	G M	Small gouge. Brown gray clay matrix with rounded and angular fragments up to 2mm. ~55dTCA

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867836	50.8	51.8	1	48.6	0.5	41.6	126.9	110	1.3
A0867837	51.8	52.5	0.7	3.8	0.05	14	79	156	0.25
A0867838	52.5	53.0	0.5	341.1	5.3	473.6	2495.2	773	2.5
A0867839	53.0	53.35	0.35	916.2	3.7	54.3	366.2	102	5.7
A0867840	53.35	54.0	0.65	37.5	0.3	126.5	11.1	56	4.3
A0867841	54.0	55.0	1	1.9	0.2	138.5	7.5	19	3.3
A0867842	55.0	56.0	1	1.8	0.05	138	3.6	11	3.6
A0867843	56.0	57.0	1	1	0.05	39.7	2.1	13	1.2
A0867844	57.0	58.0	1	5.8	0.1	36.6	10.4	23	1.1
A0867845	58.0	59.0	1	6	0.2	97.4	8.3	49	1.6
A0867846	59.0	60.0	1	1	0.05	34.8	3.3	54	0.25
A0867847	60.0	61.0	1	15.6	0.2	94.1	53.5	58	0.7
A0867848	61.0	62.0	1	2	0.05	61.2	2.7	27	1.4
A0867849	62.0	63.0	1	1.8	0.05	147.9	3.3	10	6.3
A0867851	63.0	64.0	1	1.1	0.05	70	2.1	12	1.5

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From	To	Lithology			Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
25.48	25.63	G	M	Fault gouge. Brown gray green clay matrix with rounded and angular fragments up to 4mm. ~70 dTCA										
25.78	28.8	G	W	Small gouge. Brown gray clay matrix. ~50 dTCA										
27.7	28.0	Flt	W	Fault zone. Unconsolidated to weakly consolidated rubble /gouge. Fragments 5-70 mm.										
32.0	37.37	Flt	S	Fault zone. Blocky core + rubble to 36 m, with clay coating most fracture surfaces, local dark maroon clay. Below 36 m core is almost entirely rubble with locally intact gouge. Gouge matrix is green brown with trace bright orange staining.										
38.65	38.69	G	M	Gouge. Intact at 33 dTCA. Fragment rich with green brown clay matrix.										
42.3	44.0	Vcc	S	Thick banded, barren, carbonate veining and associated weak hydraulic brecciation. Associated moderate rust staining.										
45.5	45.8	Vcc	S	Fractured, strong barren white carbonate veins										
46.0	46.1	BX	W	Crackle bx with green clay matrix										
47.0	54.0	She	W	Weak shearing of host rock in vein / alteration zone										
47.82	51.8	Vcc	S	White, banded, 10-30cm carbonate veins comprise approximately 40% of the interval.										
47.82	53.5	STK	M	Healed stockwork fracturing filled with hm and cb. Randomly oriented where fracturing is strongest and foliation parallel where fracturing intensity decreases.										
51.5	51.7	Vqtz	M	Dirty, altered, mineralized, irregular, fractured bull qtz veins from 51.47 to 51.53 m 51.56 to 51.66 m.										
52.6	52.9	Vqtz	S	Dirty, altered, mineralized, irregular, fractured bull qtz vein										
57.0	70.4	Bc	M	Blocky core somewhat common with local narrow fault zones + gouges.										
57.9	58.1	Dyk	S	Altered mafic dyke										
67.0	67.15	G	S	Fault gouge. Brown clay and sand matrix.										
70.4	87.0	Bc	W	Core is mostly competent with some narrow intervals of moderate fracturing and very local weak gouges										
78.04	78.07	G	W	Pale green grey fill. 30 dTCA										

86 87 Mbl - Marble

Dull grey green, medium grained, bedded, marble (meta-limestone). Comprised of approximately 70% carbonate (calcite), 20% chlorite and 20% intebedded mafic volcanogenic sediments. Lower contact is EOH

Alteration		*Type/Style/Intensity*			*Comments*
3.0	87.0	Rs	FV	W	Rust staining occurs sporadically on fractures throughout
3.0	87.0	Ep	P	W	Very local domainal epidote

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
3.0	87.0	Si P W	Patchy weak to locally moderate silicification throughout. Silicification intensity does not appear to increase significantly near mineralized zone (47.82 to 53.35 m)										
3.0	87.0	Chl Pv W	Pervasive weak chloritization and local domainal and structurally controlled moderate chl										
Mineralization		***Type/Style/%Mineral***	***Comments***										
3.0	87.0	Py Tr 0.1%	Sporadic trace pyrite throughout. Generally fine grained disseminated but commonly associated with veinlets.										
Structure		***Type/Intensity***	***Comments***										
70.4	87.0	Bc W	Core is mostly competent with some narrow intervals of moderate fracturing and very local weak gouges										

Project: Doc Project **Hole Number:** Q26-20-02

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
11.8	Fol	60				
15.7	Fol	60				
17.5	Fol	50				
24.7	G	50				
25.07	G	55				
25.5	G	70				strong fault gouge
25.7	Fol	43				
30.6	Fol	45				
31.2	Fol	40				
38.5	G	35				
48.35	Vcc	70				
48.92	Vcc	40				
50.8	Vcc	35				
51.1	Vcc	25				
52	Vcc	22				
55	F	50	120			
55.9	F	25	350			
54.3	F	63	310			
55.8	Fol	47	110			very subtle
67.1	G	35				
61.6	F	40	190			
78.04	G	30				
86	C	77	140			somewhat irregular difficult to measure beta

Geotech

From	To	Recovery	Recovery %	Comments
3	5	2.45	122.5	
5	8	3	100	
8	11	3.03	101	
11	14	3.2	106.67	

Project: Doc Project **Hole Number:** Q26-20-02

14	17	2.91	97	
17	20	2.8	93.33	20m block was missed originally
20	23	2.75	91.67	so block placement estimated
23	26	3.33	111	Good below 23m
26	29	2.3	76.67	Core loss between 26 and 27
29	32	3.43	114.33	
32	35	2.8	93.33	
35	38	2.78	92.67	
38	41	3.44	114.67	
41	44	2.79	93	
44	47	3.24	108	
47	50	2.96	98.67	
50	53	3	100	
53	56	2.71	90.33	
56	59	3.1	103.33	
59	62	2.75	91.67	
62	65	3	100	
65	68	2.95	98.33	
68	71	2.8	93.33	
71	74	3.06	102	
74	77	2.92	97.33	
77	80	3.05	101.67	
80	83	2.85	95	
83	86	2.95	98.33	
86	87	0.72	72	

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q26-20-03

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-18-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-19-2020	**Easting:**	409,765
Actual depth:	106.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,663
Target:						**Elevation:**	1,346

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	178	178	-80	
20	Reflex Hanstone	148.4	166.4	-79.6	
74	Reflex Hanstone	146.9	164.9	-79.1	

From	To	Lithology
0	**3**	**CAS - Casing**

Casing.

From	To	Lithology
3	**58.05**	**MV - Mafic Volcanic**

Medium to dark gray, fine grained, bedded to massive, foliated, undifferentiated intermediate to mafic volcanics + volcanogenic sediments. Local lapilli tuff observed. Pervasive weak chlorite, domainal trace epidote, weak carbonate, and patchy weak silicification are typical background alteration of this unit. Lower contact is somewhat sharp and mafic volcanic is interbedded with underlying calc silicate.

Broken and/or blocky core common throughout with local minor fault zones to 48 m. Major fault zone from 48 to ~56.5 m. Competent below 56.5 m.

Rust staining occurs sporadically on fractures througout. Patchy and/ or structurally controlled moderate carbonate alteration occurs locally throughout. Very local quartz flooding. Strong chlorite + carbonate alteration from 46.5 to 47 m.

Sporadic trace fine grained disseminated py throughout. Patchy moderate oxide mineralization locally throughout.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	
20.0 - 21.0	Carb P M	
20.0 - 21.0	Carb P M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867852	24.0	25.0	1	0.9	0.05	40.1	1.7	8	0.9
A0867853	25.0	26.0	1	1.6	0.2	36.8	4.9	22	1.1
A0867854	26.0	27.0	1	0.6	0.05	16.2	1.6	17	0.5
A0867855	29.0	30.0	1	26.7	0.2	15.6	34.7	32	0.9
A0867856	39.5	40.0	0.5	1.9	0.05	46	0.7	22	0.25
A0867857	46.0	47.0	1	6.8	0.2	140.8	1.3	20	0.6
A0867858	47.0	48.0	1	1.2	0.05	9.7	2.7	12	0.25
A0867859	48.0	49.0	1	2.2	0.05	33.5	1.5	28	0.7
A0867860	49.0	50.0	1	2.5	0.05	11.2	1.1	14	0.25
A0867861	50.0	51.5	1.5	3.9	0.2	20.4	2.5	11	0.25
A0867862	51.5	53.0	1.5	2.4	0.2	36.2	0.9	31	0.25
A0867863	53.0	54.0	1	2.6	0.05	33.9	0.9	27	0.7

Project: Doc Project **Hole Number:** Q26-20-03

From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
29.6 - 29.8		Rs FV M											
34.59 - 34.83		Si Pv S	Quartz flooding associated with healed fracturing										
46.5 - 47.0		Carb Pv M	Marker horizion of rhodochrosite + calcite + chlorite alteration. Fractured.										
46.5 - 47.0		Chl Pv M	Marker horizion of rhodochrosite + calcite + chlorite alteration. Fractured.										
50.0 - 51.0		Carb P S	Carbonate veins / beds are only pieces of competent core in fault zone										
Mineralization		***Type/Style/%Mineral***	***Comments***										
3.0 - 106.0		Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.										
39.7 - 39.8		Py S 0.5%	Very thin (0.5 - 1 mm) pyrite stringers, following foliation										
40.7 - 40.8		Py D 1%	Medium grained py associated with chlorite + garnet (??? red mineral) alteration										
Structure		***Type/Intensity***	***Comments***										
3.0 - 18.3		F S	Blocky fractured and faulted core. Local moderate gouge + bx.										
9.8 - 10.0		G W	Weak gouge. Not intact: rubble and brown clay										
15.25 - 15.3		G W	Weak gouge. Irregular, sub // TCA.										
17.5 - 17.9		BX M	Weakly consolidated to unconsolidate crackle to mosaic bx + gouge										
18.3 - 24.7		F W	Weak fracturing of competent core										
24.7 - 26.5		Flt M	Fault zone. Blocky core with strong fault gouge sub // TCA from 25.3 to 25.6 m and moderat fault gouge/bx from 26.25 to 26.5 m.										
26.5 - 27.6		F W											
27.6 - 30.4		F S	Broken / blocky core interval, with very local moderate rust staining and weak gouge										
30.4 - 48.0		F W											
48.0 - 56.5		Flt In	Major fault zone. Fault damage zone with blocky core to rubble, and several moderate gouges from 48 to ~51 m. Fault core gouge from ~51 to 54 m, somewhat washed away with ~70% recovery, where gouge is intact it is approx 30% fragments with brown grey clay										
56.5 - 69.8		F W											
58.05	**61.23**	**Calc - Calc-Silicate**		A0867864	60.23	61.23	1	1.8	0.05	43	7.4	29	0.6

Light and dark green, fine to coarse grained, carbonate rich, well foliated / bedded to contorted, strong calc silicate alteration of mafic volcanic rock. Comprised of varying abundances of calcite, chlorite, rhodochrosite, clinopyroxene (diopsode), epidote, pyrite, quartz and garnet. Lower contact is conformable and gradual with bedding.

Project: Doc Project **Hole Number:** Q26-20-03

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
56.5 - 69.8	F W	

61.23 62.46 Sch - Schist

Medium grey, medium grained, well foliated, muscovite schist. Comprised of medium grained biotite in a fine grained intermediate matrix with bands of coarse quartz + feldspar and trace disseminated py. Lower contact is gradual and conformable with underlying mafic volcanic.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
56.5 - 69.8	F W	

62.46 69.8 MV - Mafic Volcanic

Medium to dark gray, fine grained, bedded +foliated, mafic lapilli tuff and tuff. Lower contact is sharp intrusive contact with mafic dyke.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867865	67.0	68.0	1	2.1	0.05	9.1	3.6	45	0.25
A0867866	68.0	69.0	1	75.7	0.7	24.6	9.2	51	0.25

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
		Irregular, cm scale, patchy, carbonate and quartz+carbonate veining, with white and pale yellow alteration haloes and trace py, occurs from 64.8 to 69.8 m. Veins + veinlets are carbonate rich above 67 m, below 67 m veins are quartz dominant with carb margins and contain slightly more py.	A0867867	69.0	69.8	0.8	31	0.2	19.7	5.7	51	0.7
		Competent with weak fracturing.										
		Weak localized rusty (limonite) fracture coatings. Local vein associated moderate carbonate and weak sericite.										
		Trace disseminated and fracture controlled py throughout. Pervasive weak to moderate chlorite. Patchy moderate silicification.										

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	
64.8 - 66.75	Ser FV W	

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
56.5 - 69.8	F W	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
69.8	**71.25**	**Dia - Diabase Dyke**	A0867868	69.8	70.5	0.7	10.8	0.2	20.3	8.2	88	4.1
		Massive, porphyritic, amygdular, mafic volcanic dyke. Comprised of 15% plagioclase laths (<1mm), 10% pyroxene phenocrysts (<1mm), and 5% quartz amygdules (up to 2mm). Upper contact is fractured at 25 dTCA and lower contact is faulted (gouge) at 18 dTCA. Raft / xenolith of altered host mafic volcanic from 70.45 to 70.6 m.	A0867869	70.5	71.25	0.75	29.3	0.2	33.9	8.9	93	3.2

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	

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From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
69.8 - 71.25	Dyk S	

71.25 72.6 Sch - Schist

Fault zone. Heterolithic fault gouge from 71.25 to 72 m, fractured muscovite schist from 72 to 72.4 m, strongly oxidized, altered and fractured rock (schist) to 72.55 m and oxidized gouge from 72.55 to 72.6 m. Lower contact of gouge is 33 dTCA.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate
3.0 - 106.0	Si P W	
3.0 - 106.0	Ep P W	Trace patchy domainal epidote
3.0 - 106.0	Carb P W	
3.0 - 106.0	Chl Pv W	
71.25 - 77.8	Hem P S	
71.25 - 83.0	Rs FV M	

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
71.25 - 72.6	Flt S	Fault zone. Strong gouge from 71.25 to 72 m, strong fracturing from 72 to 72.5 and moderate gouge from 72.5 to 72.6 m.
71.25 - 72.6	G S	Strong fault gouge. Approximately 40% fragments up to 3cm in a greenish gray brown locally rusty clay matrix.

72.6	**74.84**	**Unk - Unknown Lithology**	A0867871	72.6	73.5	0.9	881.5	3.2	14	8	4	0.9
			A0867872	73.5	74.0	0.5	232.4	8.3	327.5	8.4	21	2
			A0867873	74.0	74.8	0.8	11927.7	43.2	212.2	63.7	56	4.5
			A0867874	74.8	75.3	0.5	1876.5	12.7	42.3	151.5	61	0.7

White, massive, fractured, mineralized bull quartz vein (Q26). Vuggy with 1% dissseminated py. Strongly fractured with most fracs coated with orange or black oxidized mineralization coatings. Lower contact marked below 20 cm of oxidized altered mixed host rock and irregular veining at margin of relatively clean quartz vein and strongly altered but not oxidized host rock. Lower contact ~37 dTCA.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 84.0	Rs FV W	Locally moderate

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From	To	Lithology		
3.0	106.0	Si	P	W
3.0	106.0	Ep	P	W
3.0	106.0	Carb	P	W
3.0	106.0	Chl	Pv	W
71.25	77.8	Hem	P	S
71.25	83.0	Rs	FV	M
74.8	77.8	Si	Pv	M
74.8	77.8	Ser	Pv	M
74.8	77.8	Chl	Pv	M

Trace patchy domainal epidote

Mineralization	*Type/Style/%Mineral*	*Comments*
3.0 - 106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.

Structure	*Type/Intensity*	*Comments*
72.6 - 74.84	Vqtz S	Fractured, mineralized, bull qtz vein

74.84 95.27 MV - Mafic Volcanic

Medium to dark gray, fine grained, bedded to massive, foliated, undifferentiated intermediate to mafic interbedded lapilli tuff, tuff and flows. Unit is comprised of approximately 40% lapilli tuff, with dark green gray, stretched, mafic lapilli in a fine grained chloritized matrix. Foliation consistent, 30-40 dTCA. Lower contact is conformable marked at first marble layer, with interbedded mafic volcanics continuing below.

Mineralized quartz vein alteration zone from 74.84 to 77.80 m. Veining occurs as multiple generations of segmented bull quartz, quartz carbonate and carbonate veinlets. Bull quartz veins / veinlets appear to be late and host the bulk of sulphide mineralization. Alteration consists of strong pervasive silicification, patchy pervasive and fracture controlled oxidation, very local moderate pink potassic alteration, and patchy strong yellow hydrothermal (sericite+chlorite?) alteration. Sulphide mineralization comprised of fine to medium grained, disseminated and fracture/ veinlet controlled py (1%), patchy vein hosted medium grained galena and patchy moderate oxidized mineralization (20% locally).

Moderate fracturing from 74.84 to ~82 m with weak gouge from 77.6 to 77.7 m. Weak fracturing below 82 m.

Pervasive weak to moderate chlorite throughout. Rust staining common on fracs above 83 m, rare below. Weak calc silicate alteration from ~83 to 84 m. Patchy weak silicification. Patchy weak to moderate carbonate.

Patchy disseminated, fracture controlled and mm scale stringers of py, trace throughout, locally up to 1% abundance.

Alteration	*Type/Style/Intensity*	*Comments*

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867874	74.8	75.3	0.5	1876.5	12.7	42.3	151.5	61	0.7
A0867875	75.3	76.0	0.7	344.6	1.5	21.3	10.5	61	0.25
A0867876	76.0	76.5	0.5	759.6	3.8	18.1	766.5	80	0.25
A0867877	76.5	77.0	0.5	1056.3	5.9	20.7	890.5	56	0.9
A0867878	77.0	77.5	0.5	1493	8.1	23.6	1407.6	112	1.5
A0867879	77.5	78.0	0.5	680.2	3.7	76.6	212.3	100	1
A0867881	78.0	79.0	1	30.8	0.5	68.4	89.1	112	0.25
A0867882	79.0	80.0	1	24.3	0.6	29.2	135.3	86	0.25
A0867883	80.0	81.0	1	7.1	0.3	47.6	13.8	52	0.5
A0867884	81.0	82.0	1	19.1	0.3	87.8	7.5	61	0.6
A0867885	82.0	83.0	1	2	0.05	25.1	2.9	18	2.8
A0867886	83.0	84.0	1	2	0.05	30	4.3	7	3.5
A0867887	84.0	85.0	1	4.8	0.05	29.1	3.7	16	0.8
A0867888	88.0	89.0	1	2.1	0.05	60	3.2	24	1

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
3.0 - 84.0		Rs FV W	Locally moderate										
3.0 - 106.0		Si P W											
3.0 - 106.0		Ep P W	Trace patchy domainal epidote										
3.0 - 106.0		Carb P W											
3.0 - 106.0		Chl Pv W											
71.25 - 77.8		Hem P S											
71.25 - 83.0		Rs FV M											
74.8 - 77.8		Si Pv M											
74.8 - 77.8		Ser Pv M											
74.8 - 77.8		Chl Pv M											
76.5 - 77.0		K FV W											
83.0 - 85.0		Carb P M	Patchy moderate calc silicate alteration										
Mineralization		***Type/Style/%Mineral***	***Comments***										
3.0 - 106.0		Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.										
Structure		***Type/Intensity***	***Comments***										
74.84 - 83.0		F M											
77.6 - 77.7		G W	Weak gouge/ rubble										
83.0 - 98.5		F W											
95.27	**106**	**Mbl - Marble**		A0867889	104.75	105.6	0.85	1.6	0.05	40.2	3.9	7	0.6

White interbedded with dark green, fine to medium grained, bedded + well foliated, marble interbedded with mafic tuff and lapilli tuff. Carbonate beds frequently compressed with ptygmatic folds and commonly bear fragments / segmented mafic beds. Lower contact EOH.

Smoky barren quartz vein from 104.99 to 105.18 m.

Pervasive weak and patchy moderate chloritization. Cm to dm intervals of intense sericitized rock occurs between quartz veins and marble beds 104.8 to 105.5 m

Very trace pyrite occurs sporadically.

Alteration	***Type/Style/Intensity***	***Comments***

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
3.0	106.0	Si P W											
3.0	106.0	Ep P W	Trace patchy domainal epidote										
3.0	106.0	Carb P W											
3.0	106.0	Chl Pv W											
Mineralization		***Type/Style/%Mineral***	***Comments***										
3.0	106.0	Py Tr 0.1%	Trace disseminated py occurs sporadically throughout.										
Structure		***Type/Intensity***	***Comments***										
83.0	98.5	F W											
98.5	106.0	F M	Blocky core from 98.5 to 98.7 m and from ~102 to 104.5 m.										

Project: Doc Project **Hole Number:** Q26-20-03

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
14.2	Fol	35				
21	Fol	35				
31.8	Fol	40				
34.3	Fol	35				
39.7	Fol	50				
45.3	Fol	60				
71.25	G	18				
82.55	Fol	33				
86.7	Fol	35				
87.5	Fol	35				
89.2	Fol	30				
92.5	Fol	38				
95.27	C	42				
98.3	Bed	45				
99.7	Bed	28				
100.5	Bed	53				
102	Bed	37				
105	Vqtz	55				
72.6	G	33				contact of gouge with quartz vein

Geotech

From	To	Recovery	Recovery %	Comments
3	5	1.97	98.5	
5	8	2.96	98.67	
8	11	2.85	95	
11	14	3.38	112.67	
14	17	3.1	103.33	
17	20	3.08	102.67	
20	23	2.82	94	
23	26	2.72	90.67	

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26	29	3.05	101.67
29	32	2.7	90
32	35	3.28	109.33
35	38	2.95	98.33
38	41	3.2	106.67
41	44	3.06	102
44	47	3.03	101
47	50	2.38	79.33
50	53	2.15	71.67
53	56	2.36	78.67
56	59	2.88	96
59	62	3.03	101
62	65	2.99	99.67
65	68	3.14	104.67
68	71	2.91	97
71	74	3.12	104
74	77	3.22	107.33
77	80	2.78	92.67
80	83	3.2	106.67
83	86	3.01	100.33
86	89	2.9	96.67
89	92	3.06	102
92	95	2.93	97.67
95	98	3.01	100.33
98	101	3.15	105
101	104	3.25	108.33
104	106	2.2	110

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q28-20-01

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-19-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-20-2020	**Easting:**	410,244
Actual depth:	41.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,552
Target:						**Elevation:**	1,290

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	200	200	-45	
20	Reflex Hanstone	181	199	-45	

From	To	Lithology
0	**3**	**CAS - Casing**
Casing		
3	**41**	**MV - Mafic Volcanic**

Dark greenish grey, fine grained, massive to weakly bedded + foliated, mafic volcanics / volcanogenic sediments (tuff).

Altered, rusty, dirty, fractured, bull quartz vein intersected from ~14.4 to 15.95 m (30% core loss). Trace to weak alteration halo extends upwards to ~13.6 m and below vein to ~17.47 m, consisting of patchy strong silicification, patchy strong oxidation and weak sericitization.. Trace to 2% sulphides, including galena, py and trace cpy observed from 13.6 to 14 m and from 17 to 17.47 m. Strong oxidation mineralization occurs from 14 to 15.95 m, as fracture coatings and pervasive oxidation at vein margins. Narrow quartz veinlet and alteration band from 35.9 to 36 m, with associated 5% disseminated py.

Core is fairly competent overall. Blocky core from casing at 3 m to ~9 m. Weak fault gouge at vein margin from 14.1 to 14.2 m. Bull quartz vein is strongly fractured / rubble from 14.4 to 15.95 m. Very local blocky core below.

Pervasive weak to moderate chlorite alteration of volcanics throughout. Very local domainal weak epidote. Weak carbonate veinlets and bands throughout. Patchy weak to moderate silicification below 16 m.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 41.0	Chl Pv W	
3.0 - 14.0	Rs FV W	
14.0 - 15.95	Hem FV S	
15.95 - 41.0	Rs FV W	
3.0 - 41.0	Carb FV W	Trace carbonate veinlets and very local bands occur sporadically throughout
3.0 - 41.0	Ep P W	Very local weak domainal ep
13.6 - 14.0	Si Pv S	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867891	11.0	12.0	1	4.4	0.1	89.4	1.3	59	0.25
A0867892	12.0	13.0	1	2.1	0.1	81.8	4.5	83	0.6
A0867893	13.0	13.6	0.6	1.2	0.3	78.8	23.7	93	1.2
A0867894	13.6	14.0	0.4	8.5	1.6	181	243.8	145	1.2
A0867895	14.0	15.0	1	258.1	2.4	148.3	60.5	108	2.4
A0867896	15.0	16.0	1	1641.9	8.6	93.9	47.3	62	1.2
A0867897	16.0	17.0	1	15.4	0.8	158.5	123.8	111	0.6
A0867898	17.0	17.47	0.47	244.6	3	657.5	1591.4	1176	1
A0867899	17.47	18.0	0.53	2.4	0.2	94.7	12.2	97	0.8
A0867900	18.0	19.0	1	5.2	0.1	93	5.8	80	0.5
A0867901	19.0	20.0	1	2.6	0.1	135	4	66	0.5
A0867902	20.0	21.0	1	1.8	0.1	123.4	2.1	66	0.25
A0867903	35.15	35.75	0.6	4.7	0.2	84.8	1.9	102	0.25
A0867904	35.75	36.15	0.4	15.3	0.4	82.2	10.2	92	0.25
A0867905	36.15	37.15	1	2.1	0.3	69.9	205.3	266	0.25
A0867906	37.15	38.0	0.85	16.4	0.4	111.4	53.2	168	0.25

Project: Doc Project **Hole Number:** Q28-20-01

From	To	Lithology
17.0	18.0	Si Pv M
18.0	41.0	Si P W
13.6	14.0	Ser Pv W
17.0	17.47	Ser Pv W

Mineralization	Type/Style/%Mineral	Comments
3.0 - 41.0	Py Tr 0.1%	Sporadic trace disseminated py throuhgout.
13.8 - 14.1	Gn Tr 0.1%	Trace fine grained galena along fractures
17.0 - 17.47	Py D 1%	Disseminated fine grained py associated with qtz veinlets
17.0 - 17.47	Gn FR 1%	Fine to medium grained galena hosted in mm scale qtz veinlets
17.0 - 17.47	Chl Tr 0.1%	Trace cpy hosted in mm scale qtz veinlets
14.0 - 15.95	Ox FR 30%	Strong oxide mineralization at vein margins and along most fractures
35.8 - 36.0	Py FR 5%	Vein hosted medium grained anhedral to subhedral py

Structure	Type/Intensity	Comments
3.0 - 9.0	F S	Blocky core
9.0 - 14.1	F W	Weak fracturing / broken core
14.4 - 15.95	Vqtz M	Bull quartz vein, strongly fractured, altered and dirty
14.1 - 15.95	F S	Strong fracturing, blocky core to rubble
14.1 - 14.2	G M	Gouge. Rusty brown sand and clay matrix.
15.95 - 25.0	F W	
25.0 - 27.0	F M	Somewhat blocky core
27.0 - 41.0	F W	Very local blocky core

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q28-20-01

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
9.8	F	20				Clean
12.9	F	75				
16.9	F	55	10			Polished with trace rusty coating.
17.07	VL	53	100			8mm wide irregular quartz veinlet, vuggy with weak sericite and moderate hematite. Mineralized with 5% galena and 1% pyrite along margins.
19.95	Bed	80	185			Bedding offset mm scale by healed fractures.
19.94	F	25	225			Healed fracture offsets bedding by 3 mm and has trace sericite and rusty lining.
28.48	F	25	140			Dark brown rusty coating.
32.95	F	50	75			Trace brown and white clay coating.
35.3	F	50	350			Trace brown/green coating.

Geotech

From	To	Recovery	Recovery %	Comments
3	5	1.6	80	
5	8	2.91	97	
8	11	2.54	84.67	
11	14	2.98	99.33	
14	17	1.94	64.67	Driller note: HIT VOID
17	20	2.9	96.67	
20	23	2.8	93.33	
23	26	3.1	103.33	
26	29	3.12	104	
29	32	2.95	98.33	
32	35	2.97	99	
35	38	3	100	
38	41	2.92	97.33	

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q28-20-02

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Sep-20-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-20-2020	**Easting:**	410,244
Actual depth:	32.0	**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,244,552
Target:						**Elevation:**	1,290

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar Hanstone	190	190	-80	
32	Reflex Hanstone	173.1	191.1	-81.2	

From	To	Lithology
0	**9**	**CAS - Casing**

Originally set casing to 3 m, re-cased to 9 m. Drill crew spilled poly-mud on core, entire hole covered in drilling fluid

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 23.0	Si P W	
3.0 - 32.0	Chl Pv W	
3.0 - 23.0	Rs FV W	
3.0 - 32.0	Carb FV W	Trace fracture fill carbonate veinlets throuhgout

Structure	*Type/Intensity*	*Comments*
3.0 - 27.0	Bc In	Blocky core / rubble and poor recovery over the entire interval.

From	To	Lithology
9	**32**	**MV - Mafic Volcanic**

Dark greenish gray, fine grained, massive, undifferetiated mafic volcanics and volcanogenic sediments. Lower contact is EOH.

Main mineralized quartz vein intersected from 23.3 to 25.7 m with asymmetric alteration halo. Weak chlorite + hm + hydrothermal alteration extends upwards to ~22.5 m. Strong hydrothermal + hm + silicification extends from 25.7 m to 26.2 m, becoming patchy below 26 m eventually decreasing in intensity to trace fracture controlled alteration by 29 m and absent below. Quartz carbonate vein, anastomosing sub parallel TCA, with associated 1% disseminated py from 21.33 to 21.67 m. Galena bearing, cm scale, quartz veinlets observed from 25.9 to 26 m.

Pervasive weak chlorite alteration. Trace to weak rust staining on fractures throughout. Moderate to locally strong, fracture controlled hematization / oxidation from ~23 to 29 m. Patchy weak silicification above 23 m, and patchy moderate (very locally strong) silicification below.

Blocky core / rubble and poor recovery from 3 to 26 m, moderate fracturing below. Weak rusty gouge from 23.2 to 23.3 m.

Trace disseminated py likely occurs sporadically throughout, trace py observed from ~21-29 m as fine grained vein hosted and disseminated.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867907	20.0	21.0	1	2.3	0.2	101.2	3.3	107	0.8
A0867908	21.0	21.9	0.9	3.2	0.2	135	4.5	113	1.6
A0867909	21.9	22.5	0.6	6	0.2	127.7	3.8	84	2.3
A0867911	22.5	23.0	0.5	31.1	0.7	149.6	3.7	114	1.6
A0867912	23.0	23.3	0.3	1076.6	7	284.9	17.4	154	11.9
A0867913	23.3	24.0	0.7	418.7	2.8	125.3	30.7	36	3.4
A0867914	24.0	25.0	1	134.3	0.8	4.1	21.5	27	0.9
A0867915	25.0	26.0	1	613.8	3.7	23.3	469.7	93	1.7
A0867916	26.0	27.0	1	30.5	0.6	101.2	16.8	129	0.25
A0867917	27.0	28.0	1	100.7	0.9	115.2	203.2	146	11.1
A0867918	28.0	29.0	1	4.8	0.3	67.8	61.2	149	0.25

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q28-20-02

From	To	Lithology		
Alteration		***Type/Style/Intensity***	***Comments***	
3.0	23.0	Si P W		
23.0	32.0	Si P M		
3.0	32.0	Chl Pv W		
3.0	23.0	Rs FV W		
23.0	26.0	Rs FV S		
26.0	29.0	Rs FV M		
29.0	32.0	Rs FV W		
3.0	32.0	Carb FV W	Trace fracture fill carbonate veinlets throuhgout	
Mineralization		***Type/Style/%Mineral***	***Comments***	
21.0	29.0	Py FR 0.1%	Trace vein hosted and disseminated fine grained py	
23.1	26.0	Ox FR 20%	Patchy strong oxidation mineralization	
25.9	26.0	Gn FR 1%	Coarse grained galena observed in quartz veinlet	
26.0	29.0	Ox FR 10%	Fracture controlled weak oxide mineralization	
Structure		***Type/Intensity***	***Comments***	
3.0	27.0	Bc In	Blocky core / rubble and poor recovery over the entire interval.	
27.0	32.0	F M	Moderate fracturing of relatively competent core. Recovery good	
23.2	23.3	G W	Weak fault gouge. Rubble and rusty orange clay/sand	
23.3	25.7	Vqtz S	Strongly fractured, white, dirty, mineralized, bull quartz vein. Q28	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867919	29.0	30.0	1	3.7	0.2	85.2	9	97	0.6
A0867920	30.0	31.0	1	4.8	0.2	125.9	3.4	76	0.6
A0867921	31.0	32.0	1	4.5	0.1	122.8	3.2	80	0.25

DRILL LOG REPORT

Project: Doc Project **Hole Number:** Q28-20-02

Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
21.5	VL	0				Quartz carbonate veinlet bearing fine grained py. 1.5 cm wide. Cross cuts older barren quartz veinlet
25.93	VL	75				Galena mineralized quartz veinlet in massive bull qtz alteration halo. 1cm wide
27	F	55				Hm filled fracture. Appears to be main orientation of frac set
28.8	VL	50				Red rusty quartz veinlet. Almost entirely oxidized / hematized

Geotech

From	To	Recovery	Recovery %	Comments
3	5	2.5	125	
5	8	1.1	36.67	
8	11	1.4	46.67	Recase to 9m.
11	14	2.03	67.67	
14	17	2.6	86.67	
17	20	2.56	85.33	
20	23	3.06	102	
23	26	2	66.67	
26	29	2.81	93.67	
29	32	2.4	80	

DRILL LOG REPORT

Project: Galena Ridge **Hole Number:** GR-20-01

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-24-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-26-2020	**Easting:**	410,442
Actual depth:		**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,514
Target:						**Elevation:**	1,498

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	198	198	-45	
41	Reflex Hanstone	188.2	206.2	-44.5	
92	Reflex Hanstone	187.4	205.4	-44.9	
143	Reflex Hanstone	189.4	207.4	-44.5	

From	To	Lithology	Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0	**2.95**	**CAS - Casing**										
2.95	**6.84**	**MV - Mafic Volcanic**	A0862626	5.1	5.6	0.5	1.3	0.05	14.9	1.1	38	0.25
			A0862627	5.6	5.9	0.3	98.4	0.5	20.2	3.8	43	0.7
			A0862628	5.9	6.63	0.73	11.4	0.1	42.5	1.1	50	0.9
			A0862629	6.63	6.84	0.21	80.3	0.4	27.4	4	34	0.5
6.84	**10**	**CS - Calcareous Metasediment**	A0862631	6.84	7.0	0.16	1.8	0.05	8.2	4	5	1

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals that can not be distinguished with the naked eye. Siliceous volcanic sediments are common and occur in beds up to 4cm thick. The core is pervasively altered to chlorite. Silicification is strong and pervasive. The core is calcareous reacting to acid and is also weakly magnetic. The core is cross-cut by narrow mm-scaled echelon calcite veins. Oxidized intervals occur locally and are associated with pitted core and fractures. Foliation is faint at 70 dtca. Lower contact is sharp marked transitioning into calcareous meta-sediments.

Alteration	*Type/Style/Intensity*	*Comments*
2.95 - 6.84	Chl Pv M	
2.95 - 6.84	Si P S	Locally strong pervasive silicification.
5.78 - 5.9	Rs FV W	Weakly oxidized quartz carbonate fracture.
6.63 - 6.84	Rs Pv M	Oxidized alteration propagating from fractures.

Mineralization	*Type/Style/%Mineral*	*Comments*
4.5 - 4.9	Py FR 1%	Fracture controlled pyrite mineralzation.
5.78 - 6.63	Py Bl 1%	Blebby and fracture controlled pyrite.
6.63 - 6.84	Ox D 20%	Oxidized sulphides.

White to buff calcareous meta-sediments. The unit is fine-grained sandstone with calcareous cement that

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From	To	Lithology

strongly reacts to acid. The foliation is defined by black narrow mm-scaled bands. Green hard chert is intersected multiple times throughout the unit occurring as nodules, irregular bodies and discontinuous layers. They typically form during early diagenesis by precipitation of silica mobilized from biogenic sources. Small mm-scaled quartz and calcite veins commonly cut core. Pyrite occurs disseminated in chert intervals as well as concentrated in fractures. Foliation is variable at 30 to 45 dtca. Lower contact is sharp oriented at 30 dtca transitioning into mafic volcanics.

Alteration	*Type/Style/Intensity*	*Comments*
8.9 - 9.4	Rs FV M	Rusty fractures hosting pyrite.

Mineralization	*Type/Style/%Mineral*	*Comments*
6.84 - 10.0	Py D 0.1%	Trace pyrite usually occurring in chert.

10 48.8 MV - Mafic Volcanic

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals. Siliceous volcanic sediments locally with beds up to 4cm thick. The core is pervasively altered to chlorite. Silicification is moderate and locally strong. The core is calcareous reacting to acid and is weakly magnetic. Multiple 10cm wide intervals of calcareous meta-sediments are occasionally intersected throughout the unit. Calc-silicate veins are common and occur from 1 to 10mm in width. The core is cross-cut by narrow mm-scaled echelon calcite veins that host small scale micro-folds and kinks. Epidote stockwork veinlets are common throughout the unit. Trace pyrite and pyrrhotite occur disseminated throughout the unit with local intervals hosting up to 3% sulphides. Foliation is 60 to 70 dtca. Lower contact is sharp marked by calcareous meta-sediments.

Minor Lithology	*Type/Description*	*Comments*
16.8 - 17.1	CS Calcareous Metasediment	A small interval of calcareous meta-sediments.
17.5 - 18.13	CS Calcareous Metasediment	A small interval of calcareous meta-sediments hosting galena fractures and pyrite and a 0.5 m wide pyrrhotite band.
15.0 - 15.2	CS Calcareous Metasediment	A small interval of calcareous meta-sediments.

Alteration	*Type/Style/Intensity*	*Comments*
10.0 - 47.5	Si Pv M	
10.0 - 48.8	Chl Pv M	
23.2 - 23.85	Rs FV M	Rust alteration propagating from fracture into foliation.
29.95 - 30.1	Rs FV S	Fracture with rust stained gouge on the surface.
47.5 - 48.3	Si Pv S	Strongly silicified breccia. Fluids have bleached the core grey.
47.5 - 48.3	Bl Pv M	Bleached core from fluids striping chlorite from core.
48.3 - 48.8	Si Pv M	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862632	7.0	8.0	1	1.6	0.05	10.4	4.7	3	1.5
A0862633	8.0	8.9	0.9	1.4	0.05	9.3	6.9	11	2.3
A0862634	8.9	9.4	0.5	1.9	0.05	8.4	4.3	4	1.8
A0862635	9.4	10.0	0.6	2.6	0.05	10.7	3.7	5	1.9
A0862636	10.0	11.0	1	3.6	0.05	37	6.9	15	1.7
A0862637	16.5	17.5	1	1.8	0.05	64.8	1.6	22	0.7
A0862638	17.5	18.08	0.58	9	0.1	57.2	12	39	1.7
A0862639	18.08	18.13	0.05	17.5	2.6	70.3	2388.6	936	0.25
A0862640	18.13	19.0	0.87	0.25	0.05	18.5	1.9	31	0.7
A0862641	20.45	20.95	0.5	1.4	0.05	15.2	8.2	14	0.25
A0862642	20.95	21.19	0.24	1.5	0.05	19.9	2	15	1.1
A0862643	21.19	21.6	0.41	1.6	0.05	17.7	3.1	11	0.5
A0862644	21.6	22.6	1	0.7	0.1	84.1	3.6	46	0.25
A0862645	22.6	23.2	0.6	1.3	0.2	105	2.4	57	0.25
A0862646	23.2	23.85	0.65	34.7	0.3	97.2	3.7	86	0.6
A0862647	23.85	24.35	0.5	1.2	0.05	21.9	2.3	20	0.8
A0862648	29.1	29.6	0.5	5.1	0.2	117.6	3.7	67	0.25
A0862649	29.6	29.9	0.3	32.2	0.9	407.5	6.1	72	0.25
A0862650	29.9	30.2	0.3	279.5	5.4	183.7	1025.1	162	0.8
A0862651	30.2	30.7	0.5	1.4	0.2	86.2	3.2	52	0.25
A0862652	30.7	37.6	6.9	7.4	0.3	157.6	7.3	113	3.8
A0862653	37.6	38.2	0.6	5.7	0.2	62.6	6.9	118	2.6
A0862654	47.3	48.0	0.7	4.2	0.05	55.4	1.9	26	1.7

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From	To	Lithology

Mineralization	*Type/Style/%Mineral*	*Comments*
10.0 - 17.6	Po D 0.1%	Trace disseminated and patchy pyrrhotite.
10.0 - 68.8	Py FR 2%	Trace to locally 3% pyrite occurring in veins and stringers throughout the core.
17.6 - 17.7	Po Bed 30%	Pyrrhotite bed occurring with a black band in calcareous sediments.
17.7 - 33.37	Po D 0.1%	Very trace and disseminated pyrrhotite. Its tough to distinguish the disseminated fine grained pyrite from the pyrrhotite.
17.95 - 18.13	Gn FR 2%	Fracture vein controlled galena with pyrite. The galena is grey and soft (easily scratched with knife).
29.95 - 30.1	Gn FR 1%	Rusty fracture with minor gouge. Black fractures propagating from rusting fracture hosting pyrite and possible galena.

Structure	*Type/Intensity*	*Comments*
15.2 - 17.6	STK M	Cross-cutting epidote stockwork veinlets.
18.3 - 20.9	VL M	Calcite echelon veins.
20.9 - 21.19	ShV M	Narrow interval of sheeted quartz veins. The veins are 0.4 to 0.8 mm in diameter and discontinuous.
37.6 - 38.2	STK S	Stockwork calcite fractures with pyrite fractures. The interval is weakly bleached and broken.
38.2 - 47.5	Bc W	Weak to moderately broken core.
47.5 - 48.3	BX W	Weakly brecciated core with minimal movement. Most fractures are at 30 dtca. Interval has be strongly silicified.
48.3 - 52.6	Bc W	Blocky core with minor rubble intervals.

48.8 68.8 CS - Calcareous Metasediment

Buff to green calcareous meta-sediments. The unit is fine-grained sandstone with calcareous cement that strongly reacts to acid. Green hard chert is intersected multiple times throughout the unit occurring as nodules, irregular bodies and discontinuous layers. Small mm-scaled quartz and calcite veins commonly cut core. Pyrite occurs disseminated in chert intervals as well as concentrated along narrow black beds. The foliation at a low angle relative to the angles measured in the mafic volcanics usually wavy and erratic from 20 to 50 dtca. Lower contact is sharp oriented at 70 dtca transitioning into mafic volcanics.

Mineralization	*Type/Style/%Mineral*	*Comments*
10.0 - 68.8	Py FR 2%	Trace to locally 3% pyrite occurring in veins and stringers throughout the core.
68.7 - 69.0	Py Bl 5%	Blebby pyrite occur at the contact with calcareous sediments. Compositional plane of weakness between lithological units.

Structure	*Type/Intensity*	*Comments*
48.3 - 52.6	Bc W	Blocky core with minor rubble intervals.
52.6 - 53.0	F M	Narrow mm wide black fracture hosting pyrite and hematite (?). The fractures may also host galena.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862655	49.8	50.3	0.5	5.3	0.1	98.5	3.1	15	2.4
A0862656	50.3	50.5	0.2	3	0.05	71.5	1.8	15	2.1
A0862657	50.5	51.55	1.05	3.2	0.1	206.2	0.8	16	4.1
A0862658	51.55	52.6	1.05	3.5	0.05	136.1	1	16	3.1
A0862659	52.6	53.0	0.4	3.7	0.05	19.3	1.4	8	3.7
A0862661	68.1	68.6	0.5	0.25	0.05	58.3	2	6	1.1
A0862662	68.6	69.0	0.4	9.8	0.1	34.1	2.4	34	0.25

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
53.0 - 59.0		Bc M											
59.0 - 63.0		Bc S	Rubbly and broken core with fragments 1 to 5 cm in diameter.										
66.45 - 66.6		G M	Minor fault gouge. Orientation of fault can not be measured.										
66.6 - 69.7		Bc M	Moderately blocky core.										
68.8	**93.4**	**MV - Mafic Volcanic**		A0862662	68.6	69.0	0.4	9.8	0.1	34.1	2.4	34	0.25
				A0862663	69.0	70.0	1	6.9	0.2	67	1.1	36	0.25
				A0862664	73.8	74.0	0.2	2.5	0.3	101.7	3.7	125	0.25
				A0862665	80.1	80.5	0.4	104.9	1.4	17.9	100.9	202	1.2
				A0862666	80.5	81.3	0.8	85.6	0.6	89.9	5.3	105	0.25
				A0862667	81.3	81.8	0.5	6.6	0.2	85.7	4.8	71	0.25
				A0862668	84.0	85.0	1	8.9	0.1	68	1.7	49	0.25
				A0862669	87.8	88.0	0.2	4.5	0.1	81.2	1.8	54	2.4
				A0862670	91.9	92.6	0.7	5.2	0.2	67.4	1.3	50	0.25
				A0862671	92.6	93.4	0.8	5.6	0.1	47.6	6.8	23	1.3

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals. The core is pervasively altered to chlorite. Silicification is moderate and locally strong. The core is calcareous reacting to acid and is weakly magnetic. Trace pyrite and pyrrhotite occur disseminated throughout the unit with local intervals hosting up to 3% sulphides. Up to 5% pyrite occurs at the upper and lower contacts of the unit. Foliation is 60 to 70 dtca. Lower contact is sharp at 45 dtca marked by calcareous meta-sediments.

Alteration	***Type/Style/Intensity***	***Comments***
68.8 - 80.6	Chl Pv M	
68.8 - 93.4	Si Pv M	
80.6 - 81.3	Bl Pv S	Strongly bleached core associated with a fault gouge.
81.3 - 93.4	Chl Pv M	
90.0 - 90.3	Rs Pv M	Rust stained and oxidized interval.
90.3 - 101.6	C P M	Patchy green calc-silicate alteration.

Mineralization	***Type/Style/%Mineral***	***Comments***
68.7 - 69.0	Py Bl 5%	Blebby pyrite occur at the contact with calcareous sediments. Compositional plane of weakness between lithological units.
69.0 - 87.8	Py D 0.1%	Trace disseminated pyrite and minor pyrrhotite.
72.9 - 73.0	Ccp FR 1%	Chalcopyrite on fracture surface.
87.8 - 88.0	Py Bl 10%	A large bleb of granular pyrite. Calcite veins within the interval host pyrite.
88.0 - 93.4	Py D 0.1%	

Structure	***Type/Intensity***	***Comments***
66.6 - 69.7	Bc M	Moderately blocky core.
69.7 - 70.0	G S	Fault gouge with associated broken core. Some of the gouge as been washed away resulting poor core recovery.
70.0 - 71.6	Bc S	

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From	To	Lithology		
71.6 - 71.9		G	M	Fault gouge with associated rubbly core. Orientation can not be measured.
71.9 - 75.0		Bc	W	
75.0 - 75.4		G	M	Fault gouge with associated rubbly core. Orientation can not be measured.
75.4 - 77.5		Bc	W	
77.5 - 78.0		G	M	Fault gouge with associated rubbly core. Orientation can not be measured.
80.6 - 81.3		G	S	Soft gouge with bleached sericitized core. The interval is cut by large calcite veins 35mm in diameter. Trace granular pyrite occurs in veins.
81.3 - 93.0		Bc	M	
93.0 - 93.1		G	W	Small oxidized core with minor gouge material.
93.1 - 101.6		STK	S	The interval is moderately stockwork brecciated with calcite and pyrite veins. The interval is moderatey to strongly mineralized with pyrite.

93.4 101.6 CS - Calcareous Metasediment

Buff to green calcareous pyritic meta-sediments.The mineral assemblage includes quartz, calc-silicate minerals, calcite, diopside, pyrite and epidote. The unit is fine-grained sandstone with calcareous cement that strongly reacts to acid. The unit hosts significant pyrite mineralization from 3% to 20% locally. The pyrite is disseminated and also occurs in fractures. The core is weakly brecciated with stockwork calcite, pyrite and epidote veins. Calc-silicate alteration is patchy and irregular creating blotchy green intervals. Foliation has been over printed with alteration and veining. Lower contact is sharp oriented at 80 dtca transitioning into mafic volcanics.

Alteration	*Type/Style/Intensity*		*Comments*
90.3 - 101.6	C	P M	Patchy green calc-silicate alteration.

Mineralization	*Type/Style/%Mineral*			*Comments*
93.4 - 93.9	Py	SM	10%	Significant pyrite mineralization occurring at the contact between the MV and CS. Calcite stockwork veins also host significant pyrite. The interval also hosts 1% chalcopyrite.
93.4 - 94.4	Py	FR	5%	Fracture and vein controlled pyrite.
94.4 - 97.8	Py	D	0.1%	Trace pyrite.
97.8 - 97.9	Py	SM	40%	Semi-massive pyrite occurring 40 dtca.
97.9 - 98.3	Py	FR	1%	Fracture controlled pyrite in veinlets.
98.3 - 98.95	Py	Bed	10%	Pyrite occurring within black heavy mineral beds.
98.95 - 100.2	Py	FR	1%	Pyrite veintlets.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862672	93.4	93.9	0.5	5.4	0.1	38.8	6.3	9	5
A0862673	93.9	94.4	0.5	3.4	0.05	26	3	10	4.5
A0862674	94.4	94.9	0.5	0.8	0.05	10.6	1.7	15	2.3
A0862675	94.9	95.9	1	1.4	0.05	8.3	1.3	17	2.3
A0862676	97.0	97.58	0.58	2.8	0.05	28.2	1.7	12	2.2
A0862677	97.58	97.9	0.32	3.7	0.05	23.5	3.2	14	8.5
A0862678	97.9	98.3	0.4	0.8	0.05	8.3	1.8	17	4
A0862679	98.3	98.95	0.65	1.3	0.05	8.1	2.3	13	3.3
A0862680	98.95	99.57	0.62	1.9	0.05	6.3	1.7	11	4.6
A0862681	99.57	100.19	0.62	1.3	0.05	6.3	1.8	12	4.3
A0862682	100.19	100.66	0.47	4.2	0.05	15.1	2.5	7	4.6
A0862683	100.66	101.6	0.94	0.9	0.05	11.6	1.3	20	1.1

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
100.2 - 100.65		Py FR 20%	Pyrite veinlets occurring concordant to heavy mineral bed as well as occurring with calcite veins.										
100.65 - 101.6		Py FR 3%	Vein controlled pyrite.										
Structure		***Type/Intensity***	***Comments***										
93.1 - 101.6		STK S	The interval is moderately stockwork brecciated with calcite and pyrite veins. The interval is moderatey to strongly mineralized with pyrite.										
101.6	**117.9**	**MV - Mafic Volcanic**		A0862684	101.6	102.6	1	22.4	0.2	355.5	1.3	16	1.1
				A0862685	102.6	103.6	1	8.5	0.1	210.5	1.2	22	1.3
				A0862686	103.6	104.6	1	2.6	0.05	81.5	1.2	17	0.25
				A0862687	104.6	105.6	1	3.8	0.3	283.8	1.4	18	1.8
				A0862688	105.6	106.6	1	9.2	0.05	43.8	1	42	1
				A0862689	106.6	107.6	1	0.25	0.05	9.8	0.5	38	0.6
				A0862691	107.6	108.6	1	3.2	0.05	6.7	0.7	23	0.6
				A0862692	108.6	109.6	1	1.7	0.05	12.6	1.8	26	0.7
				A0862693	109.6	110.6	1	2	0.05	19.4	1.3	33	0.25
				A0862694	110.6	111.6	1	2.4	0.1	54.9	1.7	31	0.8
				A0862695	111.6	112.6	1	2.3	0.05	100.9	1	12	0.7
				A0862696	112.6	113.6	1	7.6	0.05	89.1	0.6	11	0.8
				A0862697	113.6	114.6	1	6.2	0.05	221.8	0.5	18	0.5
				A0862953	114.6	115.6	1	12.3	0.05	160.7	0.6	13	0.6
				A0862698	115.6	116.6	1	1.5	0.05	37	0.9	32	0.25
				A0862699	116.6	117.6	1	2.3	0.05	47	1.4	25	0.6
				A0862700	117.6	118.6	1	1.8	0.05	66.4	0.9	9	0.6

Greenish grey intermediate and mafic volcanics. The core consists of aphanitic mafic minerals until 112.2m where the core transitions into intermediate volcanics. The intermediate volcanics consist of pale green plagioclase and black magnetite. The core is weakly altered to chlorite. Silicification is moderate and locally strong. The core is calcareous reacting to acid and is strongly magnetic. Trace pyrite and pyrrhotite occur disseminated throughout the unit with local intervals hosting up to 10% sulphides. Foliation is faint at 50 dtca. Lower contact is sharp at 75 dtca marked by siliceous meta-sediments.

Alteration	***Type/Style/Intensity***	***Comments***
101.6 - 117.9	Si Pv M	
110.6 - 110.8	Bl P M	Moderately bleached breccia fragments.
112.8 - 115.5	Mag D S	Strong magnetite occurring throughout the interval as 1mm in diameter crystals.

Mineralization	***Type/Style/%Mineral***	***Comments***
101.6 - 104.1	Py D 5%	5% pyrite alteration concordant to CS and MV contact.
104.1 - 116.1	Py D 1%	
112.8 - 115.5	Mag D 10%	Strong magnetite occurring throughout the interval as 1mm in diameter crystals.
116.1 - 116.4	Py D 10%	Pyrite core with 10% disseminated pyrite.
116.4 - 124.3	Py D 0.1%	Trace disseminated pyrite.

Structure	***Type/Intensity***	***Comments***
101.6 - 110.6	STK M	Moderate calcite stockwork veining usually associated with pyrite.
110.6 - 110.8	BX W	Weakly brecciated core with large angular fragment up annealed with calcite. Fractures are bleached to pale beige.
112.4 - 112.8	Dyk S	Pale pink felsic dyke with 1% green mafics. Contact is 80 dtca.
112.8 - 113.0	Vqtz M	A quartz vein cross cutting core at 25 dtca. Width is 12mm. The vein appears to represent the contact between mafic volcanics and intermediate volcanics. White calcite occurs along the edge of the hanging wall side of the vein.

117.9	**124.3**	**SS - Siliceous Metasediment**	A0862700	117.6	118.6	1	1.8	0.05	66.4	0.9	9	0.6

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From	To	Lithology
		Grey to green siliceous meta-sediments. The core is hard and glassy with bands of fine grained grey and green sediments. The unit weakly reacts with acid. The unit hosts trace pyrite mineralization. Magnetite bands occur locally as dykes usually associated with calcite. Foliation variable at 35 to 50 dtca. Lower contact is sharp at 50 dtca transitioning into MV.

Alteration	*Type/Style/Intensity*	*Comments*
117.9 - 124.3	Si Pv S	Hard glassy siliceous sediments.

Mineralization	*Type/Style/%Mineral*	*Comments*
116.4 - 124.3	Py D 0.1%	Trace disseminated pyrite.
121.43 - 121.74	Mag SM 30%	Banded magnetite up to 15mm in diameter. Strongly magnetic occurring parallel to folaition. Sharp upper and lower contact at 45 dtca.
120.3 - 120.6	Mag FR 10%	Magnetite occurring within a quartz calcite vein along with pyrite.

Structure	*Type/Intensity*	*Comments*
120.3 - 120.6	Vcc S	Quartz calcite vein with pyrite and magnetite mineralization. Vein occurs at 20 dtca.

From	To	Lithology
124.3	**167**	**MV - Mafic Volcanic**
		Greenish grey mafic volcanics. Minor intervals of siliceous sediments occur locally. Silicification is moderate. The core is calcareous reacting to acid and is strongly magnetic. Amphibole crystals up to 2mm in diameter can be recognized locally throughout the unit. Trace pyrite and pyrrhotite occur disseminated with local intervals hosting up to 10% sulphides. Calcite veinlets are sparse usually occurring at 20 and 90 dtca. Core is hard and competent with foliation at 40 to 50 dtca with foliation in siliceous sediments occurring at 15 dtca. Lower contact is EOH.

Minor Lithology	*Type/Description*	*Comments*
159.0 - 160.0	SS Siliceous Metasediment	A small interval of banded siliceous metasedments with foliation at 40 dtca.

Alteration	*Type/Style/Intensity*	*Comments*
124.3 - 167.0	Si Pv M	
124.3 - 167.0	Chl Pv W	

Mineralization	*Type/Style/%Mineral*	*Comments*
124.3 - 167.0	Py D 1%	Trace to 1% disseminated pyrite.

Structure	*Type/Intensity*	*Comments*
131.9 - 132.4	BX W	Weakly brecciated core causing offset foliation and 1% pyrite mineralization. The interval is cross-cut by two quartz veins at 80 dtca.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862701	118.6	119.6	1	1.9	0.05	25.3	1	12	0.25
A0862702	119.6	120.6	1	15.5	0.3	417.4	1	15	1.4
A0862703	120.6	121.43	0.83	27.6	0.3	610.6	1	21	0.25
A0862704	121.43	121.74	0.31	11.4	0.3	597.1	1.5	9	1.4
A0862705	121.74	122.74	1	5.7	0.3	336.6	0.8	12	1.2
A0862706	122.74	123.74	1	5.1	0.2	112.8	0.9	11	0.25
A0862707	123.74	124.74	1	4	0.05	62.1	0.9	18	0.25
A0862707	123.74	124.74	1	4	0.05	62.1	0.9	18	0.25
A0862708	124.74	125.74	1	5.5	0.2	197.3	0.8	16	0.6
A0862709	125.74	126.74	1	6.6	0.05	72.4	1	17	0.9
A0862710	126.74	127.74	1	8.2	0.05	32.8	1.1	19	2.1
A0862711	127.74	128.74	1	1.5	0.05	5.1	0.8	15	0.25
A0862712	128.74	129.74	1	8.4	0.05	13.9	1.2	16	1.6
A0862713	129.74	130.74	1	1.9	0.05	10.6	0.8	23	0.6
A0862714	130.74	131.74	1	6.5	0.1	40.8	1.2	29	1
A0862715	131.74	132.74	1	1.3	0.05	15.7	2.6	53	1.8
A0862716	132.74	133.74	1	0.25	0.05	37.2	2	83	0.9
A0862717	133.74	134.74	1	2.5	0.1	90	2.4	91	0.25
A0862718	134.74	135.74	1	1.3	0.05	61.4	16.8	71	0.25
A0862719	135.74	136.74	1	9.4	0.05	108.5	1.8	29	2.3
A0862720	136.74	137.74	1	4.5	0.05	84	1.4	21	0.25
A0862721	137.74	138.74	1	3.7	0.05	94	1.4	26	1.4
A0862722	138.74	139.74	1	0.25	0.05	31.4	0.9	29	1
A0862723	139.74	140.74	1	0.25	0.05	87.5	0.6	27	0.6
A0862724	140.74	141.74	1	0.6	0.05	149.4	0.7	27	1.4

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
148.0	148.66	ShV	W Sparse sheeted quartz veins from 0.8 to 1.5 cm in diameter. The veins occur at 40, 70 and 60 dtca.	A0862725	141.74	142.74	1	0.25	0.05	20.4	0.7	15	0.5
				A0862726	142.74	143.74	1	0.25	0.05	47.1	1.4	24	1
				A0862727	143.74	144.74	1	0.25	0.05	37.1	0.7	25	1.4
				A0862728	144.74	145.74	1	0.25	0.05	73.4	0.8	38	0.5
				A0862729	145.74	146.74	1	0.9	0.05	108.8	0.7	27	0.8
				A0862731	146.74	147.74	1	0.25	0.05	39.6	2	21	1.4
				A0862732	147.74	148.74	1	0.25	0.2	69.6	31.5	50	0.8
				A0862733	148.74	149.74	1	0.25	0.05	31.7	1.9	38	5.8
				A0862734	149.74	150.74	1	0.25	0.05	114.1	1.3	32	1
				A0862735	150.74	151.74	1	0.25	0.05	109.4	1.7	45	1.2
				A0862736	151.74	152.74	1	1	0.1	135.4	1.3	79	1.9
				A0862737	152.74	153.74	1	0.25	0.1	109.4	2	79	4.4
				A0862738	153.74	154.74	1	0.25	0.2	80.7	3.5	96	2.5
				A0862739	154.74	155.74	1	0.25	0.1	79.1	1.3	86	0.8
				A0862740	155.74	156.74	1	0.25	0.05	37.6	1.7	67	0.7
				A0862741	156.74	157.74	1	4.8	0.3	119.3	2.2	33	1.3
				A0862742	157.74	158.74	1	0.25	0.2	81.5	1.5	43	0.6
				A0862743	158.74	159.74	1	0.25	0.1	46.4	2.8	53	0.7
				A0862744	159.74	160.74	1	0.25	0.05	36.3	1.8	60	0.8
				A0862745	160.74	161.74	1	0.25	0.05	40.7	2.8	80	0.8
				A0862746	161.74	162.74	1	0.25	0.05	75.8	3.6	89	0.8
				A0862747	162.74	163.74	1	1.1	0.05	70.1	1.6	32	0.25
				A0862748	163.74	164.74	1	3.3	0.05	76.1	1.7	49	0.6
				A0862749	164.74	165.74	1	6.3	0.2	197.2	3.3	24	0.6
				A0862750	165.74	167.0	1.26	1.2	0.05	85.2	1.3	28	0.6

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
4.17	Fol	70				
4.77	Vqtz	65				quartz veins up to 2 cm true width, pyrite is hosted in the margins and in fractures from later, cross cutting calcite veins.
6.74	F	65				fracture, oxidized
6.84	Dyk	35				uncertain contact with calcareous metasediments
8.76	Fol	40				foliation of calcareous metasedimentary unit
11.24	Lc	55				1.2 cm true width of small calcareous metasediment interval.
11.28	Vqtz	55				2 quartz veins with minor pyrite along the edges and center. up to 0.8 cm true width.
18.06	Vqtz	45				8 cm true witdth. contains blebby pyrite and Galena situated along vein margins and in veinlets discordant to the main quartz vein.
18.23	Fol	55				
19.38	Fol	40				
22.6	Fol	50				
23.4	Fol	70				
26.11	Fol	70				
29.72	Vqtz	55				up to 1.5 cm true width eye of quartz and calcite. Minor pyrite present as fine grains (<1%) along the vein margins
30.03	F	60				oxidized fracture
35.9	Fol	75				
47.07	Fol	60				
47.85	F	30				fracturing of bleached mafic volcanics
50.35	Vqtz	40				white to dark grey quartz veins, up to 2 cm wide, minor (>1%) pyrite content which is mostly associated with thin (mm) calcite veins that cross cut the quartz veins.
50.72	VL	50				thin (mm) black stringers that potentially host galena or hematite in addition to the pyrite. These veins are concordant to the foliation of the metasediment unit.
58.26	Fol	45				foliation of metasediments
63.63	C	55				contact between chert and metasedimentary unit
71.45	Fol	60				foliation of mafic volcanics
74.22	Vqtz	50				1 cm wide quartz vein with coarse grained calcite. One grain (2 mm) of chalcopyrite present on the margin. pyrite is disseminated throughout the wallrock and on the margins of the vein. unknown dark purple/red mineral that reacts with HCl
81.04	G	60				fractured surface of gouge unit, uncertain measurement

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82.5	Fol	55	foliation of mafic volcanics
91.86	Fol	55	foliation of mafic volcanics
97.58	Vcc	60	calcite vein which hosts up to 40% pyrite, ~5 cm true width
100.47	Vqtz	90	quartz vein with pyrite and epidote and contacting the calcareous metasedimentary unit.
100.51	Vqtz	70	quartz vein with pyrite and epidote and contacting the calcareous metasedimentary unit.
102.36	Fol	40	
108.57	Fol	50	
112.95	Vqtz	25	Quartz vein up to 1.5 cm true width, minor (<1%) pyrite presence along vein margins and throughout fractures.
114.75	Fol	55	
117.88	Vcc	60	calcite and magnetite veins, up to ~3 mm thick
118.56	C	40	orientation of siliciclastic units
120.45	Vcc	20	magnetite, quartz pyrite, calcite veins, mm scale
121.59	C	55	contact between magnetite/calcite vein and mafic volcanics
124.6	Fol	50	
127.91	Fol	45	
143.42	Fol	50	
148.08	Vqtz	45	quartz vein, up to 2 cm true width, contains plagioclase, chlorite, K-feldspar (or pink/red carbonate)?
151.26	Fol	50	
156.45	Fol	40	
159.8	C	35	lower contact of calcareous metasedimentary unit with mafic volcanics
160.22	Fol	40	

Geotech

From	To	Recovery	Recovery %	Comments
2.95	5	2.05	100	broken/rubble
5	8	3.05	101.67	broken
8	11	2.68	89.33	broken/rubble
11	14	2.73	91	broken /rubble
14	17	2.99	99.67	broken/rubble
17	20	2.98	99.33	broken
20	23	3.02	100.67	broken

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23	26	2.7	90	broken/rubble
26	29	2.93	97.67	broken
29	32	3.14	104.67	
32	35	2.7	90	broken, 1 rubble section
35	38	2.93	97.67	verybroken/rubble
38	41	2.99	99.67	broken/rubble
41	44	2.86	95.33	broken
44	47	3.08	102.67	broken
47	50	2.98	99.33	very broken
50	53	2.82	94	
53	56	2.66	88.67	broken/rubble
56	59	2.85	95	broken
59	62	2	66.67	rubble
62	65	2.79	93	broken/rubble
65	68	2.3	76.67	broken/rubble
68	71	2.18	72.67	verybroken/rubble/gouge
71	74	2.23	74.33	verybroken/rubble/gouge
74	77	2.46	82	gouge
77	80	2.47	82.33	gouge/broken
80	83	2.84	94.67	gouge/broken
83	86	2.79	93	verybroken
86	89	2.8	93.33	broken/rubble
89	92	2.75	91.67	broken
92	95	2.15	71.67	broken/rubble
95	98	1.87	62.33	broken/rubble
98	101	2.92	97.33	broken
101	104	2.37	79	broken/rubble
104	107	2.91	97	broken/rubble
107	110	3	100	broken
110	113	3.06	102	broken
113	116	3	100	
116	119	2.94	98	broken
119	122	2.92	97.33	broken

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122	125	3	100	broken
125	128	3	100	
128	131	2.89	96.33	broken
131	134	3	100	
134	137	3	100	
137	140	3	100	broken
140	143	3	100	
143	146	2.89	96.33	broken
146	149	2.86	95.33	very broken
149	152	2.92	97.33	
152	155	3	100	
155	158	2.68	89.33	rubble section
158	161	2.89	96.33	rubble section
161	164	2.93	97.67	broken
164	167	3	100	

DRILL LOG REPORT

Project: Galena Ridge **Hole Number:** GR-20-02

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-26-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	NQ	**Claim number:**		**Drilling completed:**	Aug-28-2020	**Easting:**	410,442
Actual depth:		**Logged by:**		**Drilling contractor:**	Dorado	**Northing:**	6,243,514
Target:						**Elevation:**	1,498

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	206	206	-60	
17	Reflex Hanstone	188.4	206.4	-59.8	
116	Reflex Hanstone	184.6	202.6	-59.5	
143	Reflex Hanstone	186.5	204.5	-59	

From	To	Lithology
0	**2.31**	**CAS - Casing**
2.31	**7**	**MV - Mafic Volcanic**

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals that can not be distinguished with the naked eye. Siliceous volcanic sediments are common and occur in beds up to 20cm thick.

The core is pervasively altered to chlorite and weakly calareous weakly reacting to acid.. Silicification is strong and pervasive. Pyrite occurs disseminated throughout the core and galena occurs in small mineralized veinlets at 5.5m.

Core is blocky and broken with foliation at 55 dtca. Lower contact is sharp marked transitioning into calcareous meta-sediments.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862751	2.31	3.81	1.5	2.6	0.05	38.5	1.1	19	1.7
A0862752	3.81	5.07	1.26	4.3	0.05	28.6	1.1	22	0.8
A0862753	5.07	5.4	0.33	74.5	0.4	38	4.5	33	0.6
A0862754	5.4	5.8	0.4	115.8	1.8	195.2	5.2	37	0.7
A0862755	5.8	7.3	1.5	3.2	0.05	29.5	1.6	36	0.9

Minor Lithology	*Type/Description*	*Comments*
3.2 - 3.4	CS Calcareous Metasediment	Small interval of calcareous sediments. Foliation at 60 dtca.
5.3 - 5.9	SS Siliceous Metasediment	Interval of siliceous sediments. This interval may also host micro galena veins.

Alteration	*Type/Style/Intensity*	*Comments*
2.31 - 8.5	Si Pv S	Strong pervasive silicification.
2.31 - 7.0	Chl Pv M	

Mineralization	*Type/Style/%Mineral*	*Comments*

Project: Galena Ridge **Hole Number:** GR-20-02

From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
2.31 - 24.1		Py D 2%	Trace to 3% disseminated pyrite occasionally occurring in fractures.										
5.07 - 5.4		Gn FR 2%	Core is cut with mineralized galena micro-veins and associated calcite. Galena is locally blebby.										
5.6 - 5.8		Gn FR 0.1%	Black micro-veinlets. Possible galena.										
Structure		***Type/Intensity***	***Comments***										
2.31 - 4.6		Bc M											
4.6 - 4.7		G M	Rusty gouge occurring on a low angle fracture.										
4.7 - 8.5		Bc M											
7	**8.5**	**SS - Siliceous Metasediment**		A0862755	5.8	7.3	1.5	3.2	0.05	29.5	1.6	36	0.9
				A0862756	7.3	8.8	1.5	9	0.3	35.4	14.8	27	0.8

White to green siliceous meta-sediments. The unit is banded with green and white layers. The unit hosts multiple calcareous layers that strong react to acid. Black bedding in core is strongly magnetic.

Small mm-scaled quartz and calcite veins commonly cut core. Pyrite occurs disseminated in chert intervals as well as concentrated in fractures.

Foliation is folded and wavy from 60 to 90 dtca. Lower contact is sharp marked by broken core.

Minor Lithology	***Type/Description***	***Comments***
7.0 - 7.5	CS Calcareous Metasediment	An interval of calcareous metasediments Interval strongly reacts to acid and hosts chert nodules.

Alteration	***Type/Style/Intensity***	***Comments***
2.31 - 8.5	Si Pv S	Strong pervasive silicification.

Mineralization	***Type/Style/%Mineral***	***Comments***
2.31 - 24.1	Py D 2%	Trace to 3% disseminated pyrite occasionally occurring in fractures.

Structure	***Type/Intensity***	***Comments***
4.7 - 8.5	Bc M	

8.5	**41.4**	**MV - Mafic Volcanic**	A0862756	7.3	8.8	1.5	9	0.3	35.4	14.8	27	0.8
			A0862757	8.8	10.3	1.5	8.9	0.1	30.6	2.5	31	0.6
			A0862758	10.3	11.8	1.5	2.4	0.05	43.2	2.7	34	1
			A0862759	11.8	13.3	1.5	2.1	0.05	23.9	1.2	28	0.9
			A0862760	13.3	14.8	1.5	5.3	0.05	92.4	0.6	30	0.25
			A0862761	14.8	16.3	1.5	5.7	0.05	55.8	0.7	26	0.25

Greenish grey mafic volcanics. The core consists of mostly aphanitic mafic minerals. Siliceous volcanic sediments locally with beds up to 36cm thick. The core is pervasively altered to chlorite. Silicification is moderate and locally strong. The core is calcareous reacting to acid and is strongly magnetic (if the core is dark it will usually be more magnetic.

Epidote stockwork veinlets occur locally at 27.5m and 31.8m. Trace pyrite and pyrrhotite occur disseminated throughout the unit with local intervals hosting up to 3% sulphides. The targeted structure was intersected at 24.45m occurring as a narrow gouge and a 30mm quartz vein.

The core is competent with foliation at 60 to 70 dtca. Lower contact is sharp marked by calcareous

From	To	Lithology

meta-sediments.

Minor Lithology	*Type/Description*	*Comments*
36.6 - 36.9	CS Calcareous Metasediment	Buff to green interval of calcareous sediments. Strongly reacts to acid.

Alteration	*Type/Style/Intensity*	*Comments*
8.5 - 41.4	Si Pv M	Moderate pervasive silicification.
24.84 - 41.4	Chl Pv M	
27.3 - 27.7	Ep FV S	Epidote stockwork veinlets.
30.78 - 30.95	Ep FV S	Epidote stockwork veinlets.
8.5 - 24.1	Chl Pv M	
24.1 - 24.84	Bl Pv M	Moderately bleached core associated with fault gouge and quartz vein.

Mineralization	*Type/Style/%Mineral*	*Comments*
2.31 - 24.1	Py D 2%	Trace to 3% disseminated pyrite occasionally occurring in fractures.
24.1 - 24.81	Py SM 10%	Semi-massive pyrite associated with smoky quartz vein.
24.81 - 59.48	Py D 2%	Trace to 3% disseminated pyrite occasionally occurring in fractures.
24.1 - 24.81	Ccp D 0.1%	Trace to 1% disseminated chalcopyrite.

Structure	*Type/Intensity*	*Comments*
27.3 - 27.7	STK S	Strong epidote stockwork veinlets cross-cutting core.
24.35 - 24.5	G M	Small gouge and white quartz vein located at the main target with associated chalcopyrite and pyrite mineralization.
30.78 - 30.95	STK S	Strong epidote stockwork veinlets cross-cutting core.
40.87 - 52.2	Bc M	

41.4 59.48 SS - Siliceous Metasediment

White to green siliceous meta-sediments. The unit is banded with green and white layers. The unit is intercalated minor intervals of mafic volcanics and calcareous sediments. The unit is not magnetic.

The core is very silicieous causing the unit to be hard and glassy. Pyrite usually occurs concentrated in veinlets and is locally crystalline.

The core is strongly broken with local intervals of rubble. Foliation is 80 to 90 dtca. Lower contact is sharp marked by mafic volcanics.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862762	16.3	17.3	1	6.8	0.2	134.3	1.6	54	0.6
A0862763	17.3	18.8	1.5	5.6	0.2	133.2	1.7	55	0.7
A0862764	18.8	20.3	1.5	5.9	0.1	202.2	0.7	38	0.8
A0862765	20.3	21.8	1.5	3.2	0.05	156.8	1.1	45	0.8
A0862766	21.8	23.3	1.5	2.5	0.05	149	1.1	42	0.5
A0862767	23.3	24.1	0.8	20.6	0.4	190.2	5.6	76	0.9
A0862768	24.1	24.87	0.77	5.5	0.2	150.7	2.2	60	0.7
A0862769	24.87	26.37	1.5	3.9	0.2	178.4	1.8	61	0.25
A0862770	26.37	27.87	1.5	6.3	0.1	234.3	1	46	0.9
A0862771	27.87	29.37	1.5	3.5	0.2	153.3	2.6	58	0.25
A0862772	29.37	30.87	1.5	3.5	0.1	113.2	2.2	44	0.6
A0862773	30.87	32.37	1.5	4.4	0.05	162.4	0.6	39	0.7
A0862775	32.37	34.87	2.5	1.7	0.05	72.2	1.3	46	0.25
A0862776	34.87	36.37	1.5	6.7	0.05	170.9	0.9	33	0.25
A0862777	36.37	37.87	1.5	4.9	0.05	126.1	1.4	24	0.25
A0862778	37.87	39.37	1.5	2.9	0.05	146.3	0.9	47	0.5
A0862779	39.37	40.87	1.5	2.7	0.05	101.1	0.9	60	0.6
A0862780	40.87	42.37	1.5	4.4	0.1	79.4	2	53	1.5
A0862780	40.87	42.37	1.5	4.4	0.1	79.4	2	53	1.5
A0862781	42.37	43.87	1.5	9.4	0.1	155.2	0.6	13	1.8
A0862782	43.87	45.37	1.5	11.1	0.05	151.5	0.5	15	2.7
A0862783	45.37	46.87	1.5	3.7	0.05	77.7	0.7	9	2.5
A0862784	46.87	48.37	1.5	4.2	0.05	89.7	0.8	22	2
A0862785	48.37	48.73	0.36	2.3	0.2	40.1	1.9	38	2.6

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From	To	Lithology

Minor Lithology	*Type/Description*	*Comments*
44.0 - 44.2	MV Mafic Volcanic	Interval of mafic volcanics.
44.8 - 44.9	MV Mafic Volcanic	Dark green mafic volcanics.
47.3 - 47.6	MV Mafic Volcanic	Dark green mafic volcanics.
56.4 - 56.6	CS Calcareous Metasediment	Buff calcareous sediments. Strongly react to acid.
58.4 - 58.7	CS Calcareous Metasediment	Buff calcareous sediments. Strongly react to acid.
59.13 - 59.48	CS Calcareous Metasediment	Buff calcareous sediments. Strongly react to acid.

Alteration	*Type/Style/Intensity*	*Comments*
41.4 - 59.48	Si Pv S	Strong pervasive silicificaiton of sediments.

Mineralization	*Type/Style/%Mineral*	*Comments*
24.81 - 59.48	Py D 2%	Trace to 3% disseminated pyrite occasionally occurring in fractures.

Structure	*Type/Intensity*	*Comments*
40.87 - 52.2	Bc M	
52.2 - 54.75	Bc In	Intensely broken and rubbly core with fragments 0.5 to 10 cm in diameter.

59.48 143 MV - Mafic Volcanic

Dark greyish green and fine grained moderate to well foliated mafic volcanic rock.

Weak pervasive chlorite alteration and patchy weak silicification between 59.48 and 77.00 m. Carbonate cemented hairline fractures and stringers throughout. Finely disseinated trace to 1% pyrite throughout the unit. Blebs of pyrite common in stringers.

Hairline stockwork fracturing with carbonate cement ubiquitous. Veinlets ~1 cm wide and larger often contain hydraulic brecciation. Shear zone (mylonite) from 94.46 ~98.00 m oriented at 50 DTCA.

Minor Lithology	*Type/Description*	*Comments*
59.48 - 143.0	MV Mafic Volcanic	Dark green mafic volcanics

Alteration	*Type/Style/Intensity*	*Comments*
63.4 - 75.98	Si P M	patchy moderate silicification
64.1 - 64.39	Bl Pv M	strongly bleached core likely due to quartz vein

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862786	48.73	49.0	0.27	3.4	0.3	32.7	3.6	41	4
A0862787	49.0	50.5	1.5	4.8	0.2	93.1	1.6	37	3.3
A0862788	50.5	53.0	2.5	2.1	0.1	48.8	1.3	22	2.7
A0862789	53.0	54.5	1.5	1.8	0.2	96.7	1.1	9	3.8
A0862791	54.5	56.0	1.5	2	0.05	67.3	1.3	18	1.5
A0862792	56.0	57.5	1.5	1.5	0.05	40	1.1	9	3
A0862793	57.5	59.0	1.5	1.3	0.05	63.1	1.8	31	1.3
A0862794	59.0	60.5	1.5	1.6	0.05	69.3	2.6	32	0.8
A0862794	59.0	60.5	1.5	1.6	0.05	69.3	2.6	32	0.8
A0862795	60.5	62.0	1.5	1.1	0.1	84.7	1.3	54	0.9
A0862796	62.0	63.5	1.5	8.4	0.3	80.9	3.8	136	0.6
A0862797	63.5	64.0	0.5	1.6	0.3	77.6	2.5	102	0.25
A0862798	64.0	64.55	0.55	174.5	1.8	274.6	24.9	81	0.6
A0862799	64.55	65.0	0.45	1	0.2	71.5	3	122	0.25
A0862800	65.0	66.5	1.5	1.1	0.3	93.8	4.2	93	0.6
A0862801	66.5	68.0	1.5	0.7	0.3	100.1	3.8	203	0.6
A0862802	68.0	69.5	1.5	0.8	0.2	71.1	2.2	111	0.7
A0862803	69.5	71.0	1.5	1.6	0.2	69.3	1	83	0.25
A0862804	71.0	72.5	1.5	1.5	0.2	44.8	1.7	61	0.5
A0862805	72.5	73.6	1.1	1.1	0.2	52.1	2.2	98	0.25

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From	To	Lithology		
71.0	71.5	Ep	FV	M
59.48	143.0	Chl	Pv	M
73.6	74.35	Bl	FV	M
96.64	96.88	Bl	FV	M
81.85	85.45	Ep	FV	W
106.0	110.52	Bl	FV	W
118.0	120.5	Bl	FV	W
122.23	122.63	Bl	Pv	W
122.63	128.5	Bl	Pv	M
120.69	138.0	Si	P	M

From	To	Lithology		
71.0	71.5	Ep	FV	M

epidote mineralization and alteration from parallel veinlet sets, alpha angle = 70

From	To	Lithology		
59.48	143.0	Chl	Pv	M

moderate pervasive chlorite alteration throughout entire mafic volcanic unit

From	To	Lithology		
73.6	74.35	Bl	FV	M

bleaching due to quartz cemented hydrofractured breccia vein

From	To	Lithology		
96.64	96.88	Bl	FV	M

bleaching proximal to focus of shear zone and from hydrofractured brecca closer to the upper limit of the shear zone.

From	To	Lithology		
81.85	85.45	Ep	FV	W

sparse epidote and calcite veinlets spaced ~1m and dtca of 50

From	To	Lithology		
106.0	110.52	Bl	FV	W

caused by fractures and quartz veining along the interval, intensity varies with the highest near veins

From	To	Lithology		
118.0	120.5	Bl	FV	W

caused by fractures and quartz veining along the interval, intensity varies with the highest near veins

From	To	Lithology		
122.23	122.63	Bl	Pv	W

caused by calcite/quartz veining

From	To	Lithology		
122.63	128.5	Bl	Pv	M

moderate bleaching caused by quartz veining

From	To	Lithology		
120.69	138.0	Si	P	M

moderate silicification that varies in intensity throughout interval, from weak to moderate.

Mineralization	***Type/Style/%Mineral***	***Comments***
59.48 - 73.6	Py D 1%	trace to 1% disseminated pyrite occurring ocasionally in highest concentrations in quartz and calcite veins or fractures.
73.6 - 74.35	Py Bl 1%	blebby fracture controlled pyrite occuring on vein boundaries, grains are up to 3 mm wide
74.35 - 123.58	Py D 1%	trace to 1% disseminated pyrite occurring ocasionally in highest concentrations in quartz and calcite veins or fractures.
109.2 - 118.1	Py FR 3%	pyrite ocuring as blebby grains in quartz and calcite veins, 3%
118.1 - 120.25	Py D 1%	Pyrite occuring disseminated throughout mafic volcanics
120.25 - 143.0	Py FR 1%	pyrite occurring as blebs in veinlets spaced out by 10s of cm throughout interval. pyrite is present disseminated in the mafic volcanics in trace amounts but concntrated in veins. Pyrite veins are up to 0.3 cm wide, but most are <1 mm wide.

Structure	***Type/Intensity***	***Comments***
69.22 - 69.3	Bc In	angular rubble, fragments are ~ 0.5 mm in diameter
73.6 - 74.35	Vqtz S	strong quartz vein breccia, pyrite mineralization, matix supported, clasts are angular and up to 3 cm in diameter, minor chlorite and calcite present.
89.0 - 89.18	Vqtz M	3 moderate quartz veins parallel to foliation, dtca 50 degrees, 1.5 cm wide orange tint from rusting.
91.64 - 93.87	STK M	moderate stockwork fracturing of outer margin of shear zone, calcite and quartz veins, brecciation starts to occur closer to the focus.
93.87 - 94.46	BX S	strong brecciation of wallrock with calcite and quartz cement, clasts are up to 0.5 cm in diameter.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862806	73.6	74.35	0.75	241.6	2.5	54.4	15.8	53	1.4
A0862807	74.35	75.85	1.5	6.7	0.2	73	2.9	99	0.25
A0862808	75.85	77.35	1.5	6.2	0.2	85	1.8	100	0.25
A0862809	77.35	78.85	1.5	13.2	0.3	73.3	6.6	155	0.25
A0862810	78.85	80.35	1.5	4.7	0.5	98.8	47.9	179	0.9
A0862811	80.35	81.85	1.5	2.5	0.2	85.5	4.1	111	0.25
A0862812	81.85	83.35	1.5	3.5	0.3	100	2.6	110	0.6
A0862813	83.35	84.85	1.5	6.4	0.2	68.1	3.3	149	0.25
A0862814	84.85	86.35	1.5	3.7	0.2	55.8	24.9	144	0.7
A0862815	86.35	87.85	1.5	4.9	0.2	59.2	13.6	117	0.8
A0862816	87.85	88.95	1.1	3.8	0.2	78.8	4.4	105	0.25
A0862817	88.95	89.18	0.23	4.2	0.2	83.8	6	109	0.25
A0862818	89.18	90.68	1.5	5.8	0.2	121.1	11.5	148	0.25
A0862819	90.68	91.64	0.96	7.8	0.3	127.1	4.6	124	0.25
A0862820	91.64	93.14	1.5	7.2	0.1	86.4	3.4	106	0.7
A0862821	93.14	94.46	1.32	8.2	0.2	93	1.9	79	0.5
A0862822	94.46	95.07	0.61	8.5	0.3	125.1	3.2	89	0.25
A0862823	95.07	95.3	0.23	176	0.8	47.2	6.5	60	1.4
A0862824	95.3	96.8	1.5	4	0.1	52.3	1.5	67	0.25
A0862825	96.8	98.3	1.5	5.2	0.2	90.5	0.8	60	0.6
A0862826	98.3	98.75	0.45	6	0.2	56.8	1.6	54	0.6
A0862827	98.75	99.0	0.25	10.7	0.3	56.3	1.6	50	0.9
A0862828	99.0	100.5	1.5	5.7	0.3	93.7	1.2	55	0.25
A0862829	100.5	102.0	1.5	3.8	0.1	67.6	1.2	56	0.25
A0862831	102.0	103.5	1.5	3.4	0.05	70	1.1	65	0.6
A0862832	103.5	105.0	1.5	3.9	0.1	81	1.2	55	1.2
A0862833	105.0	106.5	1.5	2.8	0.1	69.8	1.3	59	1.8
A0862834	106.5	108.0	1.5	1.8	0.2	120.9	1.2	57	1.1
A0862835	108.0	109.5	1.5	1.7	0.1	102.9	1	53	1.1
A0862836	109.5	111.0	1.5	1.8	0.1	65.5	1	56	1
A0862837	111.0	112.5	1.5	1.9	0.1	51	1.1	60	1.2
A0862838	112.5	114.0	1.5	2.2	0.3	100	2.1	88	0.8

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
94.46	95.07	Fol	S	A0862839	114.0	115.5	1.5	2.2	0.3	143.3	2.4	101	1.3
95.07	95.2	G	In	A0862840	115.5	117.0	1.5	3.8	0.2	60.4	3.6	68	0.25
95.2	112.0	Fol	S	A0862841	117.0	118.5	1.5	3.5	0.2	50.3	2.9	66	0.7
118.1	120.69	Bc	S	A0862842	118.5	120.0	1.5	6.5	0.2	71.2	3.1	81	0.7
122.69	123.8	STK	M	A0862843	120.0	121.5	1.5	5.1	0.2	90.3	3.3	59	1.7
126.62	132.1	Vqtz	M	A0862844	121.5	123.0	1.5	2.3	0.05	20.1	1.9	60	0.7
134.68	137.9	Vcc	M	A0862845	123.0	124.5	1.5	3.3	0.2	80.9	2.6	67	0.9
				A0862846	124.5	126.0	1.5	4.1	0.2	63.7	3.2	157	0.25
				A0862847	126.0	127.5	1.5	5.4	0.2	82.2	2.5	190	1
				A0862848	127.5	129.0	1.5	2.8	0.1	56.2	4	133	0.25
				A0862849	129.0	130.5	1.5	3.4	0.1	53.6	3.4	131	0.25
				A0862851	130.5	132.0	1.5	4	0.2	167.7	1.3	104	0.25
				A0862852	132.0	133.5	1.5	1.8	0.1	109.4	1.1	132	0.6
				A0862853	133.5	135.0	1.5	2.6	0.1	79.7	1.5	104	0.25
				A0862854	135.0	136.5	1.5	3.3	0.05	62.3	1.6	100	0.6
				A0862855	136.5	138.0	1.5	4.1	0.05	62.5	2.6	168	0.25
				A0862856	138.0	139.5	1.5	4	0.1	93.6	2.1	196	0.6
				A0862857	139.5	141.0	1.5	3.5	0.1	73	2.8	123	0.25
				A0862858	141.0	142.0	1	3.9	0.1	93.4	2	184	0.25
				A0862859	142.0	143.0	1	4	0.1	85.1	1.4	176	0.5

94.46 - 95.07 Fol S strong foliation of mylonite in the same orientation of the fault plane.

95.07 - 95.2 G In intense gouge indication possible focus of shear zone, clasts are up to 0.3 cm in diameter

95.2 - 112.0 Fol S strong foliation from shear zone which persists in the footwall for a larger interval. small intervals of brecciation alternate with foliation: calcite and quartz cement, clasts are up to 0.5 cm in diameter.

118.1 - 120.69 Bc S core is strongly broken and has spots of rubble up to 15 cm in diameter

122.69 - 123.8 STK M stockwork quartz and calcite veinin, p to 1 cm wide.

126.62 - 132.1 Vqtz M Discontinuous quartz veining with pyrite and chlorite. veins are more uniformly oriented near 128.70 m, along foliation dtca 60. mild hydrofracturing is associated with the veins.

134.68 - 137.9 Vcc M calcite veins present on fractured surfaces of core, likely from low coherence of calcite. dtca = 35. minor hydrofracturing of wall rockproximal to calcite veins, clasts are angular and up to 1.5 cm in width.

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
4.22	Fol	55				
4.76	G	35				fractured core surface that may approximate fault angle
9.37	Fol	60				
16.08	Fol	50				
21.53	Fol	65				
24.4	G	75	180			orientation of a fractured surface of a quartz/calcite vein system that contacts gouge. Was unable to confirm the accuracy of the orientation mark, thus this measurement is uncertain to a degree.
35.73	Vcc	70	30			epidote and calcite vein, mm scale width.
56.77	Vqtz	75				quartz vein, 4 mm wide, follows the structure of the calcareous metasedimentary unit.
59.15	C	75	100			contact between "beds" of metasediments unit.
69.66	Fol	60				
71.24	Vcc	70				several calcite and epidote mm scale veinlets
73.8	F	50	35			surface of a fracture along a quartz vein breccia
75.84	Vqtz	65				thin (mm) translucent quartz veins with minor pyrite along the edges and mm scale pyrite veins
76.86	G	45				fracture with gouge
80.88	Fol	40	55			
85.6	Vqtz	35	60			veins up to 5 mm wide, variable dip, discontinuous, contain minor pyrite along grain boundaries.
89.1	Fol	50				foliation appears co-planar to breccia quartz veining
95.12	G	40				potentially area of maximum displacement in shear zone, measured surface is a fracture which contacts gouge.
97.9	F	35	340			fractured surface which is parallel to the foliation
103.87	Fol	50	170			
106.98	Fol	35	355			
121.9	Fol	55	350			
83.38	Flt	40	235			slicken lines visible
128.69	Vqtz	60				few quartz veins up to 1 cm thick, devoid of sulfides, contains micrograins of chlorite throughout the vein.
130.89	Fol	25				
140.26	Fol	30	210			
141.14	VN	55	230			epidote and calcite vein with minor pyrite mineralisatoin disseminated throughout the vein. pyrite grains are up to 1 mm in diameter and are euhedral to subhedral. the vein is up to 0.8 cm wide

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136	F	35	fratured surface of calcite vein, mm scale width

Geotech

From	To	Recovery	Recovery %	Comments
2.31	5	2.69	100	broken/rubble
5	8	2.81	93.67	very broken
8	11	3	100	very broken
11	14	3	100	broken
14	17	3.24	108	broken
17	20	2.98	99.33	broken
20	23	2.95	98.33	
23	26	2.98	99.33	broken
26	29	3	100	
29	32	3	100	
32	35	2.84	94.67	broken
35	38	2.98	99.33	
38	41	3.11	103.67	very broken
41	44	2.42	80.67	very broken, rubble
44	47	2.26	75.33	very broken, rubble
47	50	2.97	99	very broken
50	53	1.61	53.67	very broken, rubble
53	56	2.24	74.67	very broken, rubble
56	59	3.11	103.67	broken
59	62	2.8	93.33	broken
62	65	2.84	94.67	broken
65	68	2.79	93	very broken
68	71	2.88	96	broken
71	74	2.79	93	verybroken
74	77	2.88	96	verybroken
77	80	2.52	84	broken/rubble
80	83	3.1	103.33	
83	86	3	100	
86	89	2.25	75	verybroken/rubble

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89	92	2.41	80.33	broken/rubble
92	95	2.81	93.67	broken
95	98	3.06	102	very broken
98	101	2.89	96.33	broken
101	104	3.1	103.33	
104	107	2.84	94.67	very broken
107	110	3	100	broken
110	113	3.05	101.67	very broken
113	116	2.96	98.67	
116	119	2.88	96	broken/rubble
119	122	2.68	89.33	broken/rubble
122	125	2.95	98.33	very broken
125	128	3	100	broken
128	131	2.74	91.33	very broken
131	134	3.12	104	broken
134	137	2.9	96.67	broken
137	140	3.1	103.33	broken
140	143	2.96	98.67	

DRILL LOG REPORT

Project: Galena Ridge **Hole Number:** GR-20-03

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**	Doc Camp	**Drilling started**	Aug-28-2020	**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Aug-31-2020	**Easting:**	410,442
Actual depth:		**Logged by:**	Grant	**Drilling contractor:**	Dorado	**Northing:**	6,243,514
Target:						**Elevation:**	1,498

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	25	25	-45	
14	Reflex Hanstone	5.5	23.5	-46.4	
67	Reflex Hanstone	8.3	26.3	-46.2	
116	Reflex Hanstone	10	28	-46	
149	Reflex Hanstone	11.5	29.5	-46.2	

From	To	Lithology
0	**3.11**	**CAS - Casing**
3.11	**149.48**	**MV - Mafic Volcanic**

Dark green to grey, moderate to well foliated, aphanitic, greenschist grade metamorphosed mafic volcanics. The unit is very weakly magnetic everywhere and strongly magnetic in isolated points, likely from magnetite.

sulfide mineralization occurs as pyrite and pyrrhotite disseminated throughout the unit in trace amounts. Pyrite and pyrrhotite are concentrated in hairline fractures where grain sizes can reach mms in diameter. They are mostly associated with calcite veins. Chalcopyrite occurs as single coarse grains usually associated with pyrite or pyrrhotite. At 136.9 to 137.02, a moderate, 0.1 to 0.5 cm pyrrhotite vein occurs with no clear orientation.

The unit exhibits pervasive chloralteration for the entire lenth. There are local zones of moderate to strong bleaching associated with quartz veins. Parallel quartz, calcite, pyrite, epidote and chlorite veins typically follow foliation, stockwork veins are common. Garnet appears in epidote/calcite veins at 46 m. From 71 to 73 m quartz veining with potential k-spar component appears and reappears at shorter intervals down hole. From 96.3 to 128.34 mod to strong silicification.

From 56 to 72 m the core becomes rubbly and broken with strong oxidization along fractured surfaces. Core loss increases along these intervals of rubble.

Minor Lithology	*Type/Description*	*Comments*
138.9 - 140.92	CS Calcareous Metasediment	White calcareous metasedimentary unit, possibly marble due to the 99% CaCO3 content. Mildy deformed. Contains concordant quartz and calcite stringers with minor pyrite mineralization. Lower contact dtca is 30.

Alteration	*Type/Style/Intensity*	*Comments*
3.11 - 149.48	Chl Pv M	Pervasive chlorite alteration throughout entire unit. Some spots have greater chloritization from vein alteration.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862860	12.43	13.59	1.16	36.1	0.3	123.5	2.5	93	0.25
A0862861	28.0	28.5	0.5	39.2	0.1	52.1	1.1	62	0.25
A0862862	28.5	28.68	0.18	170.8	0.4	264.5	2.3	68	1.8
A0862863	28.75	29.45	0.7	0.7	0.05	5.4	1.4	49	0.25
A0862864	29.45	30.0	0.55	312.7	0.3	53.9	3.8	65	0.25
A0862865	30.0	30.5	0.5	59.5	0.2	69.5	1.9	75	0.25
A0862866	38.52	38.76	0.24	3.9	0.1	133.6	1.1	67	1
A0862867	39.08	39.35	0.27	7.3	0.1	165.7	0.4	54	0.6
A0862868	42.53	42.87	0.34	42.6	0.2	201.9	1.4	43	0.25
A0862869	59.0	59.26	0.26	2.4	0.2	16.2	4	80	1.4
A0862870	79.48	79.68	0.2	32.6	0.2	677.2	0.4	49	0.25
A0862871	96.18	97.18	1	0.7	0.05	6.1	1.2	13	1.7
A0862872	97.18	98.18	1	0.25	0.05	4.1	1.5	19	3
A0862873	98.18	99.18	1	0.6	0.05	36.3	1.2	18	9.8
A0862874	99.18	99.55	0.37	5.1	0.5	499.4	0.6	21	9.5
A0862875	99.55	99.75	0.2	3.1	0.4	387	0.6	18	2
A0862876	99.75	100.75	1	1.8	0.1	49.8	5	35	2.5

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From	To	Lithology	
12.98	13.19	Bl Pv S	strong pervasive bleaching associated with quartz veining. defines the foliation.
27.83	29.8	Bl FV S	strong pervasive bleaching associated with quartz and chlorite veins
44.18	44.68	Bl FV M	bleaching associated with quartz veins and minor silicification
47.45	47.75	Bl FV M	Bleaching caused by calcite, chlorite and epidote vein system.
61.45	65.15	Carb Pv M	pervasive carbonitization throughout folded interval, strong chlorite and mod epidote alteration in the MV unit. The vein exhibits K-spar alteration. Mild sericite alteration is present along entire interval.
67.88	74.94	Chl FV S	Strong chlorite alteration associated with Quartz veins. The veins have mild K-spar alteration and sericitization.
95.18	96.18	Bl FV M	Moderate bleaching caused by calcite veining
96.18	128.34	Si Pv M	moderate to strong silicification of MV, and garnet(?) mineralization within the unit giving the core a deep red/purple colour in places.
124.24	133.36	Bl FV M	Bleaching associated likely with quartz veins.

Mineralization		***Type/Style/%Mineral***		***Comments***
3.11	47.0	Py FR 50%		Pyrite occurs primarily in calcite stringers and veinlets throughout the unit. Veins are up to a few mms thick and spaced ~1 m apart. Blebby pyrite occurs next to veins in the wall rock.
3.11	47.0	Py D 0.1%		pyrite occurs disseminated throughout the unit in trace amounts
12.7	13.18	SUL FR 1%		Hematite occuring as grains up to 1 mm wide in calcite/quartz veins, also present in healed fractures as fine grains which run parallel to foliation (dtca 45). pyrite occurs in greater abundance, up to 1% disseminated. Core edges are oxidized.
29.34	29.55	Py FR 5%		Blebby pyrite occuring within calcite vein dtca 35. 5% pyrite with anhedral to euhedral grains <1 mm. the vein is wavy but follows the foliation well.
34.6	34.61	Ccp FR 1%		single grain of chalcopyrite 3 mm wide on fractured core surface. highly oxidized.
38.51	38.75	Py FR 15%		euhedral pyrite crystals hosted in a 1.5 cm wide calcite vein
40.5	47.0	Py D 2%		pyrite disseminated in greater abundance, up to 2%.
42.74	42.78	Py FR 80%		Calcite vein hosting pyrite, about 1 cm wide
46.4	46.41	Ccp FR 1%		1% Cpy in calcite vein up to 0.5 cm wide, 25 DTCA.
47.0	96.18	Py FR 10%		Pyrite is hosted primarily in calcite stringer veins where blebs and visible euhedral crystals occur. Pyritiferous veins are less common in this interval than the last, spaced about 1 m.
47.0	96.3	Py D 0.1%		Trace pyrite disseminated throughout MV

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862877	100.75	101.75	1	4	0.05	33.9	2.4	30	2.1
A0862878	101.75	102.75	1	1	0.1	55.6	6.2	32	7.8
A0862879	102.75	103.75	1	1.3	0.2	89.8	1.5	28	1.9
A0862880	103.75	104.75	1	1.1	0.05	46.1	1.7	21	1.4
A0862881	104.75	105.75	1	1.3	0.05	18.8	1.2	18	4.3
A0862882	105.75	106.75	1	0.7	0.05	21.2	1.1	24	2.7
A0862883	106.75	107.75	1	1.2	0.2	40.2	1.2	18	3.4
A0862884	107.75	108.75	1	1.2	0.05	41.8	2.7	18	2.6
A0862885	108.75	109.75	1	1.6	0.05	21.5	1.6	19	1.1
A0862886	109.75	110.75	1	1.1	0.05	19.4	1.4	16	1.8
A0862887	110.75	111.75	1	1.3	0.05	14.7	1.2	20	2.3
A0862888	111.75	112.75	1	2	0.05	17.5	1.8	18	2.2
A0862889	112.75	113.75	1	3	0.05	20.6	1.8	23	2.6
A0862891	113.75	114.75	1	2.8	0.2	22.7	7.1	25	5.1
A0862892	114.75	115.75	1	0.9	0.05	26	1.2	20	0.8
A0862893	115.75	116.75	1	4.2	0.1	60.9	2.2	38	1.1
A0862894	116.75	117.75	1	0.8	0.05	25.3	1.3	32	1.6
A0862895	117.75	118.75	1	1	0.05	41	1.5	24	0.8
A0862896	118.75	119.75	1	1.6	0.05	61.2	1.8	28	1.3
A0862897	119.75	120.75	1	2	0.1	68	1.5	24	1.9
A0862898	120.75	121.75	1	1	0.05	40.6	1.1	26	1.5
A0862899	121.75	122.75	1	1.4	0.05	44.3	1.2	39	1.3
A0862900	122.75	123.75	1	0.6	0.05	22.7	1	49	0.8
A0862901	123.75	124.81	1.06	0.6	0.1	69.8	1.3	31	1
A0862902	124.81	125.75	0.94	1.1	0.3	72.6	23.7	35	10.7
A0862903	125.75	127.75	2	1.2	0.1	26.1	8.3	23	7
A0862904	127.75	128.34	0.59	2.6	0.05	19.8	3.7	21	0.8
A0862905	136.85	137.23	0.38	55.4	0.1	71.8	4	15	8.4
A0867564	137.37	137.75	0.38	7.6	0.2	55.7	3.5	21	1.2
A0867565	137.75	138.0	0.25	11.7	0.3	62.2	3.5	36	5.7
A0867566	138.0	138.96	0.96	2.8	0.2	21.4	2.9	39	3.2
A0867567	138.96	139.88	0.92	4.1	0.1	20.9	1.7	6	4.3

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From	To	Lithology			
51.0	51.41	Py	P	1%	Pyrite which occurs disseminated in greater abundance and in patches within strong chlorite altered mafic volcanics and within calcite-epidote veins.
51.41	65.12	Py	FR	0.1%	Sparse pyrite mineralization throughout heavily deformed quartz vein interval.
59.0	59.1	Py	FR	25%	Pyrite occuring in calcite veins with strong chlorite alteration of mafic volcanics along the edges.
71.1	74.92	Py	FR	1%	minor pyrite mineralization throughout deformed 1 cm wide quartz veins.
79.55	79.58	Ccp	FR	1%	Uncertain identification of chalcopyrite within pyrite dominated calcite-epidote vein
84.55	84.95	Py	FR	2%	Fine pyrite grains present within calcite stringers in heavily fractured interval.
96.3	115.5	Po	FR	1%	Pyrrhotite becomes the dominant sulfide with minor pyrite. Occurs within quartz and calcite veins as fine grains typically bunched together.
99.32	99.48	Po	FR	1%	Fine pyrrhotite within quartz vein.
99.57	99.77	Ccp	FR	1%	Minor chalcopyrite with pyrrhotite hosted in calcite vein. The vein is 2 cm wide with DTCA 35.
107.85	118.3	Po	FR	5%	Patches of pyrrhotite appearing on oxidized fractured core surfaces, likely from calcite veins which created a plane of weakness.
108.58	108.59	Ccp	FR	1%	1 mm wide chalcopyrite grain contacting pyrrhotite and hosted I calcite stringer.
115.5	136.9	Py	FR	1%	Pyrite becomes more common than pyrrhotite, mineralization is controlled by calcite and quartz veins.
136.9	137.02	Po	FR	99%	Pyrrhotite vein that ranges from 0.1 to 1.5 cm in width, has erratic geometry and is associated with quartz, see photograph. Grains are anhedral and range up to 3 mm wide.
137.02	138.9	Py	D	0.1%	Disseminated pyrite in trace amounts.
138.9	142.38	Py	FR	1%	Pyrite occuring only in veinlets of calcite.
142.38	149.48	Py	D	0.1%	Pyrite disseminated throughout the MV unit in trace amounts
142.38	149.48	Py	FR	1%	Pyrite occuring mainly in calcite stringers in minor amounts.

Structure	*Type/Intensity*		*Comments*
3.11 - 8.97	Bc	S	rubbly core with 7 pieces greater than 10 cm long.
15.0 - 27.4	VN	M	epidote veining with association with quartz and calcite, mostly parallel to foliation. veins range from <1 mm to several cms.
22.05 - 26.8	Vqtz	M	translucent quartz veins mostly parallel to foliation and not associated with sulfides, range from mm to cm scale.
29.51 - 29.53	She	S	Early stage shear zone with strong chlorite mineralization, calcite veins that show early stage of boudinage, possible k-spar and sericite component.
29.53 - 34.3	Vqtz	M	stockwork to parallel calcite veins with chlorite comprising up to 50% of the veins.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867568	139.88	140.3	0.42	1.6	0.05	29.2	0.7	2	3.8

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
34.3	47.0	Vcc	W	stockwork to parallel calcite veins up to 1 cm thick.									
46.25	96.22	VN	W	mm to cm scale calcite-epidote veins with garnet? and intermittent pyrite mineralization. Spaced apart at 0.5 m intervals. Range from parallel to foliation to cross cutting foliation. Some show brecciation of mafic volcanics with clasts up to 0.5 cm across									
47.0	96.22	Vcc	W	Many calcite stringers parallel to foliation throughout most of the unit, some pyritiferous.									
61.45	65.15	Fld	S	Folding of pre-existing quartz veins and mafic volcanics. Core is rubbly with fragments averaging 7 cm across.									
67.88	74.92	Fld	S	Folding of pre-existing quartz veins and mafic volcanics. Core is very rubbly with fragments averaging 5 cm across. Tightly folded with axial plane DTCA 30. Quartz veins are cms across.									
84.55	84.95	F	M	Fractured mafic volcanics from calcite stringer veining.									
94.0	98.85	Bc	M	Rubble to broken core, fragments are mostly less than 10 cm in length.									
98.85	109.3	Vqtz	M	Translucent quartz veins become more abundant. Up to 1 cm wide and spaced ~0.5 m apart. Mostly follow foliation. Potential source for strong silicification									
107.85	128.0	Vcc	M	Calcite stringers that mostly run parallel to foliation with some discordant to foliation. mm scale width and spaced out about a few cms.									
108.66	108.95	Vcc	S	5 cm WIDE calcite vein with 5% chloride grains oriented along the plane of the vein. dtca of 20. no sulfides :(									
110.43	112.0	Bc	S	Core strongly broken and rubbly, oxidized fracture surfaces. Fragments are less than 10 cm across.									
112.51	112.92	Vcc	S	2.5 cm wide calcite vein with 10% chlorite. dtca of 10. trace pyrite.									
119.5	122.9	Vqtz	M	Translucent quartz veins which mostly follow foliation, spaced about 0.5 m apart and 0.5 cm wide. associated with pyrite and pyrrhotite mineralization.									
124.3	128.5	Bc	S	Core strongly broken and rubbly, few pieces greater than 10 cm wide.									
127.5	127.75	Vcc	M	7cm wide calcite vein, dtca 55. Contains quartz and chlorite with trace pyrite mineralization.									
128.0	132.36	STK	M	Hydraulic fracturing and brecciation caused by predominantly calcite veins with a minor component of quartz veins.									
129.0	131.2	Bc	S	Core strongly broken with "lost recovery".									
132.36	138.9	Vcc	M	Calcite veins concordant to foliation with few stockwork sections. mm to cm scale. some veins exhibit brecciation and some are mildly deformed/folded.									
140.92	143.3	Vcc	M	Calcite veining and brecciation of MV unit in a mild stockwork fashion. Veins may be associated with the calcareous metasediment unit.									
143.3	145.8	Vcc	M	Abundant calcite stringers mostly oriented parallel to foliation, mm scale width									
145.8	149.48	Fld	W	Weak folding of calcite veins that have mm scale width. folds are inclined, isoclinal to tight, dtca of 40 at 145.9 for a limb which may also represent the axial plane, and dtca of 25 of foliation at 146.75									

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
7.8	Fol	30				quartz and pyrite veins run parallel to foliation in this location.
7.85	Flt	40				fault offsetting a quartz vein by 8 mm.
13.23	Fol	45				
13.54	Vqtz	50				quartz vein up to 1 cm wide, contains no pyrite. cross cuts pyritiferous calcite veinlets.
15.14	VN	25				pyrite and calcite vein up to 2 mm wide
15.92	VN	30				predominately quartz, epidote and chlorite wth minor amounts of calcite and pyrite. Vein system is concentrated in 8 cm true width.
21.23	Fol	35				
24.1	Vcc	35				calcite and epidote vein, 2 cm wide
25.25	Fol	40				
29.24	F	25	144			fractured core surface of a calcite quartz vein.
29.4	Vcc	35				Calcite vein with blebby pyrite
34.1	Fol	37	104			
34.25	Vcc	55	340			Calcite vein with blebs of pyrite up to 2 mm wide, pyrite
44.4	Vqtz	30				Quartz and calcite vein up to 0.5 cm wide
46.9	Fol	40	100			
47.35	Vqtz	27	100			Quartz vein 2 mm wide, parallel to foliation
49.8	Fol	30	150			Calcite/pyrite stringers are present running along foliation.
51.48	Vcc	40				calcite and epidote veins to 0.5 cm wide
58.36	Fol	40				
61.65	Vqtz	30	135			Quartz veins deformed along MV unit. Possible measurement of axial plane of fold.
65.86	Fol	40				MV foliation
72.75	Vqtz	30				Series of subparallel quartz veins with minor pyrite occuring along then center and edges of vein. Up to 1.5 cm thick.
80	Vcc	25	144			Calcite vein 2 mm wide parallel to foliation, trace pyrite along the center. Several veins parallel in 10 cm.
81.15	Fol	40	135			MV foliation
88.3	Fol	25				Mv foliation
100	VN	30				Quartz/calcite veinlet system 4.5 cm true width. Individual veinlets are mms wide. Trace fine pyrite grains along veins.
101.55	F	35	140			Fractured surface of core, parallel to quartz veins. Veins are up to 4 mm wide, and contain trace pyrrhotite.

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108.75	Vcc	20		5.5 cm wide calcite vein with 5% chlorite. Contains trace sulfides unidentifiable with hand lens.
109.63	Vcc	60	51	3 mm wide calcite vein with minor pyrrhotite mineralization, several calcite veins/stringers in area with same orientation and mineralogy
109.68	Fol	23	135	MV foliation
112.8	C	10	137	contact with either a calcite vein or calcareous metasediments, the vein is 2 cm wide with 5% chlorite.
118.45	Fol	8	158	MV foliation
122.2	Vqtz	25	146	Mildy folded quartz veins up to 1 cm thick. Parallel to foliation
126.5	Fol	25		MV foliation
131.9	Vqtz	50		Quartz veins 1 cm wide, fractured by discordant calcite stringers.
137.1	Fol	60	260	MV foliation
140.9	Lc	30	162	lower contact of calcareous sediment unit.
142.65	Fol	40	158	MV foliation, many veins which run parallel to foliation.
145.9	Fld	40	148	Folded calcite veins, isoclinal to tight, this is a measurement of a limb but can be approximated for axial plane.
146.75	Fol	25	167	Foliation with parallel calcite veins, folding of veins to a smaller degree from previous measurement at 145.9 m.

Geotech

From	To	Recovery	Recovery %	Comments
3.11	5	1.89	100	Rubble
5	8	1.9	63.33	Rubble
8	11	2.32	77.33	Very broken/rubble
11	14	2.69	89.67	Broken
14	17	3.08	102.67	Broken/rubble
17	20	3	100	
20	23	2.75	91.67	Broken
23	26	2.88	96	Broken
26	29	2.94	98	Broken
29	32	2.67	89	Broken
32	35	1.37	45.67	Loss
35	38	3.12	104	Broken
38	41	2.55	85	Rubble
41	44	2.06	68.67	Broken/rubble

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44	47	2.85	95	Broken/rubble
47	50	3.06	102	Broken
50	53	2.78	92.67	Broken/rubble
53	56	2.98	99.33	Broken/rubble
56	59	2.86	95.33	Very broken
59	62	3	100	Broken
62	65	2.49	83	Very broken/rubble
65	68	2.82	94	Broken/rubble
68	71	2.47	82.33	Rubble
71	74	2.99	99.67	Broken/rubble
74	77	2.87	95.67	Broken
77	80	3.03	101	
80	83	2.75	91.67	Hit void
83	86	2.95	98.33	Broken/rubble
86	89	2.93	97.67	
89	92	2.97	99	
92	95	2.76	92	
95	98	2.78	92.67	Broken/rubble
98	101	2.95	98.33	Broken
101	104	2.59	86.33	Broken/rubble
104	107	2.93	97.67	
107	110	3	100	Broken/rubble
110	113	2.52	84	Broken/rubble
113	116	2.87	95.67	Broken
116	119	3	100	Broken
119	122	3.16	105.33	
122	125	2.96	98.67	Broken
125	128	1.74	58	Broken
128	131	2.21	73.67	Lost recovery/rubble
131	134	3.02	100.67	Broken
134	137	2.64	88	Broken/rubble
137	140	2.56	85.33	Very broken/rubble
140	143	2.99	99.67	Broken

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143	146	2.96	98.67
146	149	3	100

DRILL LOG REPORT

Project: Galena Ridge **Hole Number:** GR-20-04

Drill Hole				Drilling				Collar Survey	
Hole type	DD	**Core location:**		**Drilling started**	Sep-01-2020			**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-03-2020			**Easting:**	410,156
Actual depth:		**Logged by:**		**Drilling contractor:**	Dorado			**Northing:**	6,243,711
Target:								**Elevation:**	1,501

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	217	217	-45	
11	Reflex Hanstone	193.7	211.7	-45.2	
65	Reflex Hanstone	194.5	212.5	-45.6	
102	Reflex Hanstone	193.8	211.8	-46.1	

From	To	Lithology
0	**3**	**CAS - Casing**
3	**105.25**	**MV - Mafic Volcanic**

Dark green to grey greenschist metamorphosed mafic volcanics. Aphanitic with moderately to well defined foliation.

Alteration exists primarily as pervasive chloritization with some sections of chlorite veinlets associated with calcite and quartz veining. Mild intermittent silicification throughout unit. Strong oxidization near fault from 37 to 47 m. The core has spotty magnetism from magnetite grains. Sericite present from 77 to 83 m.
I
Quartz vein from 15.54 to 16.05 m with pyrite and minor chalcopyrite and galena mineralization occurs. Mineralization throughout the rest of the unit occurs primarily in stringers of quartz and calcite as pyrite and pyrrhotite. Few veinlets with fine magnetite grains. Second quartz vein at 40.75 to 41.75 m shows intense rusting which may indicate strong sulfide presence, pyrrhotite is present in minor amounts.

A shear zone from 37.74 to 50 m with 4 gouge occurrences appears along with some quartz/calcite veining containing minor pyrrhotite and pyrite mineralization. A second major shear zone appears at the end of the hole with several occurrences of gouge, mineralization of pyrite is relatively strong adjacent to this fault.

Minor Lithology	*Type/Description*	*Comments*
3.0 - 8.0	CS Calcareous Metasediment	white cm scale beds of calcareous meta-sediments interbedded with mafic volcanics. Possibly a marble. DTCA of 70. Contains thin stringers of pyrrhotite.
16.09 - 16.62	CS Calcareous Metasediment	white cm scale beds of calcareous meta-sediments interbedded with mafic volcanics, possibly a marble. Contains pyrrhotite mineralization in stringers and and a stringer containing galena.

Alteration	*Type/Style/Intensity*	*Comments*
3.0 - 101.5	Chl Pv M	Pervasive chlorite alteration throughout the entirety of the MV unit. Chlorite appears massive in around quartz and calcite veins likely from metasomatism.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862906	11.31	12.18	0.87	3.2	0.2	116.7	2.4	41	0.5
A0862907	12.18	13.18	1	3.6	0.1	41.9	4	72	0.25
A0862908	13.18	13.54	0.36	15.4	0.3	72.8	8.2	51	2.2
A0862909	13.54	14.41	0.87	49.7	0.4	51.9	11.4	147	0.8
A0862910	14.41	15.41	1	3.4	0.2	72.8	4.7	112	0.25
A0862911	15.41	15.67	0.26	265.4	1.7	49.6	11.1	143	1.5
A0862912	15.67	16.09	0.42	1204.1	12.2	291.8	490.8	238	0.7
A0862913	16.09	17.0	0.91	101.1	0.6	94.6	209.5	185	0.25
A0862914	17.0	18.0	1	34.6	0.1	66.5	3.3	34	0.25
A0862915	18.0	19.0	1	1.7	0.05	52	2.2	50	0.25
A0862916	19.0	19.51	0.51	5.4	0.2	81.2	6.1	39	4.1
A0862917	19.51	20.26	0.75	39.7	0.1	27.9	4.8	46	10.1
A0862918	20.26	21.24	0.98	94.2	0.2	62.3	4	77	8.6
A0862919	21.24	22.17	0.93	65.1	0.1	24.5	1.8	70	3.3
A0862920	33.39	34.39	1	1.6	0.05	91.2	1.6	78	3
A0862921	34.39	35.39	1	2.8	0.05	71.3	2.1	53	1.6
A0862922	35.39	36.39	1	4.8	0.05	37	4.3	69	2.7
A0862923	36.39	37.39	1	2.8	0.05	33.9	3.2	85	2.8

DRILL LOG REPORT

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From	To	Lithology			
12.16	21.26	Bl	FV	M	Bleaching throughout interval caused by and proximal to quartz and calcite veins
3.0	54.71	Si	Pv	W	Weak silicification of mafic volcanics throughout the entire interval.
34.8	49.0	Bl	FV	W	Bleaching of wall rock throughout shear zone.
15.07	21.09	Rs	FV	M	Fractured surfaces of core are oxidized, as well as fractures within the core.
36.8	40.75	Rs	FV	S	Strong oxidization along veins and fractures throughout portion of shear zone.
40.75	41.75	Rs	Pv	S	Strong oxidization of quartz vein. moderate chloritization also present. Could be rusting of sulfides.
56.0	59.0	Bl	FV	M	Moderate bleaching of mafic volcanics likely related to quartz/calcite stringers/veinlets.
56.0	96.36	Si	P	M	Moderate silicification which varies in intensity from mild to moderate.
68.43	68.74	Bl	FV	M	Moderate bleaching associated with calcite veining with magnetite and pyrite mineralization.
77.0	83.0	Si	FV	S	Quartz replacement of host rock through means of metasomatism from fracture fluid flow. Foliation of original rock is retained, or foliation occured after alteration. Fine sericite grains at 2% abundance and aligned to foliation also present.
90.5	101.5	Bl	FV	S	Strong bleaching associated with faultIng and quartz veining.
54.71	75.4	Rs	FV	W	Weak rusting along fractured surfaces of core.
90.26	96.66	Bl	FV	S	Strong bleaching closely associated with calcite veining. Strong chloritization also present. alteration front visible.

Mineralization	***Type/Style/%Mineral***		***Comments***
3.0	15.4	Po S 10%	Sulfide mineralization occuring primarily as pyrrhotite with lesser pyrite. Present in calcite and quartz stringers up to 10%
15.4	15.55	Po FR 10%	Abundant pyrrhotite stringers present in altered wallrock adjacent to the 0.5 m wide quartz vein.
15.55	16.05	Py FR 1%	1% sulfides within quartz vein, pyrite is the dominant sulfide which mineralized along fractures(?) oriented DTCA 70. The vein may have a DTCA of 45, which is a measurement of a fractured edge of core.
16.04	16.05	Ccp FR 1%	Few grains ~1 mm across
16.04	16.05	Gn FR 1%	Few grains <1 mm across
16.09	16.62	Po S 1%	Stringers of pyrrhotite distributed throughout the calcareous meta-sediments at
16.36	16.37	Gn S 5%	Single stringer of galena
16.62	21.55	Po D 1%	Pyrrhotite is disseminated throughout the interval unevenly it is concentrated near calcite and quartz veins and in fractures.
21.55	29.55	Po S 5%	Pyrrhotite stringers parallel to foliation occur at irregular intervals ranging from 0.1 to 1 m.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0862924	37.39	38.29	0.9	5.5	0.2	72.6	1.7	96	4.4
A0862925	38.29	39.0	0.71	17.2	0.3	31.5	6.6	66	12.8
A0862926	39.0	40.0	1	17.3	0.3	153.8	2.6	53	1.4
A0862927	40.0	40.65	0.65	57.1	0.4	109.9	2.1	44	1.6
A0862928	40.65	41.0	0.35	14.6	0.2	34.3	3.8	35	5.1
A0862929	41.0	41.65	0.65	12.7	0.05	11.6	4.5	17	0.6
A0862931	41.65	42.65	1	13.1	0.05	22.7	4.6	45	1.9
A0862932	44.0	45.0	1	22.8	0.05	24.2	3.2	38	1
A0862933	45.0	46.0	1	1.9	0.2	32.9	2.3	42	0.8
A0862934	46.0	47.0	1	2.3	0.05	85.9	2.1	41	0.9
A0862935	47.0	48.0	1	1.8	0.1	87.9	2.1	44	0.5
A0862936	48.0	48.25	0.25	1.6	0.05	58	2.9	35	0.7
A0862937	48.25	49.26	1.01	0.25	0.05	8.2	1.3	35	0.25
A0862938	49.26	50.0	0.74	0.25	0.05	1.2	0.8	23	0.25
A0862939	50.0	50.46	0.46	0.6	0.05	20.9	1.6	39	0.8
A0862940	68.37	68.5	0.13	2.8	0.05	26.1	1	28	0.7
A0862941	75.67	75.86	0.19	0.7	0.05	39.8	0.5	24	2
A0862942	89.26	90.26	1	1.9	0.05	50	1.9	36	2.3
A0862943	90.26	91.26	1	0.25	0.05	28.2	2.1	23	0.25
A0862944	92.26	92.58	0.32	6.2	0.2	21.8	8.4	94	0.8
A0862945	92.58	93.58	1	6.3	0.3	43.8	4	45	0.25
A0862946	93.58	95.58	2	3	0.2	50.3	4.7	47	0.6
A0862947	95.58	96.2	0.62	7.1	3.7	137.6	535	160	1.5
A0862948	96.2	96.48	0.28	3.5	0.4	23.1	47.5	31	2.5
A0862949	96.48	97.48	1	0.25	0.05	22	2.9	37	1.3
A0862950	97.48	98.48	1	0.25	0.05	5.7	1.7	18	1.2
A0867501	98.48	99.48	1	0.25	0.05	12.1	1.3	18	1.8
A0867502	99.48	100.48	1	0.8	0.05	6.1	1.2	14	1.6
A0867503	100.48	101.0	0.52	1.7	0.05	12.9	1.2	14	0.8
A0867504	101.0	101.5	0.5	0.25	0.4	17.8	0.9	19	8.1
A0867505	91.26	92.26	1	2.5	0.1	21.5	17.6	60	0.9
A0867506	101.5	104.0	2.5	1.2	0.2	23.1	0.8	21	1.8

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From	To	Lithology		
29.55	29.82	Mag FR 2.5%	Very fine magnetite grains distributed within a calcite vein with Dtca of 40. The vain is up to 1.5 cm wide.
29.82	33.1	Po S 5%	Pyrrhotite stringers parallel to foliation occur at irregular intervals ranging from 0.1 to 1 m.
33.1	33.24	Po FR 1%	Pyrrhotite mineralization in fractures with chlorite, moderate oxidization occured around the fractures.
33.24	47.47	Po FR 1%	Fine pyrrhotite grains that appear disseminated in rock but are concentrated around fractures.
50.0	50.35	Mag FR 1%	Fine grainedmagnetite occuring with pyrrhotite in similar abundance in quartz veins with irregular geometry, and up to 0.5 cm width.
50.35	53.5	Po D 0.1%	Pyrrhotite disseminated in very trace quantities.
53.5	61.3	Po FR 2%	Pyrrhotite is disseminated in rock proximal to calcite veinlets, few coarse grains within calcite veinlets themselves.
22.27	22.28	Mag Tr 10%	Fine magnetite with <1 mm wide elongate crystals within a calcite veinlet.
40.75	41.75	Po FR 1%	Pyrrhotite mineralization in the quartz vein, intense rusting may be of sulfides.
61.3	66.33	Po S 1%	Stringers of Pyrrhotite that follow foliation, sparse density.
66.33	66.43	Po D 0.1%	Disseminated pyrite aligned to foliation.
66.33	66.43	Mag D 30%	Fine magnetite disseminated and aligned with foliation.
66.43	69.43	Po D 1%	Pyrrhotite disseminated in mafic volcanics, fine grained and aligned with foliation. Up to 1% Po.
68.43	69.3	Mag FR 5%	Magnetite closely associated with chlorite and concentrated near a calcite vein, DTCA of 50. Very fine grained and moderately magnetic, suggesting a small concentration of the mineral.
68.43	69.3	Po FR 10%	Pyrrhotite concentrated in and adjacent to calcite veins, DTCA of 50. 10% Po within the veins.
69.3	75.51	Po Tr 0.1%	Trace pyrrhotite present disseminated in the rock with small concentrations appearing in calcite veinlets/stringers
75.51	76.55	Po FR 2%	Pyrrhotite Concentrated in stockwork stringers/veinlets
76.55	84.51	Po FR 1%	Pyrrhotite occuring in stringers/veinlets and fractured surfaces of core.
84.52	86.22	Py FR 5%	5% pyrite along stringers following foliation with DTCA of 55
86.22	88.95	Py D 0.1%	Trace pyrite disseminated throughout mafic volcanics.
88.95	90.9	Py FR 80%	Pyrite occuring in calcite veinlets and disseminated throughout the rock. 2% disseminated and 80% pyritiferous veinlets/stringers.
92.26	96.26	Py FR 10%	Pyrite and pyrrhotite occuring in calcite veinlets and along with magnetite and chlorite. Makes up 10% of the minerals within the veins. Also occurs disseminated in the ro I near the veins.
90.9	92.26	Py FR 0.1%	Pyrite occuring in veinlets/stringers in trace amounts.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867507	104.0	104.7	0.7	2.2	0.1	48.8	2.3	14	1
A0867508	104.7	105.25	0.55	1.6	0.1	37	1.1	15	0.5

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
92.26	96.66	Mag FR 10%	Magnetite up to 10% within calcite veins. Very fine grains.										
96.66	105.25	Py FR 0.1%	Trace pyrite occuring in veinlets.										
Structure		***Type/Intensity***	***Comments***										
3.0	10.0	Bc S	Very broken core and rubbly core. Few fragments greater than 10 cm long.										
15.55	16.05	Vqtz In	50 cm wide quartz vein with Po, Py, Gn, and Cpy mineralization. Fractured core surface DTCA of 45 and pyrite stringers and fractures with DTCA of 70.										
3.0	54.71	VL M	Abundant calcite stringers that are parallel and non parallel to foliation. There are several veins per 10 cm of core. Few of them host sulfides.										
3.0	54.71	Vqtz W	Sparse quartz veinlets up to 1 cm thick, few of which host sulfides. Spaced out 10s to 100s of cms.										
37.74	38.31	She M	Low grade mylonite indicative of shearing. DTCA of 40 for foliation.										
38.31	38.33	G S	Fine grained gouge with angular clasts up to 0.5 cm across.										
38.33	40.7	She M	Mylonite, within a shear zone.										
40.7	40.75	G S	Fine grained gouge with angular clasts.										
40.74	41.75	VN S	Quartz vein with intense rusting suggesting strong previous iron sulfide mineralization. Gouge is present within the vein.										
44.5	44.9	Bc S	Strongly fragmented core likely from the shear zone. Mylonite texture visible on fragments.										
44.9	45.1	G M	Coarse grained gouge with angular clasts up to 1 cm wide.										
45.1	46.5	Bc S	Strongly fragmented core likely from the shear zone. Mylonite texture visible on fragments.										
47.47	48.0	Bc S	Rubbly core likely form weakened rocks from shearing. Fragments ts are about 3 cm wide.										
48.0	48.05	G S	Fine grained gouge with clasts up to 3 mm wide.										
48.05	50.0	Bc W	Weakly broken core with rubble sections. Few pieces greater than 10 cm long. Likely the end of the shear zone.										
50.0	51.7	Vqtz W	Quartz veins following foliation with strong proximal silicification causing blurred edges of the veins. mm scale width.										
51.7	56.66	VL M	Calcite stringers with mm scale width and several occuring within 10 cm of core.										
56.66	56.89	VN M	Calcite vein which caused alteration. Follows foliation at DTCA 55. Width of veins are likely no greater than 1 cm, boundaries are poorly defined.										
60.0	60.5	VN S	Calcite and epidote veins up to 6 cm wide. DTCA 50. At least 2 veins exist over this interval.										
59.0	88.0	VL W	Epidote stringers in a stockwork pattern.										

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
68.43	68.74	VN	S	Calcite veining which cause strong bleaching and magnetite and pyrrhotite mineralization over the interval.									
52.52	56.5	Bc	S	Rubbly core, pieces rarely exceed 10 cm.									
57.0	59.43	Bc	In	Rubbly core, void.									
60.5	66.0	Bc	In	Rubbly core, fragments are subrounded. possibly indicative of a shear zone.									
62.3	64.0	She	In	Fine to coarse angular to subrounded clasts likely cause by brittle shearing, gouge could not be located.									
66.7	68.43	Bc	S	Rubbly core, no pieces over 10 cm long.									
69.1	69.11	G	M	Thin segment of gouge, fine grained with angular clasts.									
68.74	101.5	VL	M	Calcite stringers with mm scale width and several occuring within 10 cm of core. Few contain sulfide mineralization.									
69.11	72.75	Bc	S	Broken core, no pieces greater than 10 cm.									
77.31	84.52	Bc	M	Very broken core and rubbly, few pieces greater than 10 cm.									
80.95	81.22	Vqtz	M	Quartz vein with cm scale width which caused strong alteration of wall rock in the form of silicification.									
87.46	90.5	Bc	S	Rubbly core, few pieces greater than 10 cm long.									
90.9	91.51	BX	W	Weak brecciation of rock caused by stockwork calcite veining. Clasts are no greater than 1 cm wide.									
91.51	91.75	G	S	Coarse grained gouge, angular clasts.									
91.75	96.66	VL	S	Calcite veinlets causing alteration (chlorite and bleaching) and mineralization of magnetite and pyrite.									
96.3	96.46	G	In	light grey gouge with clay to coarse clasts, angular. 1 cm wide dark grey pure clay layer in the center, DTCA of 35.									
96.85	96.95	G	S	light grey gouge with clay to coarse clasts, angular.									
96.3	105.25	She	In	Rubble, fragments from brittle shearing, clasts are cms in diameter. some sections of coarse to fine grained angular clasts and gouge.									
101.2	104.7	G	M	Gouge with clast size ranging from clay to coarse grained, angular. Grey in coarser material and light grey in finer material.									
104.7	105.03	Bc	S	Rubble, sub angular clasts									
105.03	105.25	G	S	Clay gouge.									

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
7.79	Fol	70				Calcareous metasedimentary unit foliation
15.75	F	45				Fractured surface of core of quartz vein
15.8	VL	70				Orientation of pyrite veinlets within quartz vein.
21.34	Vqtz	60	47			Barren quartz vein 1 cm across, discordant to foliation.
21.47	VL	60	100			Pyrite stringers parallel to foliation.
25.84	Fol	20	119			MV foliation
29.63	Vcc	40				Calcite vein 1.5 cm across with minor magnetite content
35.44	Fol	35	162			Foliaiton in fault zone, parallel to fractured surfaces.
38.22	F	40				Fractured surface within fault zone, parallel to foliation.
41.55	Vcc	50				Calcite vein up to 3 cm wide, may exhibit vuggy vein texture. Parallel to foliation
51.85	Fol	30				MV foliation.
58.85	Fol	55				Uncertain measurement of foliation.
59.92	Fol	55				Certain measurement of foliaiton.
60.5	VN	50				Epidote vein >10 cm wide.
66.4	Fol	60				Foliation
68.7	Fol	50				
81.1	VL	40				Calcite stringers
75.79	Fol	65				
88.2	F	25				Fractured surface of core which was likely from a pre existing epidote vein.
85.25	VL	55				Pyrite stringers that are parallel ot foliation.
95.45	VL	50				Pyrite stringer parallel to foliation.
96.3	G	35				Measurement of fault gouge.

Geotech

From	To	Recovery	Recovery %	Comments
3	5	1.36	68	Rubble
5	8	2.55	85	Very broken/rubble
8	11	2.57	85.67	Very broken
11	14	2.98	99.33	
14	17	2.83	94.33	Broken

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17	20	2.95	98.33	Broken
20	23	2.85	95	
23	26	23.02	767.33	
26	29	2.96	98.67	
29	32	2.89	96.33	Broken
32	35	2.76	92	Broken/rubble
35	38	2.75	91.67	Very broken, shear zone
38	41	2.14	71.33	Very broken, gouge
41	44	1.63	54.33	Rubbly, shear zone
44	47	1.92	64	Rubblem shear zone
47	50	2.41	80.33	Very broken/rubble
50	53	2.73	91	Very broken
53	56	1.95	65	Broken/rubble
56	59	1.21	40.33	Rubble, void
59	62	2.58	86	Rubble
62	65	1.76	58.67	Rubble
65	68	2.4	80	Rubble
68	71	2.39	79.67	Rubble
71	74	2.72	90.67	Very broken/rubble
74	77	2.89	96.33	Very broken/rubble
77	80	2.41	80.33	Rubble
80	83	2.35	78.33	Rubble
83	86	2.85	95	Very broken
86	89	2.63	87.67	Very broken/rubble
89	92	2.64	88	Broken/rubble
92	95	1.5	50	Very broken
95	98	3.2	106.67	Half broken, half rubble
98	101	1.35	45	Rubble
101	104	0.6	20	Gouge
104	105.25	1.25	100	Gouge

DRILL LOG REPORT

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Drill Hole				Drilling				Collar Survey	
Hole type	DD	**Core location:**		**Drilling started**	Sep-03-2020			**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**	Sep-04-2020			**Easting:**	410,156
Actual depth:		**Logged by:**		**Drilling contractor:**				**Northing:**	6,243,711
Target:								**Elevation:**	1,501

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	217	217	-70	
14	Reflex Hanstone	190	208	-68.8	
86	Reflex Hanstone	188.9	206.9	-69	

From	To	Lithology
0	**0.87**	**CAS - Casing**
0.87	**88**	**MV - Mafic Volcanic**

Dark green to grey greenschist metamorphosed mafic volcanics. Aphanitic with poorly to moderately defined foliation.

Alteration exists primarily as pervasive chloritization with some sections of chlorite veinlets associated with calcite and quartz veining. Mild intermittent silicification throughout unit.The core has spotty magnetism from magnetite grains. Bleaching ocurrs strongly around quartz and calcite veins.

Quartz vein from 23.81 to 34.10 m with pyrite and minor chalcopyrite and galena mineralization. A second smaller quartz vein exists from 40.43 to 40.50 m with minor galena. From 62.70 to 62.94 m, chalcopyrite blebs are present within a quartz vein. Mineralization throughout the rest of the unit occurs primarily in stringers of quartz and calcite as pyrite. Pyrite is also disseminated in few intervals within the unit, and closely associated with stringer occurrences. 2 quartz veins appear at 62.42 m and 67.35 m, with pyrite and k-spar.

Gouge appears at 26.23 and 59.27 m with small zones of shearing around the gouge. A larger shear zone appears from 69.08 to 89, with strong pyrite and moderate magnetite mineralization.

Minor Lithology	*Type/Description*	*Comments*
0.87 - 2.96	CS Calcareous Metasediment	White calcareous meta-sediments, possibly marble (more than 90% calcite). Contains stringers of pyrite with DTCA of 80.

Alteration	*Type/Style/Intensity*	*Comments*
0.87 - 87.5	Si Pv W	Weak to moderate silicification that varies slightly in intensity throughout section.
0.87 - 87.5	Chl Pv M	Moderate chloritization throughout entire unit, quartz and calcite veins are associated with local strong chloritization.
5.85 - 8.0	Bl FV M	Moderate bleaching controlled by veins of calcite and quartz
15.72 - 15.97	Bl FV M	Bleaching caused by calcite stringers, associated with pyrite mineralization.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867509	23.0	23.47	0.47						
A0867510	23.47	23.7	0.23						
A0867511	23.7	24.3	0.6						
A0867512	24.3	24.96	0.66						
A0867513	24.96	25.44	0.48						
A0867514	11.0	11.2	0.2	3.2	0.3	200.3	1.1	68	0.8
A0867515	40.05	40.34	0.29	4.4	0.3	102.4	9.4	137	0.9
A0867516	40.59	41.0	0.41	2.2	0.3	136.7	4	119	0.7
A0867517	62.73	62.93	0.2	412.1	2.1	582.9	1.1	93	0.25
A0867518	40.34	40.59	0.25	182.3	2.5	394.6	260.1	97	0.9
A0867519	56.82	57.82	1	20.2	0.2	96.7	2	100	0.5
A0867520	57.82	58.82	1	4	0.1	42.4	1.7	83	0.25
A0867521	58.82	59.2	0.38	5.4	0.1	113.9	2.1	104	0.25
A0867522	59.2	59.75	0.55	181.9	1	43.9	3.6	78	1.1
A0867523	63.08	63.34	0.26	0.25	0.2	71.1	8	82	0.25
A0867524	63.34	63.68	0.34	0.25	0.05	28.5	3.9	11	0.25
A0867525	63.68	64.8	1.12	4	0.2	95.3	1.5	102	0.25
A0867526	66.93	67.26	0.33	1.8	0.05	45.5	1.7	95	0.25
A0867527	67.26	67.84	0.58	2.8	0.05	23.7	2.8	28	0.5

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From	To	Lithology			
22.6	25.83	Bl	FV	M	Moderate bleaching cause by quartz vein.
40.0	41.0	Bl	FV	W	Milf bleaching caused by quartz vein.
40.33	40.42	Rs	FV	M	Moderate rusting associated with the quartz vein.
23.78	24.25	Rs	FV	S	Strong rusting of rock on the edges of quartz vein, suggesting alteration of iron sulfides.
24.69	24.82	Rs	FV	S	Strong rusting cause by stringers of calcite
53.26	56.0	Bl	FV	W	Weak bleaching cause by calcite stringers.
72.42	87.5	Bl	FV	M	Bleaching all throughout the shear zone. Ranging from moderate to high.
69.08	80.0	Si	FV	M	Eyes of quartz aligned to foliation. mm scale width. up to 20% proportion of the rock.
79.4	80.0	Chl	Pv	S	Chloritization of rock causing a stronger green colour than the surrounding rock.

Mineralization		*Type/Style/%Mineral*		*Comments*
0.87	2.96	Py	FR	1% Pyrite stringers comprising 1% of the calcareous meta-sediments. The pyrite grains create an appearance of fuzzy dark grey bands in the rock.
2.96	9.0	Po	FR	1% Pyrrhotite occuring in hairline fractures and stringers. Po makes up 1% of the whole rock in sections strongly affected by stringers and veinlets.
9.0	15.77	Py	D	1% Up to 1% disseminated in the rock, grains of pyrite follow foliation and occur in areas with a greater density of calcite stringers
11.14	11.15	Ccp	FR	1% Single chalcopyrite grain about 1 mm across hosted in a calcite veinlet. associated with pyrite.
15.77	16.8	Py	FR	5% 5% pyrite disseminated throughout rock, parallel to foliation, associated with calcite stringers. Fine grains, subhedral to euhedral.
15.77	16.8	SUL	FR	0.1% Small concentration of very fine grained hematite occuring with the pyrite in calcite veinlets/stringers.
23.86	24.1	Ccp	FR	0.1% Few concentrated coarse grains of chalcopyrite closely associated with pyrite and galena. Ocurrs in "fractures" aligned with the orientation of the vein.
23.86	24.1	Gn	FR	0.1% Fine to coarse grains of galena focused along the edges of the vein within fractures.
23.86	24.1	Py	FR	0.1% Coarse grains of pyrite concentrated along the edges of the vein, occurs with galena and chalcopyrite.
16.8	23.86	Py	FR	1% 1% pyrite occuring primarily in calcite stringers and areas that have been calcified. Fine grains that are aligned to foliation.
24.1	38.0	Py	FR	0.1% Pyrite occuring in association with quartz and calcite veinlets as groups of grains within veins and stringers.
38.0	40.43	Py	FR	1% Relatively higher percentage of pyrite hosted in stringers parallel to foliation. up to 1% of the host rock.
40.43	40.5	Py	FR	5% Very coarse grains of subhedral pyrite occuring in a quartz vein up to 3.5 cm wide. Distributed mostly along the margins.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867528	67.84	68.07	0.23	1.7	0.05	20.4	1.5	135	0.25
A0867529	69.08	70.0	0.92	4	0.2	96.4	1.1	70	0.25
A0867531	70.0	71.0	1	4.5	1.1	118.5	1.6	90	0.25
A0867532	71.0	72.0	1	4.2	0.6	81.7	1.8	89	0.25
A0867533	72.0	73.0	1	64.7	0.6	252.3	17.1	80	1
A0867534	73.0	74.0	1	110.5	0.8	461.6	13.5	60	2.5
A0867535	74.0	75.0	1	17.8	0.4	265.9	5.3	51	1.3
A0867536	75.0	76.0	1	1.1	0.2	106.4	3.1	32	0.9
A0867537	76.0	77.0	1	2.4	0.05	6.9	1.9	20	0.25
A0867538	77.0	78.0	1	1.6	0.05	2.3	1.6	24	0.6
A0867539	78.0	79.0	1	2.3	0.05	4.4	1.2	17	0.25
A0867540	79.0	80.0	1	6.5	0.05	83	1.7	36	0.5
A0867541	80.0	80.71	0.71	3	0.05	19.5	2.4	20	0.25
A0867542	82.24	83.0	0.76	1.9	0.05	23.2	1.9	9	0.25
A0867543	83.0	83.71	0.71	2.6	0.05	21.6	1.5	21	0.6
A0867544	83.71	84.42	0.71	4.3	0.05	23.5	1.4	22	0.7
A0867545	84.42	86.0	1.58	3.4	0.05	10.6	1.3	16	0.25
A0867546	86.0	86.37	0.37	2.9	0.05	11.6	1.6	15	1.1
A0867547	86.37	86.83	0.46	4.3	0.05	24.2	1.6	28	0.25
A0867548	86.83	87.5	0.67	1.8	0.05	9.3	1	14	0.25

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
40.5	40.58	Py D 2%	Fine grains of pyrite disseminated throughout the alteration halo caused by the quartz vein. 2%.										
40.58	61.59	Py Tr 0.1%	Trace pyrite occuring in stringer and veinlets.										
61.59	62.7	Py FR 1%	Pyrite occuring in veinlets and stringers I higher abundance than previous interval.										
62.7	62.94	Ccp FR 1%	blebby chalcopyrite occuring in an irregularly shaped calcite vein. Pyrite occuring in the vein as fine grains in fractures.										
40.43	40.5	Gn FR 0.1%	2 very fine grains of galena occuring in a fracture within the quartz vein.										
62.42	62.68	Py FR 1%	Coarse pyrite grains occuring in hairline fractures with chlorite that run discordant to the vein and appear in the wall rock as well. the vein has DTCA of 60. Finer pyrite grains occur disseminated throughout the vein at <1%.										
67.35	67.84	Py FR 1%	Pyritedisseminated as euhedral grains throughout the vein, <1%.										
63.08	72.45	Py Tr 0.1%	Trace pyrite disseminated throughout the rock.										
72.45	80.71	Py FR 50%	Up to 50% pyrite occuring in calcite veins along with magnetite and chlorite. Veins are up to 3 cm wide, at least 7 veins occur along this interval.										
72.45	80.0	Mag FR 40%	Up to 40% magentie within calcite veins, occuring with pyrite and chlorite.										
80.71	87.5	Py FR 1%	Pyrite occuring in stringers of chlorite and calcite. Appears on fractured surfaces as well.										
80.0	80.71	Py FR 1%	Pyrite occuring in chlorite stringers within the calcite vein.										
Structure		***Type/Intensity***	***Comments***										
0.87	5.5	Bc S	Rubbly core, 2 pieces greater than 10 cm long.										
5.0	69.08	VL S	Abundant calcite and quartz stringers aligned to foliation and stockwork stringers. Common host for sulfide mineralization. Occur all throughout core.										
23.87	24.1	Vqtz In	Quartz vein with DTCA of 50. Contains pyrite, galena and chalcopyrite. The wall rock around the vein is strongly oxidized, suggesting iron sulfide oxidation.										
11.46	12.39	Vcc S	Rubble										
15.1	20.52	Bc S	Strong rubble sections.										
26.23	26.28	G S	Grey to rust red colour, clay matrix with angular coarse clasts.										
25.9	26.53	She M	Evidence of shearing from strongly fractured core, fractured surfaces have slicken lines, clay and clasts on them.										
32.25	33.6	Bc M	Rubbly core, fragments are about 8 cm in diameter.										
40.43	40.5	Vqtz S	Quartz vein up to 4 cm wide with DTCA of 55. Pyrite and galena mineralization.										

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
47.6	63.08	VL	W	Thin (<1cm) translucent to pink-white quartz veins with 3 measurements at 70 degrees DTCA. Spaced apart at 1.5 m intervals, few contain mineralization.									
62.7	62.8	VL	M	irregularly shaped quartz vein containing pyrite and chalcopyrite mineralization. Veinlet is 0.5 cm wide.									
59.27	59.66	G	S	Clay matrixe with angular clasts up to 0.5 cm in diameter. Brown to rust red colour.									
62.42	62.68	Vqtz	In	Quartz vein with discordant hairline fractures that host chlorite and pyrite. The vein has a white and pink colour suggesting presence of K-spar.									
67.35	67.84	Vqtz	In	White to pink quartz with discordant pyrite and chlorite stringers running through the wall rock and vein. Pyrite disseminated <1% through vein.									
67.84	69.7	Bc	S	Rubbly core, possibly from shearing									
69.08	87.5	She	S	Brittle-ductile shearing that created low grade mylonite and short sections of gouge.									
72.45	80.71	Vcc	M	At least 7 calcite veins occur along this interval, aligned to foliation. Up to 3 cm wide and contain pyrite, magnetite and chlorite. Several stringers also occur along the interval.									
69.08	87.5	VL	W	calcite stockwork stringers.									
86.38	86.54	G	S	brown to grey gouge, angular clasts up to 5 mm wide in a matrix of clay.									
80.71	87.5	Bc	In	Rubble with a section of gouge at 86.38 m									
80.0	80.71	Vcc	In	Calcite vein heavily fractured by chlorite and pyrite stringers.									

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
6.38	Vqtz	80				5 cm wide quartz vein with <1% pyrrhotite mineralization. Parallel to foliation
9.73	Fol	50				
15.96	VL	55				Measurement of a calcite stinger with several other stringers of quartz, calcite and pyrite nearby with the same orientation.
24.08	Vqtz	50				Contact of a 20 cm wide quartz vein with Cpy, Py and Gn(?).
22.92	Fol	65				
29.42	VL	70	56			Calcite stringers, possibly parallel to foliation.
37.55	Vcc	70	126			Calcite stringers, possibly parallel to foliation.
47.64	Vqtz	70	128			2 quartz veinlets up to 0.5 cm wide, causing minor pyrite mineralization and chloritization.
52.51	Vqtz	70	163			0.5 cm wide quartz veinlet devoid of sulfides, and caused proximal chloritization.
61.6	Vqtz	70	290			Up to 2 cm wide quartz veinlet, has slight pink colour and chloritization. Minor pyrite.
57.9	VL	35				Quartz veinlet which is strongly rusted. mm scale width.
25.7	Fol	65				
14.78	Fol	45				Foliation with parallel pyrite stringers and calcite stringers.
63.43	Vqtz	60	162			Measurement of upper contact of quartz vein.
76.79	F	40	67			Fractured surface parallel to foliation.
70.6	Fol	35				
80.7	F	40				Fractured surface of calcite vein, may represent orientation.

Geotech

From	To	Recovery	Recovery %	Comments
0.87	2	1.13	100	Rubbly
2	5	1.53	51	Rubbly
5	8	2.69	89.67	Rubbly
8	11	2.98	99.33	Very broken
11	14	2.81	93.67	Broken
14	17	2.63	87.67	Broken/rubble
17	20	2.36	78.67	Broken/rubble
20	23	2.93	97.67	Very broken
29	32	2.9	96.67	Very broken

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32	35	3.03	101	Broken
35	38	2.94	98	Broken
38	41	2.86	95.33	Broken
41	43	3.01	150.5	
43	46	3.09	103	
46	50	3.04	76	Broken
50	53	2.97	99	
53	56	2.82	94	
56	59	2.69	89.67	Broken
59	62	2.88	96	
62	65	3.03	101	
23	26	2.62	87.33	Very broken
65	68	2.93	97.67	Very broken
68	71	2.2	73.33	Loss from rubble, box dropped
71	74	3.09	103	Rubble section, box dropped
74	77	2.8	93.33	Broken
77	80	2.94	98	
80	83	1.36	45.33	Rubbly, loss section
83	86	1.38	46	Rubble
86	87.5	1.31	87.33	Rubble and gouge

DRILL LOG REPORT

Project: Galena Ridge **Hole Number:** GR-20-06

Drill Hole				Drilling				Collar Survey	
Hole type	DD	**Core location:**		**Drilling started**	Sep-04-2020			**Grid:**	NAD83 / UTM zone 9N
Hole size:		**Claim number:**		**Drilling completed:**	Sep-05-2020			**Easting:**	410,156
Actual depth:		**Logged by:**		**Drilling contractor:**	Dorado			**Northing:**	6,243,711
Target:								**Elevation:**	1,501

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	217	217	-82.5	
14	Reflex Hanstone	185	203	-82.6	
64	Reflex Hanstone	188.9	206.9	-82.3	
86	Reflex Hanstone	187.8	205.8	-82.6	

From	To	Lithology
0	**0.61**	**CAS - Casing**
0.61	**86**	**MV - Mafic Volcanic**

Dark green to grey greenschist metamorphosed mafic volcanics. Aphanitic with poorly to moderately defined foliation.

Alteration exists primarily as pervasive chloritization with some sections of chlorite veinlets associated with calcite and quartz veining. Moderate silicification above 48.00 and below 50 m. The core has spotty magnetism from magnetite grains. Bleaching occurs around quartz and calcite veins.

Mineralization occurs primarily as pyrite in stringers and veinlets of calcite and quartz. Few spots with small amounts of Cpy. Quartz veins with o ly pyrite for sulfides occur at 32 and 51 m. Minor rusty ~10 cm quartz vein at 50.90 m. Fractures commonly oxidized above 50.9 m.

Evidence for brittle shearing exists in the form of rubbly core. Stringers of calcite and quartz are present throughout the entire depth. Healed hairline fracturing of carbonate and/or quartz is ubiquitous throughout the mafic volcanic rock. Faulting with gouge at 74.5 and 76.6m is characterized by blueish grey clay matrix and minor light yellow rusted fracturing. Fault zone extends from 73.00 - 77.3 m where another zone appears below 80 m extending to the end of the hole at 86.0 m characterized by moderate structurally controlled clay alteration, pervasive weak chlorite and is oriented ~15-20 DTCA.

Minor Lithology	*Type/Description*	*Comments*
0.61 - 8.0	CS Calcareous Metasediment	White to buff calcareous meta-sediments. Strongly deformed and interbedded with mafic volcanics.

Alteration	*Type/Style/Intensity*	*Comments*
0.61 - 86.0	Chl Pv M	Moderate chloritization throughout entirety of mafic volcanics unit. Chlorite alteration is strong in quartz and calcite vein/stringer selvages.
8.0 - 48.0	Si Pv M	Moderate silicification that varies in intensity in some places.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867549	32.07	32.54	0.47	82.3	0.4	70.7	4.5	68	1.5
A0867550	32.54	32.9	0.36	232	1.3	49.3	18.8	107	1.9
A0867551	32.9	33.26	0.36	19.3	0.4	81.4	3.7	77	1.5
A0867552	33.26	34.05	0.79	179.1	1.9	325.7	36	66	2.9
A0867553	34.05	34.8	0.75	1.7	0.3	159.8	3.8	182	0.25
A0867554	50.62	50.85	0.23	2	0.1	58.9	2.3	71	0.5
A0867555	50.85	51.15	0.3	0.25	0.05	58.8	2	65	0.6
A0867556	74.0	74.35	0.35	1.1	0.3	137.8	4.8	134	0.9
A0867557	74.35	74.95	0.6	3	0.3	130.6	4.8	147	0.9
A0867558	74.95	75.6	0.65	247.8	1.1	100.4	46.8	111	0.9
A0867560	75.6	76.0	0.4	21.7	0.7	237.2	11.5	103	0.25
A0867561	76.0	76.6	0.6	24.6	0.4	95.4	7.2	102	1
A0867562	76.6	77.25	0.65	354	1.6	91.6	19.2	134	1.6
A0867563	77.25	77.73	0.48	3.7	0.2	87.7	6.8	123	1.1

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From	To	Lithology				Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
17.4	25.0	Rs	FV	W	Weak rusting occuring on fractured surfaces of core.										
19.77	20.0	Bl	FV	M	Moderate bleaching producing a grey colour likely from quartz veinlets.										
32.58	33.03	Bl	FV	W	Weak bleaching associated with a quartz vein.										
33.39	33.5	Bl	FV	S	Strong bleaching associated with carbonate veinlets.										
42.6	42.97	Rs	FV	W	Weak rusting on fractured surfaces.										
45.79	45.93	Bl	FV	M	Grey colour bleaching caused by quartz vein.										
45.95	46.4	Rs	FV	W	Weak rusting along fractures.										
51.0	80.0	Si	Pv	W											
80.0	86.0	Ka	FV	M											
Mineralization		***Type/Style/%Mineral***			***Comments***										
0.61	9.5	Py	FR	1%	Pyrite occuring in stringers of calcite in mafic volcanics and calcareous meta-sediments.										
9.5	18.13	Py	D	0.1%	Disseminated pyrite in mafic volcanics. Also occurs in stringers aligned to foliation.										
18.13	32.58	Py	FR	2%	Pyrite occuring in stringers aligned to foliation, often associated with calcite.										
32.58	32.8	Py	FR	5%	5% pyrite disseminated throughout the vein and concentrated in edges and little stringers. Chlorite occurs on the margins of the vein.										
32.8	33.5	Py	FR	5%	Pyrite up to 5% occuring in stringers.										
20.1	20.2	Ccp	FR	0.1%	Single grain of Cpy about 2 mm across hosted in a calcite vein DTCA of 35.										
33.6	33.61	Ox	FR	0.1%	Malachite occuring on fractured surface of rubbly quartz core, likely a sheared quartz vein.										
33.5	42.19	Py	S	1%	Abundant stringers of pyrite occuring in association with calcite and quartz stringers/veinlets										
42.19	51.15	Py	FR	10%	Pyrite occuring within quartz and calcite veinlets/stringers. coarser grains are more common. Up to 10 % within veinlets.										
44.63	44.64	Ccp	FR	0.1%	Single grain of Cpy 2 mm across occuring in a calcite veinlet.										
45.2	45.21	Ccp	FR	0.1%	Very fine Cpy hosted in a calcite vein with pyrite.										
42.89	42.9	Py	FR	10%	Coarse grains of pyrite (up to 0.4 cm across) and fine grains of hematite present in a fractured surface of core that has undergone weak oxidization.										
45.85	45.88	Py	FR	1%	1 % pyrite.										
50.91	51.0	Py	FR	1%	1% pyrite.										

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
53.6	53.7	Py FR 0.1%	Trace pyrite within small stringer										
53.7	75.6	Py D 0.1%											
75.6	77.0	Py D 2%	2%disseminated pyrite within fault zone.										
77.0	86.0	Py D 0.1%											

Structure	*Type/Intensity*	*Comments*
0.61 - 51.15	VL S	Abundant calcite and quartz stringers mostly oriented parallel to foliation.
0.61 - 8.0	Fld S	Strong folding of calcareous meta-sediments and mafic volcanics
18.13 - 26.9	Bc S	Strongly broken core, rubbly sections.
32.58 - 32.8	Vqtz S	Quartz vein up to 12 cm wide. Coarse quartz Crystal's and vuggy texture. Chlorite and pyrite mineralization.
33.5 - 33.75	Vqtz M	Remnants of a quartz vein that was likely faulted, core is broken to rubble. One oxidized fragment shows malachite mineralization.
33.5 - 38.35	Bc S	Rubbly core, could be indicative of a shear zone
40.18 - 40.4	BX M	Mafic volcanics brecciated by stockwork epidote stringers.
40.4 - 51.15	VL W	Epidote +/- calcite and garnet veinlets sparsely populated.
42.0 - 51.15	VN W	Quartz veinlets up to 0.5 cm wide. sparsely distributed. Milky white to translucent grey.
45.85 - 45.88	Vqtz S	White quartz vein up to 2.5 cm wide. Minor pyrite. DTCA 50.
48.31 - 50.0	Bc M	Rubbly core.
50.91 - 51.0	Vqtz M	Quartz vein up to 7 cm true width. contains pyrite, chlorite, kspar and calcite stringers. DTCA of 60.
73.5 - 77.25	Flt S	Strong fault zone with at least three fault gouges (74.53, 76.7 and 77.00 m). Zone shows increased disseminated pyrite +-pyrrhotite with minor increased silicification.
80.0 - 85.34	Flt W	Fault zone with blue grey clay on fractures. Minor limonite stains. Zone is oriented sub parallel to the core axis at approximately 15 DTCA.

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
9.09	VL	50				Calcite stringer set. Parallel to foliation.
20.1	Vcc	35				Calcite vein 4.5 cm wide that appears to have brecciated a pre-existing quartz vein. 1 grain of Cpy with in calcite.
24.65	Fol	40				Foliation of mafic volcanics and orientation of pyrite stringers.
15.4	Fol	50				
32.53	Fol	55	35			Foliation measurement which is parallel to the quart vein and quartz stringers.
33.45	VL	65				Quartz stringers
33.19	Fol	50				
40.97	VL	70	107			Quartz veinlet 0.5 cm wide. Parallel to foliation.
42.9	F	40	158			Fractured surface with pyrite and hematite mineralization and weak oxidization.
45.85	Vqtz	50				2.5 mm wide quartz vein.
52.5	Fol	50	30			
59	Fol	48	30			
70.3	Fol	47				
76.65	C	25				
76.4	Vqtz	20				1 cm wide qtz vn with trace to 1% sulphides on contacts.
76.7	G	50				

Geotech

From	To	Recovery	Recovery %	Comments
0.61	2	1.39	100	Broken
2	5	1.8	60	Rubble
5	8	2.66	88.67	Rubble
8	11	3.15	105	Broken
11	14	3.1	103.33	Broken
14	17	2.44	81.33	Broken/rubble
17	20	2.16	72	Broken/rubble
20	23	1.72	57.33	Rubble
23	26	2.6	86.67	Rubble
26	29	2.97	99	Broken

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29	32	3.07	102.33	Broken
32	35	2.6	86.67	Rubble
35	38	1.94	64.67	Rubble
38	41	2.93	97.67	Broken
41	44	2.95	98.33	Broken
44	47	3.04	101.33	Very broken
47	50	2.85	95	Very broken/rubble
50	53	3.1	103.33	1.15-
53	56	2.95	98.33	
56	59	2.96	98.67	
59	62	2.77	92.33	
62	65	3	100	
65	68	2.67	89	
68	71	2.91	97	
71	74	2.85	95	
74	77	2.8	93.33	
77	80	2.79	93	
80	83	3	100	
83	86	2.65	88.33	

DRILL LOG REPORT

Project: Doc Project **Hole Number:** DC-20-06

Drill Hole				Drilling		Collar Survey	
Hole type	DD	**Core location:**		**Drilling started**		**Grid:**	NAD83 / UTM zone 9N
Hole size:	HQ	**Claim number:**		**Drilling completed:**		**Easting:**	410,142
Actual depth:		**Logged by:**		**Drilling contractor:**		**Northing:**	6,244,751
Target:						**Elevation:**	1,273

Survey

Depth	Survey Type	Mag Azimuth	Azimuth	Dip	Survey Quality
0	Collar	225	225	-70	
20	Reflex Hanstone	205.1	223.1	-69.1	
80	Reflex Hanstone	199.6	217.6	-69	
149	Reflex Hanstone	198.2	216.2	-69.4	

From	To	Lithology
0	**1.5**	**CAS - Casing**
1.5	**40.3**	**MV - Mafic Volcanic**

Medium gray, fine grained, locally bedded, weakly foliated to massive mafic volcanic. Lower contact is faulted.

Broken, locally blocky core from casing to 51.8 m. Fault gouge material present from 31.75 to 31.9 m, and from 38.9 to 39.15 m.

Pervasive weak chlorite. Patchy nodular and fracture fill carbonate. Patchy moderate silicification throughout. Weak rusty fracture coatings occur sporadically throughout.

Trace fine grained disseminated py occurs sporadically throughout. Veinlet controlled cpy observed from 13 to 13.5 m. Moderate oxidiation from 8.3 to 9.0 m, patchy from 17.5 to 25 m.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867645	12.0	13.0	1	23.8	0.5	188.4	4.4	78	1
A0867646	13.0	13.5	0.5	41.1	8.7	1717.3	14.7	123	0.25
A0867647	13.5	14.0	0.5	6.4	0.3	98.4	2.3	72	0.9
A0867648	14.0	15.0	1	2.2	0.2	100.9	2.4	64	0.9
A0867649	15.0	16.0	1	7.7	0.2	87.7	2.3	54	1
A0867650	16.0	17.0	1	1.9	0.2	82.2	5.9	60	2.2

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 40.5	Si P M	
1.5 - 149.0	Carb P M	

Project: Doc Project **Hole Number:** DC-20-06

From	To	Lithology
40.3	64	**MV - Mafic Volcanic**

Medium to dark grey, fine grained, strongly silicified, bedded mafic volcanics. Distinct bedding at approximately 60 dTCA. Lower contact faulted.

Fragment rich, weakly mineralized, vein quartz vein from 60.75 to 61.15 m at approx. 35 DTCA. Vein alteration halo with vuggy strong hydrothermal alteration extends from 60.51 to 62 m.

Upper contact marked by hydraulic bx with pink red hm filled fractures. Broken / blocky core to ~51.8 m below which core is fairly competent to 60.51 m. Altered / veining zone from 60.51 to 62.0 m is moderately fractured. Blocky / rubble fault zone from 62 to 68.7 m. Possible fault gouge at 65.9 m.

Strong silicification throughout. Patchy moderate fracture and bedding controlled Fe staining. Weak to moderate structurally and bedding controlled, patchy to locally pervasive, chlorite + epidote from 52.7 to 60.51. Strong hydrothermal alteration, moderate sericite + moderate oxidation (+ strong potassic?), from 60.51 to 62.5 m.

Trace disseminated fine grained py occurs sporadically throughout. Slight increase in py abundance below 55 m, occuring as thin fine grained veinlets and disseminated. Weak (2%) disseminated medium grained py from 60.51 to 62 m.

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 40.5	Si P M	
40.5 - 60.5	Si Pv S	
1.5 - 149.0	Carb P M	
52.0 - 60.5	Chl B M	Bedding controlled and frac/ vein controlled chl + ep
52.0 - 60.5	Ep B M	

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 55.0	Py Tr 0.1%	Trace disseminated py
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
13.0 - 13.5	Ccp Tr 1%	Trace clots of cpy.

Structure	*Type/Intensity*	*Comments*
1.5 - 51.8	Bc M	
31.75 - 31.9	G W	
38.9 - 39.15	G W	

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867651	51.0	52.0	1	1.9	0.3	73.3	1.1	200	0.7
A0867652	52.0	53.0	1	22.7	0.6	71.2	8.8	140	0.7
A0867653	53.0	54.0	1	3.4	0.4	100.9	3.3	91	0.7
A0867654	54.0	55.0	1	9.9	0.3	63.2	3.2	94	2.6
A0867655	55.0	56.0	1	6.9	0.2	37.6	2.5	72	2.8
A0867656	56.0	57.0	1	3.8	0.2	29.4	2	62	1.7
A0867657	57.0	58.0	1	92.3	0.8	70.2	95.3	71	0.9
A0867658	58.0	59.0	1	33.9	0.3	23.7	6.1	67	1.6
A0867659	59.0	60.0	1	6	0.3	24.1	10.6	101	1.9
A0867660	60.0	60.5	0.5	5.8	0.3	26	16.3	76	1.1
A0867661	60.5	60.8	0.3	636	2.4	22.8	42.9	37	1.3
A0867662	60.8	61.1	0.3	1225.8	4.2	19.2	15.3	22	1.7
A0867663	61.1	61.55	0.45	2718.9	9.6	43.3	17.3	42	0.7
A0867664	61.55	62.0	0.45	1582.2	5.8	61.5	22.1	39	0.9
A0867665	62.0	63.5	1.5	234	1.1	48.3	60.4	73	1
A0867666	63.5	65.0	1.5	8.5	0.7	22.6	13.3	64	0.7

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From	To	Lithology
60.5 - 64.0		K FV S
60.5 - 62.0		Ser FV M
60.5 - 62.0		Hem FV M
60.5 - 64.0		Carb FV M
60.5 - 119.3		Si P M

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 55.0	Py Tr 0.1%	Trace disseminated py
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
55.0 - 60.15	Py D 0.5%	Fine grained trace disseminated py. Locally as small fabric controlled veinlets / stringers.
60.15 - 62.0	Py FR 2%	Vein controlled medium grained disseminated py. Associated with late cross cutting veinlets.
62.0 - 149.0	Py Tr 0.1%	Sporadic trace disseminated py

Structure	*Type/Intensity*	*Comments*
1.5 - 51.8	Bc M	
60.5 - 62.0	Vqtz S	Main fragment rich vein from 60.75 to 61.15 m. Alteration halo with late cross cutting mineralized veinlets from 60.5 to 62 m.
62.0 - 68.7	Flt S	Fault damage zone with apparent fault core gouge from 65.8 to 66m. Entire interval is blocky core / rubble with ~60% recovery.

64 149 MV - Mafic Volcanic

Medium gray, fine grained, weakly foliated (bedded) to massive, mafic to intermediate volcanic. Lower contact is EOH

Blocky / broken core from 64 to 73.5 m. Moderate fracturing with local blocky core from 73.5 to 91.5 m, possible fault gouge (rubble, some clay) from 90.3 to 90.4 m. Weak fracturing to ~99 m. Below 99 m core is broken and very locally blocky to 110.3 m. Fragment-rich fault gouge from 109.95 to 110.05 m. Weak fracturing from 110.3 to 117.9 m. Fault zone from 117.9 m with weakly developed damage zone to 119 m, fault core gouge/ rubble from 119.0 to 119.25 m, poorly developed moderately fractured damage zone to 119.6 m. Broken locally blocky core from 119.6 to 123.5 m. Fault zone from 123.5 to 128.1 m, strongly fractured blocky core to 126.4 with intense clay and sand filled fault gouge from 126.4 to 128 m with associated core loss. Weak fracturing from 128 to 143 m. Fault zone below.

Rusty/ oxidized fractures occur throughout. Trace sericite / carbonate occurs sporadically on fractures throughout. Patchy pervasive moderate silicification occurs from 64 to 119.3 m, strong to locally intense, pervasive to patchy silicification from 119.3 to 132.28 m. Weak silicification below. Trace to weak pervasive chlorite throughout. Strong to locally moderate hydrothermal alteration associated with faulting and veining from 119 to 133 m, comprised of moderate to intense silicification, moderate to intense oxidation, local fracture controlled moderate potassic alteration, and local intense sericite + chlorite alteration.

Trace sporadic fine grained pyrite throuhgout. Fine grained disseminated, vein hosted and thin veinlets of pyrite (1-2%) occur locally from 76 to 119 m. Moderate to strong oxidized sulphides and trace to 3% fine

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867666	63.5	65.0	1.5	8.5	0.7	22.6	13.3	64	0.7
A0867667	65.0	66.0	1	7.9	0.5	21.2	6.5	55	0.6
A0867668	66.0	67.0	1	9.2	0.2	37.8	4.1	64	0.7
A0867669	67.0	68.0	1	7.7	0.3	35.6	3.8	65	0.9
A0867671	68.0	69.0	1	4.6	0.05	18.5	2.9	46	0.9
A0867672	76.0	76.5	0.5	9.4	0.3	55.9	3.5	108	2.2
A0867673	76.5	77.0	0.5	112.4	0.5	56.2	21.8	104	2
A0867674	77.0	78.0	1	41.5	0.4	64	7.3	119	2.9
A0867675	78.0	79.0	1	5.4	0.4	69	11.9	145	2.3
A0867676	89.0	90.0	1	1.8	0.2	48.2	2.5	109	0.9
A0867677	90.0	91.0	1	4	0.3	84.4	1.8	121	0.9
A0867678	91.0	92.0	1	17.5	0.6	86.7	48.1	162	1.1

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From	To	Lithology
		grained pyrite occur from 119 to 131 m. Clots and trace disseminated cpy associated with veining occur from 130.5 to 132.28. Abundant (5-15%) disseminated, medium to coarse grained, subhedral, vein hosted py occurs from 131 to 132.28

Alteration	*Type/Style/Intensity*	*Comments*
1.5 - 149.0	Chl Pv W	
1.5 - 149.0	Rs FV W	
1.5 - 149.0	Carb P M	
83.0 - 86.0	Ep P M	
60.5 - 119.3	Si P M	
119.3 - 132.28	Si Pv S	Pervasive or patchy intense structurally controlled silicification
132.28 - 149.0	Si Pv W	
105.9 - 110.0	Rs FV M	
119.0 - 128.0	Rs FV S	Moderate to locally intense structurally controlled oxidation
119.0 - 133.5	Chl FV M	Patchy moderate structurally controlled chlorite
119.0 - 133.5	K FV W	Local weak to moderate fracrure controlled potassic alteration
130.7 - 131.1	Chl Pv S	Strong pervasive chlorite + sericite at upper margin of main vein
130.7 - 131.1	Ser Pv S	
119.0 - 130.7	Ser FV W	
119.0 - 130.7	Carb FV W	Local vein and veinlets of carbonate
146.0 - 149.0	Chl FV S	intense chlorite replacement in gouges
133.5 - 149.0	Chl Pv M	

Mineralization	*Type/Style/%Mineral*	*Comments*
1.5 - 149.0	Ox FR 1%	Rusty oxidized fractures occur more or less throughout.
62.0 - 149.0	Py Tr 0.1%	Sporadic trace disseminated py
76.5 - 78.0	Py FR 2%	Fine to medium grained disseminated and veinlets of py. Structurally controlled associated with fractures, and mm to cm scale quartz carbonate veins/ veinlets.
107.8 - 110.0	Ox FR 10%	Moderate rusty alteration / mineralization and fracture coatings.

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867679	92.0	93.0	1	2.6	0.3	118.1	1	133	0.6
A0867680	97.18	97.8	0.62	1	0.3	44.1	5.4	74	1.1
A0867681	97.8	98.3	0.5	134.5	0.9	62.5	19.9	111	0.9
A0867682	98.3	98.8	0.5	3.6	0.4	72.2	2.2	70	1.1
A0867683	105.5	106.0	0.5	6.3	0.4	96.3	9.2	123	0.8
A0867684	106.0	107.0	1	17.2	0.5	83.2	9.9	77	1.5
A0867685	107.0	107.8	0.8	4.3	0.3	69	8.5	93	1.6
A0867686	107.8	108.8	1	16.6	0.7	88.6	133.4	182	7.6
A0867687	108.8	109.8	1	2.8	0.4	96.1	4.9	98	2.8
A0867688	109.8	110.5	0.7	77.1	0.9	130.8	20.4	101	1.4
A0867689	110.5	111.0	0.5	2.4	0.2	54.7	1.5	85	0.9
A0867690	111.0	112.0	1	69.2	0.8	181.9	3.8	78	0.9
A0867691	112.0	112.5	0.5	48	0.6	170.7	16.8	63	0.9
A0867692	112.5	113.5	1	223.1	1.3	208.4	56.5	117	0.25
A0867693	113.5	114.0	0.5	34.7	0.4	93.1	3.6	87	0.25
A0867694	117.0	118.0	1	69	0.5	131.3	4.8	111	0.6
A0867695	118.0	119.0	1	120.8	1.5	148.6	84.8	121	1.1
A0867696	119.0	119.5	0.5	9433.3	30	174.4	134.2	130	8.2
A0867697	119.5	120.0	0.5	533.6	1.8	61.6	11.3	121	1.3
A0867698	120.0	121.0	1	396.8	2.1	120.3	67	147	1.2
A0867699	121.0	122.0	1	567.7	4.5	241.2	701	266	1.4
A0867701	122.0	123.0	1	72.5	1	319.4	22.3	212	1.1
A0867702	123.0	124.0	1	172.1	1	154.8	12.9	232	1.9
A0867703	124.0	125.0	1	780.1	3.1	112.6	92.8	275	2.3
A0867704	125.0	126.0	1	246.8	1	61.7	9.7	157	1.8
A0867705	126.0	128.0	2	1366.6	7.4	114	132.3	151	2.1
A0867706	128.0	129.0	1	2879.6	10	88.5	18	52	0.7
A0867707	129.0	130.0	1	693.9	3.2	367.5	37.8	86	0.25
A0867708	130.0	131.0	1	841	9.2	1413	704.6	256	0.7
A0867709	131.0	131.5	0.5	100000	100	347.1	575	197	0.25
A0867710	131.5	132.0	0.5	100000	100	1403	10000	1075	1
A0867711	132.0	132.28	0.28	57800.9	100	705.7	4143.9	1057	0.8

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From	To	Lithology		
112.0	113.5	Py D 1%	Fine grained disseminated and quartz carbonate fracture fill vein hosted py	
112.0	113.5	Py FR 1%	Weak vein / alteration / structurally controlled fine grained disseminated py	
119.0	128.1	Ox FR 15%	Fault + fracture controlled oxidized mineralization	
119.0	131.0	Py FR 1%	Weak vein / alteration / structurally controlled fine grained disseminated py	
130.5	132.0	Ccp FR 0.1%	Trace cpy. Clots observed at 130.8 m.	
131.0	132.28	Py FR 10%	Abundant (5-15%) disseminated, medium to coarse grained, subhedral, vein hosted py	
132.28	133.5	Ox FR 10%	Weak to moderate oxidation below vein	
138.0	140.0	Ccp FR 0.1%	Trace cpy in late qtz carb veinlets	
Structure		***Type/Intensity***	***Comments***	
62.0	68.7	Flt S	Fault damage zone with apparent fault core gouge from 65.8 to 66m. Entire interval is blocky core / rubble with ~60% recovery.	
65.8	66.0	G M	Fault gouge with white gray clay. Depth approximate due to core loss.	
66.0	73.5	Bc M	Broken / blocky core	
73.5	91.5	F M	Moderate fracturing with local blocky core	
89.0	97.0	Fld M	Broad zone of ductile deformation. Convoluted bedding / foliation with cm scale parasitic folds.	
90.3	90.4	G W	Possible gouge, weak, rubble and some clay	
91.5	99.0	F W		
99.0	110.3	Bc M	Broken, very locally blocky	
109.95	110.05	G M	Rusty, limonite and clay (sericite) coated / filled gouge. Fragment rich bordering on fault bx	
110.3	117.9	F W		
117.9	119.6	Flt M	Fault zone. Moderate to strong fracturing with fault core gouge from 119 to 119.25	
119.0	119.25	G S	Fault core. Rusty gouge with sandy matrix, quartz vein fragments.	
123.5	128.1	Flt In	Fault zone. Damage zone from 123.5 to 126.4 m, with secondary fault bx from 123 to 123.65 m.	
126.4	128.0	G In	Rusty light orange brown, clay and sand filled fault gouge. Associated core loss.	
128.1	143.0	F W		

Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
A0867712	132.28	133.0	0.72	192.4	1.4	308.9	95.1	1640	1.9
A0867713	133.0	134.0	1	120.2	0.6	78.6	25.9	362	1.2
A0867714	134.0	135.0	1	6.2	0.3	86	4.2	136	0.6
A0867715	138.0	139.0	1	6.6	0.3	128.7	13.3	90	0.6
A0867716	139.0	140.0	1	5.9	0.2	101.4	6.1	93	0.25

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From	To	Lithology		Sample	From	To	Length	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
131.15	132.28	Vqtz	In	Massive, mineralized, anastomosing quartz vein.									
143.0	149.0	Flt	M	Fault zone with weakly developed damage zone (moderate broken / blocky core) and 3 distinct gouges									
143.6	143.75	G	W	Possible gouge with minor clay and rubble									
146.18	146.42	G	M	Weakly consolidated (crumbles to touch) fault gouge / bx. Approx 70% dark green gray (chlorite rich) matrix and 30% mm to cm scale angular fragments.									
148.1	148.3	G	M	Weakly consolidated (crumbles to touch) fault gouge / bx. Approx 70% dark green gray (chlorite rich) matrix and 30% mm to cm scale angular fragments. Almost identical to gouge at 146.18 m									

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Oriented Point Structure

Depth	Structure	Alpha Angle	Beta Angle	Strike	Dip	Comment
5.5	Fol	65				
15.2	Fol	55				
17.5	Fol	28				wk shear?
19.7	Fol	50				subtle
29.6	Fol	60				
46.9	Bed	55				
48	Bed	50				
49.5	Bed	55				
50.8	Bed	57				
53.25	Bed	60	275			
56.2	Bed	57	270			
60.4	Fol	55				
60.5	Uc	50				upper contact of vein associated alteration zone. concordant to foliation/ bedding
79.7	Fol	40				subtle
80.25	VL	35				2mm wide py bearing qtz cb veinlet
84.1	Fol	50				
87.6	Fol	50				
91.8	Fol	60				
97.93	Vqtz	50	40			fractured upper contact of 8 cm wide weakly py mineralized bull qtz vein
100.6	Fol	55	295			
109.9	Vqtz	25				altered with coarse py mineralization
110.05	G	40				approx lower contact of gouge
112.8	VL	15	210			weakly py mineralized altered qtz cb veinlet. 5mm wide
112.85	Fol	50	270			
131.1	Vqtz	17	35			approx upper contact of main mineralized vein
138.9	VL	45	340			cpy bearing carb veinlet
142.9	Fol	50	290			subtle
146.18	G	25				upper contact of gouge
148.3	G	35				lower contact of gouge

Project: Doc Project **Hole Number:** DC-20-06

Geotech

From	To	Recovery	Recovery %	Comments
1.5	2	1	200	
2	5	2.76	92	
5	8	2.86	95.33	
8	11	2.65	88.33	
11	14	3.2	106.67	
14	17	2.83	94.33	
17	20	2.81	93.67	
20	23	2.89	96.33	
23	26	3.3	110	
26	29	3	100	
29	32	3.01	100.33	
32	35	92	3066.67	
35	38	2.96	98.67	
38	41	3.28	109.33	
41	44	2.83	94.33	
44	47	3.09	103	
47	50	2.85	95	
50	53	3.05	101.67	
53	56	3.08	102.67	
56	59	3.06	102	
59	62	3.15	105	
62	65	2.05	68.33	
65	68	2.3	76.67	
68	71	2.95	98.33	
71	74	2.9	96.67	
74	77	2.92	97.33	
77	80	3.25	108.33	
80	83	2.91	97	
83	86	2.86	95.33	
86	89	3	100	

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89	92	2.95	98.33
92	95	3.11	103.67
95	98	3.25	108.33
98	101	3.17	105.67
101	104	3.03	101
104	107	3.03	101
107	110	2.91	97
110	113	3.01	100.33
113	116	3.02	100.67
116	119	3.05	101.67
119	122	3.08	102.67
122	125	3.3	110
125	128	2.2	73.33
128	131	3.2	106.67
131	134	3.18	106
134	137	2.86	95.33
137	140	3.03	101
140	143	3	100
143	146	2.85	95
146	149	3.3	110

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

CERTIFICATE YW20190113

Project: DOC Project

P.O. No.: DOC Project

This report is for 85 Drill Core samples submitted to our lab in Terrace, BC, Canada on 20-AUG-2020.

The following have access to data associated with this certificate:

TYLER FIOLLEAU	DEBORAH HOLMES	RAY MARKS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
29026		2.70	0.4	1.92	3	<10	60	<0.5	<2	4.37	0.6	9	49	93	3.56	10
29027		3.53	1.2	1.68	<2	<10	80	<0.5	<2	1.65	<0.5	15	31	138	3.68	10
29028		1.81	0.5	2.81	2	<10	50	<0.5	<2	4.28	0.7	28	36	223	6.27	10
29029		1.59	1.4	2.23	3	<10	420	<0.5	<2	1.61	1.5	32	22	43	6.25	10
29030		1.66	0.2	2.44	<2	<10	50	<0.5	2	2.89	0.9	24	27	108	5.13	10
29031		2.58	1.4	1.96	<2	<10	90	<0.5	<2	3.96	<0.5	26	19	149	6.07	10
29032		2.38	1.8	1.98	2	<10	180	0.6	<2	1.81	2.4	30	18	98	6.58	10
29033		2.02	0.2	2.64	<2	<10	60	<0.5	<2	4.42	1.1	29	23	116	6.83	10
29034		0.87	<0.2	0.37	10	<10	10	<0.5	<2	9.7	<0.5	4	8	19	2.08	<10
29035		1.05	0.2	0.35	10	<10	10	<0.5	<2	10.4	<0.5	5	9	18	2.13	<10
29036		1.99	0.6	0.12	12	<10	110	<0.5	<2	15.2	1.3	2	2	41	1.37	<10
29037		2.30	6.6	0.21	8	<10	110	<0.5	2	9.4	5.2	2	4	230	2.60	<10
29038		0.82	8.9	0.83	56	<10	430	<0.5	8	1.28	1.3	7	12	368	7.88	<10
29039		1.33	0.9	1.02	4	<10	320	<0.5	<2	2.29	0.5	4	12	34	10.05	<10
29040		4.13	1.0	0.61	3	<10	100	<0.5	<2	4.80	0.5	6	11	12	7.69	<10
29041		2.77	0.7	1.62	3	<10	160	<0.5	<2	2.86	1.1	7	18	33	8.64	<10
29042		1.13	4.0	0.46	8	<10	130	<0.5	3	0.61	0.7	8	8	69	3.36	<10
29043		4.14	1.3	1.27	6	<10	170	<0.5	2	2.33	0.5	6	18	61	6.95	<10
29044		1.61	6.4	0.37	7	<10	150	<0.5	3	0.76	1.4	4	8	497	3.77	<10
29045		1.26	3.0	0.32	8	<10	180	<0.5	<2	0.56	1.2	7	8	135	2.76	<10
29046		0.42	2.9	0.60	6	<10	170	<0.5	<2	0.20	0.9	7	10	145	2.73	<10
29047		2.37	1.2	0.25	15	<10	110	<0.5	<2	0.91	1.4	7	6	70	2.37	<10
29048		1.54	2.4	0.45	9	<10	320	<0.5	<2	0.59	1.5	10	8	60	3.34	<10
29049		1.94	0.3	0.70	2	<10	60	<0.5	<2	1.87	0.6	8	10	27	2.91	<10
29050		1.26	3.3	1.33	<2	<10	30	<0.5	<2	2.55	<0.5	7	21	2180	2.98	10
35801		0.82	2.5	2.01	2	<10	220	<0.5	<2	0.17	0.9	29	20	291	5.83	10
35802		2.14	0.9	1.16	2	<10	220	<0.5	<2	1.79	3.1	28	15	464	5.88	<10
35803		1.38	1.8	0.63	2	<10	430	<0.5	<2	0.11	1.6	34	7	380	5.66	<10
35804		1.68	8.6	0.38	3	<10	90	<0.5	<2	0.06	<0.5	13	5	311	5.76	<10
35805		1.78	11.6	0.38	8	<10	610	<0.5	11	0.32	0.5	16	6	483	9.13	<10
35806		1.68	96.5	0.90	5	<10	720	0.5	<2	4.66	4.9	26	42	1300	5.76	<10
35807		0.95	1.7	1.37	3	<10	330	0.5	<2	2.17	1.0	26	7	173	5.87	10
35808		2.67	0.2	1.57	6	<10	50	<0.5	<2	1.05	<0.5	9	23	25	3.79	<10
35809		1.59	1.6	1.61	4	<10	250	<0.5	<2	4.12	0.7	15	67	66	4.04	10
35810		3.58	0.4	2.06	5	<10	40	<0.5	<2	1.65	<0.5	13	52	41	4.14	10
35811		2.76	0.2	1.53	4	<10	70	<0.5	<2	0.18	<0.5	9	36	33	3.28	10
35812		2.58	0.3	1.64	3	<10	60	<0.5	<2	0.21	<0.5	8	34	24	3.61	10
35813		2.58	0.3	1.63	2	<10	70	<0.5	<2	0.22	<0.5	9	38	30	3.58	10
35814		2.76	0.2	1.83	5	<10	100	<0.5	<2	1.24	<0.5	11	53	24	3.42	10
35815		2.04	0.2	0.96	4	<10	100	<0.5	<2	5.59	<0.5	9	34	39	1.79	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
29026		<1	0.12	10	1.28	607	1	0.02	67	620	4	0.01	<2	6	29	<20
29027		<1	0.22	<10	1.20	579	1	0.06	22	600	3	0.07	2	7	16	<20
29028		<1	0.16	<10	2.64	1805	<1	0.03	15	560	4	0.01	<2	18	81	<20
29029		1	0.12	10	2.34	1940	1	0.03	20	590	12	0.07	<2	16	29	<20
29030		<1	0.12	<10	2.36	1375	<1	0.04	16	610	3	0.01	<2	19	42	<20
29031		<1	0.73	<10	2.11	1765	<1	0.02	10	620	7	0.44	<2	16	120	<20
29032		<1	0.94	10	2.24	1870	1	0.02	15	650	33	0.02	<2	25	44	<20
29033		<1	0.26	<10	2.59	1590	<1	0.02	15	660	3	0.02	<2	21	57	<20
29034		<1	0.09	<10	0.35	931	1	<0.01	59	610	8	0.89	<2	1	86	<20
29035		<1	0.08	<10	0.32	973	1	<0.01	65	640	8	0.97	2	1	89	<20
29036		<1	0.05	<10	0.11	2050	1	<0.01	26	330	19	0.22	<2	2	94	<20
29037		<1	0.06	<10	0.13	3200	2	<0.01	22	420	242	0.39	3	2	107	<20
29038		<1	0.15	10	0.32	6150	4	<0.01	44	580	98	0.36	<2	2	36	<20
29039		<1	0.26	<10	0.42	14850	5	<0.01	33	400	13	0.12	<2	3	73	<20
29040		<1	0.25	<10	1.09	13000	3	<0.01	34	320	9	1.00	<2	3	121	<20
29041		<1	0.37	<10	1.14	10500	1	<0.01	41	410	21	1.02	<2	4	69	<20
29042		<1	0.12	<10	0.24	1280	4	<0.01	37	80	52	1.16	2	2	16	<20
29043		<1	0.39	<10	0.92	5800	2	<0.01	41	450	24	1.20	<2	3	51	<20
29044		<1	0.11	<10	0.19	2850	3	<0.01	31	570	86	0.66	3	2	26	<20
29045		<1	0.13	<10	0.10	1530	2	<0.01	36	620	29	0.06	2	2	13	<20
29046		<1	0.13	10	0.30	1590	2	<0.01	34	480	11	0.01	<2	2	11	<20
29047		<1	0.14	10	0.06	1010	3	<0.01	41	550	27	0.03	2	1	9	<20
29048		<1	0.26	<10	0.17	1670	2	<0.01	47	920	27	0.39	3	2	23	<20
29049		<1	0.32	<10	0.96	760	1	<0.01	26	850	5	0.64	<2	2	79	<20
29050		<1	0.04	<10	0.94	606	<1	0.01	16	410	<2	0.27	<2	6	22	<20
35801		<1	0.28	<10	1.47	1665	3	0.01	14	630	639	0.02	<2	9	10	<20
35802		<1	0.18	10	0.72	2490	1	0.01	16	630	26	0.01	<2	5	11	<20
35803		<1	0.25	<10	0.07	4350	5	0.01	13	460	28	<0.01	<2	4	8	<20
35804		<1	0.22	<10	0.11	405	19	<0.01	9	310	73	0.03	<2	2	4	<20
35805		<1	0.15	10	0.06	1010	28	<0.01	28	440	250	0.26	<2	3	9	<20
35806		<1	0.44	10	0.49	1800	6	0.02	111	1280	1845	0.36	4	8	30	<20
35807		<1	0.94	10	0.99	1325	1	0.03	9	2000	16	0.18	<2	10	30	<20
35808		<1	0.13	10	1.08	381	1	0.01	63	960	6	0.15	3	2	13	<20
35809		1	0.23	<10	1.49	1050	1	0.02	91	790	44	0.87	<2	8	66	<20
35810		<1	0.10	10	1.64	442	1	0.02	98	540	16	0.44	<2	4	24	<20
35811		<1	0.10	10	1.14	191	1	0.02	88	370	6	0.28	<2	3	5	<20
35812		<1	0.21	<10	1.27	205	1	0.03	72	300	6	0.19	<2	6	4	<20
35813		1	0.12	<10	1.25	224	1	0.02	77	290	5	0.13	<2	6	4	<20
35814		<1	0.39	<10	1.34	305	1	0.03	81	1170	4	0.14	<2	6	11	<20
35815		<1	0.04	<10	0.54	757	1	0.04	77	1120	4	0.02	<2	3	47	<20

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23	Au-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.005	0.05
29026		0.04	<10	<10	56	<10	102	0.006	
29027		0.18	<10	<10	105	<10	67	<0.005	
29028		0.06	<10	<10	183	<10	139	0.006	
29029		0.02	<10	<10	124	<10	154	0.528	
29030		0.08	<10	<10	180	<10	121	<0.005	
29031		0.06	<10	<10	141	<10	101	0.256	
29032		0.10	<10	<10	163	<10	174	0.376	
29033		0.06	<10	<10	228	<10	147	0.007	
29034		<0.01	<10	<10	10	<10	15	<0.005	
29035		<0.01	<10	<10	10	<10	11	<0.005	
29036		<0.01	<10	<10	5	10	28	0.005	
29037		0.01	<10	<10	7	140	147	0.133	
29038		0.03	<10	<10	41	230	76	0.260	
29039		0.05	<10	<10	25	40	62	0.051	
29040		0.03	<10	<10	14	20	39	0.080	
29041		0.09	10	<10	37	<10	102	0.078	
29042		0.01	<10	<10	12	210	36	0.328	
29043		0.06	<10	<10	27	120	69	0.109	
29044		0.01	<10	<10	16	2220	80	0.277	
29045		0.01	<10	<10	24	100	81	0.150	
29046		0.04	<10	<10	26	40	73	0.024	
29047		0.01	<10	<10	18	10	70	0.049	
29048		0.02	<10	<10	22	100	97	0.305	
29049		0.06	<10	<10	19	<10	82	0.064	
29050		0.09	<10	<10	63	<10	55	0.011	
35801		0.03	<10	<10	86	10	174	0.257	
35802		0.01	<10	<10	69	20	223	0.027	
35803		0.01	<10	<10	39	10	79	0.258	
35804		<0.01	<10	<10	16	90	34	2.36	
35805		<0.01	<10	<10	31	320	35	3.95	
35806		0.04	<10	<10	63	<10	381	4.36	
35807		0.14	<10	<10	78	<10	118	0.530	
35808		0.01	<10	<10	38	<10	62	0.006	
35809		0.05	<10	<10	75	<10	93	0.063	
35810		0.01	<10	<10	55	<10	65	0.008	
35811		0.01	<10	<10	48	<10	43	<0.005	
35812		0.15	<10	<10	83	<10	46	<0.005	
35813		0.14	<10	<10	81	<10	46	0.006	
35814		0.17	<10	<10	71	<10	50	<0.005	
35815		0.15	<10	<10	34	<10	32	<0.005	

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
35816		2.95	0.3	1.24	3	<10	70	<0.5	<2	1.86	<0.5	16	57	52	2.35	<10
35817		3.45	0.3	1.96	<2	<10	80	<0.5	<2	0.60	<0.5	10	27	28	3.96	10
35818		1.65	0.3	1.80	2	<10	60	<0.5	<2	0.14	<0.5	8	31	38	3.90	10
35819		2.31	<0.2	1.91	5	<10	80	<0.5	<2	0.81	<0.5	9	19	26	3.95	10
35820		2.69	0.2	1.93	4	<10	70	<0.5	<2	0.20	0.6	9	40	27	3.89	10
35821		2.86	0.2	1.45	2	<10	50	<0.5	<2	0.10	<0.5	10	35	45	3.60	<10
35822		2.01	0.2	1.40	2	<10	70	<0.5	<2	0.10	<0.5	8	37	30	2.81	<10
35823		3.15	<0.2	1.44	2	<10	40	<0.5	<2	0.06	<0.5	7	40	19	2.72	<10
35824		0.71	0.2	1.82	4	<10	40	<0.5	<2	0.06	<0.5	10	42	45	3.57	<10
35825		2.22	0.2	1.63	<2	<10	40	<0.5	<2	0.05	<0.5	8	42	24	3.12	10
37301		2.21	<0.2	1.28	<2	<10	270	<0.5	<2	1.92	<0.5	10	16	72	2.74	10
37302		3.12	0.5	1.64	25	<10	130	<0.5	<2	2.07	0.6	23	5	62	4.86	<10
37303		2.47	0.8	1.67	26	<10	130	<0.5	2	2.41	0.7	31	5	66	5.39	<10
37304		0.61	0.4	2.36	<2	<10	100	<0.5	2	3.00	0.5	18	10	111	5.29	10
37305		0.80	0.4	2.40	<2	<10	110	<0.5	3	3.21	<0.5	19	9	136	5.32	10
37306		1.88	0.3	1.88	2	<10	170	<0.5	<2	3.67	<0.5	16	8	113	5.56	10
37307		2.23	0.3	0.51	4	<10	30	<0.5	<2	10.8	1.4	7	15	60	1.92	<10
37308		1.99	<0.2	1.50	<2	<10	300	<0.5	<2	0.49	<0.5	14	7	78	3.60	10
37309		2.79	<0.2	1.31	2	<10	190	<0.5	<2	1.12	<0.5	15	7	111	3.54	<10
37310		3.95	<0.2	1.47	3	<10	260	<0.5	<2	1.15	<0.5	13	4	68	3.51	10
37311		3.79	0.2	1.38	<2	<10	50	<0.5	2	0.99	<0.5	14	6	100	3.49	10
37312		3.28	0.2	1.34	<2	<10	70	<0.5	<2	0.55	<0.5	14	4	110	3.39	10
37313		2.57	<0.2	1.26	2	<10	70	<0.5	<2	0.65	<0.5	14	5	104	3.23	10
37314		4.28	<0.2	1.68	2	<10	300	<0.5	<2	0.71	<0.5	15	6	98	3.93	10
37315		3.43	<0.2	1.39	<2	<10	270	<0.5	<2	1.45	<0.5	13	3	86	3.25	10
37316		2.18	<0.2	1.43	2	<10	240	<0.5	2	0.86	<0.5	14	16	74	3.33	10
37317		2.53	0.2	1.46	2	<10	110	<0.5	<2	0.62	<0.5	13	17	81	3.67	10
37318		0.80	0.3	1.28	3	<10	190	<0.5	2	4.42	0.8	10	6	67	5.98	<10
37319		2.05	<0.2	1.41	2	<10	50	<0.5	2	1.72	<0.5	13	4	102	3.53	10
37320		3.76	<0.2	1.62	<2	<10	40	<0.5	<2	1.69	<0.5	16	5	101	4.14	10
37321		0.80	0.6	1.75	2	<10	90	<0.5	2	4.62	1.0	14	4	187	5.59	10
37322		1.23	0.2	1.92	<2	<10	60	<0.5	<2	1.89	<0.5	18	6	108	5.01	10
37323		1.17	0.2	1.91	<2	<10	60	<0.5	<2	2.01	<0.5	17	6	106	5.00	10
37324		2.01	<0.2	0.82	<2	<10	50	<0.5	<2	5.41	0.7	14	47	10	3.99	<10
37325		1.81	1.2	0.31	2	<10	200	<0.5	<2	1.49	1.6	20	3	35	3.83	<10
37326		1.72	0.8	0.43	<2	<10	170	<0.5	<2	2.43	1.3	15	5	63	3.48	<10
37327		2.54	0.2	0.67	<2	<10	80	<0.5	<2	3.07	0.7	16	4	96	3.78	<10
37328		1.69	0.8	0.50	2	<10	230	<0.5	<2	2.92	2.0	19	6	106	4.20	<10
37329		3.85	0.8	0.32	<2	<10	50	<0.5	<2	3.32	0.9	16	3	53	3.20	<10
37330		3.43	0.9	0.31	<2	<10	130	0.5	<2	3.42	1.2	15	3	8	2.81	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
35816		<1	0.09	<10	0.90	344	1	0.06	107	1240	3	0.17	<2	3	17	<20
35817		1	0.32	<10	1.48	267	1	0.03	55	570	5	0.01	<2	7	6	<20
35818		1	0.10	<10	1.34	223	1	0.02	54	470	3	<0.01	<2	4	3	<20
35819		1	0.13	10	1.32	784	1	0.01	84	1360	7	<0.01	<2	3	9	<20
35820		<1	0.10	<10	1.42	238	1	0.02	66	770	15	0.02	<2	3	5	<20
35821		1	0.08	<10	1.00	171	2	0.02	91	370	6	0.47	<2	2	4	<20
35822		<1	0.10	10	0.96	195	1	0.02	65	210	20	0.03	<2	2	3	<20
35823		<1	0.11	10	0.94	182	<1	0.02	45	210	19	0.02	<2	2	2	<20
35824		<1	0.14	10	1.19	210	1	0.01	61	180	40	0.01	<2	2	3	<20
35825		1	0.13	10	1.10	203	1	0.01	52	110	8	<0.01	<2	2	3	<20
37301		1	0.37	<10	0.79	692	<1	0.04	17	580	<2	0.29	<2	5	11	<20
37302		<1	0.18	10	0.66	1150	<1	0.02	9	970	5	0.21	<2	8	42	<20
37303		<1	0.17	10	1.01	1640	1	0.02	8	1260	5	0.15	<2	6	61	<20
37304		1	0.18	10	1.38	1380	<1	0.02	7	1110	4	0.04	<2	7	92	<20
37305		1	0.17	10	1.39	1405	<1	0.02	7	1210	4	0.04	<2	7	90	<20
37306		<1	0.09	10	1.52	1305	1	0.03	7	2060	15	0.15	<2	9	76	<20
37307		<1	0.03	<10	0.35	688	1	0.02	15	450	15	0.24	<2	4	40	<20
37308		1	0.81	<10	0.96	377	<1	0.05	6	760	<2	0.11	<2	4	4	<20
37309		1	0.48	<10	0.76	479	2	0.05	7	770	3	0.52	<2	6	8	<20
37310		<1	0.71	<10	0.90	502	<1	0.05	4	840	2	0.09	<2	5	7	<20
37311		<1	0.19	<10	0.91	508	<1	0.05	6	770	<2	0.03	<2	5	8	<20
37312		<1	0.32	<10	0.89	416	<1	0.06	5	790	2	0.02	<2	5	6	<20
37313		<1	0.23	<10	0.83	439	<1	0.06	4	750	2	0.01	<2	5	13	<20
37314		<1	0.78	<10	1.06	494	<1	0.05	6	790	<2	0.02	<2	5	7	<20
37315		<1	0.47	<10	0.85	557	<1	0.06	3	930	2	0.03	2	6	11	<20
37316		<1	0.54	<10	0.94	496	<1	0.05	9	920	2	0.02	<2	5	7	<20
37317		1	0.31	<10	1.01	505	<1	0.05	10	840	2	0.02	<2	8	7	<20
37318		<1	0.33	10	0.62	5360	2	0.01	11	600	5	0.02	<2	11	23	<20
37319		1	0.22	<10	0.98	718	<1	0.05	5	790	3	0.04	<2	9	15	<20
37320		1	0.14	<10	1.27	670	<1	0.05	5	820	2	0.03	<2	9	16	<20
37321		1	0.29	<10	1.09	2200	1	0.02	8	730	7	0.04	<2	14	25	<20
37322		1	0.29	<10	1.45	721	<1	0.04	5	800	3	0.02	<2	15	16	<20
37323		<1	0.31	<10	1.44	739	<1	0.04	6	790	3	0.02	<2	15	18	<20
37324		1	0.21	<10	2.35	1995	1	0.01	77	730	4	0.25	<2	6	188	<20
37325		<1	0.24	<10	0.10	1845	2	0.01	7	690	5	0.48	<2	4	24	<20
37326		1	0.27	<10	0.17	1475	1	0.01	13	670	3	0.33	<2	3	23	<20
37327		<1	0.36	<10	0.62	1015	1	0.01	6	650	3	0.17	<2	4	51	<20
37328		<1	0.35	<10	0.64	2300	2	<0.01	15	910	6	0.67	<2	8	80	<20
37329		<1	0.29	<10	1.07	1580	1	<0.01	9	560	5	1.36	<2	3	153	<20
37330		<1	0.28	<10	1.21	2120	1	<0.01	7	1100	5	1.53	<2	3	173	<20

***** See Appendix Page for comments regarding this certificate *****

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North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23	Au-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.005	0.05
35816		0.20	<10	<10	49	<10	36	<0.005	
35817		0.15	<10	<10	97	<10	69	0.006	
35818		0.01	<10	<10	77	<10	60	0.005	
35819		0.01	<10	<10	37	<10	63	0.006	
35820		0.01	<10	<10	63	<10	83	0.011	
35821		<0.01	<10	<10	53	<10	55	<0.005	
35822		<0.01	<10	<10	30	<10	45	0.009	
35823		0.01	<10	<10	27	10	51	0.005	
35824		0.01	<10	<10	37	<10	67	0.011	
35825		0.01	<10	<10	33	<10	58	0.006	
37301		0.17	<10	<10	75	<10	80	<0.005	
37302		<0.01	<10	<10	31	<10	97	0.032	
37303		0.01	<10	<10	47	<10	67	0.046	
37304		0.06	<10	<10	78	<10	93	0.026	
37305		0.06	<10	<10	80	<10	89	0.008	
37306		0.01	<10	<10	73	<10	108	<0.005	
37307		0.05	<10	<10	37	<10	128	0.011	
37308		0.24	<10	<10	132	<10	58	<0.005	
37309		0.23	<10	<10	107	<10	60	<0.005	
37310		0.25	<10	<10	118	<10	69	<0.005	
37311		0.16	<10	<10	120	<10	63	<0.005	
37312		0.14	<10	<10	113	<10	56	0.005	
37313		0.17	<10	<10	112	<10	60	<0.005	
37314		0.28	<10	<10	148	<10	74	<0.005	
37315		0.25	<10	<10	107	<10	68	<0.005	
37316		0.24	<10	<10	110	<10	66	<0.005	
37317		0.18	<10	<10	116	<10	63	<0.005	
37318		0.07	<10	<10	70	<10	74	0.054	
37319		0.15	<10	<10	113	<10	58	<0.005	
37320		0.18	<10	<10	134	<10	71	<0.005	
37321		0.10	<10	<10	125	<10	97	0.013	
37322		0.16	<10	<10	176	<10	80	<0.005	
37323		0.18	<10	<10	177	<10	79	<0.005	
37324		0.01	<10	<10	16	<10	65	0.021	
37325		<0.01	<10	<10	16	<10	61	0.415	
37326		0.02	<10	<10	17	<10	62	0.213	
37327		0.05	<10	<10	25	<10	70	0.010	
37328		0.02	<10	<10	26	<10	91	0.247	
37329		0.01	<10	<10	10	<10	54	0.209	
37330		<0.01	<10	<10	8	10	59	0.273	

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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
37331		2.23	0.6	0.25	2	<10	70	<0.5	<2	3.12	1.1	15	2	10	2.97	<10
37332		2.39	2.9	0.25	<2	<10	400	0.5	<2	1.63	2.8	20	7	16	3.70	<10
37333		1.72	63.5	0.11	3	<10	580	<0.5	3	0.09	1.9	7	7	266	2.64	<10
37334		2.73	1.3	0.32	<2	<10	350	<0.5	<2	0.83	1.5	10	12	38	2.48	<10
37335		4.18	0.6	0.42	2	<10	320	<0.5	<2	1.55	0.6	8	8	35	2.27	<10

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CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
37331		1	0.23	<10	0.97	1545	1	<0.01	6	630	4	1.50	<2	3	123	<20
37332		<1	0.20	10	0.07	1965	6	<0.01	50	850	67	0.15	<2	4	21	<20
37333		<1	0.06	10	0.02	496	16	<0.01	9	350	1590	0.22	<2	2	21	<20
37334		<1	0.19	<10	0.37	941	1	0.01	20	390	19	0.55	<2	3	44	<20
37335		<1	0.24	<10	0.59	766	1	0.01	16	400	8	0.54	<2	2	70	<20

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Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23	Au-GRA21
	Analyte	Ti	Tl	U	V	W	Zn	Au	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.005	0.05
37331		<0.01	<10	<10	7	<10	48	0.177	
37332		<0.01	<10	<10	8	<10	97	0.839	
37333		<0.01	<10	<10	23	<10	106	>10.0	16.55
37334		0.02	<10	<10	16	<10	80	0.282	
37335		0.03	<10	<10	16	<10	57	0.137	

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ABBOTSFORD BC V3G 3E1

Finalized Date: 22-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20190113

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Yellowknife located at # 8 – 3 Coronation Drive, X1A 0G5, Yellowknife, NT, Canada.

Applies to Method:				
	BAG-01	CRU-31	CRU-QC	LOG-21
	PUL-32m	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
	Au-AA23	Au-GRA21	ME-ICP41

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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
This copy reported on 5-OCT-2020
Account: HAGOCO

CERTIFICATE YW20192720

Project: DOC Project

P.O. No.: DOC Project

This report is for 82 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

TYLER FIOLLEAU	DEBORAH HOLMES	RAY MARKS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

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ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
A0862501		1.13	0.056		1.3	1.15	27	20	510	<0.5	<2	2.22	1.3	18	4	230
A0862502		2.08	<0.005		0.2	1.33	<2	<10	80	<0.5	<2	3.06	0.5	16	6	81
A0862503		2.38	0.010		0.3	0.83	6	<10	100	<0.5	<2	3.60	0.7	15	4	66
A0862504		2.13	0.025		0.6	0.94	20	<10	80	<0.5	<2	3.91	0.8	16	5	120
A0862505		2.35	<0.005		0.2	1.90	3	<10	20	<0.5	<2	2.81	<0.5	20	9	112
A0862506		2.46	<0.005		<0.2	2.11	<2	<10	60	<0.5	<2	3.51	0.5	21	9	112
A0862507		2.46	<0.005		<0.2	2.47	<2	<10	30	<0.5	<2	3.04	<0.5	22	10	128
A0862508		0.89	0.021		0.5	1.41	<2	<10	60	<0.5	<2	4.57	0.7	18	8	134
A0862509		1.94	0.129		0.4	1.64	<2	<10	140	<0.5	<2	2.79	1.3	19	10	110
A0862510		1.14	0.005		0.3	1.59	<2	<10	80	<0.5	<2	3.05	0.5	20	7	135
A0862511		1.90	0.062		0.3	1.70	<2	<10	570	<0.5	<2	2.68	0.8	20	9	96
A0862512		2.47	0.037		0.4	1.68	<2	<10	180	<0.5	<2	2.37	0.6	21	12	129
A0862513		0.94	0.198		0.6	2.16	<2	<10	100	<0.5	2	4.98	1.0	23	10	162
A0862514		2.41	<0.005		0.3	1.72	<2	<10	60	<0.5	<2	3.55	0.7	17	6	132
A0862515		1.31	0.203		2.0	1.03	2	<10	160	<0.5	<2	2.06	2.0	26	6	263
A0862516		1.66	0.495		2.1	0.30	<2	<10	40	<0.5	<2	0.81	<0.5	4	12	67
A0862517		1.73	0.101		1.2	1.30	14	<10	150	<0.5	<2	4.25	1.3	14	3	146
A0862518		1.14	<0.005		<0.2	1.82	<2	<10	60	<0.5	<2	2.90	<0.5	11	8	64
A0862519		1.86	0.005		0.7	2.90	2	<10	50	<0.5	2	3.54	<0.5	24	21	220
A0862520		1.31	0.012		0.4	0.69	7	<10	2490	<0.5	<2	12.1	6.3	17	3	7
A0862521		0.97	0.005		0.3	2.29	<2	<10	90	<0.5	<2	3.62	0.9	21	12	38
A0862522		3.57	<0.005		0.2	2.47	<2	<10	230	<0.5	<2	2.23	0.7	19	12	101
A0862523		2.42	<0.005		<0.2	2.71	<2	<10	190	<0.5	<2	3.54	<0.5	18	11	59
A0862524		1.45	<0.005		0.2	2.73	<2	<10	210	<0.5	<2	2.65	0.6	19	18	76
A0862525		0.91	<0.005		0.5	2.16	<2	<10	40	<0.5	<2	6.80	7.1	13	9	68
A0862526		3.05	<0.005		0.2	2.92	<2	<10	30	<0.5	<2	3.11	0.6	21	21	51
A0862527		3.46	<0.005		<0.2	2.50	2	<10	80	<0.5	<2	3.16	<0.5	21	13	115
A0862528		0.68	<0.005		<0.2	1.81	<2	<10	50	<0.5	<2	1.51	<0.5	17	14	86
A0862529		0.82	<0.005		<0.2	2.40	<2	<10	330	<0.5	<2	1.79	<0.5	19	16	130
A0862530		0.68	<0.005		<0.2	2.42	<2	<10	380	<0.5	<2	1.61	<0.5	20	14	77
A0862531		2.71	<0.005		<0.2	1.87	<2	<10	30	<0.5	<2	2.05	<0.5	11	10	61
A0862532		2.56	<0.005		<0.2	2.06	2	<10	150	<0.5	<2	1.40	<0.5	23	11	126
A0862533		0.93	<0.005		<0.2	2.27	<2	<10	10	<0.5	<2	2.93	<0.5	20	11	180
A0862534		0.98	0.005		0.3	2.36	<2	<10	50	<0.5	<2	1.50	<0.5	23	13	376
A0862535		2.33	<0.005		0.2	2.82	<2	<10	40	<0.5	<2	2.25	0.5	23	21	120
A0862536		1.78	<0.005		<0.2	2.51	2	<10	20	<0.5	<2	2.41	<0.5	22	17	91
A0862537		0.99	<0.005		0.2	2.77	2	<10	20	<0.5	<2	2.35	<0.5	22	19	94
A0862538		0.72	<0.005		0.2	2.94	<2	<10	40	<0.5	<2	3.37	<0.5	22	16	71
A0862539		1.56	<0.005		0.2	1.36	<2	<10	80	<0.5	<2	3.77	0.8	14	8	12
A0862540		1.44	<0.005		<0.2	3.08	<2	<10	40	<0.5	2	4.72	<0.5	23	24	3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
A0862501		10.70	<10	<1	0.45	<10	0.56	6390	3	0.01	9	630	7	0.05	2	8
A0862502		4.90	<10	<1	0.22	<10	1.09	1235	1	0.02	7	930	4	0.02	4	6
A0862503		4.26	<10	<1	0.25	<10	0.70	1230	1	0.02	5	780	4	0.06	5	5
A0862504		4.56	<10	<1	0.21	<10	1.34	1235	1	0.01	8	670	5	0.26	7	6
A0862505		5.66	10	<1	0.08	<10	1.89	1060	1	0.02	9	750	5	0.06	<2	11
A0862506		6.19	10	<1	0.09	<10	1.49	1325	1	0.02	9	820	3	0.04	3	12
A0862507		5.96	10	<1	0.05	<10	2.23	1240	<1	0.03	8	650	5	0.06	<2	16
A0862508		5.86	10	<1	0.22	<10	1.16	1745	1	0.02	9	620	4	0.03	<2	13
A0862509		5.42	10	<1	0.11	<10	1.58	1105	<1	0.03	10	720	17	0.34	<2	11
A0862510		5.87	<10	<1	0.13	<10	1.16	1650	1	0.02	7	800	6	0.02	<2	8
A0862511		5.42	10	<1	0.24	<10	1.74	1320	<1	0.03	10	750	14	0.44	<2	15
A0862512		5.43	10	<1	0.40	<10	1.41	1465	1	0.02	10	800	16	0.26	<2	10
A0862513		5.81	10	<1	0.97	<10	1.68	1730	<1	0.01	9	620	21	1.29	<2	16
A0862514		5.09	10	<1	0.16	10	1.21	1025	<1	0.02	7	1050	14	0.10	<2	7
A0862515		5.46	<10	<1	0.30	<10	0.63	1795	2	<0.01	9	1150	71	0.57	<2	7
A0862516		1.20	<10	<1	0.08	<10	0.15	480	1	<0.01	1	180	35	0.18	<2	1
A0862517		3.79	<10	<1	0.21	<10	0.68	1630	<1	0.01	4	860	8	1.03	<2	5
A0862518		4.15	10	<1	0.14	<10	1.06	961	<1	0.02	5	730	3	0.05	2	7
A0862519		6.82	10	<1	0.10	<10	1.83	1160	<1	0.02	13	960	5	0.43	<2	10
A0862520		11.15	<10	<1	0.12	<10	0.41	6030	8	0.01	10	490	194	0.09	<2	8
A0862521		5.51	10	<1	0.17	<10	1.30	1060	<1	0.01	11	1280	29	0.10	<2	7
A0862522		5.70	10	<1	0.22	<10	1.50	1000	<1	0.02	8	1230	35	0.08	<2	9
A0862523		6.08	10	<1	0.36	<10	1.77	1545	<1	0.02	7	1320	6	0.03	<2	9
A0862524		5.97	10	<1	0.51	10	1.82	1085	<1	0.03	10	900	17	0.05	<2	13
A0862525		4.76	10	<1	0.12	10	1.30	1695	<1	0.02	7	710	700	0.04	<2	9
A0862526		6.30	10	<1	0.10	10	2.11	1020	<1	0.03	11	970	24	0.03	<2	12
A0862527		5.66	10	<1	0.23	<10	1.82	931	<1	0.04	9	1010	3	0.02	<2	10
A0862528		4.54	10	<1	0.34	<10	1.40	594	<1	0.04	8	1090	<2	0.19	<2	7
A0862529		5.22	10	<1	0.66	<10	1.46	744	<1	0.06	9	1180	2	0.01	<2	14
A0862530		5.44	10	<1	0.74	<10	1.57	788	<1	0.04	9	1100	2	0.01	<2	13
A0862531		4.12	10	<1	0.10	<10	1.04	704	<1	0.03	5	730	4	0.03	<2	6
A0862532		5.09	10	<1	0.45	<10	1.49	576	1	0.05	8	1020	<2	0.36	<2	9
A0862533		5.17	10	<1	0.12	<10	1.56	821	1	0.04	7	1110	<2	0.15	<2	9
A0862534		6.08	10	<1	0.20	<10	1.54	671	2	0.05	10	960	<2	0.83	2	10
A0862535		6.21	10	<1	0.15	<10	1.98	944	<1	0.04	12	990	8	0.20	<2	14
A0862536		5.84	10	<1	0.15	<10	1.72	796	1	0.04	10	1000	<2	0.27	<2	11
A0862537		6.26	10	<1	0.08	<10	1.95	1000	1	0.04	13	780	3	0.17	<2	13
A0862538		6.42	10	<1	0.12	<10	1.99	1105	<1	0.02	13	570	<2	0.13	<2	8
A0862539		4.80	<10	<1	0.21	<10	1.68	1830	<1	0.01	11	710	8	0.26	<2	5
A0862540		7.13	10	<1	0.12	<10	2.52	1350	1	0.02	39	1690	5	0.12	<2	9

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	20	0.01	10	10	1	10	2	1
A0862501		31	<20	0.07	<10	<10	82	10	143	
A0862502		54	<20	0.07	<10	<10	68	<10	91	
A0862503		53	<20	0.06	<10	<10	36	<10	75	
A0862504		116	<20	0.04	<10	<10	38	<10	95	
A0862505		59	<20	0.07	<10	<10	132	<10	104	
A0862506		35	<20	0.04	<10	<10	123	<10	112	
A0862507		41	<20	0.06	<10	<10	200	<10	104	
A0862508		53	<20	0.07	<10	<10	118	<10	98	
A0862509		69	<20	0.04	<10	<10	140	<10	117	
A0862510		23	<20	0.03	<10	<10	91	<10	116	
A0862511		81	<20	0.10	<10	<10	129	<10	123	
A0862512		31	<20	0.07	<10	<10	102	<10	102	
A0862513		111	<20	0.16	<10	<10	122	<10	99	
A0862514		292	<20	0.02	<10	<10	48	<10	95	
A0862515		75	<20	0.03	<10	<10	48	<10	90	
A0862516		27	<20	<0.01	<10	<10	3	<10	21	
A0862517		132	<20	<0.01	<10	<10	11	<10	71	
A0862518		128	<20	0.06	<10	<10	50	<10	96	
A0862519		145	<20	0.03	<10	<10	126	<10	139	
A0862520		112	<20	<0.01	<10	<10	30	<10	292	
A0862521		119	<20	0.01	<10	<10	71	<10	194	
A0862522		108	<20	0.14	<10	<10	99	<10	135	
A0862523		102	<20	0.13	<10	<10	105	<10	162	
A0862524		71	<20	0.10	<10	<10	111	<10	119	
A0862525		182	<20	0.01	<10	<10	56	<10	394	
A0862526		68	<20	0.02	<10	<10	133	<10	109	
A0862527		116	<20	0.24	<10	<10	160	<10	114	
A0862528		19	<20	0.19	<10	<10	138	<10	70	
A0862529		83	<20	0.30	<10	<10	162	<10	84	
A0862530		64	<20	0.32	<10	<10	159	<10	91	
A0862531		83	<20	0.15	<10	<10	64	<10	89	
A0862532		37	<20	0.21	<10	<10	159	<10	76	
A0862533		51	<20	0.15	<10	<10	150	<10	79	
A0862534		33	<20	0.18	<10	<10	162	<10	78	
A0862535		46	<20	0.26	<10	<10	172	<10	94	
A0862536		51	<20	0.21	<10	<10	164	<10	79	
A0862537		60	<20	0.14	<10	<10	166	<10	121	
A0862538		83	<20	0.01	<10	<10	118	<10	151	
A0862539		105	<20	<0.01	<10	<10	32	<10	118	
A0862540		105	<20	0.01	<10	<10	93	<10	214	

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
A0862541		3.54	0.013		0.4	1.46	<2	<10	80	<0.5	<2	3.59	0.5	19	7	127
A0862542		1.34	1.755		17.1	1.09	6	<10	190	<0.5	<2	0.41	1.4	21	8	152
A0862543		1.32	0.851		6.7	0.02	2	<10	<10	<0.5	<2	0.01	<0.5	1	15	41
A0862544		1.70	0.188		1.4	1.06	<2	<10	250	<0.5	<2	4.44	1.4	19	6	62
A0862545		3.17	0.007		0.3	1.40	<2	<10	90	<0.5	<2	4.04	0.5	22	9	80
A0862546		4.67	0.005		<0.2	2.32	<2	<10	90	<0.5	<2	3.50	<0.5	22	19	132
A0862547		1.09	<0.005		<0.2	1.74	<2	<10	30	<0.5	<2	3.26	<0.5	14	68	47
A0862548		3.67	<0.005		<0.2	2.07	2	<10	30	<0.5	<2	3.37	<0.5	17	48	100
A0862549		0.94	<0.005		0.3	2.08	<2	<10	50	<0.5	<2	7.16	0.9	17	7	152
A0862550		2.55	0.006		<0.2	2.08	2	<10	50	<0.5	2	1.60	<0.5	18	13	147
A0862551		3.76	0.017		0.3	2.19	2	<10	50	<0.5	2	1.84	<0.5	18	15	117
A0862552		1.33	<0.005		<0.2	2.03	2	<10	70	<0.5	<2	2.45	<0.5	17	16	117
A0862553		1.22	0.012		0.8	2.40	5	<10	90	<0.5	<2	4.07	5.3	25	10	87
A0862554		1.76	<0.005		0.3	3.04	<2	<10	220	<0.5	<2	2.41	0.5	24	16	136
A0862555		1.85	0.005		<0.2	2.07	<2	<10	40	<0.5	<2	2.11	<0.5	18	14	111
A0862556		1.95	<0.005		<0.2	2.09	<2	<10	20	<0.5	<2	1.92	<0.5	18	8	127
A0862557		1.32	<0.005		<0.2	2.31	<2	<10	40	<0.5	<2	3.41	<0.5	17	13	138
A0862558		1.18	0.005		<0.2	1.58	<2	<10	10	<0.5	<2	1.94	<0.5	16	9	116
A0862559		1.04	<0.005		<0.2	1.29	<2	<10	50	<0.5	<2	1.02	<0.5	13	10	109
A0862560		0.88	<0.005		<0.2	1.37	<2	<10	40	<0.5	<2	1.05	<0.5	14	11	99
A0862561		0.84	<0.005		<0.2	1.59	2	<10	10	<0.5	<2	1.65	<0.5	16	13	104
A0862562		3.09	<0.005		0.4	2.03	2	<10	20	<0.5	<2	2.52	0.6	18	16	105
A0862563		0.89	<0.005		0.7	2.30	3	<10	10	<0.5	<2	9.1	1.3	18	15	95
A0862564		1.80	<0.005		0.3	2.54	2	<10	110	<0.5	<2	2.06	<0.5	22	10	119
A0862565		1.23	<0.005		<0.2	1.83	<2	<10	250	<0.5	<2	1.17	<0.5	18	16	138
A0862566		0.62	0.005		<0.2	1.28	2	<10	70	<0.5	<2	1.37	<0.5	11	14	56
A0862567		0.78	<0.005		<0.2	1.96	<2	<10	60	<0.5	<2	2.23	<0.5	17	11	86
A0862568		3.30	<0.005		0.5	2.57	<2	<10	30	<0.5	<2	3.33	2.4	20	11	102
A0862569		1.44	<0.005		0.2	2.17	2	<10	20	<0.5	<2	2.60	1.0	16	10	23
A0862570		1.63	0.366		2.7	0.55	<2	<10	200	<0.5	<2	1.99	0.9	9	3	71
A0862571		1.01	1.715		25.2	0.25	<2	<10	20	<0.5	<2	0.11	<0.5	5	12	35
A0862572		2.07	>10.0	18.15	>100	0.05	<2	<10	10	<0.5	2	0.01	<0.5	2	15	198
A0862573		1.49	0.277		7.2	0.75	3	<10	150	<0.5	<2	0.04	<0.5	25	3	759
A0862574		2.11	0.031		1.4	1.38	2	<10	130	<0.5	<2	0.30	0.7	13	3	399
A0862575		1.46	0.035		0.4	1.08	<2	<10	100	<0.5	<2	3.71	0.8	16	3	112
A0862576		2.67	0.006		0.3	2.35	<2	<10	80	<0.5	<2	4.57	<0.5	22	10	138
A0862577		3.52	<0.005		0.2	2.43	<2	<10	20	<0.5	<2	3.36	<0.5	23	19	146
A0862578		3.39	0.006		<0.2	2.08	<2	<10	30	<0.5	<2	2.89	<0.5	22	20	91
A0862579		1.47	0.005		<0.2	2.50	2	<10	40	<0.5	2	3.36	0.5	25	17	113
A0862580		0.91	0.005		0.2	2.30	2	<10	20	<0.5	<2	3.53	<0.5	22	20	188

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
A0862541		5.27	<10	<1	0.26	10	0.86	1185	1	0.01	9	970	4	0.10	3	5
A0862542		5.39	<10	<1	0.25	10	0.32	1225	3	0.01	17	950	69	0.26	2	3
A0862543		0.65	<10	<1	0.01	<10	<0.01	58	1	<0.01	1	10	31	0.04	<2	<1
A0862544		4.79	<10	<1	0.29	<10	1.51	1450	<1	0.01	11	910	60	0.87	2	5
A0862545		5.44	<10	<1	0.25	10	1.72	1320	<1	0.02	10	830	32	0.08	<2	6
A0862546		5.80	10	<1	0.13	<10	1.79	1225	<1	0.03	14	930	<2	0.10	<2	7
A0862547		2.55	<10	<1	0.10	<10	1.76	519	<1	0.05	44	1180	<2	<0.01	<2	6
A0862548		3.68	10	<1	0.13	<10	1.81	778	<1	0.04	35	1180	26	0.04	3	7
A0862549		5.53	10	<1	0.17	10	1.20	1770	1	0.02	6	940	43	0.14	<2	9
A0862550		4.66	10	<1	0.14	<10	1.31	751	<1	0.05	9	1110	<2	0.13	<2	9
A0862551		4.81	10	<1	0.13	<10	1.45	830	<1	0.05	8	1360	<2	0.11	3	9
A0862552		5.51	10	<1	0.14	<10	1.39	867	<1	0.04	8	930	<2	0.12	2	12
A0862553		5.78	10	<1	0.18	10	1.41	1380	<1	0.01	10	920	303	0.24	<2	9
A0862554		7.07	10	<1	0.44	<10	2.08	1025	<1	0.03	11	1230	2	0.10	2	18
A0862555		4.18	10	<1	0.15	<10	1.38	674	<1	0.06	8	1010	2	0.04	<2	8
A0862556		4.30	10	<1	0.10	<10	1.47	731	1	0.07	7	1180	<2	0.02	2	7
A0862557		4.84	10	<1	0.15	<10	1.54	860	1	0.04	8	1020	<2	0.13	<2	7
A0862558		4.15	10	<1	0.03	<10	1.17	566	<1	0.06	8	1080	<2	0.05	<2	6
A0862559		3.28	10	<1	0.13	<10	0.97	458	<1	0.07	6	1050	<2	0.04	<2	5
A0862560		3.46	10	<1	0.13	<10	1.06	482	<1	0.07	6	1060	<2	0.06	<2	5
A0862561		4.20	10	<1	0.04	<10	1.29	615	1	0.06	7	1000	<2	0.05	<2	8
A0862562		5.40	10	<1	0.07	<10	1.46	939	<1	0.05	8	1060	30	0.10	<2	15
A0862563		6.39	10	<1	0.03	10	1.83	2590	<1	0.03	9	940	24	0.43	<2	16
A0862564		6.34	10	<1	0.23	<10	1.68	981	<1	0.04	7	910	<2	0.30	<2	13
A0862565		4.35	10	<1	0.60	<10	1.23	618	<1	0.08	11	1080	<2	0.08	2	9
A0862566		3.24	10	<1	0.20	<10	0.85	498	<1	0.06	6	810	<2	0.01	<2	9
A0862567		5.04	10	<1	0.17	<10	1.47	736	1	0.04	6	850	4	0.23	<2	13
A0862568		5.77	10	1	0.11	<10	1.63	1110	<1	0.02	12	930	92	0.18	<2	12
A0862569		4.91	10	1	0.09	<10	1.32	1035	<1	0.02	9	860	25	0.12	2	9
A0862570		2.80	<10	<1	0.21	10	0.31	894	<1	<0.01	2	620	335	0.94	<2	2
A0862571		1.36	<10	<1	0.06	<10	0.13	132	1	<0.01	2	140	4	0.14	<2	1
A0862572		2.18	<10	<1	0.02	<10	0.01	50	6	<0.01	2	40	35	0.21	<2	<1
A0862573		3.31	<10	<1	0.25	10	0.11	998	2	<0.01	3	670	180	0.29	<2	4
A0862574		3.42	<10	<1	0.21	10	0.49	829	<1	<0.01	5	760	33	0.01	<2	3
A0862575		4.55	<10	<1	0.22	10	1.03	1035	1	0.01	5	880	5	0.33	<2	4
A0862576		6.34	10	<1	0.13	10	1.72	1340	<1	0.02	9	980	2	0.15	<2	9
A0862577		6.63	10	<1	0.04	10	1.93	1230	<1	0.04	11	1040	2	0.04	<2	16
A0862578		6.03	10	<1	0.06	10	1.74	1180	<1	0.04	10	1040	<2	0.02	<2	11
A0862579		6.60	10	<1	0.10	10	1.97	1270	<1	0.03	12	1400	<2	0.05	<2	9
A0862580		6.38	10	<1	0.06	<10	1.85	1245	<1	0.03	11	1020	<2	0.13	2	12

***** See Appendix Page for comments regarding this certificate *****

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	20	0.01	10	10	1	10	2	1
A0862541		202	<20	0.03	<10	<10	39	<10	86	
A0862542		30	<20	0.01	<10	<10	26	<10	80	
A0862543		2	<20	<0.01	<10	<10	1	<10	2	
A0862544		449	<20	0.01	<10	<10	33	<10	93	
A0862545		397	<20	0.02	<10	<10	44	<10	109	
A0862546		319	<20	0.10	<10	<10	104	<10	90	
A0862547		95	<20	0.13	<10	<10	85	<10	39	
A0862548		124	<20	0.11	<10	<10	93	<10	78	
A0862549		613	<20	0.08	<10	<10	91	<10	108	
A0862550		149	<20	0.22	<10	<10	101	<10	86	
A0862551		142	<20	0.22	<10	<10	105	<10	88	
A0862552		97	<20	0.14	<10	<10	124	<10	97	
A0862553		149	<20	0.01	<10	<10	99	<10	306	
A0862554		79	<20	0.15	<10	<10	188	<10	123	
A0862555		88	<20	0.23	<10	<10	118	<10	72	
A0862556		63	<20	0.22	<10	<10	114	<10	78	
A0862557		103	<20	0.24	<10	<10	124	<10	107	
A0862558		48	<20	0.19	<10	<10	126	<10	64	
A0862559		12	<20	0.18	<10	<10	104	<10	49	
A0862560		13	<20	0.19	<10	<10	108	<10	51	
A0862561		22	<20	0.18	<10	<10	136	<10	61	
A0862562		48	<20	0.09	<10	<10	163	<10	111	
A0862563		295	<20	0.01	<10	<10	133	<10	125	
A0862564		59	<20	0.13	<10	<10	167	<10	96	
A0862565		52	<20	0.27	<10	<10	121	<10	73	
A0862566		56	<20	0.19	<10	<10	91	<10	55	
A0862567		40	<20	0.16	<10	<10	131	<10	86	
A0862568		59	<20	<0.01	<10	<10	95	<10	220	
A0862569		44	<20	0.01	<10	<10	83	<10	137	
A0862570		108	<20	<0.01	<10	<10	5	<10	45	
A0862571		9	<20	0.02	<10	<10	10	<10	9	
A0862572		2	<20	<0.01	<10	<10	2	<10	4	128
A0862573		7	<20	<0.01	<10	<10	10	<10	38	
A0862574		20	<20	<0.01	<10	<10	11	<10	75	
A0862575		214	<20	0.01	<10	<10	25	<10	69	
A0862576		218	<20	0.01	<10	<10	112	<10	104	
A0862577		126	<20	0.02	<10	<10	176	<10	97	
A0862578		91	<20	0.06	<10	<10	159	<10	87	
A0862579		95	<20	0.04	<10	<10	147	<10	99	
A0862580		120	<20	0.11	<10	<10	154	<10	95	

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North Vancouver BC V7H 0A7
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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 2-OCT-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
A0862581		1.34	0.005		<0.2	2.23	2	<10	40	0.6	<2	3.27	<0.5	22	18	81
A0862582		0.56	0.006		0.2	2.54	<2	<10	230	<0.5	<2	1.71	<0.5	20	10	189

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CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
A0862581		6.06	10	<1	0.09	10	1.70	1220	<1	0.03	11	1160	<2	0.06	<2	9
A0862582		5.88	10	<1	0.45	<10	1.74	909	<1	0.04	7	1080	<2	0.12	<2	9

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CERTIFICATE OF ANALYSIS YW20192720

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	20	0.01	10	10	1	10	2	1
A0862581		107	<20	0.04	<10	<10	132	<10	90	
A0862582		95	<20	0.30	<10	<10	154	<10	92	

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CERTIFICATE OF ANALYSIS YW20192720

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Yellowknife located at # 8 – 3 Coronation Drive, X1A 0G5, Yellowknife, NT, Canada.

Applies to Method:				
	BAG-01	CRU-31	CRU-QC	LOG-21
	PUL-32m	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG46	Au-AA23	Au-GRA21	ME-ICP41
	ME-OG46			

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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 30-SEP-2020
This copy reported on 5-OCT-2020
Account: HAGOCO

CERTIFICATE YW20194671

Project: DOC Project

P.O. No.: DOC Project

This report is for 15 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

TYLER FIOLLEAU	DEBORAH HOLMES	RAY MARKS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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ABBOTSFORD BC V3G 3E1

Finalized Date: 30-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20194671

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
37336		3.96	0.090	0.5	0.68	2	<10	160	<0.5	<2	1.65	0.8	10	10	58	2.73
37337		3.38	0.014	0.4	0.85	<2	<10	150	<0.5	<2	0.73	0.6	9	15	46	2.65
37338		8.39	0.011	0.2	1.64	2	<10	60	<0.5	<2	1.18	<0.5	14	16	79	4.48
37339		3.11	0.007	0.3	1.80	2	<10	150	<0.5	<2	2.27	<0.5	12	33	59	4.20
37340		1.49	0.005	0.2	3.28	<2	<10	50	<0.5	2	3.26	<0.5	23	8	75	6.84
37341		1.77	0.009	0.4	2.79	2	<10	40	<0.5	<2	4.50	<0.5	22	9	87	6.94
37342		1.60	0.015	0.4	2.52	<2	<10	40	<0.5	2	2.39	<0.5	18	13	92	5.88
37343		3.55	0.008	0.3	2.26	<2	<10	40	<0.5	<2	2.08	<0.5	17	12	89	5.42
37344		1.02	0.007	0.4	1.92	<2	<10	90	<0.5	<2	1.90	<0.5	16	8	94	5.39
37345		2.29	0.335	1.6	0.90	2	<10	250	<0.5	<2	4.25	1.6	25	49	57	5.34
37346		1.65	0.533	3.9	0.40	<2	<10	360	<0.5	<2	2.66	1.7	17	3	83	3.83
37347		1.29	0.511	3.2	0.36	<2	<10	650	<0.5	<2	3.54	2.3	15	3	18	3.95
37348		1.61	0.141	0.8	0.57	56	<10	110	<0.5	<2	5.14	1.5	21	2	42	5.83
37349		0.94	0.013	0.5	1.95	5	<10	90	<0.5	<2	4.42	0.7	14	12	77	5.65
37350		2.29	0.018	0.5	1.83	6	<10	160	<0.5	<2	3.13	0.5	18	19	82	5.36

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CERTIFICATE OF ANALYSIS YW20194671

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
37336		<10	<1	0.23	10	0.52	748	1	0.02	18	590	33	0.17	<2	4	33
37337		<10	<1	0.15	10	0.62	405	1	0.02	19	390	86	0.12	<2	3	11
37338		10	<1	0.18	<10	1.17	631	1	0.04	12	560	4	0.07	<2	11	12
37339		10	<1	0.26	10	1.27	620	<1	0.03	29	1650	4	0.08	<2	9	22
37340		10	<1	0.10	<10	2.72	1505	<1	0.03	9	1250	31	0.04	3	19	39
37341		10	<1	0.09	<10	2.19	1820	1	0.02	10	1160	6	0.20	3	17	77
37342		10	<1	0.10	<10	1.88	1215	1	0.03	10	690	2	0.23	2	9	30
37343		10	<1	0.08	<10	1.77	1030	1	0.03	8	720	4	0.11	<2	12	22
37344		10	<1	0.20	<10	1.28	1150	1	0.03	7	670	2	0.02	2	9	17
37345		<10	<1	0.40	<10	1.51	1575	1	0.02	77	860	7	0.60	<2	9	138
37346		<10	<1	0.26	<10	0.10	1305	1	0.01	9	1080	8	0.35	<2	5	30
37347		<10	<1	0.23	<10	0.27	2470	3	0.01	13	1260	10	0.27	<2	5	59
37348		<10	<1	0.25	<10	1.05	2030	1	<0.01	8	600	7	0.75	2	6	116
37349		10	<1	0.60	<10	1.80	1575	1	0.02	9	650	6	0.06	<2	9	126
37350		10	<1	0.55	<10	1.14	1115	1	0.02	13	650	4	0.01	3	9	26

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North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 30-SEP-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS YW20194671

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	20	0.01	10	10	1	10	2
37336		<20	0.04	<10	<10	27	<10	72
37337		<20	0.05	<10	<10	37	<10	103
37338		<20	0.14	<10	<10	132	<10	85
37339		<20	0.10	<10	<10	77	<10	102
37340		<20	0.08	<10	<10	212	<10	147
37341		<20	0.08	<10	<10	174	<10	125
37342		<20	0.04	<10	<10	96	<10	109
37343		<20	0.05	<10	<10	141	<10	99
37344		<20	0.05	<10	<10	108	<10	87
37345		<20	0.03	<10	<10	39	<10	97
37346		<20	<0.01	<10	<10	13	<10	73
37347		<20	<0.01	<10	<10	11	<10	117
37348		<20	0.02	<10	<10	25	<10	116
37349		<20	0.12	<10	<10	104	<10	138
37350		<20	0.10	<10	<10	99	<10	125

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Project: DOC Project

CERTIFICATE OF ANALYSIS YW20194671

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Yellowknife located at # 8 – 3 Coronation Drive, X1A 0G5, Yellowknife, NT, Canada.

Applies to Method:				
	BAG-01	CRU-31	CRU-QC	LOG-21
	PUL-32m	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA23	ME-ICP41

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58476
Geologist:	T. Fiolleau	Date Received:	Oct 08, 2020
Project:	Doc Project	Date Reported:	Nov 05, 2020
Purchase Order:	Hanstone2	Invoice:	78663

Sample Type:	Number	Size Fraction	Sample Preparation
Core	108	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0867814	0.1	2.49	0.9	15.2	<20	194	0.5	0.23	0.2	15.5	85	12.2	5	11	<0.01	1.3	5	1.97	241	0.7	0.038	15.3	0.02
A0867815	0.1	2.55	<0.5	7.2	<20	104	<0.1	3.09	<0.1	17.7	78	36.8	4.34	13	<0.01	0.81	4	2.17	385	0.3	0.03	12.7	0.163
A0867816	0.1	2.39	0.8	11.4	<20	149	<0.1	2.6	0.4	11.4	55	54.5	4.27	10	<0.01	1.12	5	1.93	505	0.4	0.029	16.4	0.082
A0867817	0.2	2.83	0.6	13.8	<20	73	0.3	2.94	0.2	23.7	87	163.1	3.68	11	<0.01	0.68	5	2.77	497	0.3	0.026	14.3	0.45
A0867818	0.2	2.42	2.2	5.8	<20	85	0.1	0.65	<0.1	16.9	56	89.4	4.18	11	<0.01	0.64	4	1.91	289	1	0.042	10	0.109
A0867819	<0.1	2.67	0.6	3.3	<20	97	<0.1	0.78	<0.1	9.8	87	30.4	4.53	10	<0.01	0.59	4	2.16	383	0.5	0.03	14.2	0.05
A0867820	<0.1	3.23	0.5	3.2	<20	139	<0.1	0.37	<0.1	11.9	86	31.5	5.19	13	<0.01	0.89	4	2.61	364	0.5	0.035	16.4	0.062
A0867821	<0.1	1.13	0.7	1	<20	32	<0.1	5.48	<0.1	5.2	71	12.5	1.35	4	<0.01	0.21	4	0.81	474	0.3	0.017	6.2	0.175
A0867822	<0.1	2.79	<0.5	2.5	<20	146	<0.1	0.4	<0.1	13.1	96	9.1	4.73	13	<0.01	1.05	4	2.36	176	0.2	0.029	15.3	0.06
A0867823	0.2	2.11	<0.5	3.5	<20	150	<0.1	1.94	<0.1	8.8	126	5.7	3.54	9	<0.01	0.99	3	1.76	248	0.2	0.027	18.7	0.116
A0867824	<0.1	1.83	<0.5	1.1	<20	95	<0.1	1.05	<0.1	8.9	116	9.4	3.59	9	<0.01	0.67	6	1.51	200	0.3	0.058	16.3	0.117
A0867825	<0.1	1.87	<0.5	1.3	<20	62	<0.1	1.25	<0.1	9	119	13.9	3.39	10	<0.01	0.51	2	1.83	224	0.2	0.055	21	0.031
A0867826	0.1	1.72	<0.5	2.5	<20	147	<0.1	5.75	0.4	10.7	56	17.1	3.05	6	<0.01	0.71	3	1.26	407	0.2	0.02	17.7	0.058
A0867827	1	1.15	1.8	58.9	<20	184	<0.1	10.8	3.9	10.5	78	46.4	2.65	3	<0.01	0.44	3	0.5	843	0.4	0.009	14.2	0.123
A0867828	0.1	2.16	<0.5	1.5	<20	102	<0.1	1.32	1.2	10.6	60	9.9	4.15	7	<0.01	1.04	8	1.6	195	0.1	0.024	22.8	0.019
A0867829	<0.1	1.84	<0.5	8.9	<20	86	<0.1	8.51	0.8	7.9	85	17.9	2.77	6	<0.01	0.96	3	1.3	480	0.2	0.016	17.1	0.05
A0867830	<0.1	1.98	<0.5	1.5	<20	169	<0.1	1.47	0.6	8	92	8.5	3.33	9	<0.01	0.99	3	1.65	227	0.2	0.04	21.3	0.044
A0867831	0.1	1.99	<0.5	1.6	<20	113	<0.1	0.85	0.8	8.7	72	12.7	3.55	9	<0.01	0.76	5	1.79	176	0.2	0.047	21.7	0.016
A0867832	0.1	0.55	1	5.3	<20	37	<0.1	14.14	1.9	6.8	43	20.5	1.51	2	<0.01	0.2	3	0.36	653	0.7	0.01	9.7	0.123
A0867833	<0.1	1.59	0.6	1.6	<20	49	<0.1	9.07	0.3	9.7	80	46.6	2.35	6	<0.01	0.53	3	1.5	506	0.2	0.019	18.9	0.132
A0867834	0.1	1.11	0.9	2.3	<20	66	<0.1	5.66	0.4	11.2	73	46.1	3.36	4	<0.01	0.32	6	0.77	468	0.7	0.019	19.7	0.083
A0867835	0.3	0.64	1.8	4.4	<20	60	<0.1	11.48	5.2	13.8	37	52.3	2.9	2	<0.01	0.31	6	0.28	940	1.2	0.011	16.3	0.131
A0867836	0.5	0.35	1.3	48.6	<20	86	<0.1	11.65	5.8	9	65	41.6	2.13	1	<0.01	0.23	4	0.19	1050	1	0.012	11.3	0.116
A0867836 Re	0.5	0.35	1.3	42.4	<20	84	<0.1	11.65	5.8	8.9	65	41.9	2.13	1	<0.01	0.23	4	0.19	1072	1	0.012	11.3	0.118
A0867837	<0.1	1.32	<0.5	3.8	<20	328	<0.1	2.43	4.1	9.8	72	14	2.85	5	<0.01	0.76	5	1.25	461	0.3	0.027	18.8	0.045
A0867838	5.3	0.46	2.5	341.1	<20	433	0.1	6.41	60.6	10.6	112	473.6	2.49	2	<0.01	0.3	11	0.25	1436	11.5	0.008	10.7	0.126
A0867839	3.7	0.75	5.7	916.2	<20	208	0.1	0.14	0.7	47.1	42	54.3	5.41	4	<0.01	0.55	34	0.52	429	30.5	0.028	18	0.088
A0867840	0.3	1.5	4.3	37.5	<20	403	<0.1	2.26	0.6	26.9	31	126.5	3.37	5	<0.01	0.78	4	1.08	510	2.4	0.037	8.3	0.184
A0867841	0.2	2.17	3.3	1.9	<20	105	<0.1	2.51	0.2	27.1	74	138.5	3.77	9	<0.01	0.73	3	1.72	380	1.2	0.036	11.4	0.079
A0867842	<0.1	2.48	3.6	1.8	<20	74	<0.1	1	<0.1	32.6	80	138	4.46	12	<0.01	0.86	2	1.81	356	1.3	0.05	14.4	0.063
A0867843	<0.1	2.68	1.2	1	<20	103	<0.1	1.65	<0.1	13.4	74	39.7	4.42	12	<0.01	1.1	3	1.86	402	0.6	0.031	8.8	0.096
A0867844	0.1	2.28	1.1	5.8	<20	38	<0.1	2.37	0.1	9.8	58	36.6	3.6	12	<0.01	0.51	4	1.96	480	0.3	0.024	5.5	0.101
A0867845	0.2	2.89	1.6	6	<20	111	0.1	2.67	0.2	20.4	90	97.4	5.38	15	<0.01	0.39	14	2.5	725	0.4	0.051	30.6	0.16
A0867846	<0.1	4.94	<0.5	1	<20	113	<0.1	6	<0.1	49.4	579	34.8	6.65	16	<0.01	1.23	2	6.29	1349	0.3	0.006	317.1	0.053
A0867847	0.2	4.68	0.7	15.6	<20	97	<0.1	4.06	0.4	39.5	419	94.1	6.24	16	<0.01	1.01	3	5.24	1159	0.2	0.03	216.7	0.063

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0867848	<0.1	3.49	1.4	2	<20	79	<0.1	3.44	0.1	32.6	329	61.2	4.9	14	<0.01	0.62	3	3.54	703	0.4	0.049	155.3	0.116
A0867849	<0.1	2.74	6.3	1.8	<20	81	<0.1	2.07	<0.1	32.7	75	147.9	4.45	12	<0.01	0.67	2	2.48	367	0.6	0.076	19.5	0.178
A0867850	<0.1	2.25	5.2	2.1	<20	82	<0.1	2.25	<0.1	27.6	56	114.1	3.55	10	<0.01	0.59	2	2.02	329	0.6	0.055	16.5	0.177
A0867851	<0.1	2.62	1.5	1.1	<20	73	<0.1	0.59	<0.1	13.5	79	70	4.31	13	<0.01	0.95	3	2.24	257	1	0.079	11.8	0.068
A0867852	<0.1	1.99	0.9	0.9	<20	44	<0.1	2.36	<0.1	8.7	65	40.1	2.76	9	<0.01	0.87	3	1.51	296	0.2	0.04	10.5	0.167
A0867853	0.2	3.1	1.1	1.6	<20	118	<0.1	0.38	0.2	14.8	89	36.8	5.28	14	<0.01	0.89	5	2.04	460	0.3	0.039	12.4	0.048
A0867854	<0.1	3.34	0.5	0.6	<20	183	<0.1	0.36	<0.1	17	62	16.2	5.72	13	<0.01	1.74	3	2.05	308	0.2	0.032	11.3	0.042
A0867855	0.2	2.3	0.9	26.7	<20	146	<0.1	2.23	0.3	20.2	74	15.6	4.85	9	<0.01	1	5	1.82	374	1.1	0.058	11.3	0.106
A0867856	<0.1	2.68	<0.5	1.9	<20	102	<0.1	1.32	<0.1	11.9	70	46	4.28	13	<0.01	0.97	4	2.44	354	0.2	0.057	17.8	0.299
A0867857	0.2	2.78	0.6	6.8	<20	82	0.2	0.19	0.2	20.8	98	140.8	4.4	13	<0.01	0.43	8	2.17	259	0.6	0.058	16.1	0.035
A0867858	<0.1	1.76	<0.5	1.2	<20	80	<0.1	4.69	0.3	7.8	67	9.7	2.79	8	<0.01	0.53	2	1.32	472	0.2	0.041	14.2	0.073
A0867859	<0.1	2.41	0.7	2.2	<20	113	<0.1	2.09	0.1	17	72	33.5	3.78	10	<0.01	0.55	4	2.19	507	0.2	0.102	26	0.164
A0867860	<0.1	2.29	<0.5	2.5	<20	86	<0.1	1.15	0.1	10.4	62	11.2	3.9	12	<0.01	0.73	3	2.04	282	0.1	0.046	23.4	0.02
A0867861	0.2	2.3	<0.5	3.9	<20	117	<0.1	6.86	0.3	8.7	122	20.4	3.41	8	<0.01	1.25	3	1.61	447	0.3	0.031	20	0.051
A0867862	0.2	3.17	<0.5	2.4	<20	146	<0.1	3.02	<0.1	16.3	53	36.2	4.74	13	<0.01	0.8	4	2.4	694	0.2	0.036	27.1	0.147
A0867863	<0.1	2.8	0.7	2.6	<20	91	<0.1	7.1	0.3	14.8	74	33.9	4.01	12	<0.01	0.53	3	2.1	747	0.2	0.031	22.4	0.127
A0867864	<0.1	2.47	0.6	1.8	<20	54	<0.1	5.79	0.1	18.4	64	43	4.16	10	<0.01	0.26	3	2.43	843	0.2	0.042	29	0.156
A0867865	<0.1	2.16	<0.5	2.1	<20	105	<0.1	2.96	0.2	17.8	104	9.1	4.09	7	<0.01	0.82	5	2.28	406	2	0.036	23.9	0.351
A0867866	0.7	1.61	<0.5	75.7	<20	147	0.2	1.94	0.3	18.9	69	24.6	3.78	7	<0.01	0.83	2	1.94	413	2.1	0.037	13.4	0.116
A0867867	0.2	1.79	0.7	31	<20	151	<0.1	2.94	0.3	11	103	19.7	3.2	7	<0.01	0.83	7	1.59	512	0.8	0.034	12.2	0.067
A0867868	0.2	2.58	4.1	10.8	<20	37	<0.1	2.35	<0.1	20	47	20.3	5.63	16	<0.01	0.15	33	2.77	850	0.8	0.029	31.5	0.241
A0867869	0.2	2.92	3.2	29.3	<20	53	<0.1	2.29	0.3	20.5	65	33.9	6.02	17	<0.01	0.15	33	3.03	821	0.4	0.03	32.6	0.233
A0867870	1.2	2.19	2.7	230.9	<20	202	0.2	0.59	0.4	16.5	49	65.9	3.92	8	<0.01	0.62	11	1.47	687	0.7	0.009	17.8	0.069
A0867871	3.2	0.09	0.9	881.5	<20	46	10.1	0.04	<0.1	5.2	481	14	0.96	<1	<0.01	0.04	1	0.04	149	1.4	0.007	12.1	0.002
A0867872	8.3	0.58	2	232.4	<20	78	7	0.11	0.2	11.8	208	327.5	1.71	2	<0.01	0.14	3	0.46	565	1.5	0.005	12.8	0.022
A0867872 Re	7.6	0.58	2	194.3	<20	76	6.4	0.11	0.2	11.8	201	323	1.7	2	<0.01	0.14	3	0.46	561	1.5	0.005	12.6	0.021
A0867873	43.2	0.38	4.5	11927.7	<20	465	11.3	0.12	0.6	15.8	426	212.2	2.67	2	0.02	0.15	10	0.19	504	10.6	0.018	17.1	0.023
A0867874	12.7	0.64	0.7	1876.5	<20	170	0.7	3.12	1.7	23	101	42.3	3.68	2	<0.01	0.35	3	1.03	1983	9.7	0.019	13.9	0.066
A0867875	1.5	1.06	<0.5	344.6	<20	156	0.6	3.36	1	19.2	178	21.3	3.78	3	<0.01	0.51	2	1.26	1733	2.8	0.023	16.1	0.062
A0867876	3.8	1.1	<0.5	759.6	<20	166	0.4	1.58	0.9	14.5	111	18.1	3.66	4	<0.01	0.58	2	1.55	922	3.6	0.033	15.8	0.069
A0867877	5.9	0.73	0.9	1056.3	<20	158	0.4	0.3	1.1	13.8	302	20.7	2.84	3	0.01	0.35	3	0.53	652	3	0.048	16	0.049
A0867878	8.1	0.6	1.5	1493	<20	170	0.1	0.22	2.5	19.2	108	23.6	3.54	2	0.01	0.4	8	0.36	876	37.9	0.019	13.8	0.044
A0867879	3.7	1.47	1	680.2	<20	326	0.4	0.34	1.6	18.7	121	76.6	4.04	5	<0.01	0.92	5	0.73	769	4.2	0.031	12.1	0.031
A0867880	4.4	1.28	1.3	738.4	<20	251	0.6	0.3	1.3	14.6	80	55	3.6	4	<0.01	0.85	4	0.74	694	3	0.02	10.1	0.022
A0867881	0.5	2.11	<0.5	30.8	<20	366	<0.1	1.09	0.6	6.3	55	68.4	4.01	7	<0.01	1.54	4	1.27	579	0.5	0.052	8.1	0.022

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0867882	0.6	2.09	<0.5	24.3	<20	220	<0.1	1	0.4	9.1	38	29.2	4.1	7	<0.01	1.7	3	1.29	418	0.4	0.023	8.1	0.036
A0867883	0.3	2.48	0.5	7.1	<20	188	<0.1	1.49	0.2	14.2	65	47.6	4.76	8	<0.01	1.38	5	1.54	448	0.7	0.035	9.4	0.052
A0867884	0.3	2.91	0.6	19.1	<20	156	<0.1	2.23	0.3	18.3	46	87.8	5.29	11	<0.01	1.17	5	2.25	386	0.5	0.027	12.9	0.17
A0867885	<0.1	3.08	2.8	2	<20	121	<0.1	1.01	<0.1	15.3	102	25.1	5.32	12	<0.01	0.55	4	2.41	311	0.8	0.047	20.3	0.046
A0867886	<0.1	1.93	3.5	2	<20	66	0.1	6.16	0.1	18.1	73	30	3.97	6	<0.01	0.39	2	1.48	550	1.2	0.016	18.3	0.186
A0867887	<0.1	2.38	0.8	4.8	<20	174	0.1	1.7	<0.1	11.9	151	29.1	4.2	8	0.01	0.85	5	1.61	275	0.5	0.046	16	0.054
A0867888	<0.1	1.78	1	2.1	<20	64	0.1	2.43	<0.1	18	59	60	3.58	7	<0.01	0.39	3	1.48	394	0.7	0.049	7.5	0.131
A0867889	<0.1	0.79	0.6	1.6	<20	27	<0.1	6.98	<0.1	2.2	113	40.2	0.53	2	<0.01	0.25	1	1.24	229	0.3	0.018	4.1	0.052
A0867890	3.4	1.42	2.2	793	<20	322	3.5	0.17	0.5	24.1	45	39.8	4.53	3	0.01	0.79	6	0.75	542	3.1	0.01	20.4	0.027
A0867891	0.1	1.7	<0.5	4.4	<20	24	<0.1	1.43	<0.1	16.8	86	89.4	3.65	7	<0.01	0.13	4	1.25	590	0.5	0.096	16	0.118
A0867892	0.1	2.09	0.6	2.1	<20	29	<0.1	1.94	0.1	21.2	64	81.8	4.98	8	0.01	0.1	1	1.55	880	0.3	0.048	13.9	0.065
A0867893	0.3	1.84	1.2	1.2	<20	37	<0.1	2.2	0.2	18	88	78.8	4.5	6	0.01	0.21	3	1.39	863	0.6	0.063	11	0.063
A0867894	1.6	1.01	1.2	8.5	<20	71	0.1	3.02	1.8	15.7	45	181	4.56	4	<0.01	0.22	2	1.26	1058	0.6	0.028	9.2	0.078
A0867895	2.4	0.65	2.4	258.1	<20	196	0.6	1.14	3.7	21	207	148.3	3.7	2	<0.01	0.34	5	0.11	1620	3	0.021	12.3	0.071
A0867896	8.6	0.28	1.2	1641.9	<20	379	0.4	0.26	2.4	10.3	236	93.9	1.98	<1	<0.01	0.16	4	0.1	868	2.7	0.005	10.8	0.02
A0867897	0.8	2.08	0.6	15.4	<20	55	<0.1	3.28	0.4	22.8	44	158.5	5.3	6	<0.01	0.34	3	1.83	1307	1	0.043	11.8	0.08
A0867898	3	0.89	1	244.6	<20	246	<0.1	4.36	64.5	22.3	32	657.5	4.43	3	0.03	0.34	2	1.47	2119	0.8	0.019	15.2	0.144
A0867899	0.2	2.38	0.8	2.4	<20	59	<0.1	2.83	0.4	20.8	41	94.7	4.73	8	<0.01	0.14	3	1.66	846	0.3	0.072	15.7	0.158
A0867900	0.1	1.8	0.5	5.2	<20	33	<0.1	1.43	0.2	15.5	44	93	3.94	8	<0.01	0.12	2	1.4	592	0.4	0.063	8	0.107
A0867901	0.1	1.88	0.5	2.6	<20	95	<0.1	0.9	<0.1	17.3	54	135	4.13	7	<0.01	0.42	2	1.43	466	0.6	0.105	9.1	0.071
A0867902	0.1	1.89	<0.5	1.8	<20	133	<0.1	0.93	0.2	18.2	48	123.4	4.27	7	<0.01	0.5	2	1.49	486	0.3	0.051	8.8	0.062
A0867903	0.2	2.39	<0.5	4.7	<20	433	<0.1	1.54	<0.1	19.2	45	84.8	5.5	10	<0.01	0.97	2	1.79	929	0.4	0.09	7.7	0.074
A0867904	0.4	1.79	<0.5	15.3	<20	167	<0.1	3.66	0.2	19	30	82.2	4.97	9	<0.01	0.73	1	1.6	1534	0.3	0.057	5.2	0.076
A0867905	0.3	2.53	<0.5	2.1	<20	427	<0.1	1.75	5.4	19.9	39	69.9	5.84	10	0.01	1.01	2	2.02	1171	0.4	0.076	7.6	0.064
A0867906	0.4	1.46	<0.5	16.4	<20	261	<0.1	1.9	1.8	15.4	41	111.4	4.69	6	<0.01	0.88	3	1.61	1489	2.2	0.044	7.8	0.046
A0867907	0.2	3.48	0.8	2.3	<20	70	<0.1	2.05	0.1	24.3	38	101.2	6.72	12	<0.01	0.11	3	2.27	1042	0.1	0.067	10.1	0.069
A0867908	0.2	2.96	1.6	3.2	<20	166	<0.1	4.07	<0.1	24.8	36	135	6.4	10	<0.01	0.09	2	1.94	1075	0.2	0.029	12.9	0.067
A0867908 Re	0.2	2.92	1.6	2.6	<20	157	<0.1	4.02	<0.1	24.9	35	126.1	6.28	10	<0.01	0.09	2	1.91	1059	0.4	0.029	12.1	0.065
A0867909	0.2	2.14	2.3	6	<20	383	<0.1	2.4	0.2	19.1	65	127.7	4.58	6	<0.01	0.23	2	1.26	688	0.3	0.1	13.1	0.058
A0867910	0.2	2.54	1.8	8.4	<20	802	<0.1	2	0.2	21.3	49	126.6	5.4	7	<0.01	0.21	2	1.5	731	0.4	0.07	12.5	0.061
A0867911	0.7	1.94	1.6	31.1	<20	676	0.1	2.48	0.5	21.9	56	149.6	4.31	4	<0.01	0.55	3	1.04	943	0.6	0.028	8.9	0.064
A0867912	7	2.46	11.9	1076.6	<20	412	1.4	2.03	0.9	27.7	25	284.9	6.54	6	0.01	0.47	4	1.43	959	10.4	0.009	13.1	0.078
A0867913	2.8	0.2	3.4	418.7	<20	108	0.5	0.08	0.8	8.5	428	125.3	1.75	<1	<0.01	0.09	1	0.07	702	3.1	0.013	11.6	0.012
A0867914	0.8	0.09	0.9	134.3	<20	78	<0.1	0.05	0.6	4.7	210	4.1	0.98	<1	<0.01	0.05	<1	0.04	560	0.7	0.009	6.1	0.008
A0867915	3.7	0.64	1.7	613.8	<20	293	1.2	1	2.2	16.3	195	23.3	4.53	1	<0.01	0.4	4	0.14	3209	2.7	0.023	11.3	0.075

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0867916	0.6	1.74	<0.5	30.5	<20	394	0.2	3.61	1	19.8	69	101.2	5.03	5	<0.01	0.31	4	1.13	1699	0.8	0.016	11.5	0.078
A0867917	0.9	1.97	11.1	100.7	<20	395	0.6	3.4	0.6	19	60	115.2	4.77	5	<0.01	0.37	5	1.19	1764	0.7	0.023	8.3	0.085
A0867918	0.3	2.54	<0.5	4.8	<20	81	<0.1	2.65	0.3	16.8	42	67.8	5.39	9	<0.01	0.11	8	1.73	1155	0.5	0.035	8.7	0.075
A0867919	0.2	2.37	0.6	3.7	<20	59	<0.1	1.69	0.1	19.1	54	85.2	5.35	9	<0.01	0.09	2	1.82	751	0.5	0.081	8.6	0.077
A0867920	0.2	1.94	0.6	4.8	<20	42	<0.1	0.92	<0.1	17.7	49	125.9	4.5	7	<0.01	0.05	1	1.52	542	0.2	0.054	8.6	0.06
A0867921	0.1	2.08	<0.5	4.5	<20	70	<0.1	0.83	<0.1	18.3	50	122.8	4.69	8	<0.01	0.1	2	1.57	548	0.3	0.092	9.5	0.073
STD DS11	1.7	1.16	41.1	60.8	<20	414	10.9	1.06	2.2	14.1	61	152.6	3.24	7	0.25	0.41	17	0.86	1058	14.7	0.072	82.5	0.068
STD OREAS262	0.5	1.34	34.1	56.2	<20	255	0.9	3.05	0.6	28.6	44	118.4	3.47	5	0.15	0.31	16	1.21	563	0.6	0.066	64.1	0.04
STD OREAS262	0.5	1.29	33.2	55.5	<20	251	0.9	3.03	0.6	27.8	43	115.7	3.4	5	0.15	0.31	15	1.19	553	0.6	0.066	62.6	0.038
STD DS11	1.8	1.13	42.9	135.5	<20	430	12.4	1.02	2.3	14.2	63	157.7	3.08	5	0.26	0.4	19	0.84	987	14.9	0.07	80.4	0.07
STD OREAS262	0.5	1.24	34.9	61.3	<20	260	1.1	2.94	0.5	27.4	42	114.4	3.3	4	0.18	0.31	17	1.19	516	0.6	0.067	63.4	0.039
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:____________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A0867814	3.4	<0.05	0.1	10.6	<0.5	3	<0.2	1.5	0.187	0.3	0.5	140	0.3	31
A0867815	1.6	<0.05	0.1	10.7	<0.5	24	<0.2	1.6	0.124	0.2	0.5	198	0.2	21
A0867816	7.1	0.06	<0.1	10.5	<0.5	38	<0.2	1.3	0.171	0.3	0.3	193	0.2	47
A0867817	1.2	<0.05	<0.1	7.4	<0.5	22	<0.2	2.1	0.081	<0.1	0.7	441	0.2	17
A0867818	1.5	<0.05	0.1	9.2	<0.5	10	<0.2	1.8	0.137	<0.1	0.6	195	0.2	18
A0867819	1	<0.05	<0.1	6.4	<0.5	11	<0.2	2.9	0.135	<0.1	0.6	127	<0.1	12
A0867820	0.8	<0.05	<0.1	7.7	<0.5	5	<0.2	2.9	0.168	<0.1	0.6	168	<0.1	13
A0867821	1.7	<0.05	<0.1	3.3	<0.5	60	<0.2	1.5	0.069	<0.1	0.7	48	0.1	4
A0867822	1.4	<0.05	<0.1	16.4	<0.5	4	<0.2	2.1	0.164	0.1	0.5	186	<0.1	10
A0867823	1.3	<0.05	<0.1	7.7	<0.5	27	<0.2	1.4	0.144	0.1	0.6	133	1	8
A0867824	1.2	<0.05	<0.1	8.4	<0.5	9	<0.2	2	0.098	<0.1	0.5	105	<0.1	10
A0867825	1.9	<0.05	<0.1	10.6	<0.5	8	<0.2	1.6	0.154	<0.1	0.3	153	<0.1	8
A0867826	9.1	0.07	0.2	6.6	<0.5	39	<0.2	1.2	0.091	0.1	0.3	86	0.2	17
A0867827	200	<0.05	0.3	5.6	<0.5	69	0.2	0.7	0.037	<0.1	0.6	35	0.6	74
A0867828	9.7	<0.05	0.2	4	<0.5	7	<0.2	1.7	0.109	0.2	0.3	155	0.1	40
A0867829	6.8	<0.05	0.1	3.6	<0.5	54	<0.2	1.1	0.149	0.1	0.3	108	0.2	16
A0867830	10.1	<0.05	0.1	7.4	<0.5	9	<0.2	1.3	0.217	0.1	0.3	223	0.2	24
A0867831	12.2	<0.05	0.1	6.8	<0.5	3	<0.2	1.9	0.095	<0.1	0.2	163	0.2	46
A0867832	15.2	<0.05	0.3	2.2	<0.5	78	<0.2	1.5	0.006	<0.1	0.7	45	1	25
A0867833	6.7	<0.05	0.2	4.1	<0.5	57	<0.2	1.2	0.079	0.1	0.5	164	0.1	10
A0867834	7.2	<0.05	0.4	3.6	<0.5	14	<0.2	1.5	0.037	<0.1	0.6	85	1.4	20
A0867835	126.7	<0.05	0.6	2.8	<0.5	38	<0.2	0.9	0.012	<0.1	0.5	36	3.3	75
A0867836	126.9	<0.05	0.3	4.1	<0.5	61	<0.2	1	0.008	<0.1	0.8	34	2.8	110
A0867836 Re	121.9	<0.05	0.3	4.1	<0.5	62	<0.2	0.9	0.008	<0.1	0.7	34	2.7	111
A0867837	79	<0.05	0.4	5.7	<0.5	20	<0.2	1.1	0.084	0.3	0.4	122	2.1	156
A0867838	2495.2	0.06	1.2	5	<0.5	111	4.3	0.5	0.01	<0.1	1.3	40	>100.0	773
A0867839	366.2	0.18	1.3	13.3	<0.5	11	3.7	1.6	0.033	0.2	2	53	4.7	102
A0867840	11.1	0.47	0.3	3	0.6	42	<0.2	0.9	0.071	0.3	0.5	34	2.8	56
A0867841	7.5	0.19	0.1	7.5	0.8	24	<0.2	1.4	0.116	0.2	1.4	305	1.1	19
A0867842	3.6	0.29	<0.1	12.8	1.3	9	<0.2	1.3	0.271	0.1	1.5	257	0.7	11
A0867843	2.1	0.09	<0.1	10.9	<0.5	11	<0.2	1.4	0.27	0.1	0.9	215	0.5	13
A0867844	10.4	<0.05	0.1	10.1	<0.5	18	<0.2	1.4	0.204	<0.1	0.3	124	0.5	23
A0867845	8.3	0.08	0.3	12.6	<0.5	39	<0.2	1.8	0.27	<0.1	0.5	136	0.6	49
A0867846	3.3	<0.05	0.1	27.8	<0.5	94	<0.2	<0.1	0.163	0.3	<0.1	176	0.2	54
A0867847	53.5	<0.05	<0.1	26.3	<0.5	71	<0.2	0.6	0.15	0.3	0.1	183	0.3	58

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867848	2.7	0.06	<0.1	18	<0.5	34	<0.2	1	0.115	0.2	0.3	145	0.2	27
A0867849	3.3	<0.05	<0.1	11.3	<0.5	14	<0.2	1.5	0.172	0.1	0.8	339	0.3	10
A0867850	2.9	<0.05	<0.1	10.5	<0.5	13	<0.2	1.3	0.146	<0.1	0.9	486	0.2	10
A0867851	2.1	<0.05	0.1	15.2	<0.5	6	<0.2	1.8	0.218	0.1	0.4	179	0.2	12
A0867852	1.7	<0.05	<0.1	8.3	<0.5	16	<0.2	1.3	0.153	<0.1	0.3	107	0.2	8
A0867853	4.9	<0.05	<0.1	13.6	<0.5	5	<0.2	1.9	0.182	<0.1	0.2	131	0.3	22
A0867854	1.6	<0.05	<0.1	11.1	<0.5	4	<0.2	1.8	0.342	0.1	0.2	142	0.2	17
A0867855	34.7	0.15	0.1	13.1	<0.5	44	0.3	1	0.114	0.2	0.3	108	0.2	32
A0867856	0.7	<0.05	<0.1	13.5	<0.5	11	<0.2	2.4	0.14	<0.1	0.7	253	<0.1	22
A0867857	1.3	<0.05	0.1	10.9	<0.5	3	<0.2	2.7	0.046	<0.1	0.9	343	<0.1	20
A0867858	2.7	<0.05	<0.1	7.9	<0.5	31	<0.2	1.3	0.149	<0.1	0.3	107	0.4	12
A0867859	1.5	<0.05	<0.1	5.6	<0.5	28	<0.2	1	0.17	<0.1	0.3	124	0.2	28
A0867860	1.1	<0.05	<0.1	11	<0.5	9	<0.2	1.6	0.21	<0.1	0.2	176	0.2	14
A0867861	2.5	<0.05	<0.1	6.3	<0.5	38	<0.2	1.3	0.205	<0.1	0.3	124	0.6	11
A0867862	0.9	<0.05	<0.1	8.6	<0.5	28	<0.2	1	0.149	<0.1	0.3	132	0.5	31
A0867863	0.9	<0.05	<0.1	8.2	<0.5	95	<0.2	0.9	0.134	<0.1	0.3	106	0.2	27
A0867864	7.4	<0.05	0.1	6.7	<0.5	76	<0.2	0.9	0.092	<0.1	0.2	89	0.1	29
A0867865	3.6	0.1	0.2	7.9	<0.5	83	<0.2	1.1	0.082	0.2	0.5	65	0.2	45
A0867866	9.2	0.72	0.3	9.4	<0.5	71	0.4	0.7	0.1	0.3	0.3	73	0.3	51
A0867867	5.7	0.15	0.4	6.1	<0.5	55	<0.2	1.4	0.134	0.3	0.6	93	0.7	51
A0867868	8.2	0.19	0.7	8	<0.5	51	<0.2	2.4	0.396	<0.1	0.6	117	0.8	88
A0867869	8.9	0.32	0.7	9.2	<0.5	49	<0.2	2.3	0.425	<0.1	0.6	121	1	93
A0867870	6.9	<0.05	0.4	5.1	<0.5	16	0.6	1.4	0.117	0.2	0.7	63	0.8	70
A0867871	8	0.2	0.2	0.3	<0.5	2	8.4	<0.1	0.003	<0.1	<0.1	4	0.4	4
A0867872	8.4	0.05	0.3	3	<0.5	8	5.4	0.3	0.006	<0.1	0.2	15	0.5	21
A0867872 Re	8.2	0.06	0.3	3	<0.5	8	5.1	0.3	0.006	<0.1	0.2	15	0.5	21
A0867873	63.7	0.23	1.1	3.1	<0.5	11	33.5	0.5	0.003	<0.1	0.4	18	0.9	56
A0867874	151.5	2.14	0.7	6	0.5	112	7.8	0.5	0.006	<0.1	0.7	11	0.7	61
A0867875	10.5	2.29	0.5	6.6	<0.5	141	1.8	0.7	0.014	0.1	0.5	31	1.3	61
A0867876	766.5	1.93	0.5	7	<0.5	89	3.1	0.8	0.052	0.2	0.5	61	4	80
A0867877	890.5	0.33	0.4	5	<0.5	18	4.8	0.9	0.017	0.1	0.5	30	1.3	56
A0867878	1407.6	0.62	1.1	4.7	<0.5	9	5.6	1	0.011	0.1	0.6	19	1.4	112
A0867879	212.3	0.37	0.5	5.9	<0.5	12	1.8	1.4	0.062	0.3	0.3	38	1.6	100
A0867880	294.2	0.06	0.4	4.4	<0.5	8	1.9	1.4	0.072	0.2	0.3	39	1.6	119
A0867881	89.1	<0.05	0.3	8.4	<0.5	14	<0.2	1.6	0.172	0.3	0.2	67	2.7	112

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867882	135.3	0.06	0.3	6.8	<0.5	15	<0.2	1.1	0.207	0.4	0.2	63	0.5	86
A0867883	13.8	<0.05	0.2	6.9	<0.5	10	<0.2	1.4	0.177	0.3	0.2	105	0.3	52
A0867884	7.5	<0.05	0.2	11.9	<0.5	12	<0.2	1.2	0.154	0.3	0.4	172	0.6	61
A0867885	2.9	0.22	0.2	8.4	<0.5	12	<0.2	1.6	0.06	<0.1	0.3	134	<0.1	18
A0867886	4.3	0.65	<0.1	6	<0.5	105	0.2	1.5	0.062	<0.1	0.9	98	0.1	7
A0867887	3.7	0.29	<0.1	9.4	<0.5	24	<0.2	2.2	0.118	0.1	0.7	144	<0.1	16
A0867888	3.2	0.43	<0.1	6.2	<0.5	25	<0.2	1.2	0.133	<0.1	0.5	118	0.2	24
A0867889	3.9	<0.05	<0.1	0.8	<0.5	61	<0.2	0.6	0.067	<0.1	0.7	75	<0.1	7
A0867890	8.3	0.15	0.6	3.9	<0.5	10	3.2	1.1	0.074	0.3	0.9	43	1.9	58
A0867891	1.3	0.13	0.1	6.4	<0.5	18	<0.2	0.8	0.225	<0.1	0.2	111	<0.1	59
A0867892	4.5	0.08	0.3	10.4	<0.5	22	<0.2	0.3	0.147	<0.1	<0.1	134	0.4	83
A0867893	23.7	0.07	0.7	10.7	<0.5	32	<0.2	0.6	0.105	0.1	0.1	114	1.3	93
A0867894	243.8	0.22	1.9	8.5	<0.5	113	<0.2	0.4	0.026	<0.1	0.1	60	1.3	145
A0867895	60.5	<0.05	1	6.6	<0.5	18	0.8	0.5	0.003	0.1	0.4	30	>100.0	108
A0867896	47.3	0.09	0.8	2.3	<0.5	17	5.2	0.2	0.005	<0.1	0.3	14	95.8	62
A0867897	123.8	0.19	0.7	8.9	<0.5	100	<0.2	0.6	0.041	0.2	0.1	105	1.2	111
A0867898	1591.4	1.08	1.2	6.1	<0.5	185	1.3	0.5	0.015	0.2	0.2	38	5	1176
A0867899	12.2	0.08	0.3	9.9	<0.5	58	<0.2	0.5	0.148	<0.1	0.2	131	0.7	97
A0867900	5.8	<0.05	0.3	7.2	0.5	21	<0.2	0.5	0.168	<0.1	0.1	120	0.4	80
A0867901	4	0.08	0.1	7.9	<0.5	12	<0.2	0.4	0.201	<0.1	<0.1	166	0.1	66
A0867902	2.1	0.06	0.1	8.4	<0.5	15	<0.2	0.4	0.189	0.1	<0.1	170	0.4	66
A0867903	1.9	0.08	<0.1	19.6	<0.5	25	<0.2	0.4	0.246	0.3	<0.1	180	0.4	102
A0867904	10.2	0.48	0.2	20.9	<0.5	111	<0.2	0.3	0.175	0.3	<0.1	179	0.4	92
A0867905	205.3	0.08	0.1	19.3	<0.5	40	<0.2	0.5	0.238	0.4	<0.1	204	0.3	266
A0867906	53.2	0.33	0.2	12.6	<0.5	108	<0.2	0.4	0.145	0.5	0.1	128	0.7	168
A0867907	3.3	0.06	<0.1	15.4	<0.5	18	<0.2	0.5	0.028	<0.1	<0.1	214	0.4	107
A0867908	4.5	0.22	<0.1	14	<0.5	64	<0.2	0.4	0.016	<0.1	<0.1	178	0.3	113
A0867908 Re	4.3	0.23	0.1	14.6	<0.5	62	<0.2	0.4	0.016	<0.1	<0.1	181	0.3	102
A0867909	3.8	0.08	0.2	6.6	<0.5	21	<0.2	0.3	0.015	<0.1	<0.1	88	0.5	84
A0867910	3.2	0.1	0.2	6.5	<0.5	29	<0.2	0.5	0.018	<0.1	0.1	92	0.3	101
A0867911	3.7	0.07	0.4	6.3	<0.5	29	<0.2	0.4	0.055	0.2	0.1	59	0.6	114
A0867912	17.4	0.07	0.6	9.5	<0.5	30	3.5	0.4	0.045	0.2	0.4	84	1.1	154
A0867913	30.7	0.1	0.5	1.8	<0.5	9	1.7	<0.1	0.002	<0.1	0.2	14	2.2	36
A0867914	21.5	0.06	0.3	1.1	<0.5	6	0.3	<0.1	0.001	<0.1	0.1	9	4.7	27
A0867915	469.7	0.08	0.5	6.8	<0.5	15	1.8	0.5	0.008	0.1	0.7	24	12.7	93

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 108 Core / 0 Pulp

Report No: S58476
Date: November 5, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867916	16.8	0.1	0.4	8.1	<0.5	40	<0.2	0.6	0.019	0.1	0.2	54	0.3	129
A0867917	203.2	0.12	0.6	8.9	<0.5	55	<0.2	0.6	0.035	0.1	0.2	70	2.4	146
A0867918	61.2	<0.05	0.2	12.7	<0.5	28	<0.2	0.7	0.021	<0.1	0.1	131	<0.1	149
A0867919	9	<0.05	0.3	15.9	<0.5	20	<0.2	0.4	0.136	<0.1	<0.1	170	0.3	97
A0867920	3.4	0.07	0.2	8.3	<0.5	12	<0.2	0.1	0.154	<0.1	<0.1	150	0.2	76
A0867921	3.2	<0.05	0.2	9.9	<0.5	18	<0.2	0.2	0.19	<0.1	<0.1	151	0.2	80
STD DS11	129.9	0.28	6.4	3	2.2	66	4.6	6.8	0.091	4.9	2.5	50	2.3	346
STD OREAS262	55.2	0.26	2.3	3.1	0.5	37	0.2	8.7	0.003	0.5	1.1	22	<0.1	148
STD OREAS262	54.3	0.26	2.4	3	<0.5	36	0.2	8.7	0.003	0.5	1.1	21	0.1	145
STD DS11	146.6	0.28	7.5	3.2	1.4	70	4.7	8.3	0.095	4.7	2.8	49	2.9	346
STD OREAS262	57.6	0.26	2.8	3.3	<0.5	38	0.2	9.8	0.003	0.5	1.2	22	0.2	147
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58476
Date Received:	Oct 08, 2020
Date Reported:	Oct 16, 2020
Invoice:	78663

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	108	Reject ~ 95% at -10 mesh (1.70 mm) Pulp ~ 95% at -150 mesh (106 µm)	Crush, Rolls Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58476

SAMPLE(S) OF

108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867814	.03		S58476
A0867815	<.03	<.03	S58476
A0867816	.07		S58476
A0867817	<.03		S58476
A0867818	<.03		S58476
A0867819	<.03		S58476
A0867820	<.03	<.03	S58476
A0867821	<.03		S58476
A0867822	<.03		S58476
A0867823	<.03		S58476
A0867824	<.03		S58476
A0867825	<.03	<.03	S58476
A0867826	<.03		S58476
A0867827	.07		S58476
A0867828	<.03		S58476
A0867829	<.03		S58476
A0867830	<.03		S58476
A0867831	<.03		S58476
A0867832	<.03		S58476
A0867833	<.03		S58476

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Oct 16/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58476

SAMPLE(S) OF
108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867834	<.03		S58476
A0867835	<.03	<.03	S58476
A0867836	.05		S58476
A0867837	<.03		S58476
A0867838	.36		S58476
A0867839	.87		S58476
A0867840	.03	.03	S58476
A0867841	<.03		S58476
A0867842	<.03		S58476
A0867843	<.03		S58476
A0867844	.03		S58476
A0867845	<.03	<.03	S58476
A0867846	<.03		S58476
A0867847	<.03		S58476
A0867848	<.03		S58476
A0867849	<.03		S58476
A0867850	<.03		S58476
A0867851	<.03		S58476
A0867852	<.03		S58476
A0867853	<.03		S58476

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58476

SAMPLE(S) OF

108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867854	<.03		S58476
A0867855	.03	.03	S58476
A0867856	<.03		S58476
A0867857	<.03		S58476
A0867858	<.03		S58476
A0867859	<.03		S58476
A0867860	<.03	<.03	S58476
A0867861	<.03		S58476
A0867862	<.03		S58476
A0867863	<.03		S58476
A0867864	<.03		S58476
A0867865	<.03	<.03	S58476
A0867866	.10		S58476
A0867867	.03		S58476
A0867868	<.03		S58476
A0867869	.03		S58476
A0867870	.27		S58476
A0867871	.93		S58476
A0867872	.24		S58476
A0867873	10.80		S58476

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Oct 16/20

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
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Abbotsford, BC V3G 3E1

REPORT No.
S58476

SAMPLE(S) OF

108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867874	1.92		S58476
A0867875	.38	.41	S58476
A0867876	.55		S58476
A0867877	1.03		S58476
A0867878	1.54		S58476
A0867879	.70		S58476
A0867880	.72	.72	S58476
A0867881	.03		S58476
A0867882	.03		S58476
A0867883	<.03		S58476
A0867884	<.03		S58476
A0867885	<.03	<.03	S58476
A0867886	<.03		S58476
A0867887	<.03		S58476
A0867888	<.03		S58476
A0867889	<.03		S58476
A0867890	.75	.75	S58476
A0867891	<.03		S58476
A0867892	<.03		S58476
A0867893	<.03		S58476

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REPORT No.
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SAMPLE(S) OF

108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867894	<.03		S58476
A0867895	.29	.27	S58476
A0867896	1.73		S58476
A0867897	<.03		S58476
A0867898	.24		S58476
A0867899	<.03		S58476
A0867900	<.03	<.03	S58476
A0867901	<.03		S58476
A0867902	<.03		S58476
A0867903	<.03		S58476
A0867904	<.03		S58476
A0867905	<.03	<.03	S58476
A0867906	<.03		S58476
A0867907	<.03		S58476
A0867908	<.03		S58476
A0867909	<.03		S58476
A0867910	<.03		S58476
A0867911	.05		S58476
A0867912	1.34		S58476
A0867913	.51		S58476

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Oct 16/20

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REPORT No.
S58476

SAMPLE(S) OF

108 Core/0 Pulp

INVOICE #:78663
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867914	.14		S58476
A0867915	.62		S58476
A0867916	.03		S58476
A0867917	.10		S58476
A0867918	<.03		S58476
A0867919	<.03		S58476
A0867920	<.03		S58476
A0867921	<.03		S58476
GS-7E	7.10		S58476
GS-7E	7.48		S58476
GS-7E	7.13		S58476
GS-7E	6.89		S58476
GS-7E	7.72		S58476
GS-7E	6.93		S58476
GS-7E	7.24		S58476

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Oct 16/20

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TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58437
Geologist:	T. Fiolleau	Date Received:	Sep 23, 2020
Project:	Doc Project	Date Reported:	Oct 15, 2020
Purchase Order:	Hanstone2	Invoice:	78631

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867634	4.2	1.88	0.7	1181.3	<20	75	<0.1	6.71	1.3	39.4	40	144.3	7.17	6	0.01	0.23	4	2.08	2431	9.7	0.006	27.6	0.129
AO867634 Re	4.5	1.89	0.8	1279.1	<20	73	<0.1	6.75	1.3	36.9	38	143.9	7.21	5	<0.01	0.23	4	2.12	2433	10.2	0.006	24.8	0.139
AO867635	21.3	0.99	0.8	6414.8	<20	68	0.3	6.06	2.3	45.9	57	50.3	8.57	2	0.02	0.35	3	1.73	4206	92.6	0.008	26.4	0.121
AO867636	>100.0	0.63	1.5	57046.9	<20	13	0.8	1.75	2.5	60.5	76	75.4	24.02	2	0.06	0.25	16	0.76	1292	287.1	0.002	29.8	0.039
AO867637	>100.0	0.43	2.1	53916	<20	7	1.3	1.01	4.3	72.2	86	140.7	21.85	1	0.07	0.24	8	0.49	853	392.7	0.002	30.9	0.032
AO867638	24.8	0.48	1.1	5585.9	<20	36	0.8	1.8	3	45.6	65	80.8	8.66	1	0.02	0.33	3	0.6	1343	197.4	0.015	29.8	0.06
AO867639	44.8	0.78	2	12255.4	<20	87	0.5	2.61	4.9	29.3	54	303	6.99	2	0.02	0.31	3	0.92	2427	100.5	0.025	17.4	0.064
AO867640	36.4	0.93	1.1	12540.3	<20	92	0.4	2.34	3.2	28	46	339.5	6.14	2	0.02	0.31	3	0.89	2247	57.3	0.024	16.3	0.067
AO867641	12.1	1.58	0.9	2700.3	<20	96	<0.1	2.15	2.3	21.8	36	113.5	4.92	5	<0.01	0.26	2	1.31	1797	5.3	0.026	13.5	0.059
AO867642	0.3	2.78	<0.5	18.5	<20	38	<0.1	3.01	0.5	19.6	77	82.8	5.26	8	<0.01	0.12	2	2.19	1081	0.4	0.018	16.6	0.06
AO867643	0.3	2.94	<0.5	16.9	<20	26	<0.1	2.21	0.2	20.6	60	110	5.78	11	<0.01	0.11	2	2.44	994	0.6	0.023	9.8	0.063
AO867644	0.3	2.61	<0.5	11.2	<20	22	<0.1	3.06	0.4	19.9	38	111.2	5.15	10	<0.01	0.09	2	2.12	1050	0.3	0.02	11.3	0.05
AO867645	0.5	1.78	1	23.8	<20	28	<0.1	0.6	0.2	15.7	53	188.4	3.95	8	<0.01	0.15	2	1.28	661	0.4	0.039	10.6	0.072
AO867646	8.7	2.36	<0.5	41.1	<20	58	2.5	1.82	1.5	18	67	1717.3	4.99	10	<0.01	0.42	2	1.6	1313	1	0.032	11.2	0.071
AO867647	0.3	1.84	0.9	6.4	<20	76	<0.1	0.62	<0.1	15.9	63	98.4	4.01	6	<0.01	0.23	2	1.27	577	0.4	0.056	8.1	0.071
AO867648	0.2	1.49	0.9	2.2	<20	93	<0.1	0.58	<0.1	13.5	92	100.9	3.31	6	<0.01	0.22	2	0.85	467	0.6	0.054	10	0.051
AO867649	0.2	1.24	1	7.7	<20	121	<0.1	0.95	<0.1	12	89	87.7	2.8	5	<0.01	0.27	2	0.67	450	0.8	0.057	8.1	0.059
AO867650	0.2	1.3	2.2	1.9	<20	32	<0.1	1.1	0.3	12.3	79	82.2	3.05	5	<0.01	0.08	2	0.66	553	0.7	0.051	7.7	0.06
AO867651	0.3	1.28	0.7	1.9	<20	318	<0.1	0.3	0.3	13.9	80	73.3	3.37	6	<0.01	0.53	2	0.87	444	0.4	0.06	14.8	0.051
AO867652	0.6	1.44	0.7	22.7	<20	321	<0.1	0.93	0.2	13.2	91	71.2	3.81	7	<0.01	0.53	3	1.1	644	0.5	0.043	22.7	0.054
AO867653	0.4	1.45	0.7	3.4	<20	630	<0.1	0.74	<0.1	12.8	88	100.9	3.56	7	<0.01	0.85	3	0.93	556	0.6	0.049	19	0.053
AO867654	0.3	1.27	2.6	9.9	<20	703	<0.1	0.47	<0.1	13.8	115	63.2	3.22	6	<0.01	0.67	3	0.88	425	1	0.048	36.5	0.055
AO867655	0.2	1.04	2.8	6.9	<20	537	<0.1	0.47	<0.1	7.4	110	37.6	2.46	5	<0.01	0.54	5	0.7	384	1.2	0.048	27.2	0.053
AO867656	0.2	1.2	1.7	3.8	<20	636	<0.1	0.46	<0.1	7.6	128	29.4	2.6	6	<0.01	0.63	4	0.8	415	0.7	0.037	25.9	0.036
AO867657	0.8	1.1	0.9	92.3	<20	522	<0.1	2.21	0.5	7.7	128	70.2	2.27	5	<0.01	0.41	3	0.72	655	2.2	0.03	17.3	0.063
AO867658	0.3	1.34	1.6	33.9	<20	603	<0.1	1.73	<0.1	7.6	122	23.7	2.61	6	<0.01	0.51	3	0.82	570	1	0.025	25.5	0.051
AO867659	0.3	1.54	1.9	6	<20	719	<0.1	0.64	0.3	9.9	103	24.1	3.22	7	<0.01	0.83	4	1.04	569	1	0.036	32.5	0.053
AO867660	0.3	1.21	1.1	5.8	<20	649	<0.1	1.27	0.1	6.8	126	26	2.64	4	<0.01	0.43	4	0.84	592	0.8	0.027	27.3	0.043
AO867661	2.4	0.79	1.3	636	<20	659	<0.1	0.26	1	7.4	237	22.8	1.75	2	<0.01	0.22	21	0.28	651	3.1	0.023	18.8	0.029
AO867662	4.2	0.4	1.7	1225.8	<20	258	0.1	0.31	0.3	8.3	201	19.2	1.96	1	<0.01	0.18	5	0.19	433	3.1	0.023	19.1	0.023
AO867663	9.6	0.63	0.7	2718.9	<20	122	0.2	1.07	0.6	12.2	120	43.3	3.19	2	<0.01	0.41	7	0.4	758	22.6	0.024	24	0.061
AO867664	5.8	0.72	0.9	1582.2	<20	1168	0.3	0.11	0.2	8.6	121	61.5	2.43	2	<0.01	0.44	12	0.43	388	3.8	0.022	18.6	0.032
AO867665	1.1	1.09	1	234	<20	599	0.1	0.34	0.3	9	135	48.3	2.57	4	0.01	0.47	9	0.68	421	0.8	0.031	27.4	0.045
AO867666	0.7	1.2	0.7	8.5	<20	333	0.1	0.33	0.1	7.3	134	22.6	2.43	5	<0.01	0.49	6	0.78	370	0.4	0.021	18.5	0.035
AO867667	0.5	1.3	0.6	7.9	<20	311	<0.1	0.25	<0.1	6.5	108	21.2	2.39	5	<0.01	0.37	4	0.8	356	0.3	0.027	19.1	0.031

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
AO867668	0.2	1.21	0.7	9.2	<20	1096	<0.1	0.25	0.1	7.8	129	37.8	2.47	6	<0.01	0.44	7	0.8	381	0.5	0.034	23.9	0.048
AO867669	0.3	1.27	0.9	7.7	<20	548	<0.1	0.36	0.1	9.4	116	35.6	2.78	6	<0.01	0.64	10	0.83	377	0.4	0.034	32.6	0.047
AO867670	0.1	1.06	0.8	3.3	<20	283	<0.1	0.16	<0.1	8.2	121	27.2	2.32	5	<0.01	0.49	9	0.7	343	0.3	0.034	23.6	0.022
AO867670 Re	0.2	1.04	0.7	6.4	<20	275	<0.1	0.16	0.2	7.4	107	25.4	2.27	5	<0.01	0.48	9	0.69	335	0.4	0.034	22.9	0.024
AO867671	<0.1	1.16	0.9	4.6	<20	248	<0.1	0.23	0.1	8.4	138	18.5	2.58	5	<0.01	0.37	7	0.75	326	0.3	0.038	25.9	0.046
AO867672	0.3	1.5	2.2	9.4	<20	197	<0.1	1.26	0.2	12.7	96	55.9	3.62	6	<0.01	0.27	5	1.08	802	0.6	0.032	35.8	0.093
AO867673	0.5	1.28	2	112.4	<20	181	<0.1	1.58	0.5	14.2	119	56.2	3.95	6	<0.01	0.34	4	1.14	1033	0.8	0.032	47.4	0.043
AO867674	0.4	1.44	2.9	41.5	<20	206	0.1	1.51	0.3	15.7	82	64	3.95	6	<0.01	0.34	4	1.11	916	0.7	0.033	59.5	0.054
AO867675	0.4	1.72	2.3	5.4	<20	224	0.1	0.84	0.2	16.2	102	69	4.19	8	<0.01	0.33	5	1.25	723	0.6	0.038	70.3	0.052
AO867676	0.2	1.71	0.9	1.8	<20	123	<0.1	1.23	0.1	14.8	89	48.2	4.65	8	<0.01	0.3	4	1.44	817	0.3	0.042	20.3	0.072
AO867677	0.3	2.09	0.9	4	<20	216	<0.1	0.49	0.2	20	63	84.4	5.26	9	<0.01	0.4	4	1.61	985	0.2	0.048	16.2	0.051
AO867678	0.6	1.68	1.1	17.5	<20	873	<0.1	1.41	0.4	19.1	68	86.7	5.08	8	<0.01	0.76	2	1.62	1161	1.2	0.037	15.3	0.06
AO867679	0.3	1.68	0.6	2.6	<20	197	<0.1	0.93	0.2	14.5	42	118.1	3.98	8	<0.01	0.38	2	1.28	786	0.6	0.056	8.2	0.068
AO867680	0.3	1.69	1.1	1	<20	132	<0.1	1.77	<0.1	11.8	83	44.1	3.47	6	<0.01	0.27	2	1.38	575	1.6	0.043	14.5	0.052
AO867681	0.9	1.86	0.9	134.5	<20	178	<0.1	2.16	1.4	15.4	104	62.5	4.22	7	<0.01	0.37	2	1.52	862	0.6	0.027	18.2	0.056
AO867682	0.4	1.97	1.1	3.6	<20	590	<0.1	1.03	<0.1	16	108	72.2	4.06	7	<0.01	0.83	2	1.28	599	0.4	0.042	16.1	0.057
AO867683	0.4	2.79	0.8	6.3	<20	122	<0.1	1.93	0.2	24.2	53	96.3	6.16	12	<0.01	0.24	3	2.39	1075	1.3	0.042	13	0.076
AO867684	0.5	1.95	1.5	17.2	<20	70	<0.1	0.81	0.3	16.6	64	83.2	4.64	7	<0.01	0.09	4	1.37	668	0.4	0.053	11.1	0.078
AO867685	0.3	2.1	1.6	4.3	<20	60	<0.1	1.04	0.3	16.3	51	69	4.87	8	<0.01	0.09	4	1.53	737	0.4	0.046	13.1	0.075
AO867686	0.7	1.94	7.6	16.6	<20	109	<0.1	1.74	4.5	19	72	88.6	5.37	8	<0.01	0.25	3	1.22	1071	0.7	0.05	13.4	0.07
AO867687	0.4	2.25	2.8	2.8	<20	154	<0.1	1.38	0.2	18.5	58	96.1	5.15	9	<0.01	0.38	3	1.64	972	0.6	0.048	11.3	0.073
AO867688	0.9	2.07	1.4	77.1	<20	84	0.3	1.33	0.3	19.5	86	130.8	4.71	7	<0.01	0.21	3	1.41	911	0.8	0.038	11.8	0.067
AO867689	0.2	1.79	0.9	2.4	<20	49	<0.1	1.1	<0.1	14.1	62	54.7	4.19	7	<0.01	0.14	2	1.32	732	0.9	0.04	11.3	0.034
AO867690	0.8	1.55	0.9	69.2	<20	74	<0.1	1.26	0.2	13.6	69	181.9	3.76	5	<0.01	0.26	2	1.09	775	0.7	0.045	9.8	0.041
AO867691	0.6	0.95	0.9	48	<20	106	<0.1	1.56	0.3	9.1	62	170.7	2.71	4	<0.01	0.33	3	0.78	913	1.4	0.038	7.1	0.047
AO867692	1.3	1.81	<0.5	223.1	<20	131	0.2	1.85	0.9	17.4	61	208.4	4.42	6	<0.01	0.48	2	1.33	1096	0.8	0.032	11.5	0.073
AO867693	0.4	1.89	<0.5	34.7	<20	78	<0.1	1.72	0.2	18.3	65	93.1	4.28	7	<0.01	0.21	2	1.3	828	0.6	0.04	10.6	0.05
AO867694	0.5	2.3	0.6	69	<20	251	<0.1	0.71	0.3	18.7	56	131.3	5.38	9	<0.01	0.57	2	1.7	928	0.5	0.046	12.6	0.058
AO867695	1.5	1.88	1.1	120.8	<20	165	<0.1	0.42	0.8	20.7	59	148.6	5.42	7	<0.01	0.34	4	1.35	1184	1.5	0.034	12.5	0.058
AO867696	30	0.83	8.2	9433.3	<20	274	0.5	0.19	3.7	39.9	118	174.4	7.99	4	<0.01	0.34	5	0.42	2089	24.9	0.021	17.3	0.069
AO867697	1.8	0.79	1.3	533.6	<20	468	<0.1	1.09	1.3	18.8	70	61.6	3.5	3	<0.01	0.56	2	0.92	2584	1.3	0.038	11.4	0.047
AO867698	2.1	0.98	1.2	396.8	<20	464	<0.1	0.38	1.2	19.3	49	120.3	3.58	3	<0.01	0.76	4	0.76	1588	1.5	0.036	12.7	0.051
AO867699	4.5	0.86	1.4	567.7	<20	530	<0.1	1.14	3.2	23.7	51	241.2	4.77	3	<0.01	0.62	4	0.77	1969	6.3	0.028	14.2	0.089
AO867700	4.1	0.86	1.4	482.1	<20	480	<0.1	1.63	2.8	25.4	56	250.1	4.77	3	<0.01	0.6	4	0.8	2067	4.4	0.027	14	0.089
AO867701	1	1.36	1.1	72.5	<20	336	<0.1	1.14	2.9	32.5	61	319.4	5.21	4	<0.01	0.6	5	1.04	2926	1.7	0.032	17.1	0.102

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS
Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
AO867702	1	1.56	1.9	172.1	<20	307	<0.1	0.63	1.7	25.2	60	154.8	4.52	5	<0.01	0.56	5	1.16	2039	2.3	0.035	15	0.097
AO867703	3.1	1.41	2.3	780.1	<20	492	0.1	0.4	3.3	20.9	49	112.6	3.94	4	<0.01	0.44	3	0.78	2652	7	0.041	12.1	0.06
AO867704	1	0.87	1.8	246.8	<20	430	<0.1	0.27	2.6	14.5	45	61.7	2.87	2	<0.01	0.34	4	0.36	1976	2.7	0.031	9.5	0.062
AO867705	7.4	0.63	2.1	1366.6	<20	598	0.2	0.24	3.4	20.1	93	114	3.46	1	0.01	0.22	4	0.15	768	5.1	0.01	9.4	0.044
AO867706	10	0.53	0.7	2879.6	<20	262	<0.1	1.59	0.8	19.9	110	88.5	3.23	1	0.01	0.37	1	0.46	1520	2	0.009	12.1	0.044
AO867706 Re	9.1	0.55	0.6	2673.2	<20	244	<0.1	1.6	0.9	20.7	116	85.8	3.22	1	<0.01	0.38	2	0.45	1492	2	0.011	11.6	0.043
AO867707	3.2	0.97	<0.5	693.9	<20	177	<0.1	2.62	1.1	17	80	367.5	3.22	2	<0.01	0.52	1	0.82	1891	0.9	0.02	9.4	0.05
AO867708	9.2	0.71	0.7	841	<20	204	<0.1	2.3	6.2	15.7	62	1413	3.21	2	<0.01	0.46	1	1.1	1982	1.5	0.031	10.2	0.05
AO867709	>100.0	0.26	<0.5	·100000.0	<20	36	0.6	0.52	5.5	25.7	244	347.1	6.98	<1	0.23	0.07	3	0.13	342	13.2	0.004	17.4	0.018
AO867710	>100.0	0.62	1	·100000.0	<20	46	2.9	0.21	25.4	24.3	273	1403	6.38	<1	0.27	0.2	7	0.19	192	30.6	0.002	16.5	0.023
AO867711	>100.0	0.5	0.8	57800.9	<20	68	0.6	0.29	17.4	21.4	230	705.7	5	<1	0.06	0.22	5	0.19	446	17.7	0.008	16.1	0.026
AO867712	1.4	1.24	1.9	192.4	<20	190	<0.1	0.97	38.2	23	42	308.9	4.23	4	<0.01	0.36	6	0.67	1928	1.2	0.025	11.1	0.074
AO867713	0.6	1.49	1.2	120.2	<20	81	<0.1	1.3	4.6	18.5	43	78.6	4.24	5	<0.01	0.19	4	0.89	1024	0.7	0.025	10.4	0.064
STD OREAS262	0.5	1.23	38	69.1	<20	258	1.1	2.93	0.7	27.5	41	117.7	3.32	4	0.18	0.3	16	1.21	537	0.6	0.072	67.8	0.038
STD DS11	1.8	1.11	43	68.4	<20	437	12.3	1.02	2.3	12.8	59	137.9	3.06	5	0.31	0.39	18	0.83	1009	15.4	0.069	80.2	0.065
STD OREAS262	0.5	1.31	37.5	71	<20	263	1.1	2.98	0.7	27.6	42	114.5	3.2	4	0.19	0.3	17	1.18	545	0.7	0.066	65.7	0.04
STD DS11	1.7	1.15	42	67.1	<20	418	13	1.06	2.5	14.1	58	150.5	3.1	5	0.27	0.4	18	0.85	1017	14.4	0.074	78.1	0.072
STD OREAS262	0.5	1.3	35.7	62.8	<20	253	1	2.91	0.6	27.5	44	117.5	3.26	4	0.16	0.32	18	1.22	527	0.6	0.07	66.8	0.04
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AO867634	25.6	1.99	0.4	6.7	<0.5	256	2.4	0.4	0.018	<0.1	0.3	90	0.5	158
AO867634 Re	26	2.03	0.4	7.1	0.6	250	2.6	0.3	0.018	0.1	0.3	88	0.5	145
AO867635	168.5	6.81	0.7	7.7	<0.5	321	15.9	0.2	0.01	0.2	0.2	28	1.2	136
AO867636	586.9	>10.00	1	2	1.8	103	158.5	0.5	0.007	0.2	<0.1	16	3.3	104
AO867637	894.5	>10.00	2	1.6	1.3	54	154.3	0.2	0.005	0.2	<0.1	13	0.9	109
AO867638	435.6	8.55	1.2	3.7	0.6	113	21.1	0.2	0.006	0.2	0.7	16	1.1	87
AO867639	1099.1	5.78	0.7	7	0.5	115	32.7	0.2	0.005	0.2	1.2	21	1	141
AO867640	1126.7	5.01	0.5	6.7	0.7	93	26.7	0.2	0.007	0.2	1.3	24	1.1	117
AO867641	68.4	1.13	0.3	8.7	<0.5	71	6.2	0.3	0.025	0.1	0.2	64	1.2	146
AO867642	8.5	0.06	<0.1	9.1	<0.5	61	<0.2	0.3	0.062	<0.1	<0.1	137	<0.1	115
AO867643	7	<0.05	0.1	13.6	<0.5	32	<0.2	0.2	0.118	<0.1	<0.1	185	<0.1	104
AO867644	32.6	0.14	<0.1	9.7	<0.5	69	<0.2	0.3	0.048	<0.1	<0.1	132	0.1	117
AO867645	4.4	<0.05	0.1	11.3	<0.5	8	<0.2	0.3	0.139	<0.1	<0.1	139	0.3	78
AO867646	14.7	0.18	0.2	20.4	1.7	30	0.2	0.3	0.136	0.2	0.1	221	0.4	123
AO867647	2.3	<0.05	<0.1	8.9	<0.5	11	<0.2	0.3	0.193	0.1	<0.1	159	0.2	72
AO867648	2.4	<0.05	0.1	6.9	<0.5	14	<0.2	0.3	0.194	<0.1	0.1	108	0.1	64
AO867649	2.3	<0.05	<0.1	6.1	<0.5	15	<0.2	0.4	0.198	<0.1	0.2	86	0.2	54
AO867650	5.9	<0.05	0.2	6.6	<0.5	21	<0.2	0.3	0.136	<0.1	0.2	92	0.2	60
AO867651	1.1	<0.05	0.1	6.7	<0.5	4	<0.2	0.4	0.147	<0.1	0.1	143	0.1	200
AO867652	8.8	0.21	0.2	12.1	<0.5	15	0.3	0.5	0.141	0.1	0.1	142	0.4	140
AO867653	3.3	0.14	0.1	8.2	0.5	6	<0.2	0.4	0.244	<0.1	0.1	143	0.2	91
AO867654	3.2	0.23	0.1	7.5	1	11	<0.2	0.4	0.191	<0.1	0.1	138	0.2	94
AO867655	2.5	0.16	0.2	8.8	1	4	<0.2	0.7	0.15	0.1	0.1	80	0.2	72
AO867656	2	0.16	0.1	9.1	<0.5	4	<0.2	1	0.183	0.2	0.2	77	0.2	62
AO867657	95.3	0.31	0.2	6.8	<0.5	22	0.4	0.9	0.121	0.2	0.2	55	0.3	71
AO867658	6.1	0.16	0.1	8.7	0.6	15	<0.2	0.8	0.146	0.1	0.2	69	0.2	67
AO867659	10.6	0.3	<0.1	9.4	0.7	13	<0.2	0.8	0.187	0.2	0.2	84	0.2	101
AO867660	16.3	0.24	0.1	4.7	0.9	27	<0.2	0.6	0.103	0.1	0.2	54	0.1	76
AO867661	42.9	<0.05	0.3	3.6	<0.5	14	1.7	0.8	0.005	<0.1	0.4	14	0.5	37
AO867662	15.3	1.09	0.2	2.1	<0.5	23	2.7	0.4	0.005	<0.1	0.1	10	0.5	22
AO867663	17.3	2.2	0.3	3.2	0.6	33	6.9	0.5	0.022	0.2	0.3	20	0.7	42
AO867664	22.1	0.48	0.2	3.6	<0.5	21	3.8	0.8	0.029	0.2	0.3	22	0.9	39
AO867665	60.4	0.07	0.4	4.1	<0.5	9	0.6	1.1	0.086	0.2	0.2	43	2.5	73
AO867666	13.3	<0.05	0.2	5.5	<0.5	4	<0.2	1	0.123	0.2	0.1	52	0.8	64
AO867667	6.5	<0.05	<0.1	5.1	<0.5	3	<0.2	0.7	0.112	<0.1	0.1	59	1	55

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867668	4.1	<0.05	<0.1	8.4	<0.5	6	<0.2	1.6	0.118	0.2	0.2	64	0.4	64
AO867669	3.8	<0.05	0.1	8.8	<0.5	11	<0.2	1.2	0.136	0.2	0.2	75	0.5	65
AO867670	3.3	<0.05	0.1	7.3	<0.5	3	<0.2	1	0.115	0.2	0.1	61	0.3	51
AO867670 Re	3.2	<0.05	0.1	6.5	<0.5	3	<0.2	1	0.105	0.2	0.1	59	0.3	48
AO867671	2.9	<0.05	0.1	8.7	<0.5	3	<0.2	1.2	0.102	0.1	0.1	76	0.3	46
AO867672	3.5	0.22	0.1	8.5	<0.5	23	<0.2	0.5	0.072	<0.1	0.1	99	0.4	108
AO867673	21.8	0.61	0.1	9	1.3	51	0.3	0.4	0.074	0.1	0.1	97	0.6	104
AO867674	7.3	0.55	0.1	9.5	1	32	0.2	0.5	0.083	<0.1	0.1	111	0.7	119
AO867675	11.9	0.34	<0.1	13.3	1.6	14	<0.2	0.5	0.101	<0.1	0.1	158	0.2	145
AO867676	2.5	0.07	<0.1	18.2	<0.5	15	<0.2	0.5	0.086	0.1	0.1	185	0.2	109
AO867677	1.8	<0.05	<0.1	19.8	<0.5	5	<0.2	0.4	0.109	0.1	<0.1	191	0.3	121
AO867678	48.1	0.84	0.2	16.8	0.7	45	0.3	0.5	0.175	0.2	0.2	168	0.4	162
AO867679	1	0.17	0.2	8.7	<0.5	6	<0.2	0.3	0.15	<0.1	<0.1	128	<0.1	133
AO867680	5.4	0.11	<0.1	8.9	<0.5	30	<0.2	0.3	0.11	<0.1	<0.1	104	<0.1	74
AO867681	19.9	0.43	0.2	11.8	<0.5	52	0.4	0.3	0.098	<0.1	<0.1	114	0.3	111
AO867682	2.2	0.17	<0.1	10.4	<0.5	11	<0.2	0.4	0.25	<0.1	<0.1	151	0.1	70
AO867683	9.2	0.28	0.2	22.2	<0.5	38	<0.2	0.6	0.095	<0.1	<0.1	234	<0.1	123
AO867684	9.9	0.17	0.2	14.7	<0.5	12	<0.2	0.7	0.045	<0.1	0.1	128	0.2	77
AO867685	8.5	0.22	0.2	15.7	<0.5	17	<0.2	0.6	0.051	<0.1	0.1	143	0.1	93
AO867686	133.4	0.2	0.4	15.3	<0.5	29	0.2	0.4	0.057	<0.1	0.2	139	0.3	182
AO867687	4.9	0.2	0.2	18.1	<0.5	23	<0.2	0.5	0.107	0.1	<0.1	172	<0.1	98
AO867688	20.4	0.34	0.3	8.8	<0.5	24	0.4	0.4	0.045	<0.1	0.1	94	0.2	101
AO867689	1.5	0.29	0.2	10.1	<0.5	27	<0.2	0.4	0.049	<0.1	<0.1	86	<0.1	85
AO867690	3.8	0.34	0.2	7.3	<0.5	34	0.3	0.4	0.05	<0.1	<0.1	70	0.2	78
AO867691	16.8	0.53	0.3	4.4	<0.5	53	<0.2	0.7	0.045	0.1	0.1	34	0.6	63
AO867692	56.5	0.53	0.3	7.9	<0.5	63	0.5	0.5	0.076	0.2	0.1	91	2.7	117
AO867693	3.6	0.4	0.2	10.1	<0.5	40	<0.2	0.4	0.09	<0.1	<0.1	106	0.6	87
AO867694	4.8	0.09	0.1	17	<0.5	10	<0.2	0.4	0.143	0.1	<0.1	172	1	111
AO867695	84.8	0.08	0.2	10.3	<0.5	8	0.4	0.6	0.071	0.2	0.2	114	1.4	121
AO867696	134.2	0.48	1.4	4.2	<0.5	14	21.7	0.4	0.019	0.1	1.6	104	10.4	130
AO867697	11.3	1.25	0.5	7.1	<0.5	52	1.4	0.3	0.048	0.4	0.3	25	2.3	121
AO867698	67	0.25	0.6	7.2	<0.5	12	1.4	0.4	0.069	0.6	0.4	46	1.4	147
AO867699	701	0.4	0.7	9.7	<0.5	22	2.6	0.4	0.066	0.4	0.6	78	2.3	266
AO867700	603.6	0.3	0.7	8.4	<0.5	23	2.6	0.4	0.063	0.4	0.5	78	1.7	222
AO867701	22.3	0.11	0.4	9.2	<0.5	17	0.2	0.6	0.06	0.5	0.4	97	2.3	212

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58437
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AO867702	12.9	0.08	0.4	9.6	<0.5	15	0.4	0.5	0.052	0.4	0.4	80	2	232
AO867703	92.8	0.58	0.4	9.2	<0.5	16	1.8	0.3	0.04	0.3	0.4	54	4.7	275
AO867704	9.7	0.21	0.5	5.3	<0.5	14	0.8	0.4	0.026	0.2	0.4	30	2.9	157
AO867705	132.3	0.38	0.5	2.6	<0.5	15	3.1	0.3	0.003	<0.1	0.7	15	1.4	151
AO867706	18	2.49	0.3	3.3	<0.5	49	6.6	0.3	0.007	0.1	0.2	14	2.7	52
AO867706 Re	16.7	2.44	0.3	3.2	<0.5	50	6.1	0.2	0.007	0.2	0.2	14	2.5	53
AO867707	37.8	1.49	0.4	5.1	<0.5	51	1.8	0.2	0.028	0.3	0.2	27	1.3	86
AO867708	704.6	1.58	0.4	7.1	<0.5	73	3.9	0.2	0.038	0.4	0.4	35	1	256
AO867709	575	6.9	0.4	2.2	<0.5	20	436.8	0.7	<0.001	<0.1	0.3	3	0.2	197
AO867710	>10000.0	6.19	1.3	2.5	1.5	18	365.5	0.4	0.002	<0.1	1	7	0.8	1075
AO867711	4143.9	4.21	0.8	2.8	0.9	16	170.1	0.2	0.002	<0.1	0.3	7	1.4	1057
AO867712	95.1	0.1	0.3	7.2	<0.5	15	0.6	0.9	0.058	0.3	0.2	62	1.5	1640
AO867713	25.9	0.15	0.2	4.4	<0.5	15	0.2	0.8	0.039	<0.1	0.1	50	0.3	362
STD OREAS262	58.9	0.26	3.7	3.5	0.6	36	0.3	9.6	0.003	0.4	1.2	22	0.1	164
STD DS11	136.4	0.27	8.1	3.3	2.1	64	4.8	8.3	0.093	5	2.7	49	2.5	364
STD OREAS262	58.2	0.26	3.5	3.4	0.5	37	<0.2	9.7	0.003	0.5	1.3	21	0.1	156
STD DS11	144.2	0.28	7.5	3.3	2	67	4.9	8.6	0.098	5	2.9	50	2.7	337
STD OREAS262	57.8	0.26	3.5	3.3	<0.5	34	0.3	10.1	0.004	0.5	1.3	22	0.1	152
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Hanstone Gold Corp
Geologist: T. Fiolleau
Project: Doc Project
Purchase Order: Hanstone2

TSL Report: S58437
Date Received: Sep 23, 2020
Date Reported: Sep 30, 2020
Invoice: 78631

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58437

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78631
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867634	1.30		S58437
A0867635	6.31		S58437
A0867636	53.02	52.19	S58437
A0867637	49.79	47.67	S58437
A0867638	6.48		S58437
A0867639	11.42	11.21	S58437
A0867640	8.98		S58437
A0867641	2.71		S58437
A0867642	.03		S58437
A0867643	.05	.03	S58437
A0867644	<.03		S58437
A0867645	<.03		S58437
A0867646	.17		S58437
A0867647	<.03		S58437
A0867648	<.03	<.03	S58437
A0867649	<.03		S58437
A0867650	<.03		S58437
A0867651	<.03		S58437
A0867652	<.03		S58437
A0867653	<.03		S58437

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 30/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58437

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78631
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867654	<.03		S58437
A0867655	.03		S58437
A0867656	<.03		S58437
A0867657	.12		S58437
A0867658	.03	.05	S58437
A0867659	<.03		S58437
A0867660	<.03		S58437
A0867661	.60		S58437
A0867662	1.11		S58437
A0867663	2.81	2.74	S58437
A0867664	1.73		S58437
A0867665	.24		S58437
A0867666	<.03		S58437
A0867667	<.03		S58437
A0867668	<.03	<.03	S58437
A0867669	<.03		S58437
A0867670	<.03		S58437
A0867671	<.03		S58437
A0867672	<.03		S58437
A0867673	.15		S58437

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 30/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58437

SAMPLE(S) OF
80 Core/0 Pulp

INVOICE #:78631
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867674	.03		S58437
A0867675	<.03		S58437
A0867676	<.03		S58437
A0867677	<.03		S58437
A0867678	<.03	<.03	S58437
A0867679	<.03		S58437
A0867680	<.03		S58437
A0867681	.15		S58437
A0867682	<.03		S58437
A0867683	<.03	<.03	S58437
A0867684	.05		S58437
A0867685	<.03		S58437
A0867686	<.03		S58437
A0867687	<.03		S58437
A0867688	.14	.12	S58437
A0867689	<.03		S58437
A0867690	.09		S58437
A0867691	.05		S58437
A0867692	.26		S58437
A0867693	.03		S58437

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INVOICE #:78631
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867694	.05		S58437
A0867695	.15		S58437
A0867696	8.74	8.20	S58437
A0867697	.55		S58437
A0867698	.39	.39	S58437
A0867699	.55		S58437
A0867700	.51		S58437
A0867701	.07		S58437
A0867702	.19		S58437
A0867703	.84	.86	S58437
A0867704	.24		S58437
A0867705	1.37		S58437
A0867706	2.67		S58437
A0867707	.77		S58437
A0867708	.96	.94	S58437
A0867709	157.0	157.8	S58437
A0867710	103.6	104.2	S58437
A0867711	52.98	53.74	S58437
A0867712	.19		S58437
A0867713	.07		S58437

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Hanstone Gold Corp
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REPORT No.
S58437

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78631
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.78		S58437
GS-7E	7.82		S58437
GS-7E	7.54		S58437
GS-7E	7.75		S58437
GS-7E	7.00		S58437
GS-7E	7.78		S58437

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58436
Geologist:	T. Fiolleau	Date Received:	Sep 23, 2020
Project:	Doc Project	Date Reported:	Oct 15, 2020
Purchase Order:	Hanstone2	Invoice:	78626

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867554	0.1	1.63	0.5	2	<20	156	<0.1	1.99	<0.1	15.3	105	58.9	4.53	8	<0.01	0.21	4	1.36	843	1.3	0.105	10	0.069
AO867555	<0.1	1.46	0.6	<0.5	<20	94	<0.1	1.52	<0.1	14.1	83	58.8	4.1	8	<0.01	0.23	3	1.26	667	0.6	0.07	10	0.048
AO867556	0.3	3.32	0.9	1.1	<20	34	<0.1	2.81	<0.1	28	115	137.8	7.09	13	<0.01	0.11	3	2.57	1163	1.4	0.052	22.7	0.096
AO867557	0.3	3.82	0.9	3	<20	50	<0.1	4.81	<0.1	31.5	91	130.6	7.68	14	<0.01	0.26	3	3	1501	0.5	0.027	25.5	0.106
AO867558	1.1	3.03	0.9	247.8	<20	118	<0.1	3.15	0.1	22.4	48	100.4	6.13	12	<0.01	0.67	3	1.99	1072	0.4	0.037	10	0.092
AO867559	0.6	2.89	0.6	9.4	<20	117	<0.1	3.49	0.2	22.9	60	241	6.01	10	<0.01	0.61	2	1.97	1151	0.7	0.051	9.8	0.096
AO867560	0.7	2.76	<0.5	21.7	<20	77	<0.1	4.26	0.1	22.6	48	237.2	6.3	11	<0.01	0.28	3	1.91	1183	0.8	0.053	6.9	0.088
AO867561	0.4	2.61	1	24.6	<20	78	<0.1	3.41	<0.1	22	42	95.4	6	11	<0.01	0.29	3	1.78	987	0.8	0.052	7.7	0.091
AO867562	1.6	3.1	1.6	354	<20	140	<0.1	3.54	0.3	23	38	91.6	6.03	12	<0.01	0.37	4	2.1	1092	0.9	0.04	9.9	0.093
AO867563	0.2	3.06	1.1	3.7	<20	121	<0.1	3.24	0.1	22.6	34	87.7	6.17	12	<0.01	0.4	3	2.12	1144	0.7	0.045	10.4	0.092
AO867564	0.2	1.28	1.2	7.6	<20	18	0.7	10.03	0.1	13.6	117	55.7	3.07	4	<0.01	0.14	8	1.14	732	1.4	0.027	30.7	0.06
AO867565	0.3	1.56	5.7	11.7	<20	141	1	6.76	0.3	23.6	79	62.2	4.2	4	<0.01	0.12	5	1.68	719	1.6	0.005	45	0.048
AO867566	0.2	1.87	3.2	2.8	<20	152	0.3	8.62	0.1	14.4	88	21.4	3.98	5	<0.01	0.15	9	1.86	1327	0.9	0.003	41.9	0.072
AO867567	0.1	0.36	4.3	4.1	<20	300	0.1	22.67	0.1	5	61	20.9	1.27	<1	<0.01	0.09	5	0.33	1031	1.4	<0.001	13.6	0.017
AO867567 Re	0.1	0.36	4.1	8.7	<20	289	0.1	22.96	0.2	4.7	59	21	1.26	1	<0.01	0.1	5	0.33	1046	1.3	<0.001	13.2	0.018
AO867568	<0.1	0.09	3.8	1.6	<20	166	<0.1	34.52	0.1	2.3	6	29.2	0.38	<1	<0.01	0.01	5	0.15	1056	0.3	<0.001	3.8	0.012
AO867569	0.7	2.44	5.4	3.2	<20	54	0.1	0.72	1.2	22.5	122	124.2	5.9	11	<0.01	0.16	5	1.69	1009	0.8	0.08	14.4	0.054
AO867570	0.3	1.75	2.7	3.4	<20	344	<0.1	0.43	0.3	15.3	85	67.9	4.22	7	<0.01	0.62	4	1.16	681	0.4	0.068	12.6	0.07
AO867571	0.7	1.96	10	6.4	<20	190	<0.1	0.46	1.3	15.6	67	73	4.7	9	<0.01	0.36	7	1.33	648	0.3	0.057	12.4	0.078
AO867572	1.6	0.94	0.8	874.3	<20	324	<0.1	0.19	0.8	8.2	247	37	2.49	3	<0.01	0.49	11	0.47	408	0.7	0.061	25.8	0.026
AO867573	0.3	1.45	1.3	10.4	<20	492	0.1	0.34	0.4	10.6	156	27.8	3.22	6	<0.01	0.71	9	0.94	430	0.3	0.05	32.6	0.064
AO867574	0.3	1.65	0.9	34.4	<20	734	0.3	0.38	0.8	12.2	167	17.1	3.4	6	<0.01	1.01	8	1.04	510	0.5	0.068	25.9	0.049
AO867575	1.1	0.91	0.8	235.7	<20	340	<0.1	0.38	0.8	8.6	211	33.7	2.75	4	<0.01	0.58	10	0.59	538	0.7	0.054	23.4	0.05
AO867576	0.4	1.26	0.7	88.3	<20	401	<0.1	0.26	0.3	8.7	220	27.5	2.89	5	<0.01	0.54	7	0.83	554	1	0.074	18.4	0.044
AO867577	0.6	1.36	1.1	95.8	<20	370	0.6	0.2	1	12.9	162	50.9	3.71	6	<0.01	0.58	7	1	541	0.7	0.056	19.4	0.045
AO867578	0.4	1.5	1.4	20	<20	353	3.1	0.6	0.6	14.8	192	45.9	3.55	6	<0.01	0.66	4	1.05	610	0.6	0.078	22.3	0.052
AO867579	0.5	1.15	1.1	19.3	<20	423	0.1	1.14	0.6	13.6	109	70.2	3.36	5	<0.01	0.39	3	1.05	903	1.2	0.042	48.2	0.045
AO867580	0.5	1.2	0.8	36.3	<20	251	0.1	2.12	0.4	14.7	131	120.6	3.56	4	<0.01	0.58	4	1.08	1383	0.9	0.044	22.2	0.05
AO867581	1.4	1.57	1.1	336.1	<20	294	0.1	1.69	0.5	18.1	194	111.7	4.03	5	<0.01	0.81	5	1.03	1205	1	0.033	22	0.078
AO867582	1.6	1.11	0.8	408.4	<20	274	<0.1	0.55	1.2	13.5	283	69.4	3.1	3	<0.01	0.56	6	0.53	835	1.1	0.036	20.6	0.057
AO867583	6.7	0.55	0.9	1775.3	<20	312	<0.1	0.41	2.9	9.7	362	83.6	2.56	2	<0.01	0.31	6	0.23	606	1.8	0.033	16.5	0.026
AO867584	11.6	0.76	0.9	2926.5	<20	61	0.1	0.24	1.6	16.6	222	78.9	4.27	2	<0.01	0.47	6	0.24	824	2.8	0.021	21.3	0.042
AO867585	13.2	0.71	1	3222.5	<20	116	0.1	0.09	1.8	22.4	123	105.4	4.79	2	<0.01	0.47	7	0.25	1251	4.7	0.007	17.3	0.044
AO867586	19	1.19	0.9	3274.4	<20	27	0.3	1.75	3.2	27	208	262.6	5.47	3	<0.01	0.87	4	0.84	1454	3.2	0.017	30.8	0.087
AO867587	>100.0	0.34	1.1	64697.4	<20	2685	0.2	0.03	0.6	2.9	218	416	3.63	1	0.11	0.24	8	0.07	130	17.9	0.006	6.2	0.017

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867588	2.1	0.01	0.9	448.8	<20	357	<0.1	0.02	<0.1	1.6	537	28.9	0.74	<1	<0.01	<0.01	<1	0.01	61	3.4	0.005	11.1	0.001
AO867589	1.9	0.01	0.6	284.3	<20	430	<0.1	0.02	<0.1	1.4	225	31.4	0.46	<1	<0.01	<0.01	<1	<0.01	39	5.9	0.002	4.9	<0.001
AO867590	4	0.02	1	494.6	<20	165	<0.1	0.02	<0.1	2.2	463	134.2	1.36	<1	<0.01	<0.01	<1	<0.01	131	5.4	0.004	9.7	0.002
AO867591	76.9	0.24	1.1	18649.2	<20	14	19.9	0.04	0.4	16.5	231	920.9	7.33	<1	0.04	0.17	2	0.03	430	28	0.005	16.6	0.016
AO867592	7.1	0.85	1.5	1615.3	<20	751	0.6	0.15	1.3	18.4	146	401.3	4.25	2	<0.01	0.53	6	0.18	606	4.7	0.005	8.4	0.067
AO867593	0.9	1.18	<0.5	229.7	<20	336	0.1	4.54	1.5	16.9	89	166.5	3.1	3	<0.01	0.71	2	0.74	1966	0.9	0.029	8.6	0.074
AO867594	0.6	1.37	<0.5	73.6	<20	448	0.1	3.32	0.4	17.8	55	142.2	4.33	4	<0.01	1.05	2	1.41	1470	0.7	0.05	9.6	0.064
AO867595	0.4	2.79	<0.5	14.1	<20	67	<0.1	3.12	0.2	25.3	37	105.9	6.06	11	<0.01	0.23	2	2.22	1166	0.2	0.035	11.7	0.062
AO867596	2.9	2.54	7.1	28.9	<20	168	0.5	3.22	0.5	21.5	119	964.6	5.68	8	<0.01	0.86	5	1.48	2521	0.9	0.025	13.3	0.084
AO867597	0.2	1.47	2.5	6.2	<20	682	<0.1	0.43	<0.1	11.5	87	39.2	3.53	7	<0.01	0.74	4	1.06	540	0.5	0.052	30.7	0.076
AO867598	0.2	1.07	1.7	3.2	<20	553	<0.1	0.32	<0.1	7.9	216	37.7	2.45	5	<0.01	0.5	5	0.65	376	2.5	0.094	27.4	0.031
AO867599	4.6	1.14	1.5	653.9	<20	813	<0.1	0.5	0.6	8.8	104	107.9	2.71	5	<0.01	0.58	6	0.8	500	1.9	0.046	24.4	0.052
AO867600	0.8	1.32	1	107.1	<20	794	<0.1	0.64	0.6	8.2	178	50.3	2.78	6	<0.01	0.73	4	0.89	535	1.9	0.069	22.4	0.04
AO867601	0.2	1.05	1.3	<0.5	<20	2304	<0.1	2.88	0.1	7.3	99	26.2	1.9	4	<0.01	0.4	3	0.55	538	0.4	0.036	14.7	0.05
AO867602	0.3	1.22	0.7	5.6	<20	395	<0.1	1.86	0.1	7.5	180	22.6	2.56	5	<0.01	0.55	4	0.79	583	0.6	0.061	16.9	0.043
AO867603	0.2	1.05	0.9	6	<20	421	<0.1	0.72	0.1	8	117	17.4	2.53	5	<0.01	0.59	4	0.78	456	0.2	0.037	27.1	0.037
AO867603 Re	0.2	1.04	0.7	8.8	<20	413	<0.1	0.71	0.2	8	113	16.2	2.54	5	<0.01	0.58	4	0.78	456	0.2	0.036	28	0.038
AO867604	0.1	1.24	<0.5	4.6	<20	558	0.1	0.42	<0.1	7.5	164	13.2	2.92	7	<0.01	0.62	6	0.86	446	0.6	0.093	17.1	0.046
AO867605	1.5	0.83	0.6	422.3	<20	1428	0.1	0.59	0.1	7.3	107	29.4	2.18	4	<0.01	0.43	5	0.66	499	0.4	0.034	16.3	0.044
AO867606	0.1	1.43	0.7	6	<20	767	<0.1	0.3	0.1	8.5	163	25.1	2.85	7	<0.01	0.72	7	0.92	470	0.4	0.08	26.9	0.042
AO867607	0.2	0.87	<0.5	24.6	<20	242	<0.1	0.27	0.1	6.5	140	28.5	2.14	3	<0.01	0.23	6	0.59	435	0.3	0.035	18.6	0.023
AO867608	0.2	1.12	1.1	5.7	<20	326	<0.1	0.63	0.1	8.2	175	37.2	2.57	4	<0.01	0.33	8	0.71	519	0.5	0.069	42	0.047
AO867609	0.5	0.96	0.7	77.2	<20	242	<0.1	0.22	0.2	6.7	225	42.7	2.54	4	<0.01	0.29	8	0.54	461	0.7	0.067	28.3	0.035
AO867610	2.1	0.57	0.6	628.7	<20	425	<0.1	0.75	0.5	7	147	24.2	1.91	2	<0.01	0.34	6	0.28	646	1.4	0.035	19.1	0.037
AO867611	0.3	1.47	0.8	36.4	<20	407	<0.1	0.68	0.1	10.6	133	42.2	3.34	6	<0.01	0.58	7	1.02	677	0.4	0.04	15.2	0.108
AO867612	0.3	1.46	0.8	20.1	<20	365	<0.1	1.02	0.1	12.1	146	44.4	3.63	6	<0.01	0.5	5	1.06	890	0.6	0.068	20	0.054
AO867613	0.6	1.28	1.2	33.1	<20	295	<0.1	1.18	0.9	15.5	126	69.9	3.85	5	<0.01	0.53	4	1.06	976	0.6	0.033	67.8	0.056
AO867614	2	0.83	1	497.7	<20	79	0.1	1.83	0.8	15.8	214	38.1	4.08	3	<0.01	0.53	6	0.81	1451	5	0.071	40.6	0.049
AO867615	0.6	1.53	0.7	25.4	<20	426	<0.1	1.64	1.7	12.9	101	109.3	4.8	7	<0.01	0.88	4	1.4	1301	0.7	0.041	21.5	0.066
AO867616	0.2	1.67	0.8	9.1	<20	245	<0.1	1.78	0.4	12.8	145	37.2	3.94	6	<0.01	0.38	7	1.03	842	0.6	0.063	26.5	0.069
AO867617	0.3	1.81	1	25.8	<20	193	<0.1	2.22	<0.1	17.1	113	81.1	4.33	6	<0.01	0.38	4	1.21	962	0.5	0.035	22	0.104
AO867618	0.3	2.56	1.7	5.5	<20	297	<0.1	1.38	0.5	20.9	105	79.9	5.6	10	<0.01	0.46	8	1.5	953	1.1	0.047	25.3	0.14
AO867619	0.4	1.46	2.6	9.1	<20	339	0.2	1.35	0.5	16.5	204	73.1	3.65	5	<0.01	0.49	9	0.85	798	1.5	0.039	23.9	0.065
AO867620	1.5	1.16	1.4	373.3	<20	245	<0.1	2.78	0.8	20.1	164	64.1	4.8	4	<0.01	0.34	4	1.27	1655	8.4	0.041	20.9	0.149
AO867621	0.5	1.29	1.3	67.9	<20	201	<0.1	1.26	0.3	11.8	102	57.6	3.55	5	<0.01	0.33	4	0.96	753	1.6	0.033	19.1	0.076

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS
Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867622	0.7	1.51	1.8	54.8	<20	353	<0.1	1.38	1.6	20.8	233	128	4.32	4	<0.01	0.56	4	0.85	927	0.7	0.037	25.9	0.051
AO867623	0.9	1.52	1.5	39	<20	259	<0.1	1.4	2.2	16.3	187	147.9	4.31	5	<0.01	0.64	6	0.92	899	0.8	0.031	19.1	0.051
AO867624	0.4	1.81	1.9	7.2	<20	400	<0.1	0.94	0.9	19	125	84	4.05	7	<0.01	0.64	4	1.16	629	0.6	0.066	26.9	0.121
AO867625	0.3	1.35	0.9	5.2	<20	233	<0.1	0.61	<0.1	9.2	94	41.5	3.18	5	<0.01	0.39	4	0.9	463	0.2	0.037	15.9	0.038
AO867626	0.3	1.28	0.8	12.4	<20	186	<0.1	1.26	0.2	11.3	179	52.4	2.84	4	<0.01	0.36	4	0.77	534	0.4	0.06	17.4	0.035
AO867627	0.4	1.84	4.8	8.5	<20	143	0.1	2.85	0.3	17	85	118	5.04	7	<0.01	0.27	3	1.32	2873	1.7	0.036	12.3	0.057
AO867627 Re	0.4	1.84	4.6	6.9	<20	150	0.1	2.86	0.2	16.7	87	115	5.13	6	<0.01	0.28	3	1.32	2858	1.5	0.037	11.8	0.055
AO867628	1.1	2.31	1	41.3	<20	114	0.6	1.47	0.2	17.4	84	124.4	4.98	9	<0.01	0.37	3	1.61	967	0.4	0.074	12.6	0.05
AO867629	0.3	2.43	0.9	2.1	<20	249	<0.1	1.53	<0.1	16.9	60	75.3	4.46	8	<0.01	0.59	2	1.41	758	0.3	0.039	11.1	0.055
AO867630	0.2	2.39	0.8	<0.5	<20	345	<0.1	0.99	0.2	19	132	77	4.87	8	<0.01	0.92	2	1.5	767	0.7	0.066	14.4	0.062
AO867631	0.6	2.75	0.9	113.9	<20	104	<0.1	6.16	0.7	39.3	42	92	6.56	10	<0.01	0.23	3	2.72	2078	0.7	0.011	28	0.156
AO867632	2.1	2.01	1.2	475.8	<20	105	<0.1	8.12	1.7	34.8	58	260.5	5.82	7	<0.01	0.38	4	2.25	3056	0.7	0.02	23.6	0.144
AO867633	0.4	2.47	0.7	14.9	<20	97	<0.1	5.52	0.6	39.3	59	51.1	7.35	7	<0.01	0.26	5	2.13	1967	0.8	0.005	28.6	0.142
STD DS11	1.7	1.17	41.3	53.8	<20	420	11.6	1.07	2.4	14.5	60	147.5	3.18	5	0.24	0.4	19	0.86	1027	14.1	0.076	80.7	0.069
STD OREAS262	0.5	1.33	37.7	75.8	<20	262	1	3	0.7	28.2	44	116.7	3.43	4	0.17	0.33	17	1.24	564	0.6	0.073	66.8	0.041
STD DS11	1.8	1.18	46.2	69	<20	467	12.2	1.08	2.6	13.3	61	153.9	3.21	5	0.26	0.41	20	0.87	1046	14.2	0.073	82.3	0.077
STD OREAS262	0.4	1.18	35.2	52	<20	263	0.9	3.06	0.5	27.4	41	115.7	3.26	4	0.17	0.29	16	1.2	549	0.7	0.067	63	0.042
STD OREAS262	0.5	1.26	38.7	58	<20	257	1.1	3.06	0.7	29.4	45	114.8	3.39	4	0.15	0.32	16	1.21	549	0.7	0.07	68.7	0.036
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:______________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867554	2.3	0.26	<0.1	16.9	<0.5	58	<0.2	1	0.092	<0.1	0.2	137	0.1	71
AO867555	2	0.23	<0.1	15.6	<0.5	31	<0.2	2	0.086	<0.1	3.5	144	<0.1	65
AO867556	4.8	0.25	0.2	24.1	<0.5	30	<0.2	0.9	0.2	<0.1	0.2	230	0.1	134
AO867557	4.8	0.08	0.1	28	<0.5	44	<0.2	0.7	0.163	<0.1	0.2	270	0.2	147
AO867558	46.8	0.08	0.1	20.4	<0.5	38	0.7	0.6	0.192	0.2	0.2	196	0.2	111
AO867559	51.4	0.13	0.2	18.3	<0.5	45	<0.2	0.5	0.243	0.1	0.1	186	0.2	108
AO867560	11.5	0.22	0.2	16.7	<0.5	60	<0.2	0.8	0.169	<0.1	0.2	185	0.1	103
AO867561	7.2	0.27	0.1	15.8	<0.5	51	<0.2	0.8	0.109	<0.1	0.1	163	0.2	102
AO867562	19.2	0.33	0.2	16.8	<0.5	56	1	0.9	0.093	<0.1	0.4	161	0.2	134
AO867563	6.8	0.17	0.2	17.9	<0.5	44	<0.2	0.6	0.188	<0.1	0.1	185	<0.1	123
AO867564	3.5	0.94	0.1	7.3	<0.5	134	<0.2	0.8	0.01	<0.1	0.3	47	<0.1	21
AO867565	3.5	1.02	0.1	7.8	1.1	106	<0.2	0.7	0.002	<0.1	0.3	35	0.1	36
AO867566	2.9	0.21	<0.1	8.4	<0.5	120	<0.2	0.7	<0.001	<0.1	0.3	51	0.1	39
AO867567	1.7	0.21	<0.1	1	2	114	<0.2	0.1	<0.001	<0.1	0.2	10	<0.1	6
AO867567 Re	1.7	0.19	<0.1	1.1	1.3	118	<0.2	0.2	0.001	<0.1	0.2	10	0.2	6
AO867568	0.7	0.08	<0.1	0.4	<0.5	106	<0.2	<0.1	<0.001	<0.1	0.1	3	<0.1	2
AO867569	68.1	0.05	0.5	23.1	<0.5	9	<0.2	0.7	0.092	<0.1	0.1	189	0.3	164
AO867570	4.9	<0.05	0.2	10.5	<0.5	9	<0.2	0.6	0.205	0.2	0.1	116	0.2	99
AO867571	18.7	<0.05	0.3	19.3	<0.5	6	<0.2	1	0.115	0.1	0.1	145	0.2	128
AO867572	12.8	<0.05	0.2	5.4	<0.5	7	0.7	1.2	0.061	0.2	0.3	48	0.7	65
AO867573	4.6	<0.05	0.2	6.8	0.5	4	<0.2	1.4	0.142	0.2	0.2	75	0.5	80
AO867574	7.9	<0.05	0.2	8	<0.5	6	0.2	1.3	0.193	0.3	0.2	79	0.9	85
AO867575	9.1	<0.05	0.2	5.7	<0.5	9	0.6	1.4	0.088	0.3	0.3	47	1.8	69
AO867576	6.3	0.08	0.1	7.2	<0.5	6	0.4	0.8	0.12	0.3	0.2	71	0.5	72
AO867577	27.4	<0.05	0.1	11.4	<0.5	6	0.5	0.7	0.131	0.4	0.2	117	0.5	150
AO867578	7.1	0.2	0.2	11.7	<0.5	11	1.5	0.6	0.159	0.4	0.2	112	0.9	100
AO867579	43.2	0.47	0.2	7.9	0.8	30	0.2	0.4	0.1	0.2	0.1	96	0.3	128
AO867580	6.4	0.41	0.2	6.5	0.8	62	<0.2	0.7	0.071	0.3	0.1	64	1	78
AO867581	9.2	0.63	0.2	8.8	0.9	52	0.8	0.6	0.1	0.3	0.1	78	1.6	85
AO867582	7.9	0.65	0.2	4.8	<0.5	25	1	0.9	0.047	0.2	0.1	35	0.9	75
AO867583	21.2	1.01	0.4	2.9	<0.5	32	4.6	0.7	0.006	0.1	0.1	13	0.9	83
AO867584	36.6	2.65	0.6	5.8	<0.5	20	7.8	0.4	0.008	0.2	0.3	25	3.1	77
AO867585	59.8	1.32	0.6	5.6	0.7	17	8.4	0.5	0.007	0.2	0.5	26	2	125
AO867586	266.4	4.05	0.9	8.9	0.7	88	9.4	0.3	0.038	0.4	0.3	51	5.1	106
AO867587	1883.7	0.12	0.7	1.6	0.9	35	128.7	0.3	0.006	<0.1	0.5	15	7.3	82

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867588	62.1	<0.05	0.2	0.1	<0.5	6	1.2	0.2	<0.001	<0.1	<0.1	2	0.6	5
AO867589	82.5	<0.05	<0.1	0.1	<0.5	6	1.1	<0.1	<0.001	<0.1	<0.1	1	0.9	5
AO867590	334	<0.05	0.2	0.1	<0.5	3	1.6	<0.1	<0.001	<0.1	0.1	1	2.3	13
AO867591	641.4	4.1	0.5	1.6	2.3	21	51	0.3	0.004	<0.1	0.3	14	10.4	43
AO867592	137.5	0.31	0.7	5.5	<0.5	23	4.3	0.4	0.01	0.2	0.5	37	2.9	78
AO867593	13	0.93	0.5	7.8	<0.5	80	0.9	0.3	0.028	0.3	0.3	41	6	77
AO867594	8.6	0.25	0.4	12	<0.5	81	0.2	0.4	0.126	0.5	0.2	79	1.4	93
AO867595	4.1	<0.05	0.1	14.4	<0.5	72	<0.2	0.3	0.062	<0.1	<0.1	183	0.2	117
AO867596	7.5	<0.05	0.7	18.8	<0.5	20	<0.2	0.6	0.117	0.3	0.3	158	1.8	91
AO867597	1.7	<0.05	0.1	14.6	<0.5	4	<0.2	0.5	0.184	0.1	0.1	139	0.2	106
AO867598	7.4	0.12	0.1	9.4	<0.5	5	<0.2	0.9	0.16	0.1	0.1	77	0.2	63
AO867599	180.9	0.21	0.3	9.5	<0.5	8	2.7	0.9	0.152	0.2	0.1	64	0.3	91
AO867600	152.1	0.2	0.2	8.9	<0.5	13	0.4	0.9	0.179	0.2	0.1	73	0.2	114
AO867601	12.8	0.18	<0.1	5	0.9	29	<0.2	0.5	0.144	<0.1	0.1	47	0.4	39
AO867602	102.8	0.12	0.2	8.4	<0.5	20	<0.2	0.8	0.142	0.1	0.1	64	0.5	63
AO867603	5.1	<0.05	0.1	9.4	<0.5	8	<0.2	0.7	0.143	0.2	0.1	75	0.3	82
AO867603 Re	4.9	<0.05	0.1	8.9	<0.5	7	<0.2	0.6	0.137	0.2	0.1	74	0.4	82
AO867604	6.3	0.15	0.1	9.8	<0.5	8	<0.2	1	0.151	0.2	0.1	65	0.2	77
AO867605	6.6	0.35	0.1	6.2	<0.5	22	1	0.9	0.093	0.2	0.2	46	0.4	50
AO867606	3.9	<0.05	0.1	9.3	<0.5	6	<0.2	1.4	0.192	0.2	0.2	70	0.3	76
AO867607	17.6	<0.05	0.1	4.4	<0.5	4	<0.2	1	0.068	<0.1	<0.1	49	0.3	45
AO867608	13.1	0.16	0.2	5.1	0.5	17	<0.2	1.2	0.081	<0.1	0.1	54	0.2	66
AO867609	15.2	0.11	0.2	3.6	<0.5	6	<0.2	0.8	0.058	<0.1	0.2	43	0.2	61
AO867610	9.1	0.71	0.2	4.1	<0.5	31	1.7	1.1	0.024	0.1	0.2	19	0.6	30
AO867611	7.3	<0.05	0.1	9.3	<0.5	10	<0.2	0.9	0.118	0.2	0.2	82	0.4	71
AO867612	7.2	0.21	0.1	9.4	<0.5	18	<0.2	0.4	0.12	0.2	<0.1	111	0.3	79
AO867613	153.7	0.42	0.2	7.3	0.7	31	0.2	0.5	0.106	0.2	0.2	100	0.6	107
AO867614	49.3	1.97	0.3	9.9	1.1	104	1.7	0.4	0.067	0.2	1.3	60	2.9	67
AO867615	70.2	0.31	0.2	15.2	<0.5	67	<0.2	0.6	0.157	0.4	0.1	152	4.7	132
AO867616	9.4	0.08	0.2	8.6	<0.5	16	<0.2	0.7	0.099	0.1	<0.1	105	0.3	73
AO867617	4.3	0.12	0.1	10.8	<0.5	19	<0.2	0.6	0.103	0.2	0.1	137	0.2	63
AO867618	4	0.07	0.2	14.6	<0.5	11	<0.2	0.7	0.104	0.1	0.2	185	0.5	106
AO867619	6.1	0.15	0.2	7.5	<0.5	14	<0.2	0.8	0.102	0.2	0.2	82	0.7	83
AO867620	11.1	1.48	0.3	8.2	0.7	156	0.9	0.3	0.045	0.1	0.3	65	0.7	105
AO867621	19.2	0.38	0.2	8.7	<0.5	29	<0.2	0.4	0.11	0.1	0.2	100	0.8	97

A 0.5 g sample is digested with 3:1 HCl-HNO3
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Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867622	10.9	0.14	0.2	8.1	<0.5	20	0.2	0.4	0.08	0.2	0.3	89	1.1	111
AO867623	145.8	0.1	0.2	8.4	<0.5	19	<0.2	0.5	0.11	0.2	0.2	97	1.4	144
AO867624	11.8	0.07	0.1	10.3	0.7	10	<0.2	0.4	0.18	0.1	0.1	127	0.4	117
AO867625	2.5	<0.05	<0.1	9.2	<0.5	6	<0.2	0.6	0.118	<0.1	<0.1	87	0.5	67
AO867626	5.4	0.05	<0.1	8.1	0.6	14	<0.2	0.4	0.112	<0.1	<0.1	87	0.9	63
AO867627	4.8	0.1	0.6	12.4	<0.5	44	<0.2	0.4	0.056	<0.1	0.2	106	0.9	78
AO867627 Re	4.5	0.11	0.6	12.3	<0.5	45	<0.2	0.4	0.059	<0.1	0.2	106	1	73
AO867628	24.1	0.24	0.1	20.2	<0.5	35	0.3	0.4	0.102	<0.1	<0.1	162	<0.1	101
AO867629	3.4	0.09	<0.1	14.2	<0.5	23	<0.2	0.2	0.15	<0.1	<0.1	155	0.2	81
AO867630	2.7	0.1	0.1	15.5	<0.5	16	<0.2	0.3	0.245	0.2	<0.1	178	<0.1	92
AO867631	10	0.33	0.2	10.7	<0.5	348	0.3	0.4	0.057	0.1	0.1	141	0.4	269
AO867632	28.5	0.69	0.3	12.2	<0.5	515	0.9	0.2	0.039	0.1	0.6	103	2.4	192
AO867633	13.3	0.24	0.4	6	<0.5	161	<0.2	0.3	0.016	<0.1	0.1	116	0.5	164
STD DS11	143.2	0.29	7.3	3.2	2.6	64	4.6	8.4	0.098	5	2.5	50	2.7	353
STD OREAS262	59.2	0.28	2.9	3.4	<0.5	35	<0.2	10.5	0.003	0.6	1.2	23	0.1	154
STD DS11	143.6	0.28	7.5	3.5	2.1	68	5.1	8	0.098	5.2	2.6	49	2.4	362
STD OREAS262	54.7	0.27	2.7	3.2	<0.5	36	<0.2	8.4	0.003	0.4	1.1	21	0.1	156
STD OREAS262	60.1	0.26	3	3.4	<0.5	36	0.3	9.4	0.004	0.5	1.3	23	0.1	164
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58436
Date Received:	Sep 23, 2020
Date Reported:	Sep 29, 2020
Invoice:	78626

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867554	<.03		S58436
A0867555	<.03		S58436
A0867556	<.03	<.03	S58436
A0867557	<.03		S58436
A0867558	.26		S58436
A0867559	<.03		S58436
A0867560	<.03		S58436
A0867561	.03	.03	S58436
A0867562	.36		S58436
A0867563	<.03		S58436
A0867564	<.03		S58436
A0867565	<.03		S58436
A0867566	<.03	<.03	S58436
A0867567	<.03		S58436
A0867568	<.03		S58436
A0867569	<.03		S58436
A0867570	<.03		S58436
A0867571	<.03		S58436
A0867572	.24		S58436
A0867573	<.03		S58436

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INVOICE TO: Hanstone - BC

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867574	.05		S58436
A0867575	.22		S58436
A0867576	.09	.10	S58436
A0867577	.10		S58436
A0867578	<.03		S58436
A0867579	<.03		S58436
A0867580	.05		S58436
A0867581	.36	.38	S58436
A0867582	.45		S58436
A0867583	1.56		S58436
A0867584	2.88		S58436
A0867585	2.23		S58436
A0867586	2.95	2.98	S58436
A0867587	54.18	52.02	S58436
A0867588	.51		S58436
A0867589	.29		S58436
A0867590	.46		S58436
A0867591	17.87	17.49	S58436
A0867592	1.46		S58436
A0867593	.21		S58436

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867594	.07		S58436
A0867595	<.03		S58436
A0867596	.03	.05	S58436
A0867597	<.03		S58436
A0867598	<.03		S58436
A0867599	.57		S58436
A0867600	<.03		S58436
A0867601	<.03	<.03	S58436
A0867602	<.03		S58436
A0867603	<.03		S58436
A0867604	<.03		S58436
A0867605	.45		S58436
A0867606	<.03	<.03	S58436
A0867607	.03		S58436
A0867608	<.03		S58436
A0867609	.09		S58436
A0867610	.69		S58436
A0867611	<.03		S58436
A0867612	<.03		S58436
A0867613	.05		S58436

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867614	.62		S58436
A0867615	.03		S58436
A0867616	<.03	<.03	S58436
A0867617	.05		S58436
A0867618	<.03		S58436
A0867619	<.03		S58436
A0867620	.39		S58436
A0867621	.05	.03	S58436
A0867622	.14		S58436
A0867623	.05		S58436
A0867624	<.03		S58436
A0867625	<.03		S58436
A0867626	<.03	<.03	S58436
A0867627	<.03		S58436
A0867628	.05		S58436
A0867629	<.03		S58436
A0867630	<.03		S58436
A0867631	.12		S58436
A0867632	.48		S58436
A0867633	<.03		S58436

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.72		S58436
GS-7E	7.68		S58436
GS-7E	7.03		S58436
GS-7E	7.34		S58436
GS-7E	7.10		S58436

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58475
Geologist:	T. Fiolleau	Date Received:	Oct 08, 2020
Project:	Doc Project	Date Reported:	Nov 03, 2020
Purchase Order:	Hanstone2	Invoice:	78662

Sample Type:	Number	Size Fraction	Sample Preparation
Core	100	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

Report No: S58475
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0867714	0.3	2.18	0.6	6.2	<20	117	<0.1	1.51	2.2	18.1	68	86	4.44	8	<0.01	0.19	3	1.36	841	0.9	0.069	11.6	0.065
A0867715	0.3	1.81	0.6	6.6	<20	58	<0.1	2.93	0.9	17.1	69	128.7	4.43	6	<0.01	0.17	2	1.27	1004	1.4	0.044	9.1	0.061
A0867716	0.2	2.26	<0.5	5.9	<20	51	<0.1	1.83	0.2	20.1	62	101.4	4.83	9	<0.01	0.12	2	1.59	832	0.6	0.058	13.1	0.048
A0867717	0.3	0.93	0.6	2.5	<20	209	0.1	0.52	0.1	7.3	95	26.5	2.63	4	<0.01	0.17	2	0.53	433	0.6	0.038	25.2	0.032
A0867718	0.9	1.5	14.6	11.1	<20	783	0.2	0.29	0.2	18.4	185	101.5	3.61	6	<0.01	0.28	5	0.71	785	1.5	0.023	26.7	0.044
A0867719	<0.1	1.82	<0.5	3.1	<20	540	<0.1	0.53	<0.1	9.7	91	13.6	3.86	8	<0.01	0.84	3	0.98	555	0.6	0.034	17.2	0.095
A0867720	0.7	0.41	2.4	4.5	<20	38	1.3	0.08	0.1	2.6	170	36.2	0.81	2	<0.01	0.07	4	0.15	151	0.3	0.134	5.4	0.012
A0867721	0.2	1.09	1.2	2.5	<20	167	<0.1	0.37	0.2	7.1	82	36.6	2.42	6	<0.01	0.24	6	0.68	366	0.4	0.039	29.4	0.062
A0867721 Re	0.2	1.09	1.2	2.3	<20	162	<0.1	0.37	0.3	7.2	81	37.6	2.39	5	<0.01	0.24	5	0.67	359	0.4	0.04	29.5	0.06
A0867722	<0.1	1.1	1	1.6	<20	229	<0.1	0.23	<0.1	6.7	161	21.8	2.45	5	<0.01	0.34	5	0.64	343	2.1	0.075	27.6	0.037
A0867723	0.1	1.11	1.6	1.6	<20	115	<0.1	0.26	<0.1	5.8	82	24.6	2.49	6	<0.01	0.16	7	0.72	394	0.3	0.044	25	0.038
A0867724	0.1	1.36	1.4	1.1	<20	459	<0.1	0.52	0.1	7.2	143	29.8	2.96	6	<0.01	0.41	5	0.78	473	1.9	0.094	21.7	0.077
A0867725	0.4	1.16	<0.5	1.6	<20	337	<0.1	0.43	0.4	13.2	78	87.4	3.24	5	<0.01	0.41	3	0.82	455	0.4	0.073	21.1	0.059
A0867726	0.3	1.19	0.7	2.4	<20	383	<0.1	0.78	0.2	11.3	118	64.5	2.95	6	<0.01	0.36	3	0.78	498	0.5	0.117	20	0.059
A0867727	0.2	1.17	<0.5	3.5	<20	582	<0.1	0.32	0.1	11.9	59	47.7	3.26	5	<0.01	0.65	3	0.8	406	0.8	0.084	17.1	0.07
A0867728	0.2	1.26	<0.5	<0.5	<20	393	<0.1	0.42	<0.1	11.8	99	60.6	3.41	5	<0.01	0.55	3	0.83	451	0.6	0.151	16.8	0.051
A0867729	0.2	1.79	0.5	<0.5	<20	432	<0.1	0.28	<0.1	14.3	45	87.3	4.05	6	<0.01	0.82	2	1.21	464	0.5	0.085	12.2	0.039
A0867730	0.2	1.79	<0.5	2.5	<20	421	<0.1	0.32	<0.1	14.3	69	73.1	4.08	7	<0.01	0.83	2	1.22	472	0.5	0.134	12.6	0.036
A0867731	0.2	1.59	<0.5	0.7	<20	266	<0.1	0.58	<0.1	16.4	50	135.5	3.79	7	<0.01	0.6	2	1.05	524	0.3	0.08	11.3	0.071
A0867732	0.8	2.28	1.3	9	<20	204	0.3	1.01	0.3	18.7	64	190	5.03	9	<0.01	0.52	2	1.52	777	0.3	0.096	12.8	0.055
A0867733	0.2	2.36	<0.5	1.5	<20	424	<0.1	0.99	<0.1	21	41	107.4	5.21	9	<0.01	1.1	1	1.58	735	0.4	0.059	12.2	0.08
A0867734	0.2	2.12	<0.5	2.8	<20	357	<0.1	1.24	<0.1	17.8	60	118.1	4.69	8	<0.01	1	2	1.4	702	0.6	0.108	11.5	0.086
A0867735	0.1	1.85	<0.5	<0.5	<20	339	<0.1	0.55	<0.1	16	54	97	4.32	8	<0.01	0.74	1	1.22	545	0.6	0.073	10.5	0.053
A0867736	0.2	1.81	<0.5	1.3	<20	197	<0.1	0.6	<0.1	17.1	57	114.5	4.23	7	<0.01	0.41	2	1.23	546	0.5	0.125	10.3	0.061
A0867737	<0.1	2.13	0.5	<0.5	<20	67	<0.1	0.94	0.1	16	43	63	4.47	9	<0.01	0.18	1	1.53	763	0.1	0.068	9.2	0.074
A0867738	0.1	2.04	0.5	0.9	<20	62	<0.1	1.73	0.1	14.6	43	74.4	4.32	8	<0.01	0.14	2	1.4	753	0.2	0.114	6.7	0.078
A0867739	0.1	1.88	<0.5	<0.5	<20	94	<0.1	0.84	<0.1	13.1	35	87.8	3.9	7	<0.01	0.27	1	1.3	585	<0.1	0.097	5.9	0.072
A0867740	0.2	2.21	<0.5	2.5	<20	148	<0.1	1.17	0.1	16.1	47	103.4	4.76	8	<0.01	0.47	2	1.57	655	0.2	0.099	6.5	0.062
A0867741	0.2	3.01	0.6	1.3	<20	173	<0.1	2	0.1	23.2	19	72.9	6.14	12	<0.01	0.36	3	2.24	1261	<0.1	0.05	11.4	0.089
A0867742	0.3	2.11	1	4.9	<20	259	<0.1	0.63	<0.1	15.5	57	80.9	4.46	8	<0.01	0.44	3	1.28	775	0.5	0.108	9.3	0.068
A0867743	0.3	2.05	1	1	<20	145	<0.1	1.26	0.3	14.7	48	75.4	4.36	7	<0.01	0.31	1	1.36	721	0.7	0.05	10.1	0.065
A0867744	0.2	2.22	0.7	3.4	<20	133	<0.1	1.89	0.1	16.9	38	71.9	4.65	8	<0.01	0.36	2	1.58	827	0.4	0.07	10.8	0.047
A0867745	0.8	1.78	0.7	208.5	<20	144	<0.1	2.09	0.7	17.9	41	84.4	4.68	6	<0.01	0.45	2	1.46	1041	0.7	0.053	11.7	0.099
A0867746	0.2	2.2	<0.5	<0.5	<20	79	<0.1	1.73	0.2	18.1	54	76.9	4.69	7	<0.01	0.28	1	1.48	895	0.3	0.076	9.3	0.051
A0867747	0.9	0.83	<0.5	135.8	<20	258	<0.1	2.32	0.7	12.1	55	175.5	3.27	3	<0.01	0.32	2	0.97	1229	0.6	0.037	5.8	0.043

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

Report No: S58475
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0867748	1.1	0.82	<0.5	197.9	<20	241	<0.1	2.87	1.4	15.7	62	207.9	3.16	2	<0.01	0.63	4	1.2	2017	1.6	0.051	13.2	0.061
A0867749	22.6	0.9	1.3	5107.9	<20	838	0.3	0.24	3	25.2	74	428.6	3.96	3	<0.01	0.63	32	0.7	1421	5.8	0.04	22.7	0.071
A0867750	1.5	1.82	1.2	25.7	<20	238	<0.1	0.85	0.3	15.6	113	87.1	3.87	6	<0.01	0.46	2	1.2	584	0.9	0.073	12.8	0.053
A0867751	0.4	1.93	1.1	9	<20	187	<0.1	0.94	0.1	18.1	54	84.6	4.39	7	<0.01	0.48	1	1.36	718	0.3	0.05	12.7	0.043
A0867752	0.2	2.07	1.1	3.2	<20	44	<0.1	2.04	0.2	14.9	61	45.4	4.18	8	<0.01	0.11	3	1.42	695	0.5	0.093	7.4	0.073
A0867753	0.4	2.24	1.4	5.7	<20	90	<0.1	1.57	0.2	17.8	54	85.7	4.9	8	<0.01	0.21	1	1.62	724	0.2	0.051	7.9	0.058
A0867754	0.4	2.09	3.6	<0.5	<20	92	<0.1	2.92	0.2	18.1	32	80.1	4.95	8	<0.01	0.23	2	1.39	1085	0.5	0.069	6.1	0.061
A0867755	0.8	1.64	10.4	1	<20	147	0.1	2.86	1	18.1	84	79.1	4.94	5	<0.01	0.35	5	0.7	1606	1.5	0.026	7.2	0.06
A0867756	0.6	1.62	12.7	5.6	<20	113	0.2	2.83	0.8	18	59	64.9	4.63	5	<0.01	0.46	4	0.94	1332	1.2	0.033	7.6	0.058
A0867757	0.8	1.66	3.7	6.1	<20	149	0.2	4.1	1.3	16.2	141	96.6	4.12	4	<0.01	0.73	3	1.07	1518	0.9	0.007	9.5	0.051
A0867757 Re	0.7	1.66	3.4	2.9	<20	151	0.2	3.75	1.3	15.3	133	93.4	3.99	4	<0.01	0.7	3	1.04	1532	0.7	0.006	9	0.053
A0867758	0.5	2.31	0.9	0.6	<20	101	<0.1	2.53	0.3	16.2	65	66	4.94	8	<0.01	0.36	4	1.59	952	0.4	0.048	8.5	0.086
A0867759	0.5	2.59	0.7	<0.5	<20	71	<0.1	1.89	0.3	19.3	45	93.5	5.3	9	<0.01	0.26	3	1.88	726	0.2	0.036	9.3	0.071
A0867760	0.5	2.57	0.9	<0.5	<20	66	<0.1	1.96	0.2	20	64	96.9	5.1	9	<0.01	0.24	2	1.83	753	0.3	0.046	9.8	0.066
A0867761	0.4	2.13	1.1	<0.5	<20	44	<0.1	2.47	0.3	19.6	42	80.3	4.94	8	<0.01	0.2	2	1.63	877	0.5	0.041	6.4	0.079
A0867762	0.8	2.14	1.1	27.8	<20	116	<0.1	2.15	0.4	21.7	42	146.7	5.18	8	<0.01	0.31	3	1.77	1123	0.7	0.059	11.1	0.07
A0867763	0.4	2.25	0.7	3.6	<20	75	<0.1	1.82	0.5	19.3	35	119.2	5.06	8	<0.01	0.17	2	1.84	1021	0.4	0.041	9	0.078
A0867764	1.6	1.28	1.8	430.9	<20	464	<0.1	2.31	0.9	16.8	47	72.5	4.15	4	<0.01	0.3	2	1.32	1465	0.8	0.066	6.3	0.081
A0867765	3.5	0.82	1.4	758.4	<20	368	<0.1	1.87	1.6	18.8	53	267.6	3.55	2	<0.01	0.51	4	0.66	2370	3.4	0.022	5.9	0.089
A0867766	7.2	1.07	<0.5	2382.9	<20	29	<0.1	3.12	2.8	25.6	87	66	5.15	2	<0.01	0.53	1	0.94	3055	9.3	0.026	12.1	0.064
A0867767	11.9	1.11	0.9	2829.9	<20	133	0.1	0.27	2.1	25.7	19	100.2	5.63	2	<0.01	0.29	3	0.29	1364	7.9	0.009	9.7	0.067
A0867768	35.1	0.11	0.7	7194	<20	244	5.3	0.16	0.2	14.4	452	137	2.29	<1	<0.01	0.07	5	0.02	89	7.5	0.004	19.9	0.006
A0867769	7.1	0.08	0.7	1669.4	<20	441	0.3	0.04	0.3	6.4	151	27.1	1.45	<1	<0.01	0.07	11	0.02	180	17.7	0.003	5.5	0.006
A0867770	7.6	0.59	1	1795.2	<20	141	0.2	3.15	1.7	21.1	122	146.8	4.25	1	<0.01	0.42	4	1.07	2210	8.3	0.02	10.1	0.058
A0867771	1.3	0.9	1	218.1	<20	97	0.1	2.84	1.5	22.5	40	177.3	4.3	2	<0.01	0.4	2	0.97	1520	1.7	0.017	9.8	0.066
A0867772	0.8	1.12	0.9	115.2	<20	164	<0.1	1.65	1	17.9	100	140.8	4.03	3	<0.01	0.46	4	0.48	1395	1.7	0.022	9.4	0.058
A0867773	0.6	1.51	0.9	28.7	<20	131	<0.1	0.86	1.1	17.5	46	114.5	4.29	5	<0.01	0.31	4	0.88	1459	0.7	0.024	9.6	0.054
A0867774	1	1.78	0.8	120	<20	131	<0.1	0.52	1.7	22.8	52	226.8	4.61	5	<0.01	0.29	4	0.92	1109	0.7	0.054	8.6	0.074
A0867775	0.4	1.79	0.6	8.8	<20	59	<0.1	1.58	0.7	18.6	43	146.9	3.96	6	<0.01	0.16	3	1.17	781	0.2	0.038	8.1	0.061
A0867776	0.1	1.97	<0.5	<0.5	<20	101	<0.1	1.58	<0.1	16.3	75	60.4	3.57	8	<0.01	0.35	4	1.53	635	0.3	0.088	20	0.129
A0867777	0.2	2.06	0.6	<0.5	<20	151	<0.1	0.9	<0.1	17.3	43	83.1	4.29	7	<0.01	0.54	1	1.5	685	0.2	0.057	8	0.074
A0867778	0.1	2.26	<0.5	<0.5	<20	93	<0.1	1.62	<0.1	14.4	62	33.8	4.19	9	<0.01	0.39	4	1.7	708	0.2	0.067	13.4	0.099
A0867779	0.2	1.84	<0.5	<0.5	<20	206	<0.1	1.36	0.1	14.2	56	66.4	3.5	7	<0.01	0.63	4	1.36	675	0.2	0.065	14.9	0.084
A0867780	0.2	2.33	<0.5	<0.5	<20	162	<0.1	1.33	0.1	17.6	60	97.7	4.63	8	<0.01	0.77	2	1.6	836	0.4	0.079	8.8	0.075
A0867781	0.5	2.3	0.9	7	<20	50	0.2	0.98	0.2	17.4	51	58.4	4.6	8	<0.01	0.12	3	1.61	728	<0.1	0.049	12.8	0.041

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

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Sample: 100 Core / 0 Pulp

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MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0867782	0.7	2.4	1.1	3.7	<20	68	0.5	1.41	0.2	18.7	59	104.8	4.64	8	<0.01	0.19	2	1.6	843	0.2	0.039	11.3	0.055
A0867783	0.1	2.39	2	2.9	<20	349	<0.1	0.33	0.1	20.4	34	186.7	4.26	9	<0.01	0.87	3	2.16	263	2.7	0.04	7.7	0.074
A0867784	<0.1	2.07	0.9	<0.5	<20	344	<0.1	0.68	<0.1	14.7	87	79.6	3.65	9	<0.01	1	8	1.71	392	1.2	0.106	25.4	0.163
A0867785	<0.1	2.37	7.7	1.6	<20	86	<0.1	1.68	<0.1	19.6	47	44.8	4.75	12	<0.01	0.12	27	2.54	612	0.7	0.071	30.1	0.239
A0867786	<0.1	2.85	19.1	1.9	<20	80	<0.1	2.05	0.3	26.8	55	60.2	5.83	14	<0.01	0.11	34	2.83	619	2.2	0.025	33.4	0.273
A0867787	<0.1	2.79	9.6	1.3	<20	103	<0.1	1.92	<0.1	17	44	73.6	4.56	12	<0.01	0.15	13	2.48	512	0.4	0.043	22.7	0.155
A0867788	<0.1	3.05	0.8	0.7	<20	156	<0.1	0.77	<0.1	14.2	105	28.9	5.03	10	<0.01	1.21	3	2.24	402	0.4	0.046	25.9	0.041
A0867789	0.1	2.04	<0.5	44.9	<20	191	0.3	0.88	0.5	8.5	88	12.2	3.78	6	<0.01	0.81	3	1.66	456	1.2	0.043	12.3	0.03
A0867790	0.1	1.91	<0.5	27.4	<20	197	0.2	0.81	0.8	7.9	118	14.3	3.51	6	<0.01	0.77	3	1.52	531	1	0.054	12	0.03
A0867791	0.4	2.59	0.8	19.5	<20	144	<0.1	1.07	2.3	14.7	67	52.7	4.69	7	<0.01	0.97	5	2.14	453	0.3	0.032	44.8	0.061
A0867792	<0.1	2.8	0.9	1.9	<20	143	<0.1	1.07	0.3	14.5	60	30.5	4.53	8	<0.01	1.07	6	1.91	310	0.4	0.037	15	0.081
A0867792 Re	<0.1	2.71	0.7	1.6	<20	136	<0.1	1.04	0.3	14.4	59	29.8	4.43	7	<0.01	1.05	6	1.86	304	0.4	0.037	14.7	0.079
A0867793	0.3	2.87	0.8	4.4	<20	120	0.2	2.89	0.1	22.1	40	217.8	4.75	11	<0.01	0.67	4	2.41	546	0.3	0.053	8.3	0.159
A0867794	0.6	2.37	1.5	12.4	<20	130	0.2	0.24	0.1	19.3	85	308.6	3.8	9	<0.01	0.69	7	1.83	276	0.8	0.057	15.2	0.042
A0867795	<0.1	2.51	1.2	1.5	<20	82	<0.1	0.05	<0.1	5.5	50	29.8	4.62	8	<0.01	0.3	4	1.74	253	1.1	0.034	12.5	0.006
A0867796	0.1	1.4	0.6	6.5	<20	121	<0.1	1.79	0.5	6.4	154	63.2	2.56	4	<0.01	0.92	5	1.07	302	0.4	0.05	13.7	0.101
A0867797	<0.1	2.62	<0.5	0.8	<20	151	<0.1	0.66	<0.1	12.7	74	2.6	4.5	8	<0.01	1.76	2	1.85	272	<0.1	0.033	25.2	0.043
A0867798	<0.1	1.67	0.9	2.3	<20	75	0.1	5.81	0.2	24.9	68	50.2	2.58	5	<0.01	0.4	2	1.54	688	0.6	0.072	22.9	0.134
A0867799	<0.1	1.81	0.5	2.8	<20	103	<0.1	6.27	0.5	8.4	51	11.4	3.26	6	<0.01	0.96	2	1.61	560	0.1	0.028	20.1	0.04
A0867800	<0.1	0.58	<0.5	8.2	<20	77	<0.1	3.66	0.3	12.4	64	12.3	2.16	2	<0.01	0.34	3	1.38	750	0.3	0.07	13.1	0.027
A0867801	<0.1	1.13	<0.5	14.4	<20	112	<0.1	1.58	1.1	9.9	44	11.5	3.02	4	<0.01	0.38	4	1.42	308	0.6	0.047	20.5	0.023
A0867802	0.3	1.03	0.6	13.3	<20	105	<0.1	6.72	2.4	12.6	116	20.4	2.44	2	<0.01	0.46	6	0.85	790	0.7	0.026	18.5	0.138
A0867803	0.4	1.18	0.9	11	<20	135	<0.1	5.86	8.3	26.4	26	66	4.02	2	<0.01	0.57	9	1.41	1300	0.8	0.008	31.2	0.216
A0867804	>100.0	1.06	0.7	4573.8	<20	332	0.4	0.09	17.1	3.4	216	301.6	3.98	3	0.02	0.74	6	0.56	111	56.9	0.029	6.1	0.044
A0867805	9	2.22	<0.5	891	<20	518	<0.1	0.22	4.5	9	36	270.3	4.32	7	<0.01	1.88	7	2.12	682	5.4	0.043	5.5	0.065
A0867806	78.1	1.07	1.8	13752.3	<20	1175	0.2	0.16	3.3	14	214	1175.5	4.08	3	0.04	0.73	12	0.71	499	27	0.032	8	0.061
A0867807	0.9	2.54	<0.5	53.2	<20	352	0.1	0.56	2.9	8.7	29	45	4.02	7	<0.01	1.85	4	2.02	427	0.7	0.026	4.6	0.127
A0867808	0.3	2.48	0.7	9.6	<20	165	<0.1	1.62	0.8	9.4	75	58.2	3.66	6	<0.01	1.35	5	1.79	468	0.4	0.029	5.1	0.1
A0867809	0.1	2.16	1.9	3.1	<20	115	<0.1	0.7	0.2	14.2	63	129.2	3.64	8	<0.01	0.85	2	1.83	310	0.7	0.039	11.2	0.102
A0867810	0.5	2.54	0.9	132.6	<20	202	<0.1	0.87	0.4	16.3	64	40.2	4.79	9	<0.01	1.4	6	1.69	335	0.5	0.046	12.8	0.082
A0867811	0.2	2.59	0.9	16.4	<20	109	<0.1	1.66	0.3	23.4	94	40.7	4.34	9	<0.01	0.56	6	2.35	456	0.1	0.03	43.1	0.084
A0867812	0.1	2.75	1.3	7.3	<20	80	<0.1	1.6	0.3	20.5	56	93.7	4.99	12	<0.01	0.17	17	2.97	641	0.3	0.055	30.7	0.167
A0867813	0.1	2.18	0.6	13.6	<20	119	0.3	0.5	0.2	12.3	56	23.4	3.9	7	<0.01	1.05	6	1.99	290	0.4	0.033	11.7	0.056
STD DS11	1.5	1.1	43.2	52.1	<20	414	11.9	1.02	2.2	13.7	58	144.3	3.08	4	0.27	0.38	16	0.82	991	13.3	0.071	79.6	0.065
STD OREAS262	0.4	1.23	34.5	63.4	<20	247	0.9	2.86	0.6	26.9	42	112.3	3.25	3	0.16	0.31	16	1.19	527	0.6	0.069	64.4	0.038

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

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Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

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MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
STD DS11	1.6	1.1	40	57.1	<20	423	11.1	1.01	2.4	13.1	57	142.2	3.08	5	0.25	0.39	17	0.84	988	14.5	0.072	81.3	0.069
STD OREAS262	0.4	1.21	33.8	50.4	<20	243	0.9	2.71	0.5	25.6	42	110.4	3.14	4	0.14	0.29	15	1.14	520	0.6	0.067	60.5	0.037
STD OREAS262	0.5	1.19	37.7	60.5	<20	248	1	2.81	0.7	28.1	40	114.2	3.15	4	0.14	0.29	17	1.12	516	0.6	0.064	67.1	0.036
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

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Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867714	4.2	0.21	0.1	7.5	0.6	34	<0.2	0.4	0.043	<0.1	<0.1	91	0.4	136
A0867715	13.3	0.54	<0.1	5.8	<0.5	65	<0.2	0.4	0.032	<0.1	<0.1	77	0.4	90
A0867716	6.1	0.21	<0.1	9.1	<0.5	38	<0.2	0.2	0.059	<0.1	<0.1	124	0.2	93
A0867717	5.7	0.53	<0.1	4.1	0.7	20	<0.2	0.6	0.107	<0.1	0.2	49	0.5	30
A0867718	6.4	0.1	0.9	5.9	0.6	13	<0.2	0.6	0.098	<0.1	0.3	56	0.9	38
A0867719	0.5	0.18	<0.1	9.5	0.7	5	<0.2	0.8	0.237	0.2	0.3	96	0.4	51
A0867720	13.6	<0.05	0.1	2.6	<0.5	3	0.3	4.4	0.009	<0.1	5	16	0.3	15
A0867721	6.1	<0.05	<0.1	7.2	<0.5	4	<0.2	1	0.093	<0.1	0.2	75	0.5	47
A0867721 Re	5.9	<0.05	<0.1	6.9	<0.5	3	<0.2	0.8	0.092	<0.1	0.2	76	0.6	46
A0867722	1.7	<0.05	0.1	7.3	<0.5	4	<0.2	0.9	0.154	<0.1	0.2	80	0.3	40
A0867723	3.5	<0.05	0.1	6.8	<0.5	3	<0.2	1.2	0.123	<0.1	0.2	70	0.3	49
A0867724	2.1	0.06	<0.1	8.3	0.5	7	<0.2	1.4	0.128	<0.1	0.3	67	0.3	64
A0867725	1.4	<0.05	<0.1	6	0.5	4	<0.2	0.4	0.148	<0.1	<0.1	152	0.3	175
A0867726	1.5	0.08	<0.1	6.9	0.6	7	<0.2	0.5	0.169	<0.1	0.1	112	0.3	126
A0867727	1	0.09	<0.1	6.7	<0.5	3	<0.2	0.5	0.176	<0.1	0.1	122	0.2	101
A0867728	1.5	0.09	<0.1	6.9	0.5	5	<0.2	0.5	0.161	<0.1	<0.1	135	0.1	78
A0867729	1.4	0.17	<0.1	10.9	<0.5	7	<0.2	0.4	0.203	0.1	<0.1	144	0.2	63
A0867730	1.5	0.1	<0.1	11	<0.5	11	<0.2	0.4	0.207	0.1	0.1	146	0.1	64
A0867731	2.2	<0.05	<0.1	7.8	<0.5	9	<0.2	0.3	0.191	0.1	<0.1	127	0.2	64
A0867732	30.7	<0.05	0.1	18.1	<0.5	29	<0.2	0.3	0.166	0.1	<0.1	168	0.2	90
A0867733	1.6	<0.05	<0.1	13.6	<0.5	8	<0.2	0.2	0.22	0.3	<0.1	190	0.1	89
A0867734	1.4	0.11	0.1	14.6	<0.5	12	<0.2	0.3	0.227	0.2	<0.1	178	0.4	74
A0867735	0.9	0.11	<0.1	9.8	<0.5	5	<0.2	0.2	0.219	0.2	<0.1	152	0.1	74
A0867736	1.2	0.06	<0.1	9.2	<0.5	8	<0.2	0.2	0.212	<0.1	<0.1	152	0.1	68
A0867737	1.6	<0.05	0.1	10	<0.5	15	<0.2	0.2	0.198	<0.1	<0.1	138	0.2	76
A0867738	1.7	<0.05	0.2	12.9	<0.5	25	<0.2	0.3	0.178	<0.1	<0.1	130	0.5	67
A0867739	1.5	<0.05	0.1	6.7	<0.5	14	<0.2	0.3	0.181	<0.1	<0.1	113	0.2	67
A0867740	2.4	<0.05	0.2	17.7	<0.5	15	<0.2	0.3	0.164	0.2	<0.1	189	0.3	75
A0867741	2.7	<0.05	0.2	20.9	<0.5	28	<0.2	0.4	0.186	0.1	0.1	284	0.3	107
A0867742	4.1	<0.05	0.2	12.6	<0.5	11	<0.2	0.6	0.185	<0.1	0.1	140	0.3	78
A0867743	4.5	0.17	0.1	10.4	0.5	19	<0.2	0.4	0.077	<0.1	<0.1	116	0.1	82
A0867744	14	0.14	0.1	9.7	<0.5	48	<0.2	0.4	0.075	0.1	<0.1	115	0.2	95
A0867745	49.2	0.52	0.2	10.2	<0.5	77	0.5	0.2	0.079	0.3	0.1	107	0.7	109
A0867746	4.1	0.12	0.1	10.9	<0.5	32	<0.2	0.2	0.085	0.1	<0.1	130	0.1	83
A0867747	13.7	0.76	0.2	5.6	<0.5	87	0.3	0.4	0.033	0.1	0.2	45	0.6	65

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

Report No: S58475
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867748	12.5	1.19	0.4	7.8	<0.5	137	0.7	0.4	0.029	0.3	1	36	1.3	78
A0867749	256	0.19	1.4	11.5	<0.5	20	13.9	1.1	0.066	0.3	3.4	57	3.2	158
A0867750	19.8	0.19	0.2	10.1	0.6	16	<0.2	0.4	0.178	0.1	0.1	118	3	75
A0867751	9.9	0.2	0.2	13.2	<0.5	10	<0.2	0.2	0.187	0.1	<0.1	142	0.3	81
A0867752	5.7	0.06	0.3	13.9	<0.5	25	<0.2	0.7	0.105	<0.1	0.1	118	<0.1	76
A0867753	8.2	0.09	0.5	18.3	<0.5	17	<0.2	0.2	0.094	<0.1	<0.1	169	<0.1	92
A0867754	6.8	0.08	1.4	15.8	<0.5	43	<0.2	0.3	0.085	0.1	<0.1	138	0.1	90
A0867755	5	<0.05	1.9	8.3	<0.5	14	<0.2	0.6	0.038	<0.1	0.3	64	1	93
A0867756	4.7	0.06	1.3	8.2	<0.5	40	<0.2	0.4	0.059	0.2	0.2	72	0.9	84
A0867757	12	0.19	0.7	8.5	<0.5	80	<0.2	0.4	0.081	0.3	0.1	62	3.8	96
A0867757 Re	11.5	0.18	0.7	8.7	0.6	76	<0.2	0.4	0.075	0.2	0.1	60	3.9	90
A0867758	4.5	<0.05	0.4	12.7	<0.5	30	<0.2	0.5	0.079	0.2	0.1	125	0.2	95
A0867759	8.1	<0.05	0.4	16.8	<0.5	22	<0.2	0.4	0.109	0.1	<0.1	178	0.1	107
A0867760	8.7	<0.05	0.4	17.1	<0.5	28	<0.2	0.4	0.142	0.1	<0.1	174	0.1	104
A0867761	8	0.16	0.8	14.9	<0.5	35	<0.2	0.3	0.099	0.1	<0.1	158	0.1	123
A0867762	7	0.21	1.1	11.5	<0.5	33	<0.2	0.3	0.087	0.1	<0.1	134	0.7	111
A0867763	12.1	0.06	0.5	13.5	<0.5	26	<0.2	0.3	0.099	<0.1	<0.1	166	0.2	106
A0867764	14.9	0.52	0.8	7.6	<0.5	60	0.8	0.3	0.048	0.1	0.2	59	1.2	110
A0867765	25.1	0.97	1.2	6.1	<0.5	47	1.4	0.2	0.034	0.3	0.5	25	25.4	96
A0867766	25.8	4.21	0.9	6.7	0.7	99	5.3	0.1	0.009	0.2	0.2	25	3.4	107
A0867767	39	2.03	0.7	4.4	2.6	16	7.1	0.2	0.005	0.2	1.1	12	2.4	114
A0867768	110.1	1.36	0.5	0.5	<0.5	21	16.2	0.1	0.001	<0.1	0.2	5	50.7	10
A0867769	32.1	0.61	0.6	0.6	<0.5	9	3.4	0.3	0.001	<0.1	0.1	3	40.4	14
A0867770	74	2.19	1.7	6.5	<0.5	131	4.4	0.2	0.009	0.2	1.4	22	5.3	87
A0867771	6.8	0.33	0.8	5.8	0.6	86	0.3	0.3	0.041	0.2	0.2	42	3.8	98
A0867772	6.4	0.14	0.5	4.8	<0.5	15	0.2	0.5	0.04	0.2	0.3	45	2	76
A0867773	5.1	0.07	0.4	6.1	<0.5	10	<0.2	0.4	0.043	0.1	0.2	60	1.1	99
A0867774	14.5	0.13	0.4	8.1	<0.5	10	0.2	0.5	0.025	<0.1	0.2	70	0.8	133
A0867775	6.9	0.13	0.1	8.2	<0.5	21	<0.2	0.4	0.075	<0.1	<0.1	105	0.2	86
A0867776	3.9	0.09	0.1	7.5	<0.5	30	<0.2	0.8	0.223	<0.1	0.2	88	0.2	67
A0867777	2.8	0.08	0.1	12.3	0.5	13	<0.2	0.3	0.2	0.1	<0.1	133	0.2	75
A0867778	4.5	<0.05	0.2	13	<0.5	17	<0.2	0.8	0.194	<0.1	0.2	109	0.3	80
A0867779	4.9	<0.05	0.1	11	<0.5	16	<0.2	0.8	0.218	0.1	0.2	107	0.3	69
A0867780	3.8	0.09	0.1	15.8	<0.5	15	<0.2	0.3	0.27	0.2	<0.1	144	0.2	82
A0867781	24.9	<0.05	<0.1	17.4	<0.5	10	<0.2	0.5	0.057	<0.1	<0.1	153	0.2	89

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

Report No: S58475
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867782	51.5	<0.05	0.1	17.8	<0.5	14	<0.2	0.4	0.085	<0.1	<0.1	150	0.1	96
A0867783	1.4	0.07	<0.1	16.8	1.5	8	<0.2	1.6	0.158	<0.1	0.9	181	0.2	33
A0867784	0.9	<0.05	<0.1	7.4	<0.5	10	<0.2	2.8	0.234	<0.1	0.4	109	0.1	29
A0867785	6.3	0.06	0.4	9	<0.5	42	<0.2	2.5	0.407	<0.1	0.7	137	0.8	71
A0867786	9.2	<0.05	0.9	11.9	<0.5	43	<0.2	3.2	0.451	<0.1	0.9	177	2.5	89
A0867787	3.6	<0.05	0.5	11.4	<0.5	28	<0.2	2	0.361	<0.1	0.6	158	1.3	45
A0867788	0.8	0.09	<0.1	13.8	<0.5	13	<0.2	1.4	0.272	<0.1	0.2	160	0.1	18
A0867789	3.2	0.1	0.1	9.6	<0.5	22	0.2	1.8	0.094	0.2	0.3	90	0.2	43
A0867790	4	0.05	0.1	10.2	<0.5	20	<0.2	1.7	0.09	0.2	0.4	90	0.2	48
A0867791	204.4	<0.05	0.1	11.6	<0.5	20	0.2	1.3	0.126	0.3	0.3	107	0.2	209
A0867792	2	<0.05	<0.1	8.1	<0.5	16	<0.2	1.5	0.133	0.1	0.3	85	<0.1	19
A0867792 Re	2	<0.05	0.1	7.8	<0.5	15	<0.2	1.5	0.128	0.1	0.3	84	<0.1	19
A0867793	2	0.21	0.2	10.3	<0.5	24	<0.2	0.6	0.118	0.2	0.3	191	<0.1	31
A0867794	1.7	<0.05	0.2	10.7	<0.5	4	<0.2	2.2	0.089	<0.1	0.5	105	<0.1	25
A0867795	1.4	0.12	0.2	6.1	<0.5	2	<0.2	1.5	0.047	<0.1	0.2	98	<0.1	22
A0867796	2.5	<0.05	0.2	7	<0.5	19	<0.2	1.3	0.095	0.2	0.7	92	0.5	21
A0867797	1.3	<0.05	<0.1	8.2	<0.5	6	<0.2	1.8	0.282	0.1	0.2	89	0.1	8
A0867798	6.4	0.23	<0.1	3.8	<0.5	47	<0.2	0.5	0.149	<0.1	0.2	67	0.1	16
A0867799	7.1	<0.05	0.1	6.7	<0.5	80	<0.2	1.1	0.118	0.1	0.3	151	<0.1	38
A0867800	6	0.32	0.2	6.2	<0.5	97	<0.2	0.9	0.015	<0.1	0.1	43	0.2	11
A0867801	4.4	0.06	0.2	7.6	<0.5	31	<0.2	1.1	0.033	0.1	0.1	80	0.2	51
A0867802	14.6	<0.05	0.4	4.6	<0.5	75	<0.2	1.1	0.026	0.1	0.5	56	0.6	97
A0867803	47.8	<0.05	0.6	3.9	<0.5	69	<0.2	0.9	0.046	0.2	0.4	28	0.4	167
A0867804	>10000.0	0.82	17.3	7.3	2.5	8	61.6	1.1	0.053	0.4	0.6	52	0.9	215
A0867805	4544.1	0.1	1.4	15.4	<0.5	12	7.1	2	0.241	1	0.6	164	0.8	525
A0867806	3676.4	0.4	1.3	11	<0.5	21	43.2	1.1	0.066	0.3	1.4	55	2.1	386
A0867807	120.5	<0.05	0.2	7.2	<0.5	9	0.3	1.6	0.226	0.5	0.2	163	0.4	249
A0867808	41.5	<0.05	0.3	6.9	<0.5	16	<0.2	1.7	0.153	0.2	0.3	102	0.6	105
A0867809	10.4	0.12	0.1	9.1	0.9	6	<0.2	1.2	0.182	<0.1	0.5	428	0.1	16
A0867810	59.6	<0.05	0.2	12.6	<0.5	16	0.4	1.4	0.24	0.3	0.2	138	0.3	56
A0867811	16.9	<0.05	0.1	10.7	<0.5	23	<0.2	1.2	0.192	0.2	0.2	125	0.3	42
A0867812	6.3	<0.05	0.2	14.8	<0.5	30	<0.2	2	0.284	<0.1	0.6	159	0.3	95
A0867813	4.4	<0.05	0.2	10.3	<0.5	5	<0.2	1.8	0.12	0.2	0.7	185	0.4	30
STD DS11	134.6	0.27	6.9	2.9	2.1	63	4.7	7.1	0.087	4.9	2.3	47	2.7	342
STD OREAS262	54.8	0.26	3	3	<0.5	33	0.2	8.6	0.003	0.4	1.1	21	0.1	148

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 100 Core / 0 Pulp

Report No: S58475
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
STD DS11	140.1	0.27	5.8	3	2.2	66	4.6	7.9	0.086	4.9	2.5	47	3	341
STD OREAS262	55.2	0.25	2.4	2.9	<0.5	33	0.3	8.5	0.003	0.4	1.1	21	0.2	140
STD OREAS262	57.5	0.25	2.6	3	<0.5	35	0.2	9.5	0.003	0.4	1.3	20	<0.1	164
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Hanstone Gold Corp
Geologist: T. Fiolleau
Project: Doc Project
Purchase Order: Hanstone2

TSL Report: S58475
Date Received: Oct 08, 2020
Date Reported: Oct 16, 2020
Invoice: 78662

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	100	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58475

SAMPLE(S) OF
100 Core/0 Pulp

INVOICE #:78662
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
AO867714	<.03		S58475
AO867715	<.03		S58475
AO867716	<.03		S58475
AO867717	<.03	<.03	S58475
AO867718	<.03		S58475
AO867719	<.03		S58475
AO867720	<.03		S58475
AO867721	<.03		S58475
AO867722	<.03	<.03	S58475
AO867723	<.03		S58475
AO867724	<.03		S58475
AO867725	<.03		S58475
AO867726	<.03		S58475
AO867727	<.03	<.03	S58475
AO867728	<.03		S58475
AO867729	<.03		S58475
AO867730	<.03		S58475
AO867731	<.03		S58475
AO867732	<.03		S58475
AO867733	<.03		S58475

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Oct 16/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58475

SAMPLE(S) OF
100 Core/0 Pulp

INVOICE #:78662
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
AO867734	<.03		S58475
AO867735	<.03		S58475
AO867736	<.03		S58475
AO867737	<.03	<.03	S58475
AO867738	<.03		S58475
AO867739	<.03		S58475
AO867740	<.03		S58475
AO867741	<.03		S58475
AO867742	<.03	<.03	S58475
AO867743	<.03		S58475
AO867744	<.03		S58475
AO867745	.26		S58475
AO867746	<.03		S58475
AO867747	.19	.19	S58475
AO867748	.26		S58475
AO867749	5.69		S58475
AO867750	.05		S58475
AO867751	<.03		S58475
AO867752	<.03		S58475
AO867753	<.03		S58475

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INVOICE TO: Hanstone - BC

Oct 16/20

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TSL LABORATORIES
#2 - 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58475

SAMPLE(S) OF
100 Core/0 Pulp

INVOICE #:78662
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
AO867754	<.03		S58475
AO867755	<.03		S58475
AO867756	<.03		S58475
AO867757	<.03	<.03	S58475
AO867758	<.03		S58475
AO867759	<.03		S58475
AO867760	<.03		S58475
AO867761	<.03		S58475
AO867762	.03	.03	S58475
AO867763	<.03		S58475
AO867764	.45		S58475
AO867765	.79		S58475
AO867766	2.25		S58475
AO867767	2.88		S58475
AO867768	7.41		S58475
AO867769	1.34		S58475
AO867770	1.83		S58475
AO867771	.19		S58475
AO867772	.12		S58475
AO867773	.03		S58475

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REPORT No.
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SAMPLE(S) OF

100 Core/0 Pulp

INVOICE #:78662
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
AO867774	.14		S58475
AO867775	<.03		S58475
AO867776	<.03		S58475
AO867777	<.03	<.03	S58475
AO867778	<.03		S58475
AO867779	<.03		S58475
AO867780	<.03		S58475
AO867781	<.03		S58475
AO867782	<.03	<.03	S58475
AO867783	<.03		S58475
AO867784	<.03		S58475
AO867785	<.03		S58475
AO867786	<.03		S58475
AO867787	<.03	<.03	S58475
AO867788	<.03		S58475
AO867789	.09		S58475
AO867790	.05		S58475
AO867791	.05		S58475
AO867792	<.03		S58475
AO867793	<.03		S58475

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	Au g/t	Au1 g/t	File Name
AO867794	<.03		S58475
AO867795	<.03		S58475
AO867796	<.03		S58475
AO867797	<.03	<.03	S58475
AO867798	<.03		S58475
AO867799	<.03		S58475
AO867800	<.03		S58475
AO867801	<.03		S58475
AO867802	<.03	.03	S58475
AO867803	<.03		S58475
AO867804	4.32		S58475
AO867805	1.15		S58475
AO867806	13.75		S58475
AO867807	.07	.07	S58475
AO867808	<.03		S58475
AO867809	<.03		S58475
AO867810	.19		S58475
AO867811	<.03		S58475
AO867812	<.03		S58475
AO867813	<.03		S58475

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SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58475

SAMPLE(S) OF

100 Core/0 Pulp

INVOICE #:78662
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.06		S58475
GS-7E	7.75		S58475
GS-7E	7.61		S58475
GS-7E	7.30		S58475
GS-7E	7.65		S58475
GS-7E	7.24		S58475

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Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58490
Date Received:	Oct 15, 2020
Date Reported:	Oct 16, 2020
Invoice:	78669
Remarks:	Original Report S58436

Sample Type:	Number	Sample Preparation
Core Pulp	1	None

Standard Procedure:

Samples for Ag (g/tonne) are weighed at 0.5 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Ag	g/tonne	HNO3-HF-HCl04-HCl/AA	1	1000

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58490

SAMPLE(S) OF

1 Core/Pulp

INVOICE #:78669
P.O.: Hanstone2

T. Fiolleau
Doc Project

Original Report S58436. Assay on over-range values from ICP-MS

	Ag g/t	File Name
A0867587	198.9	S58490
ME-8	60.1	S58490
ME-1605	270.8	S58490
ME-1606	116.9	S58490

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58491
Date Received:	Oct 15, 2020
Date Reported:	Oct 16, 2020
Invoice:	78670
Remarks:	Original Report S58437

Sample Type:	Number	Sample Preparation
Core Pulp	5	None

Standard Procedure:

Samples for Ag (g/tonne) are weighed at 0.5 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Ag	g/tonne	HNO3-HF-HCl04-HCl/AA	1	1000

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#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58491

SAMPLE(S) OF

5 Core/Pulp

INVOICE #:78670
P.O.: Hanstone2

T. Fiolleau
Doc Project

Original Report S58437. Assay on over-range values from ICP-MS

	Ag g/t	File Name
A0867636	182.3	S58491
A0867637	173.5	S58491
A0867709	606.8	S58491
A0867710	515.3	S58491
A0867711	260.4	S58491
ME-8	60.1	S58491
ME-1605	270.8	S58491
ME-1606	116.9	S58491

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58511
Geologist:	T. Fiolleau	Date Received:	Oct 22, 2020
Project:	Doc Project	Date Reported:	Nov 16, 2020
Purchase Order:	Hanstone2	Invoice:	78775

Sample Type:	Number	Sample Preparation
Pulp	72	None

ICP-AES Multiacid Digestion HNO_3-$HClO_4$-HF-HCl

The Multiacid digestion liberates most metals that are not completely dissolved with Aqua Regia. Dissolution may not be complete for Cr and Ba minerals(*). Some loss of As and Sb may occur.(□)

Element Name	Lower Detection Limit	Element Name	Lower Detection Limit
Ag	0.5 ppm	Na	100 ppm
Al	100 ppm	Nb	2 ppm
As	5 ppm	Ni	2 ppm
Ba	1 ppm	P	20 ppm
Be	1 ppm	Pb	5 ppm
Bi	5 ppm	Sb	5 ppm
Ca	100 ppm	Sc	1 ppm
Cd	0.4 ppm	Sn	2 ppm
Co	2 ppm	Sr	2 ppm
Cr	2 ppm	Th	2 ppm
Cu	2 ppm	Ti	100 ppm
Fe	0.01 %	U	20 ppm
K	100 ppm	V	2 ppm
La	2 ppm	W	4 ppm
Mg	100 ppm	Y	2 ppm
Mn	5 ppm	Zn	2 ppm
Mo	2 ppm	Zr	2 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	S %
A0867645	0.8	8.01	<5	610	<1	<5	2.32	<0.4	22	68	191	6.48	1.4	6	2.08	1355	<2	3.51	3	14	0.082	8	<0.1
A0867646	8.6	7.74	<5	455	<1	<5	3.38	0.9	21	79	1793	6.7	0.93	7	1.95	1925	<2	2.79	3	13	0.073	17	0.2
A0867647	0.6	7.89	<5	501	<1	<5	3.41	<0.4	26	84	103	7.46	0.73	6	2.31	1550	<2	2.83	3	12	0.077	<5	<0.1
A0867648	<0.5	7.91	<5	561	<1	<5	3.46	<0.4	18	118	102	5.77	0.9	6	1.48	1189	<2	2.78	3	12	0.058	6	<0.1
A0867649	<0.5	7.91	<5	528	<1	<5	4.35	<0.4	17	113	93	5.29	0.88	6	1.26	1172	<2	2.8	3	11	0.066	6	<0.1
A0867650	<0.5	8.03	<5	392	<1	<5	4.25	<0.4	16	106	77	5.19	0.71	6	1.05	1105	<2	3.05	3	9	0.059	8	<0.1
A0867651	0.5	7.2	<5	612	<1	<5	1.59	<0.4	19	111	76	5.8	0.66	9	1.57	1471	<2	4.01	3	19	0.062	<5	<0.1
A0867652	0.8	6.28	<5	611	<1	<5	1.63	<0.4	14	113	70	4.87	0.62	10	1.32	1160	<2	3.5	4	25	0.059	12	0.2
A0867653	0.6	6	<5	1026	<1	<5	2.19	<0.4	16	116	108	5.08	1.04	12	1.34	1151	<2	2.75	6	22	0.06	6	0.1
A0867654	<0.5	5.69	<5	1102	<1	<5	1.61	<0.4	15	132	62	4.61	0.78	12	1.28	1066	<2	2.82	4	38	0.061	5	0.2
A0867655	<0.5	5.19	<5	1043	<1	<5	1.19	<0.4	8	124	36	2.98	0.69	13	0.79	695	<2	2.84	5	27	0.053	<5	0.2
A0867656	<0.5	4.7	<5	1377	<1	<5	1.01	<0.4	8	140	28	2.9	0.87	13	0.82	598	<2	2.32	6	25	0.04	<5	0.2
A0867657	0.9	4.34	<5	1171	<1	<5	2.87	<0.4	8	156	67	2.66	1.01	13	0.79	830	<2	1.84	4	16	0.066	97	0.3
A0867658	<0.5	4.61	<5	1540	<1	<5	2.36	<0.4	8	146	24	3	0.99	12	0.9	742	<2	1.77	3	26	0.057	9	0.2
A0867659	<0.5	5.78	<5	1467	1	<5	1.13	<0.4	10	133	24	3.6	1.43	14	1.08	688	<2	2.48	4	33	0.063	13	0.3
A0867660	<0.5	5.42	<5	1639	<1	<5	1.61	<0.4	8	162	26	3.16	1.33	10	0.93	704	<2	2.05	2	29	0.045	19	0.2
A0867661	2.4	3.78	<5	796	2	<5	0.28	0.6	7	265	24	2.16	1.34	22	0.48	685	3	1.09	<2	21	0.032	45	<0.1
A0867662	3.6	3.27	<5	68	2	<5	0.3	<0.4	7	244	17	2.2	1.19	10	0.35	435	3	1.19	<2	19	0.023	14	1.1
A0867663	10.3	6.22	<5	50	3	<5	1.18	<0.4	12	195	45	4.32	2.59	33	0.79	800	21	1.82	<2	31	0.07	21	2.4
A0867664	5.9	4.7	<5	422	3	<5	0.15	<0.4	9	138	60	3	2.06	18	0.7	412	4	1.57	<2	20	0.036	23	0.5
A0867665	1.2	4.96	<5	1573	1	<5	0.57	<0.4	8	160	47	3.17	1.55	14	0.83	526	<2	1.73	2	30	0.046	63	<0.1
A0867666	0.7	4.36	<5	1730	<1	<5	0.55	<0.4	7	162	21	2.88	1.43	10	0.87	514	<2	1.47	3	19	0.036	18	<0.1
A0867667	0.8	4.09	<5	1824	<1	<5	0.51	<0.4	7	136	21	2.72	1.18	10	0.84	507	<2	1.4	4	19	0.033	10	<0.1
A0867668	<0.5	4.89	<5	2791	1	<5	0.63	<0.4	7	140	37	2.83	0.99	14	0.84	593	<2	2.36	9	24	0.056	8	<0.1
A0867669	<0.5	4.94	<5	1587	<1	<5	0.69	<0.4	9	133	33	3.13	1.14	17	0.85	540	<2	2.36	5	31	0.049	6	<0.1
A0867670	<0.5	4.3	<5	1124	<1	<5	0.45	<0.4	8	133	25	2.62	0.9	14	0.75	469	<2	2.11	4	23	0.024	5	<0.1
A0867670 Re	<0.5	4.16	<5	1108	<1	<5	0.43	<0.4	8	129	25	2.57	0.89	14	0.74	459	<2	2.09	4	23	0.024	6	<0.1
A0867671	<0.5	4.82	<5	936	<1	<5	0.5	<0.4	8	157	18	2.97	0.67	13	0.78	498	<2	2.61	5	25	0.052	6	<0.1
A0867672	<0.5	5.45	<5	955	<1	<5	1.5	<0.4	13	125	60	4.61	0.88	12	1.21	1145	<2	2.4	4	38	0.095	5	0.2
A0867673	0.7	5.71	<5	721	<1	<5	1.74	<0.4	14	176	56	4.86	1.06	14	1.25	1266	<2	2.67	3	47	0.043	22	0.7
A0867674	0.7	5.82	<5	669	<1	<5	1.66	<0.4	15	107	60	4.69	0.98	15	1.18	1152	<2	2.8	3	61	0.054	12	0.6
A0867675	0.6	5.77	<5	837	<1	<5	1.15	<0.4	15	126	67	4.87	0.62	15	1.29	1030	<2	2.77	4	72	0.052	15	0.4
A0867676	<0.5	6.68	<5	590	<1	<5	1.58	<0.4	16	113	51	5.58	0.48	12	1.52	1462	<2	3.69	3	22	0.077	<5	<0.1
A0867677	0.6	6.95	<5	609	<1	<5	0.76	<0.4	18	79	86	5.95	0.53	9	1.64	1562	<2	3.74	3	17	0.054	<5	<0.1
A0867678	0.7	6.84	<5	121	<1	<5	1.74	<0.4	20	93	90	6.12	0.88	9	1.79	1783	<2	3.84	3	15	0.061	45	0.9

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0867679	<0.5	7.45	<5	458	<1	<5	2.79	<0.4	21	57	118	6.71	0.53	7	2.24	2047	<2	3.71	3	10	0.07	<5	0.2
A0867680	0.5	6.47	<5	624	<1	<5	2.96	<0.4	14	108	44	4.68	0.65	8	1.74	924	<2	3	2	17	0.052	14	0.1
A0867681	1	5.65	<5	728	<1	<5	2.4	0.6	15	135	59	4.83	1.26	8	1.61	1086	<2	2	2	18	0.055	25	0.5
A0867682	0.6	6.96	<5	1358	<1	<5	2.56	<0.4	17	154	72	5.45	1.24	8	1.74	1105	<2	2.72	3	19	0.058	7	0.2
A0867683	0.7	7.72	<5	707	<1	<5	2.24	<0.4	22	62	93	6.58	0.64	6	2.32	1360	<2	3.68	2	12	0.076	17	0.3
A0867684	0.7	7.76	<5	555	<1	<5	1.11	<0.4	16	79	84	5.02	0.51	5	1.32	818	<2	4.5	2	11	0.075	17	0.2
A0867685	0.6	7.84	<5	542	<1	<5	1.3	<0.4	16	60	64	5.37	0.5	6	1.52	927	<2	4.33	<2	13	0.069	14	0.2
A0867686	1	7.54	8	491	<1	<5	1.92	3.7	18	94	85	5.88	0.97	7	1.25	1259	<2	3.8	2	13	0.064	146	0.2
A0867687	0.7	7.78	<5	601	<1	<5	2.16	<0.4	19	77	94	5.89	0.89	7	1.72	1359	<2	3.62	3	12	0.07	15	0.2
A0867688	1.2	8	<5	730	1	<5	1.49	<0.4	19	114	135	5.58	1.75	7	1.58	1161	<2	3.12	<2	12	0.065	27	0.4
A0867689	<0.5	7.89	<5	611	<1	<5	1.55	<0.4	14	88	50	4.79	1.25	4	1.38	895	<2	3.59	<2	11	0.036	8	0.3
A0867690	0.9	7.63	<5	567	<1	<5	1.59	<0.4	14	97	185	4.52	1.66	7	1.21	930	<2	3.27	<2	10	0.041	10	0.4
A0867691	0.7	7.94	<5	581	2	<5	1.93	<0.4	10	93	162	3.6	2.04	8	1.01	1036	<2	3.37	2	8	0.047	22	0.6
A0867692	1.6	7.95	<5	543	2	<5	2.12	<0.4	18	87	214	5.69	2.23	7	1.62	1392	<2	2.8	2	12	0.068	65	0.6
A0867693	0.6	8.03	<5	567	<1	<5	2.9	<0.4	16	80	88	5.32	1.2	6	1.4	1205	<2	3.21	2	11	0.052	11	0.4
A0867694	0.7	7.58	<5	646	<1	<5	1.13	<0.4	18	70	127	5.75	1.06	7	1.65	1311	<2	3.61	2	13	0.056	11	<0.1
A0867695	1.7	7.56	<5	788	1	<5	0.65	<0.4	21	80	158	6.68	1.76	8	1.56	1529	<2	3.09	2	14	0.061	98	<0.1
A0867696	29.2	6.67	7	240	2	<5	0.21	2.7	39	199	170	8.71	2.33	17	0.72	2047	23	2.47	<2	18	0.069	141	0.5
A0867697	1.8	8.03	<5	97	2	<5	1.04	0.6	18	101	54	4.85	2.12	7	1.13	2535	<2	4.49	<2	13	0.043	13	1.2
A0867698	2.5	7.6	<5	684	2	<5	0.4	0.4	22	75	123	5.47	2.64	9	1.08	1658	<2	3.65	<2	15	0.052	74	0.3
A0867699	4.9	7.42	<5	912	2	<5	1.17	2.6	25	81	256	6.56	2.66	14	1.09	2103	5	3.05	<2	16	0.085	812	0.4
A0867700	4.5	7.74	<5	863	1	<5	1.72	2	27	88	245	6.92	2.87	11	1.17	2133	3	2.95	<2	16	0.084	661	0.3
A0867701	1.3	8.15	<5	795	2	<5	1.15	2.3	31	80	319	7.25	2.91	9	1.41	2950	<2	2.89	<2	19	0.11	28	0.1
A0867702	1.3	7.98	<5	590	1	<5	0.65	1.2	25	83	154	6.19	2.13	8	1.41	2083	<2	3.55	<2	16	0.098	17	<0.1
A0867703	3.3	7.88	<5	453	2	<5	0.4	2.5	21	71	117	5.59	2	4	1	2580	6	4.25	<2	14	0.055	93	0.6
A0867704	1.3	7.82	<5	578	2	<5	0.27	1.8	15	64	58	4.96	2.31	4	0.69	1938	<2	4.22	<2	11	0.057	10	0.2
A0867705	6.9	6.48	<5	620	2	<5	0.25	2.3	20	140	108	4.73	2.97	10	0.55	774	4	1.24	<2	11	0.039	134	0.4
A0867706	8.8	5.93	<5	46	4	<5	1.58	0.4	19	139	80	4.24	3.24	6	0.94	1485	<2	0.82	<2	12	0.043	19	2.4
A0867706 Re	8	5.78	<5	42	4	<5	1.54	0.5	18	136	79	4.17	3.2	6	0.91	1457	<2	0.81	<2	12	0.041	15	2.3
A0867707	3.4	7.05	<5	223	3	<5	2.65	0.5	17	109	365	5.06	3.12	7	1.22	1822	<2	1.86	<2	11	0.051	47	1.5
A0867708	8.4	7.34	<5	170	3	<5	2.37	5.9	16	87	1385	4.88	2.45	9	1.4	1941	<2	3.23	<2	13	0.05	733	1.6
A0867709	>200.0	1.82	<5	13	<1	<5	0.5	3.9	23	215	332	6.96	0.54	15	0.19	339	14	0.71	<2	17	0.018	567	7
A0867710	>200.0	3.53	<5	21	3	<5	0.21	22.2	22	215	1354	6.76	1.66	28	0.42	196	33	0.47	<2	15	0.027	>10000	6.3
A0867711	>200.0	3.9	<5	24	3	<5	0.29	15.7	21	229	698	5.79	1.98	22	0.49	454	18	0.51	<2	16	0.027	4428	4.4
A0867712	1.8	8.06	<5	604	1	<5	0.98	35.2	23	53	310	5.97	2.31	8	0.91	2024	<2	3.33	2	13	0.079	97	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0867713	0.9	8.06	<5	779	<1	<5	1.38	3.9	17	54	73	5.42	2.01	9	1.06	1157	<2	2.89	3	11	0.064	30	0.1
A0867714	0.5	7.67	<5	706	<1	<5	1.66	1.4	18	85	83	5.37	1.11	7	1.49	1027	<2	3.34	<2	13	0.072	10	0.2
A0867715	0.6	7.29	<5	533	<1	<5	3.35	<0.4	17	105	128	5.25	1.58	6	1.35	1185	<2	2.34	<2	10	0.065	23	0.5
A0867716	0.5	7.23	<5	372	<1	<5	2.29	<0.4	20	79	106	5.76	0.77	7	1.7	1089	<2	2.97	<2	14	0.052	15	0.2
STD OREAS45E	0.9	7.06	17	268	<1	<5	0.06	<0.4	59	1057	797	25.65	0.34	11	0.16	582	<2	0.06	7	472	0.035	14	<0.1
STD OREAS25A-4A	<0.5	9.52	10	152	<1	<5	0.3	<0.4	7	117	30	6.85	0.51	20	0.32	516	<2	0.14	20	47	0.051	27	<0.1
STD OREAS25A-4A	<0.5	9.18	11	150	<1	<5	0.3	<0.4	7	113	30	6.59	0.51	20	0.32	496	<2	0.14	19	46	0.05	26	<0.1
STD OREAS45H	0.6	8.21	16	349	1	<5	0.14	<0.4	86	653	759	20	0.21	13	0.25	395	<2	0.09	14	435	0.024	10	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS
Multiacid Digestion

Element / Sample	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A0867645	<5	29	<2	166	<2	0.65	<20	260	<4	20	102	4
A0867646	<5	30	<2	277	<2	0.65	<20	271	7	13	147	3
A0867647	<5	32	<2	173	<2	0.72	<20	313	<4	23	113	4
A0867648	<5	26	<2	182	<2	0.57	<20	203	<4	23	89	3
A0867649	<5	23	2	200	<2	0.5	<20	185	<4	25	80	5
A0867650	<5	22	<2	249	<2	0.5	<20	181	<4	25	80	7
A0867651	<5	25	<2	109	<2	0.59	<20	218	<4	20	261	<2
A0867652	<5	19	<2	89	<2	0.5	<20	173	<4	17	156	<2
A0867653	<5	21	<2	88	<2	0.54	<20	197	<4	22	116	4
A0867654	<5	18	<2	89	<2	0.51	<20	169	<4	20	117	3
A0867655	<5	12	<2	79	<2	0.38	<20	91	<4	12	78	<2
A0867656	<5	11	<2	75	<2	0.37	<20	83	<4	12	61	<2
A0867657	<5	10	<2	82	<2	0.29	<20	70	<4	14	75	2
A0867658	<5	12	<2	76	<2	0.32	<20	85	<4	12	69	2
A0867659	<5	14	<2	92	<2	0.36	<20	100	<4	8	102	<2
A0867660	<5	12	<2	93	<2	0.28	<20	92	<4	8	83	<2
A0867661	<5	11	<2	25	<2	0.12	<20	76	15	6	50	<2
A0867662	<5	7	<2	41	<2	0.07	<20	70	11	5	36	<2
A0867663	<5	14	<2	74	<2	0.16	<20	132	17	10	75	<2
A0867664	<5	11	<2	57	<2	0.14	<20	98	18	5	57	<2
A0867665	<5	12	<2	77	<2	0.26	<20	93	9	8	82	<2
A0867666	<5	11	<2	62	<2	0.29	<20	84	<4	7	67	<2
A0867667	<5	10	<2	58	<2	0.28	<20	79	<4	9	58	<2
A0867668	<5	11	<2	83	<2	0.34	<20	78	<4	12	63	<2
A0867669	<5	12	<2	84	<2	0.36	<20	88	<4	9	64	<2
A0867670	<5	9	<2	69	<2	0.27	<20	69	<4	6	53	<2
A0867670 Re	<5	9	<2	67	<2	0.27	<20	69	<4	6	52	<2
A0867671	<5	13	<2	70	<2	0.36	<20	94	<4	9	49	<2
A0867672	<5	18	<2	94	<2	0.49	<20	173	<4	13	119	4
A0867673	<5	19	<2	128	<2	0.46	<20	178	6	7	116	<2
A0867674	<5	19	<2	115	<2	0.49	<20	180	6	8	128	3
A0867675	<5	19	2	84	<2	0.52	<20	191	<4	8	147	<2
A0867676	<5	23	<2	91	<2	0.55	<20	206	<4	12	124	<2
A0867677	<5	22	<2	76	<2	0.52	<20	202	<4	9	131	<2
A0867678	<5	23	<2	133	<2	0.49	<20	196	7	12	178	2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A0867679	<5	27	<2	87	<2	0.64	<20	239	<4	23	184	4
A0867680	<5	20	<2	126	<2	0.42	<20	168	<4	16	91	3
A0867681	<5	19	<2	125	<2	0.37	<20	170	6	10	109	<2
A0867682	<5	23	<2	107	<2	0.53	<20	206	<4	22	88	3
A0867683	<5	28	<2	157	<2	0.52	<20	272	<4	10	121	<2
A0867684	<5	20	<2	163	<2	0.39	<20	163	5	9	81	<2
A0867685	<5	23	<2	157	<2	0.43	<20	183	<4	8	96	<2
A0867686	5	25	<2	145	<2	0.45	<20	203	10	7	192	<2
A0867687	<5	25	<2	185	<2	0.52	<20	205	<4	12	105	<2
A0867688	<5	25	<2	139	<2	0.41	<20	210	7	11	108	<2
A0867689	<5	21	<2	174	<2	0.36	<20	143	5	6	86	<2
A0867690	<5	21	<2	164	<2	0.34	<20	136	6	8	84	<2
A0867691	<5	17	<2	181	<2	0.28	<20	110	9	9	78	<2
A0867692	<5	26	<2	181	<2	0.45	<20	219	14	9	135	<2
A0867693	<5	25	<2	211	<2	0.53	<20	185	<4	15	90	2
A0867694	<5	25	<2	137	<2	0.53	<20	206	<4	11	110	<2
A0867695	<5	26	<2	110	<2	0.5	<20	231	7	9	133	<2
A0867696	<5	17	<2	67	<2	0.12	<20	227	26	7	146	<2
A0867697	<5	20	<2	114	<2	0.18	<20	111	16	5	135	<2
A0867698	<5	24	<2	64	<2	0.21	<20	175	13	5	176	<2
A0867699	<5	33	<2	68	<2	0.23	<20	268	17	7	297	<2
A0867700	<5	34	<2	69	<2	0.24	<20	282	12	8	260	<2
A0867701	<5	37	<2	69	<2	0.24	<20	316	11	9	239	<2
A0867702	<5	29	<2	69	<2	0.22	<20	215	13	8	240	<2
A0867703	<5	22	<2	72	<2	0.2	<20	164	24	5	275	<2
A0867704	<5	20	<2	60	<2	0.19	<20	146	16	5	177	<2
A0867705	<5	18	<2	38	<2	0.13	<20	135	18	4	181	<2
A0867706	<5	18	<2	60	<2	0.12	<20	162	20	5	99	<2
A0867706 Re	<5	17	<2	58	<2	0.12	<20	157	20	5	95	<2
A0867707	<5	24	<2	84	<2	0.18	<20	182	18	5	129	<2
A0867708	<5	24	<2	116	<2	0.17	<20	163	16	6	295	<2
A0867709	<5	6	<2	29	<2	0.02	<20	30	<4	5	198	<2
A0867710	<5	12	<2	30	5	0.06	<20	71	10	16	1100	<2
A0867711	<5	14	<2	25	<2	0.06	<20	76	14	9	1086	<2
A0867712	<5	26	<2	79	<2	0.44	<20	222	7	8	1732	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 72 Pulp

Report No: S58511
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0867713	<5	23	<2	114	<2	0.47	<20	182	5	8	370	<2
A0867714	<5	23	<2	157	<2	0.41	<20	181	<4	9	143	<2
A0867715	<5	21	<2	166	<2	0.34	<20	172	<4	10	102	<2
A0867716	<5	25	<2	169	<2	0.45	<20	204	<4	11	98	<2
STD OREAS45E	<5	98	<2	17	13	0.55	<20	316	<4	7	46	97
STD OREAS25A-4A	<5	14	5	47	14	0.99	<20	163	<4	10	45	156
STD OREAS25A-4A	6	14	5	46	14	0.92	<20	156	<4	10	44	149
STD OREAS45H	7	59	3	28	8	0.88	<20	266	<4	9	39	121
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58512
Geologist:	T. Fiolleau	Date Received:	Oct 22, 2020
Project:	Doc Project	Date Reported:	Nov 16, 2020
Purchase Order:	Hanstone2	Invoice:	78776

Sample Type:	Number	Sample Preparation
Pulp	39	None

ICP-AES Multiacid Digestion HNO_3-$HClO_4$-HF-HCl

The Multiacid digestion liberates most metals that are not completely dissolved with Aqua Regia. Dissolution may not be complete for Cr and Ba minerals(*). Some loss of As and Sb may occur.

Element Name	Lower Detection Limit	Element Name	Lower Detection Limit
Ag	0.5 ppm	Na	100 ppm
Al	100 ppm	Nb	2 ppm
As	5 ppm	Ni	2 ppm
Ba	1 ppm	P	20 ppm
Be	1 ppm	Pb	5 ppm
Bi	5 ppm	Sb	5 ppm
Ca	100 ppm	Sc	1 ppm
Cd	0.4 ppm	Sn	2 ppm
Co	2 ppm	Sr	2 ppm
Cr	2 ppm	Th	2 ppm
Cu	2 ppm	Ti	100 ppm
Fe	0.01 %	U	20 ppm
K	100 ppm	V	2 ppm
La	2 ppm	W	4 ppm
Mg	100 ppm	Y	2 ppm
Mn	5 ppm	Zn	2 ppm
Mo	2 ppm	Zr	2 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 39 Pulp

Report No: S58512
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0867852	<0.5	6.76	<5	435	<1	<5	4.88	<0.4	11	77	38	4.08	2.48	17	2.31	512	<2	1.67	<2	12	0.176	<5	<0.1
A0867853	<0.5	8.31	<5	717	<1	<5	0.94	<0.4	15	97	35	5.55	2.61	11	2.2	489	<2	2.58	<2	13	0.06	7	<0.1
A0867854	<0.5	7.77	<5	672	<1	<5	1.15	<0.4	17	67	15	5.85	3.32	9	2.19	311	<2	1.96	<2	12	0.052	<5	<0.1
A0867855	<0.5	7.22	<5	383	1	<5	2.23	<0.4	20	84	16	5.41	2.36	14	1.94	401	<2	2.84	<2	12	0.112	39	0.1
A0867856	<0.5	6.4	<5	222	<1	<5	2.17	<0.4	13	76	43	4.65	1.26	12	2.48	447	<2	2.44	4	20	0.315	<5	<0.1
A0867857	0.7	7.62	<5	460	1	<5	0.48	<0.4	19	98	132	4.45	1.61	10	2.16	309	<2	3.07	<2	16	0.048	<5	<0.1
A0867858	<0.5	5.61	<5	269	<1	<5	6.78	<0.4	10	67	10	3.58	1.1	9	2.62	889	<2	2.04	2	19	0.075	<5	<0.1
A0867859	<0.5	7.94	<5	393	<1	<5	4.85	<0.4	20	75	33	5.54	1.08	15	3.45	916	<2	2.84	6	34	0.168	<5	<0.1
A0867860	<0.5	7.85	<5	349	<1	<5	1.99	<0.4	11	58	11	4.05	1.42	6	2.26	294	<2	3.69	<2	24	0.03	<5	<0.1
A0867861	0.6	6.13	<5	355	<1	<5	6.2	<0.4	9	123	19	3.72	2.46	8	1.78	443	<2	1.58	<2	22	0.05	<5	<0.1
A0867862	<0.5	8.44	<5	418	1	<5	4.44	<0.4	19	52	35	5.81	1.38	16	2.97	915	<2	2.99	11	33	0.161	<5	<0.1
A0867863	<0.5	7.54	<5	340	<1	<5	7.77	<0.4	17	72	33	5	1.06	14	2.72	936	<2	2.48	6	27	0.132	<5	<0.1
A0867864	0.5	7.96	<5	429	<1	<5	6.34	<0.4	21	62	40	5.62	1.25	14	2.88	984	<2	2.69	4	35	0.161	13	<0.1
A0867865	<0.5	6.59	<5	344	<1	<5	2.91	<0.4	18	124	8	4.81	2.39	11	2.43	397	<2	1.78	<2	27	0.366	5	0.1
A0867866	1.9	6.75	<5	321	1	<5	1.93	<0.4	18	84	29	4.29	2.17	12	2.06	374	<2	2.84	<2	14	0.121	12	0.7
A0867867	0.5	6.75	<5	465	2	<5	2.95	<0.4	11	129	20	4.17	3.01	13	1.83	531	<2	1.73	3	15	0.074	9	0.2
A0867868	0.6	7.99	6	1620	2	<5	2.7	<0.4	20	55	21	5.92	2.9	29	2.85	837	<2	2.36	18	33	0.265	13	0.2
A0867869	0.5	7.68	<5	1690	2	<5	2.43	<0.4	20	73	31	6.05	2.82	26	2.97	771	<2	2.22	17	33	0.247	15	0.3
A0867870	1.6	6.97	<5	779	3	<5	0.61	<0.4	17	82	61	4.9	2.93	13	1.83	741	<2	0.76	4	21	0.073	9	<0.1
A0867871	4	0.28	<5	69	<1	11	0.05	<0.4	5	430	13	0.93	0.15	<2	0.06	148	<2	0.02	<2	11	0.002	9	0.2
A0867872	7.4	1.73	<5	169	<1	6	0.11	<0.4	10	210	297	1.84	0.83	4	0.53	536	<2	0.02	<2	12	0.022	10	<0.1
A0867873	39.7	1.6	6	518	<1	9	0.12	0.4	14	461	189	2.63	0.62	15	0.25	473	10	0.4	<2	16	0.023	62	0.2
A0867874	12.7	5.9	<5	113	2	<5	3.02	1.5	22	128	37	4.39	2.61	24	1.31	1907	10	1.55	<2	15	0.07	154	2.1
A0867875	1.7	5.52	<5	120	2	<5	3.31	0.7	17	204	19	4.33	2.53	14	1.51	1670	3	1.13	<2	17	0.063	12	2.4
A0867876	3.8	5.14	<5	165	2	<5	1.6	0.6	14	143	17	4	1.46	10	1.69	918	4	2.4	<2	16	0.073	779	1.8
A0867877	6.7	3.45	<5	241	2	<5	0.31	0.8	12	317	18	2.88	1.05	6	0.61	620	3	1.49	<2	15	0.049	885	0.3
A0867878	7.5	5.1	<5	371	3	<5	0.23	2.2	17	162	21	3.96	2.42	21	0.68	886	36	1.42	<2	14	0.046	1352	0.6
A0867879	4.3	7.45	<5	706	4	<5	0.35	1.2	18	159	69	5.21	3.89	11	1.21	808	4	1.79	<2	14	0.033	220	0.4
A0867880	4.5	6.73	<5	626	4	<5	0.29	1	14	108	46	4.58	3.59	8	1.13	705	3	1.41	<2	11	0.023	299	<0.1
A0867881	0.9	8.26	<5	717	2	<5	1.07	<0.4	7	74	64	5.18	3.16	9	1.56	711	<2	2.61	<2	11	0.025	102	<0.1
A0867882	0.9	8.26	<5	688	2	<5	1.04	<0.4	10	60	27	5.52	4.1	10	1.72	478	<2	2.02	<2	10	0.042	156	<0.1
A0867883	0.5	7.78	<5	632	1	<5	1.5	<0.4	14	82	44	5.79	3.55	10	1.82	489	<2	1.97	<2	10	0.055	18	<0.1
A0867884	0.8	6.89	<5	411	1	<5	2.26	<0.4	18	58	86	5.9	2.51	8	2.4	405	<2	2.22	<2	14	0.173	11	<0.1
A0867885	<0.5	7.04	<5	550	1	<5	1.08	<0.4	15	111	24	5.65	1.92	12	2.5	322	<2	2.12	<2	21	0.052	5	0.2
A0867885 Re	<0.5	7.26	<5	556	1	<5	1.11	<0.4	14	112	24	5.67	1.93	13	2.52	324	<2	2.13	<2	20	0.051	6	0.2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 39 Pulp

Report No: S58512
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0867886	<0.5	5.46	<5	284	<1	<5	7.37	<0.4	18	85	26	4.81	1.26	12	1.83	697	<2	1.22	<2	20	0.177	<5	0.6
A0867887	<0.5	6.45	<5	495	1	<5	1.99	<0.4	11	169	25	4.67	1.95	11	1.75	329	<2	1.91	<2	16	0.057	5	0.3
A0867888	<0.5	7.75	<5	297	<1	<5	4.43	<0.4	21	73	58	5.13	1.03	14	2.16	724	<2	2.88	4	9	0.14	5	0.4
A0867889	<0.5	2	<5	74	<1	<5	10.33	<0.4	5	108	44	1.28	0.5	5	4.35	446	<2	0.33	<2	9	0.057	<5	<0.1
A0867890	3.9	9.5	<5	1053	4	<5	0.19	<0.4	24	115	40	6.46	5.04	11	1.33	801	3	1.12	2	26	0.03	10	0.2
STD OREAS45E	0.7	6.89	18	257	<1	<5	0.07	<0.4	56	1004	749	26.07	0.35	12	0.16	558	3	0.06	7	478	0.034	13	<0.1
STD OREAS25A-4A	<0.5	9.18	11	151	<1	<5	0.28	<0.4	8	104	28	6.86	0.51	19	0.33	486	3	0.13	19	44	0.049	24	<0.1
STD OREAS25A-4A	<0.5	8.97	10	146	<1	<5	0.29	<0.4	7	112	29	6.52	0.5	20	0.31	487	<2	0.13	19	46	0.049	24	<0.1
STD OREAS45H	0.6	8.05	16	350	1	<5	0.14	<0.4	88	647	769	20.25	0.21	13	0.25	398	<2	0.09	14	441	0.024	10	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 39 Pulp

Report No: S58512
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A0867852	<5	18	<2	126	<2	0.37	<20	169	<4	23	9	40
A0867853	<5	23	<2	98	<2	0.39	<20	164	<4	12	23	<2
A0867854	<5	24	<2	99	<2	0.51	<20	186	<4	15	17	<2
A0867855	<5	21	<2	106	<2	0.35	<20	186	<4	8	37	2
A0867856	<5	15	<2	114	<2	0.31	<20	278	<4	18	23	5
A0867857	<5	21	<2	73	<2	0.29	<20	473	<4	8	19	10
A0867858	<5	15	<2	139	<2	0.32	<20	183	<4	14	15	20
A0867859	<5	20	2	296	<2	0.47	<20	210	<4	19	40	9
A0867860	<5	17	<2	87	<2	0.35	<20	214	<4	10	14	2
A0867861	<5	14	<2	84	<2	0.32	<20	174	<4	11	11	14
A0867862	<5	18	<2	191	<2	0.44	<20	184	<4	17	40	6
A0867863	<5	19	<2	274	<2	0.38	<20	157	<4	18	34	32
A0867864	<5	20	<2	288	<2	0.37	<20	167	<4	17	37	8
A0867865	<5	19	<2	126	<2	0.29	<20	163	<4	12	52	3
A0867866	<5	18	<2	147	3	0.23	<20	162	<4	7	59	2
A0867867	<5	17	<2	131	<2	0.3	<20	282	5	8	64	17
A0867868	<5	16	<2	346	<2	0.76	<20	169	<4	17	102	97
A0867869	<5	16	<2	304	<2	0.74	<20	158	4	17	107	92
A0867870	<5	19	<2	57	2	0.39	<20	193	12	7	88	20
A0867871	<5	<1	<2	4	<2	0.01	<20	12	<4	<2	5	<2
A0867872	<5	6	<2	12	<2	0.05	<20	43	6	3	26	5
A0867873	6	6	<2	20	<2	0.03	<20	39	<4	6	57	5
A0867874	<5	15	<2	129	<2	0.09	<20	87	9	10	85	<2
A0867875	<5	15	<2	152	2	0.11	<20	133	11	8	81	3
A0867876	<5	12	<2	164	<2	0.15	<20	160	14	7	91	23
A0867877	<5	8	<2	56	<2	0.08	<20	75	11	6	61	11
A0867878	<5	13	<2	38	<2	0.09	<20	114	14	5	142	4
A0867879	<5	20	<2	57	<2	0.25	<20	163	16	6	138	<2
A0867880	<5	19	<2	53	<2	0.27	<20	154	16	4	145	<2
A0867881	<5	25	<2	158	<2	0.51	<20	179	14	4	142	<2
A0867882	<5	25	<2	118	<2	0.48	<20	183	<4	5	116	<2
A0867883	<5	23	<2	78	<2	0.44	<20	215	<4	6	64	<2
A0867884	<5	20	<2	73	<2	0.37	<20	290	<4	9	73	4
A0867885	<5	20	<2	63	<2	0.3	<20	206	<4	5	18	3
A0867885 Re	<5	21	<2	65	<2	0.3	<20	205	<4	5	18	3

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 39 Pulp

Report No: S58512
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0867886	<5	14	<2	168	<2	0.26	<20	168	<4	13	7	16
A0867887	<5	19	<2	80	<2	0.29	<20	204	<4	7	14	6
A0867888	<5	14	<2	204	<2	0.45	<20	207	<4	21	28	5
A0867889	<5	5	<2	106	<2	0.12	<20	250	<4	7	18	9
A0867890	6	26	<2	38	3	0.44	<20	295	28	5	89	<2
STD OREAS45E	9	94	6	16	9	0.51	<20	313	<4	9	46	99
STD OREAS25A-4A	<5	13	4	45	10	0.9	<20	147	<4	10	44	142
STD OREAS25A-4A	5	13	5	45	13	0.91	<20	155	<4	10	43	147
STD OREAS45H	5	60	2	27	8	0.88	<20	267	<4	9	39	120
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Axiom Group	TSL Report:	S58653
Geologist:	T. Fiolleau	Date Received:	Nov 19, 2020
Project:	Doc	Date Reported:	Dec 10, 2020
Purchase Order:	20.2037.HSG	Invoice:	78887

Sample Type:	Number	Sample Preparation
Pulp	51	None

ICP-MS Aqua Regia Digestion $HCl-HNO_3$

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 51 Pulp

Report No: S58653
Date: December 10, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	S %
35801	3	9.23	<5	794	3	<5	0.23	1.2	29	34	283	7.11	3.75	3	1.94	1787	3	2.51	<2	16	0.064	662	<0.1
35802	0.9	9.51	<5	779	2	<5	1.85	3.5	30	31	457	7.26	3.68	6	1.12	2620	<2	2.32	<2	19	0.063	28	<0.1
35803	2	9.89	<5	1009	3	<5	0.13	1.8	38	32	381	7.67	5.24	5	0.71	4620	6	1.3	<2	18	0.049	34	<0.1
35804	8.6	6.52	<5	490	5	<5	0.06	<0.4	12	25	309	7.16	4.34	3	0.81	471	20	0.12	<2	10	0.032	80	<0.1
35805	11.7	4.89	11	1011	3	14	0.32	0.6	16	27	473	9.87	2.88	28	0.48	1091	29	0.06	<2	33	0.046	264	0.3
35806	94.3	6.12	<5	862	2	<5	4.39	5.4	26	122	1277	6.21	2.57	39	0.67	1878	7	2.07	3	142	0.127	1861	0.3
35807	1.9	8.29	<5	721	2	<5	2.25	1.3	27	11	165	6.24	2.14	14	1.12	1454	<2	5.37	3	8	0.197	21	0.2
35807 Re	2.2	8.46	<5	746	2	<5	2.31	1.2	27	10	171	6.49	2.21	14	1.16	1495	<2	5.55	3	9	0.198	29	0.2
35808	<0.5	5.62	6	219	1	<5	1.08	<0.4	8	29	23	4.07	1.46	17	1.22	408	<2	1.46	<2	65	0.097	8	0.1
35809	1.9	6.16	<5	304	1	<5	4.37	0.9	15	65	64	4.38	1.06	19	1.64	1164	<2	2.57	6	94	0.08	55	0.8
35810	0.5	6.69	<5	286	1	<5	1.83	<0.4	14	59	40	4.57	1.19	16	1.84	504	<2	2.24	4	105	0.058	18	0.4
35811	<0.5	6.36	<5	392	1	<5	0.42	<0.4	9	43	32	3.73	1.07	17	1.34	224	<2	2.65	3	96	0.047	11	0.3
35812	<0.5	6.44	<5	204	1	<5	0.89	<0.4	8	39	23	3.92	0.56	17	1.34	283	<2	3.16	4	75	0.04	9	0.2
35813	0.6	6.3	<5	271	1	<5	0.92	<0.4	8	37	30	4.03	0.66	16	1.38	321	<2	2.9	5	83	0.037	7	0.1
35814	<0.5	6.49	5	280	1	<5	2.49	<0.4	12	60	24	4.11	0.94	19	1.61	510	<2	2.38	9	91	0.126	10	0.1
35815	<0.5	5.71	<5	236	1	<5	9.91	<0.4	16	80	37	4.67	0.31	17	1.83	1926	<2	1.4	12	118	0.111	6	<0.1
35816	<0.5	6.95	<5	230	1	<5	5.7	<0.4	29	144	51	5.78	0.48	18	2.92	1303	<2	2.14	16	167	0.126	7	0.1
35817	<0.5	6.94	<5	243	1	<5	1.4	<0.4	10	30	26	4.6	1.12	15	1.71	416	<2	2.46	3	57	0.063	12	<0.1
35818	<0.5	6.15	<5	276	1	<5	0.29	<0.4	9	38	37	4.38	1.26	12	1.59	267	<2	2.09	<2	58	0.049	7	<0.1
35819	<0.5	6.69	5	437	2	<5	0.9	0.4	8	32	25	4.53	1.76	20	1.64	880	<2	1.69	2	88	0.144	10	<0.1
35820	<0.5	6.45	6	385	1	<5	0.33	0.7	10	47	27	4.36	1.41	16	1.68	261	<2	2.22	<2	70	0.082	24	<0.1
35821	<0.5	5.95	<5	342	1	<5	0.25	<0.4	10	53	42	3.97	1.14	16	1.19	184	2	2.38	<2	95	0.041	9	0.5
35822	<0.5	5.46	<5	434	1	<5	0.2	<0.4	8	60	30	3.09	1.48	14	1.15	205	<2	1.49	<2	68	0.024	20	<0.1
35823	<0.5	5.16	<5	288	1	<5	0.16	<0.4	6	55	17	3.02	1.55	12	1.11	188	<2	1.3	<2	46	0.025	23	<0.1
35824	<0.5	6.41	<5	363	1	<5	0.19	<0.4	10	63	43	4.01	1.95	17	1.42	229	<2	1.25	<2	66	0.024	45	<0.1
35825	<0.5	5.81	<5	333	1	<5	0.27	<0.4	8	56	24	3.47	1.67	13	1.3	216	<2	1.49	3	56	0.018	14	<0.1
29026	0.5	6.93	<5	460	1	<5	5.45	0.7	10	62	94	4.24	1.05	24	1.56	780	<2	2.16	5	72	0.068	<5	<0.1
29027	0.9	8.3	<5	473	<1	7	4.44	<0.4	23	41	134	6.59	0.66	9	2.09	1332	<2	3.81	3	26	0.06	5	<0.1
29028	0.8	8.34	<5	342	<1	<5	5.2	0.7	32	37	218	7.27	1.01	5	3.01	2294	<2	3.26	<2	16	0.055	16	<0.1
29029	1.3	9.06	<5	665	2	<5	2.09	1.9	36	35	43	7.66	1.8	7	3.07	2366	<2	3.53	<2	23	0.063	27	<0.1
29030	0.6	8.7	<5	273	<1	<5	4.83	0.8	32	32	105	7.12	0.89	5	3.12	2013	<2	2.96	<2	19	0.062	11	<0.1
29031	1.3	8.25	<5	269	2	<5	4.21	0.5	29	24	149	6.98	2.65	5	2.53	1988	<2	3.06	<2	13	0.063	6	0.4
29032	1.6	8.54	<5	288	2	<5	1.83	2.6	28	24	91	7.08	2.26	11	2.46	1968	<2	4.26	<2	15	0.063	42	<0.1
29033	0.5	7.77	<5	261	<1	<5	4.48	1.5	30	21	106	7.21	1.24	6	2.7	1961	<2	3.31	<2	15	0.064	13	<0.1
29034	<0.5	3.05	9	123	<1	<5	9.28	<0.4	5	31	16	2.17	1.33	11	0.44	992	<2	0.22	<2	57	0.059	5	0.7

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 51 Pulp

Report No: S58653
Date: December 10, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
29035	<0.5	3.19	10	138	<1	<5	10.03	<0.4	6	36	17	2.29	1.41	15	0.43	1070	<2	0.21	<2	64	0.064	8	0.8
29036	0.7	1.86	11	180	<1	<5	15.32	1.4	3	21	39	1.44	0.88	11	0.17	2258	<2	0.04	<2	26	0.034	17	0.2
29037	7	1.82	8	189	<1	<5	9.05	5.8	3	18	230	2.73	0.87	9	0.19	3416	<2	0.03	<2	24	0.043	252	0.4
29038	9.9	1.79	60	364	<1	12	1.34	1.4	7	21	372	8.22	0.62	12	0.38	6843	5	0.01	<2	47	0.061	100	0.4
29038 Re	10	1.79	57	512	<1	<5	1.34	1.2	7	20	368	8.17	0.61	11	0.37	6836	5	0.01	<2	45	0.059	99	0.4
29039	0.8	1.61	<5	408	<1	<5	2.42	0.8	4	17	33	10.57	0.55	13	0.47	>10000	6	<0.01	<2	36	0.043	12	0.1
29040	0.9	1.84	<5	181	<1	<5	4.84	0.5	5	17	10	7.73	0.92	10	1.18	>10000	3	0.02	<2	36	0.033	<5	0.9
29041	0.9	3.31	<5	113	<1	<5	2.95	1.2	6	28	31	9.11	1.29	12	1.3	>10000	<2	0.06	3	45	0.044	24	1
29042	4.1	3.9	9	48	1	<5	0.57	0.5	8	27	62	3.96	2.02	6	0.43	1381	3	0.04	<2	43	0.009	54	1.1
29043	1.5	3.3	<5	53	<1	<5	2.37	0.5	6	32	56	7.25	1.43	12	1.02	6492	<2	0.03	<2	42	0.046	21	1.1
29044	6.6	2.59	6	88	<1	11	0.73	0.9	5	26	485	4.01	1.24	12	0.27	2945	<2	0.03	2	34	0.056	98	0.6
29045	2.9	3.94	9	738	1	<5	0.52	1.2	6	34	124	3.17	2.01	9	0.24	1574	3	0.06	<2	42	0.061	36	<0.1
29046	2.8	4.37	8	1023	1	<5	0.19	0.8	7	34	136	3.29	2.03	10	0.4	1833	<2	0.06	<2	37	0.048	12	<0.1
29047	1.2	4.44	19	635	1	<5	0.9	1.5	8	34	68	2.91	2.29	12	0.2	1103	3	0.06	<2	52	0.058	34	<0.1
29048	2.7	5.51	8	842	2	<5	0.53	1.5	10	34	57	4.19	3.16	12	0.44	1811	2	0.06	<2	56	0.092	27	0.4
29049	0.9	5.18	<5	420	1	<5	1.86	0.5	8	26	26	3.92	2.82	9	1.23	914	<2	0.33	<2	34	0.086	13	0.6
29050	3.8	4.71	<5	610	<1	<5	2.97	<0.4	7	21	2174	3.27	0.5	13	1.02	750	<2	1.92	3	16	0.043	<5	0.2
37301	0.7	6.29	<5	823	<1	<5	4.27	<0.4	13	17	72	4.16	0.91	11	1.21	1352	<2	2.05	2	21	0.062	<5	0.3
STD OREAS25A-4A	<0.5	8.91	12	145	<1	<5	0.29	<0.4	7	112	29	6.55	0.51	19	0.32	492	2	0.12	17	45	0.049	29	<0.1
STD OREAS45H	<0.5	7.92	16	333	1	<5	0.14	<0.4	87	644	776	19.47	0.21	12	0.24	396	<2	0.08	12	435	0.023	10	<0.1
STD OREAS25A-4A	<0.5	8.57	12	145	<1	<5	0.28	<0.4	8	112	29	6.48	0.5	19	0.31	484	2	0.12	18	44	0.049	20	<0.1
STD OREAS45H	<0.5	7.98	16	331	1	<5	0.13	<0.4	85	646	758	19.78	0.21	13	0.24	391	<2	0.08	12	425	0.024	13	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 51 Pulp

Report No: S58653
Date: December 10, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
35801	<5	35	<2	90	<2	0.27	<20	321	17	5	211	<2
35802	<5	34	<2	102	<2	0.15	<20	285	20	12	238	<2
35803	<5	37	<2	52	<2	0.15	<20	331	25	7	135	2
35804	<5	23	<2	10	<2	0.12	<20	300	105	<2	93	3
35805	<5	16	<2	14	<2	0.08	<20	193	>200	5	67	6
35806	6	18	<2	70	<2	0.24	<20	157	15	11	395	<2
35807	<5	15	<2	154	<2	0.3	<20	156	9	11	129	2
35807 Re	<5	15	3	158	<2	0.31	<20	158	8	11	131	<2
35808	<5	11	<2	83	<2	0.19	<20	109	<4	9	63	<2
35809	<5	13	2	117	<2	0.38	<20	116	5	14	96	5
35810	<5	13	<2	92	<2	0.27	<20	118	<4	7	70	5
35811	<5	10	<2	109	<2	0.2	<20	101	<4	7	47	3
35812	<5	11	2	102	<2	0.44	<20	107	<4	19	48	3
35813	<5	11	<2	106	<2	0.46	<20	110	<4	18	49	4
35814	<5	12	3	102	<2	0.58	<20	104	<4	28	57	6
35815	<5	13	3	209	<2	0.65	<20	117	<4	31	72	15
35816	<5	18	3	152	<2	0.93	<20	160	<4	26	82	14
35817	<5	16	<2	107	<2	0.51	<20	146	<4	21	73	3
35818	<5	14	<2	97	<2	0.2	<20	144	<4	7	66	5
35819	<5	11	2	90	<2	0.22	<20	98	6	14	69	7
35820	<5	13	2	119	<2	0.2	<20	132	<4	8	91	5
35821	<5	11	2	119	<2	0.17	<20	121	<4	5	59	5
35822	<5	10	2	64	<2	0.15	<20	86	<4	3	49	3
35823	<5	9	<2	52	<2	0.15	<20	70	14	3	54	<2
35824	<5	11	3	55	<2	0.21	<20	94	<4	4	75	<2
35825	<5	10	<2	53	3	0.19	<20	80	<4	3	63	<2
29026	<5	12	<2	111	2	0.33	<20	90	<4	25	115	6
29027	<5	28	4	168	<2	0.6	<20	254	4	20	99	9
29028	<5	36	<2	194	<2	0.31	<20	295	<4	11	153	4
29029	<5	43	<2	88	<2	0.2	<20	329	14	11	193	3
29030	<5	37	<2	162	<2	0.44	<20	310	<4	15	147	6
29031	<5	35	<2	190	<2	0.17	<20	289	7	6	115	<2
29032	<5	40	<2	103	<2	0.2	<20	306	12	10	180	2
29033	<5	32	<2	159	<2	0.29	<20	311	<4	11	155	3
29034	<5	7	<2	92	<2	0.15	<20	57	<4	10	16	3

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 51 Pulp

Report No: S58653
Date: December 10, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
29035	<5	7	2	98	<2	0.16	<20	61	<4	11	12	3
29036	<5	4	<2	93	<2	0.09	<20	39	18	14	28	2
29037	<5	4	<2	105	<2	0.08	<20	39	150	11	155	<2
29038	<5	4	<2	36	<2	0.12	<20	60	>200	6	86	3
29038 Re	<5	4	3	35	<2	0.12	<20	58	>200	6	83	3
29039	<5	4	<2	72	<2	0.12	<20	37	45	5	70	3
29040	<5	6	2	113	<2	0.11	<20	40	30	5	44	2
29041	<5	7	3	84	<2	0.28	<20	74	10	6	110	4
29042	<5	9	<2	19	<2	0.16	<20	101	>200	3	52	3
29043	<5	8	2	53	<2	0.22	<20	69	139	4	72	3
29044	6	8	<2	30	<2	0.12	<20	66	>200	7	89	3
29045	<5	10	<2	20	<2	0.2	<20	134	87	5	90	2
29046	<5	11	<2	22	<2	0.35	<20	127	41	5	81	3
29047	<5	10	<2	16	<2	0.19	<20	111	15	6	84	4
29048	5	14	<2	30	<2	0.27	<20	152	105	7	122	<2
29049	<5	14	<2	103	<2	0.37	<20	136	7	7	103	3
29050	<5	11	4	121	<2	0.3	<20	90	<4	18	60	2
37301	<5	17	<2	112	<2	0.44	<20	133	<4	27	117	3
STD OREAS25A-4A	<5	13	4	44	10	0.89	<20	157	<4	10	45	145
STD OREAS45H	<5	57	6	26	<2	0.85	<20	269	<4	10	40	120
STD OREAS25A-4A	<5	13	6	44	11	0.87	<20	155	<4	10	47	148
STD OREAS45H	<5	57	4	26	2	0.84	<20	263	<4	10	42	118
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58391
Geologist:	T. Fiolleau	Date Received:	Sep 15, 2020
Project:	Doc Project	Date Reported:	Oct 06, 2020
Purchase Order:	Hanstone1	Invoice:	78575

Sample Type:	Number	Size Fraction	Sample Preparation
Core	76	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862583	0.6	3.04	29.5	64	<20	296	<0.1	2.32	0.3	23	81	143.5	6.6	13	0.06	0.56	3	2	1188	0.6	0.051	10.3	0.2
A0862584	0.5	2.74	152.4	40.3	<20	68	<0.1	2.74	2	24.1	77	128.7	5.87	11	0.04	0.17	6	1.78	1076	0.2	0.044	14	0.085
A0862585	0.1	2.67	8.7	14.7	<20	33	<0.1	4.87	<0.1	27.6	60	59.9	5.8	12	0.03	0.21	4	2.25	1176	0.4	0.066	18.5	0.122
A0862586	0.4	2.95	8	79.5	<20	44	<0.1	3.38	1	28.7	72	69.8	6.12	11	0.02	0.22	5	1.91	1217	0.4	0.052	15.7	0.096
A0862587	0.4	2.63	8.3	28.6	<20	56	<0.1	4.66	0.9	27.2	42	32.3	5.96	9	0.03	0.21	4	1.53	2086	0.7	0.032	10.9	0.091
A0862588	0.1	1.98	12.2	11.9	<20	12	<0.1	2.24	0.1	20.7	47	90.8	4.91	9	0.02	0.06	3	1.63	913	0.4	0.066	9	0.106
A0862589	0.2	2.29	6.6	2.9	<20	22	<0.1	2.9	0.2	21.3	61	108.5	5.26	10	0.01	0.1	3	1.68	988	0.4	0.073	9.5	0.091
A0862590	0.2	2.51	6.8	6	<20	21	<0.1	2.65	0.3	23.2	44	124.1	5.66	11	0.03	0.12	3	1.81	990	0.2	0.058	10	0.098
A0862591	<0.1	2.54	1.7	2.1	<20	54	<0.1	2.99	0.2	21.4	46	50.3	5.33	10	0.01	0.21	3	1.97	996	0.2	0.07	11.9	0.124
A0862592	0.1	2.81	5.3	1.8	<20	118	<0.1	2.4	0.3	22.6	45	118.6	5.96	11	0.01	0.26	4	2.05	1252	0.2	0.039	7.3	0.124
A0862593	0.1	2.78	2.4	0.8	<20	35	<0.1	4.13	0.2	35.5	40	100.3	5.88	11	0.02	0.14	3	1.88	1289	0.5	0.045	8.5	0.088
A0862594	<0.1	2.58	2.1	<0.5	<20	37	<0.1	3.41	<0.1	20.7	57	103.5	5.38	10	0.01	0.13	4	1.8	1211	0.6	0.046	7.8	0.091
A0862595	0.1	2.79	1.4	<0.5	<20	62	<0.1	3.63	0.1	21.6	40	85.5	5.79	11	<0.01	0.24	5	1.92	1302	0.3	0.048	8	0.089
A0862596	0.1	2.32	1.2	0.7	<20	39	<0.1	4.32	<0.1	18.2	41	73.1	5.11	10	0.02	0.13	6	1.46	1115	0.2	0.04	8	0.083
A0862597	0.1	2.5	2.2	0.8	<20	169	<0.1	2.46	0.1	17.5	80	102.4	5.07	8	0.04	0.37	5	1.39	1009	0.6	0.051	8.8	0.076
A0862597 Re	0.1	2.52	2.2	6.6	<20	170	<0.1	2.51	0.1	17.3	79	104.7	5.12	9	0.03	0.37	5	1.4	1017	0.6	0.053	9.3	0.079
A0862598	0.3	2.66	1.3	<0.5	<20	88	<0.1	3.9	0.1	17.7	53	85.6	5.4	9	<0.01	0.25	4	1.53	1141	0.8	0.032	7.1	0.123
A0862599	<0.1	2.71	<0.5	<0.5	<20	96	<0.1	3.73	<0.1	15.8	51	55.8	4.95	10	<0.01	0.3	8	1.64	1038	0.9	0.041	7.6	0.137
A0862602	0.4	2.22	2.3	1.8	<20	53	<0.1	3.13	<0.1	17.8	141	119.4	4.47	7	<0.01	0.19	4	1.31	871	0.8	0.025	10.1	0.064
A0862603	0.6	2.45	0.9	3.8	<20	83	<0.1	4.22	16.8	18.5	45	67.2	5.23	7	0.03	0.4	5	1.22	1154	0.8	0.015	8.9	0.072
A0862604	0.4	2.88	0.7	2	<20	44	<0.1	3.89	0.9	22	59	73.3	5.97	10	<0.01	0.21	4	1.66	1138	0.7	0.022	10.6	0.077
A0862605	0.2	2.43	<0.5	1.9	<20	64	<0.1	4.5	1.8	15.7	79	53.4	4.73	9	0.01	0.26	6	1.38	1075	0.9	0.033	8.6	0.074
A0862606	0.3	2.63	2	1.4	<20	107	<0.1	2.71	5.9	17	63	72.2	5.31	9	<0.01	0.28	3	1.44	1079	1	0.05	5.9	0.085
A0862607	0.2	2.75	0.6	1.1	<20	118	<0.1	3.8	1.6	17.4	44	78.8	5.39	9	<0.01	0.35	4	1.43	1092	1	0.028	5.7	0.082
A0862608	0.1	2.24	1.2	1.3	<20	22	<0.1	4.15	0.1	17.5	44	89.2	4.86	9	<0.01	0.1	3	1.52	902	0.7	0.05	9.1	0.069
A0862609	0.1	1.49	0.5	1.4	<20	13	<0.1	1.61	0.1	15.4	64	92.3	3.78	7	<0.01	0.06	3	1.05	517	0.6	0.138	14.4	0.076
A0862610	0.3	2.49	2.8	3.3	<20	14	0.2	1.19	0.1	34.4	43	178.1	6.95	12	<0.01	0.07	3	1.85	649	0.8	0.065	17.1	0.07
A0862611	0.1	1.56	0.6	1.1	<20	13	<0.1	1.83	0.1	17.7	38	74.4	3.77	7	<0.01	0.06	3	1.13	492	0.6	0.141	12.1	0.091
A0862612	<0.1	1.01	1.2	0.8	<20	8	<0.1	1.88	<0.1	14.5	30	29.2	2.64	5	<0.01	0.04	3	0.93	446	0.5	0.109	11.3	0.127
A0862613	<0.1	1.5	1.6	0.8	<20	27	<0.1	4.05	<0.1	21.1	34	62.6	3.51	7	<0.01	0.1	2	1.15	677	1.1	0.127	15.4	0.13
A0862614	<0.1	1.7	1	0.7	<20	14	<0.1	2.61	<0.1	19.1	32	33	3.93	8	<0.01	0.06	2	1.46	654	0.4	0.106	14.8	0.122
A0862615	<0.1	2.33	<0.5	0.6	<20	9	<0.1	3.68	<0.1	23.6	38	34.2	4.95	10	<0.01	0.04	3	1.96	824	0.5	0.083	17.6	0.126
A0862616	0.5	0.38	2.4	1141.9	<20	22	<0.1	1.7	3.9	2.2	222	9.3	0.66	2	0.01	0.12	6	0.12	394	0.4	0.095	4.6	0.011
A0862617	0.5	3.33	0.9	2.2	<20	32	0.1	4.04	1.8	30.9	38	66.6	7.16	12	<0.01	0.18	4	2.12	1358	0.6	0.032	20.2	0.092
A0862618	0.3	2.88	1.1	1.6	<20	40	<0.1	4.02	0.6	21.2	36	61.6	5.76	10	<0.01	0.19	3	1.69	1102	0.7	0.027	10.9	0.068

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0862619	0.3	2.45	3	3.6	<20	148	<0.1	6.58	1	15.5	75	38.6	5.23	6	<0.01	0.41	2	1.33	2111	2.1	0.01	7.3	0.06
A0862620	0.6	2.46	2.3	9.2	<20	152	0.1	4.75	1.1	18.3	48	52.3	5.15	7	0.01	0.42	4	1.28	1381	1	0.012	8.5	0.09
A0862621	<0.1	1.75	0.9	1.1	<20	44	<0.1	1.41	0.3	13.3	92	97.2	4.24	9	<0.01	0.13	4	1.13	670	0.5	0.086	7	0.067
A0862622	<0.1	1.55	1	0.8	<20	26	<0.1	1.43	0.1	18	46	66	3.78	7	<0.01	0.1	3	1.32	512	0.7	0.083	13.6	0.11
A0862623	0.2	1.77	1.2	1.3	<20	27	0.1	2.76	<0.1	22.5	53	129.6	4.18	8	<0.01	0.14	2	1.41	595	0.6	0.097	17.4	0.119
A0862624	<0.1	2.36	0.9	0.9	<20	22	<0.1	2.15	<0.1	19.2	31	54.8	4.73	11	<0.01	0.06	4	1.99	955	0.4	0.063	15.6	0.178
A0862625	<0.1	2.19	<0.5	0.7	<20	81	<0.1	1.76	<0.1	15.6	36	69.7	4.26	10	0.02	0.26	4	1.53	852	0.3	0.1	8.2	0.161
A0862626	<0.1	3.66	<0.5	1.3	<20	116	<0.1	3.92	<0.1	24.8	69	14.9	5.71	12	<0.01	0.22	9	4.01	766	0.8	0.028	40.3	0.11
A0862627	0.5	0.91	0.7	98.4	<20	172	0.1	4.99	0.5	13.7	61	20.2	3.91	5	<0.01	0.4	2	2.55	1177	2.4	0.068	30.3	0.084
A0862628	0.1	2.25	0.9	11.4	<20	18	0.1	1.12	<0.1	12.5	62	42.5	5.2	11	<0.01	0.06	3	2.83	318	1.5	0.045	55.6	0.097
A0862629	0.4	1.27	0.5	80.3	<20	71	0.2	2.56	0.3	12.2	73	27.4	4.14	6	<0.01	0.32	3	1.94	606	2.3	0.103	56.3	0.057
A0862630	0.2	1.15	0.7	34.3	<20	67	0.2	4.05	0.3	11.6	97	20.7	3.73	6	<0.01	0.36	4	1.64	581	2.1	0.094	54.8	0.055
A0862631	<0.1	0.39	1	1.8	<20	52	<0.1	12.27	<0.1	6	68	8.2	1.25	2	<0.01	0.08	2	0.48	480	0.9	0.025	28.7	0.033
A0862632	<0.1	0.35	1.5	1.6	<20	11	0.1	13.67	0.1	4	64	10.4	1.03	2	<0.01	0.06	2	0.38	598	0.5	0.016	28.7	0.03
A0862633	<0.1	0.47	2.3	1.4	<20	29	<0.1	6.98	0.5	4	96	9.3	1.39	3	<0.01	0.16	3	0.46	336	1.3	0.029	27.4	0.032
A0862634	<0.1	0.24	1.8	1.9	<20	11	0.1	11.61	0.1	5.3	62	8.4	1.36	1	<0.01	0.09	2	0.53	474	0.7	0.015	29.4	0.028
A0862635	<0.1	0.47	1.9	2.6	<20	13	<0.1	12.12	<0.1	6.4	69	10.7	1.1	2	<0.01	0.09	2	0.45	486	0.8	0.017	23.4	0.028
A0862635 Re	<0.1	0.46	1.7	1.4	<20	12	<0.1	12.23	<0.1	6.7	68	10.6	1.1	2	<0.01	0.09	2	0.45	492	0.8	0.017	23.4	0.028
A0862636	<0.1	1.24	1.7	3.6	<20	22	0.1	5.94	<0.1	18.2	80	37	2.21	7	<0.01	0.09	4	1.05	444	0.8	0.039	35.6	0.1
A0862637	<0.1	1.79	0.7	1.8	<20	32	0.2	3.87	<0.1	21.5	86	64.8	3.87	7	<0.01	0.14	3	1.73	558	0.9	0.066	47.2	0.049
A0862638	0.1	0.9	1.7	9	<20	44	<0.1	8.5	0.2	23.7	101	57.2	2.53	5	<0.01	0.13	4	0.88	728	0.5	0.03	60.5	0.079
A0862639	2.6	2.65	<0.5	17.5	<20	103	0.8	4.16	41.5	25.2	80	70.3	4.89	8	*	0.54	3	2.9	1018	0.8	0.031	38.2	0.112
A0862640	<0.1	3.08	0.7	<0.5	<20	81	<0.1	2.14	<0.1	19.9	77	18.5	5.15	10	<0.01	0.25	5	3.4	601	0.7	0.034	44.3	0.116
A0862641	<0.1	1.29	<0.5	1.4	<20	22	0.2	1.02	0.1	18.5	211	15.2	3.17	5	<0.01	0.11	6	1.29	208	1	0.059	57.9	0.032
A0862642	<0.1	1.52	1.1	1.5	<20	32	0.2	0.96	<0.1	15.6	126	19.9	3.82	6	<0.01	0.17	6	1.53	222	1.3	0.035	66.3	0.048
A0862643	<0.1	1.51	0.5	1.6	<20	24	0.1	0.75	<0.1	17.8	167	17.7	3.54	6	<0.01	0.09	3	1.42	210	2	0.07	58.1	0.047
A0862644	0.1	3.17	<0.5	0.7	<20	34	0.1	2.63	<0.1	25.6	51	84.1	6.16	11	0.03	0.1	2	3.1	1049	1.2	0.029	20.9	0.048
A0862645	0.2	3.24	<0.5	1.3	<20	44	0.1	3.03	0.2	25.1	37	105	6.23	9	<0.01	0.15	2	3.36	1239	0.7	0.028	12.1	0.048
A0862646	0.3	1.58	0.6	34.7	<20	51	0.1	3.24	0.5	24	53	97.2	4.85	5	<0.01	0.31	1	2.06	1117	1	0.025	23.8	0.049
A0862647	<0.1	1.97	0.8	1.2	<20	18	0.2	0.6	<0.1	12.4	117	21.9	4.26	8	<0.01	0.05	3	1.85	298	1.1	0.063	49.8	0.076
A0862648	0.2	2.04	<0.5	5.1	<20	48	<0.1	4.27	0.4	22.5	31	117.6	5.67	7	<0.01	0.2	1	2.06	1270	0.5	0.029	10.2	0.055
A0862649	0.9	1.22	<0.5	32.2	<20	111	<0.1	5.06	1.5	21.3	19	407.5	4.59	3	<0.01	0.71	2	2.11	1783	0.3	0.026	8.2	0.051
A0862650	5.4	2.17	0.8	279.5	<20	76	3.7	4.46	4.7	21.9	28	183.7	5.43	6	<0.01	0.41	2	2.39	1423	0.9	0.021	9.7	0.051
A0862651	0.2	2.8	<0.5	1.4	<20	87	<0.1	3.64	0.2	22	35	86.2	5.83	9	<0.01	0.25	2	2.4	1129	0.4	0.043	10.3	0.054
A0862652	0.3	2.23	3.8	7.4	<20	92	0.1	3.27	0.2	29.6	46	157.6	7.33	9	<0.01	0.17	3	2.51	1153	0.6	0.046	18.1	0.084

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862653	0.2	2.24	2.6	5.7	<20	76	0.5	5.01	0.4	56.5	46	62.6	6.7	6	<0.01	0.35	2	2.24	1972	0.4	0.027	19.6	0.065
A0862654	<0.1	1.1	1.7	4.2	<20	186	0.2	1.77	0.1	43.1	96	55.4	2.19	5	0.01	0.13	6	1.34	327	3.9	0.064	60.6	0.076
A0862655	0.1	1.07	2.4	5.3	<20	33	0.4	4.98	<0.1	13.7	138	98.5	2.71	5	0.02	0.1	5	1.17	529	6.5	0.041	38	0.059
A0862656	<0.1	1.18	2.1	3	<20	22	0.3	1.09	<0.1	5.8	247	71.5	2.8	5	<0.01	0.11	4	1.24	231	2	0.048	39.2	0.074
A0862657	0.1	1.39	4.1	3.2	<20	11	0.3	0.65	<0.1	10	210	206.2	3.12	5	<0.01	0.04	7	1.47	194	2.8	0.059	62	0.038
A0862658	<0.1	1.08	3.1	3.5	<20	14	0.2	5.01	<0.1	12.7	112	136.1	2.54	5	<0.01	0.05	3	1.24	439	1.5	0.047	44.6	0.072
A0862659	<0.1	0.57	3.7	3.7	<20	10	0.4	12.98	<0.1	13.9	102	19.3	2.44	2	0.02	0.04	11	0.64	631	1.4	0.018	43.5	0.032
A0862660	<0.1	0.59	4	2.3	<20	8	0.3	11.55	<0.1	11.8	121	15.7	2.26	3	0.02	0.04	10	0.69	598	1.5	0.02	43	0.039
STD DS11	1.7	1.12	39.9	47.5	<20	362	10.2	1.03	2	12.7	57	139.7	3.03	5	0.24	0.39	16	0.82	1004	13	0.07	77.2	0.066
STD OREAS262	0.4	1.23	33.1	54.5	<20	226	0.8	2.8	0.6	25.9	41	106.8	3.22	5	0.16	0.3	15	1.16	514	0.6	0.066	60.3	0.036
STD OREAS262	0.5	1.26	36.3	68.4	<20	260	1	2.9	0.6	26.4	41	109.6	3.25	4	0.2	0.3	16	1.21	532	0.7	0.072	62.4	0.039
STD OREAS262	0.5	1.32	36.6	63.6	<20	266	1	3	0.8	28.4	43	112.2	3.34	4	0.17	0.32	17	1.23	557	0.6	0.069	64.2	0.04
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	0.02	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862583	8.6	0.09	<0.1	14.9	<0.5	56	0.2	0.8	0.145	0.2	0.3	174	<0.1	101
A0862584	65.7	0.12	0.1	16.2	<0.5	55	<0.2	1.1	0.05	<0.1	0.2	165	<0.1	163
A0862585	2.3	0.12	<0.1	18.3	<0.5	81	<0.2	0.7	0.219	0.1	0.1	233	<0.1	76
A0862586	28.4	0.16	<0.1	20.2	<0.5	73	<0.2	0.8	0.081	<0.1	0.1	195	<0.1	121
A0862587	27.8	0.31	<0.1	12.9	<0.5	103	<0.2	1.1	0.016	<0.1	0.2	101	<0.1	128
A0862588	2.4	<0.05	0.1	13	<0.5	36	<0.2	0.6	0.156	<0.1	0.2	153	0.2	82
A0862589	2.2	0.13	0.1	14.1	<0.5	58	<0.2	0.6	0.175	<0.1	0.2	165	0.2	81
A0862590	2.2	0.15	<0.1	15.2	<0.5	50	<0.2	0.5	0.159	<0.1	0.1	174	0.1	92
A0862591	1.2	<0.05	<0.1	15.6	<0.5	65	<0.2	0.5	0.197	<0.1	0.2	177	<0.1	83
A0862592	2.4	<0.05	<0.1	19.7	<0.5	71	<0.2	0.6	0.168	<0.1	0.2	156	<0.1	98
A0862593	2.5	0.16	0.1	15.1	<0.5	68	<0.2	0.4	0.075	<0.1	0.2	171	<0.1	85
A0862594	1.6	<0.05	0.2	15.7	<0.5	74	<0.2	0.4	0.069	<0.1	0.2	161	<0.1	81
A0862595	2.3	<0.05	<0.1	16.9	<0.5	69	<0.2	0.5	0.059	<0.1	0.2	165	<0.1	87
A0862596	1.6	<0.05	<0.1	12.4	<0.5	79	<0.2	0.7	0.035	<0.1	0.1	136	<0.1	70
A0862597	2.1	0.26	0.1	10.2	<0.5	87	<0.2	0.7	0.071	<0.1	0.2	93	<0.1	80
A0862597 Re	2.2	0.27	0.1	10.5	<0.5	88	<0.2	0.7	0.071	<0.1	0.2	94	<0.1	82
A0862598	2.9	0.28	0.1	8.2	<0.5	105	<0.2	0.8	0.047	<0.1	0.2	93	<0.1	86
A0862599	6.5	0.12	0.1	8.4	<0.5	102	<0.2	0.8	0.09	<0.1	0.2	91	<0.1	86
A0862602	9.7	0.36	0.1	7.7	<0.5	101	<0.2	0.7	0.019	<0.1	0.1	90	<0.1	71
A0862603	379.5	0.43	0.2	7	<0.5	183	<0.2	0.8	0.003	<0.1	0.1	68	<0.1	759
A0862604	56	0.35	0.1	9.4	<0.5	129	<0.2	0.7	0.019	<0.1	0.1	118	<0.1	116
A0862605	48.7	0.41	0.1	7.2	<0.5	154	<0.2	0.7	0.012	<0.1	0.1	92	<0.1	141
A0862606	113.7	0.15	<0.1	8.5	<0.5	97	<0.2	0.6	0.136	<0.1	0.2	96	<0.1	328
A0862607	54.2	0.25	<0.1	8	<0.5	114	<0.2	0.7	0.092	<0.1	0.2	91	<0.1	135
A0862608	1.9	0.2	<0.1	9.3	<0.5	63	<0.2	0.5	0.12	<0.1	0.1	136	<0.1	74
A0862609	1.7	0.23	<0.1	8.9	<0.5	28	<0.2	0.5	0.124	<0.1	0.1	122	<0.1	52
A0862610	3.2	1.46	<0.1	9.6	1.1	24	0.3	0.4	0.126	<0.1	<0.1	164	<0.1	96
A0862611	1.9	0.28	<0.1	8.4	<0.5	30	<0.2	0.4	0.225	<0.1	0.1	132	<0.1	51
A0862612	1	0.1	<0.1	6.3	<0.5	25	<0.2	0.2	0.222	<0.1	0.1	103	0.1	33
A0862613	2	0.35	0.1	7.6	<0.5	56	<0.2	0.1	0.277	<0.1	<0.1	121	0.2	36
A0862614	1.1	0.12	0.1	7.7	<0.5	35	<0.2	0.1	0.262	<0.1	<0.1	144	0.1	40
A0862615	1.2	0.1	<0.1	12	<0.5	49	<0.2	0.2	0.267	<0.1	0.1	193	0.1	53
A0862616	81.8	0.07	0.1	1.2	<0.5	46	<0.2	5.1	0.002	<0.1	10.6	5	<0.1	192
A0862617	66.9	0.61	<0.1	15.1	<0.5	85	<0.2	0.4	0.015	<0.1	0.2	176	<0.1	175
A0862618	67.3	0.22	<0.1	10	<0.5	94	<0.2	0.5	0.006	<0.1	0.1	116	<0.1	132

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862619	46.1	0.24	0.1	10.8	<0.5	152	<0.2	0.4	0.042	<0.1	0.1	82	<0.1	91
A0862620	119.5	0.21	0.1	9.8	<0.5	111	<0.2	0.7	0.032	<0.1	0.1	78	<0.1	120
A0862621	2.6	0.29	<0.1	9.7	0.6	30	<0.2	0.6	0.164	<0.1	0.2	91	0.1	81
A0862622	1.6	0.28	<0.1	8.2	<0.5	27	<0.2	0.4	0.193	<0.1	0.1	109	0.1	56
A0862623	2.8	0.81	0.1	7.6	0.6	39	<0.2	0.1	0.328	<0.1	<0.1	131	1.7	46
A0862624	1.7	0.13	<0.1	5.1	<0.5	29	<0.2	0.5	0.187	<0.1	0.3	117	0.2	81
A0862625	1.5	0.05	<0.1	5.1	<0.5	44	<0.2	0.6	0.194	<0.1	0.3	90	0.1	77
A0862626	1.1	0.16	<0.1	16	<0.5	50	<0.2	0.9	0.03	<0.1	0.2	147	<0.1	38
A0862627	3.8	1.34	0.1	19	0.5	94	0.5	0.2	0.04	0.2	0.2	98	0.2	43
A0862628	1.1	1.07	<0.1	13.9	1.1	18	<0.2	0.5	0.013	<0.1	0.2	151	<0.1	50
A0862629	4	1.28	0.1	15.6	1.2	34	0.5	0.4	0.052	0.1	0.2	92	0.2	34
A0862630	3.6	0.85	0.1	14.3	1.1	40	0.4	0.4	0.052	0.1	0.3	91	0.2	30
A0862631	4	0.36	<0.1	3.7	0.9	70	<0.2	0.2	0.007	<0.1	0.1	19	<0.1	5
A0862632	4.7	0.29	<0.1	2.1	0.9	77	<0.2	0.2	0.008	<0.1	<0.1	14	<0.1	3
A0862633	6.9	0.37	<0.1	2.4	0.8	66	<0.2	0.6	0.003	<0.1	0.1	8	<0.1	11
A0862634	4.3	0.58	<0.1	1.9	1.3	66	<0.2	0.2	0.002	<0.1	<0.1	7	<0.1	4
A0862635	3.7	0.31	<0.1	2.4	0.8	59	<0.2	0.2	0.009	<0.1	0.1	15	<0.1	5
A0862635 Re	3.7	0.32	<0.1	2.3	0.8	59	<0.2	0.2	0.009	<0.1	0.1	15	<0.1	5
A0862636	6.9	0.33	<0.1	4.7	0.6	39	<0.2	0.6	0.059	<0.1	0.2	52	0.1	15
A0862637	1.6	0.52	<0.1	11.3	1.1	39	<0.2	0.4	0.081	<0.1	0.2	127	<0.1	22
A0862638	12	0.69	<0.1	5.6	1.1	109	<0.2	0.3	0.022	<0.1	0.3	49	0.2	39
A0862639	2388.6	0.51	0.1	14.7	<0.5	141	2.9	0.5	0.095	0.3	0.2	111	>100.0	936
A0862640	1.9	0.23	<0.1	16.9	<0.5	40	<0.2	1.3	0.122	0.1	0.2	137	0.2	31
A0862641	8.2	0.9	<0.1	9.4	1.2	16	<0.2	1	0.047	<0.1	0.3	73	0.3	14
A0862642	2	1.19	<0.1	10.9	1.4	13	<0.2	0.9	0.06	<0.1	0.3	101	0.1	15
A0862643	3.1	0.83	<0.1	10.3	1.4	12	<0.2	0.6	0.057	<0.1	0.2	107	<0.1	11
A0862644	3.6	0.4	<0.1	14.9	<0.5	59	<0.2	0.4	0.025	<0.1	0.1	162	0.2	46
A0862645	2.4	0.28	<0.1	14.2	<0.5	92	<0.2	0.3	0.013	<0.1	<0.1	137	<0.1	57
A0862646	3.7	0.72	0.1	8.9	<0.5	89	<0.2	0.3	0.02	0.1	0.1	70	0.2	86
A0862647	2.3	0.44	<0.1	11.3	<0.5	15	<0.2	0.6	0.023	<0.1	0.1	119	<0.1	20
A0862648	3.7	0.15	<0.1	11.7	<0.5	160	<0.2	0.2	0.021	<0.1	<0.1	125	0.1	67
A0862649	6.1	0.76	0.1	10.4	<0.5	223	<0.2	0.2	0.035	0.3	0.1	62	0.5	72
A0862650	1025.1	0.71	0.1	12	<0.5	170	2.7	0.2	0.03	0.2	0.1	89	0.3	162
A0862651	3.2	0.24	<0.1	14.5	<0.5	95	<0.2	0.2	0.087	<0.1	<0.1	156	<0.1	52
A0862652	7.3	0.49	0.2	23.2	<0.5	89	<0.2	0.4	0.056	<0.1	0.2	246	<0.1	113

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 76 Core / 0 Pulp

Report No: S58391
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS
Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862653	6.9	2.3	0.1	18	<0.5	81	<0.2	0.3	0.012	<0.1	0.2	134	<0.1	118
A0862654	1.9	0.68	<0.1	10.3	0.7	40	<0.2	1.2	0.017	<0.1	0.4	98	<0.1	26
A0862655	3.1	1.25	<0.1	9	0.7	45	<0.2	0.4	0.057	<0.1	0.2	74	0.2	15
A0862656	1.8	0.78	<0.1	8	0.8	14	<0.2	0.4	0.022	<0.1	0.2	86	<0.1	15
A0862657	0.8	0.94	<0.1	7.5	1.2	8	<0.2	0.6	0.018	<0.1	0.4	88	<0.1	16
A0862658	1	0.89	<0.1	8.3	1.6	42	<0.2	0.6	0.11	<0.1	0.3	74	0.2	16
A0862659	1.4	1.64	0.2	5.9	1.3	84	<0.2	0.4	0.005	<0.1	0.4	47	0.4	8
A0862660	1	1.36	0.2	6	1.3	75	<0.2	0.5	0.005	<0.1	0.4	48	0.3	9
STD DS11	117.9	0.28	5.9	3	2.1	60	4.4	6.5	0.086	4.6	2.1	47	2.4	324
STD OREAS262	48.4	0.26	2.8	3	<0.5	33	0.2	7.6	0.002	0.4	1	21	<0.1	136
STD OREAS262	57.6	0.25	3.2	3.3	<0.5	36	<0.2	9.9	0.003	0.4	1.3	21	<0.1	146
STD OREAS262	56.1	0.28	2.9	3.8	<0.5	37	0.3	9.4	0.003	0.5	1.2	22	0.1	156
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Handstone1
TSL Report:	S58391
Date Received:	Sep 15, 2020
Date Reported:	Sep 18, 2020
Invoice:	78575

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	76	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58391

SAMPLE(S) OF

76 Core/0 Pulp

INVOICE #:78575
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862583	<.03		S58391
A0862584	<.03		S58391
A0862585	<.03		S58391
A0862586	<.03		S58391
A0862587	<.03		S58391
A0862588	<.03		S58391
A0862589	<.03		S58391
A0862590	<.03		S58391
A0862591	<.03		S58391
A0862592	<.03	<.03	S58391
A0862593	<.03		S58391
A0862594	<.03		S58391
A0862595	<.03		S58391
A0862596	<.03		S58391
A0862597	<.03	<.03	S58391
A0862598	<.03		S58391
A0862599	<.03		S58391
A0862602	<.03		S58391
A0862603	<.03		S58391
A0862604	<.03	<.03	S58391

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 18/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58391

SAMPLE(S) OF

76 Core/0 Pulp

INVOICE #:78575
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862605	<.03		S58391
A0862606	<.03		S58391
A0862607	<.03		S58391
A0862608	<.03		S58391
A0862609	<.03		S58391
A0862610	<.03		S58391
A0862611	<.03		S58391
A0862612	<.03		S58391
A0862613	<.03		S58391
A0862614	<.03	<.03	S58391
A0862615	<.03		S58391
A0862616	<.03		S58391
A0862617	<.03		S58391
A0862618	<.03		S58391
A0862619	<.03	<.03	S58391
A0862620	<.03		S58391
A0862621	<.03		S58391
A0862622	<.03		S58391
A0862623	<.03		S58391
A0862624	<.03	<.03	S58391

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 18/20

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Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58391

SAMPLE(S) OF
76 Core/0 Pulp

INVOICE #:78575
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862625	<.03		S58391
A0862626	<.03		S58391
A0862627	<.03		S58391
A0862628	<.03		S58391
A0862629	<.03		S58391
A0862630	<.03		S58391
A0862631	<.03		S58391
A0862632	<.03		S58391
A0862633	<.03		S58391
A0862634	<.03	<.03	S58391
A0862635	<.03		S58391
A0862636	<.03		S58391
A0862637	<.03		S58391
A0862638	<.03		S58391
A0862639	<.03	<.03	S58391
A0862640	<.03		S58391
A0862641	<.03		S58391
A0862642	<.03		S58391
A0862643	<.03		S58391
A0862644	<.03	<.03	S58391

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 18/20

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Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58391

SAMPLE(S) OF

76 Core/0 Pulp

INVOICE #:78575
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862645	<.03		S58391
A0862646	<.03		S58391
A0862647	<.03		S58391
A0862648	<.03		S58391
A0862649	<.03		S58391
A0862650	<.03		S58391
A0862651	<.03		S58391
A0862652	<.03		S58391
A0862653	<.03		S58391
A0862654	<.03	<.03	S58391
A0862655	<.03		S58391
A0862656	<.03		S58391
A0862657	<.03		S58391
A0862658	<.03		S58391
A0862659	<.03		S58391
A0862660	<.03		S58391
GS-7E	7.34		S58391
GS-7E	7.24		S58391
GS-7E	7.37		S58391
GS-7E	7.54		S58391

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 18/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58392
Geologist:	T. Fiolleau	Date Received:	Sep 15, 2020
Project:	Doc Project	Date Reported:	Oct 07, 2020
Purchase Order:	Hanstone1	Invoice:	78581

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0862661	<0.1	0.35	1.1	<0.5	<20	33	0.1	14.66	<0.1	4.6	52	58.3	1.23	1	<0.01	0.04	2	0.36	508	1.7	0.007	12.9	0.026
A0862662	0.1	1.4	<0.5	9.8	<20	19	0.5	2.87	<0.1	14.5	173	34.1	5.73	6	<0.01	0.04	3	1.35	590	3	0.064	12.9	0.054
A0862663	0.2	1.76	<0.5	6.9	<20	37	0.2	1.95	<0.1	17	166	67	4.24	7	<0.01	0.08	4	1.41	652	1	0.056	14	0.063
A0862664	0.3	2.4	<0.5	2.5	<20	86	<0.1	1.8	0.2	18.9	88	101.7	5	7	<0.01	0.22	4	1.74	953	0.6	0.037	12.7	0.074
A0862665	1.4	0.86	1.2	104.9	<20	94	0.3	9.1	7.6	17.9	31	17.9	3.42	2	0.04	0.46	2	0.83	1821	0.6	0.003	15.6	0.077
A0862666	0.6	2.59	<0.5	85.6	<20	77	<0.1	2.25	0.4	19.8	76	89.9	5.77	7	<0.01	0.24	3	1.86	1006	0.8	0.024	9.3	0.091
A0862667	0.2	1.76	<0.5	6.6	<20	73	<0.1	2.66	0.5	16	63	85.7	4.53	4	<0.01	0.47	2	1.89	1159	1	0.014	7	0.073
A0862668	0.1	2.63	<0.5	8.9	<20	71	<0.1	2.84	0.1	19.1	50	68	5.13	7	<0.01	0.21	3	2.17	1008	0.9	0.025	8.8	0.098
A0862669	0.1	2.85	2.4	4.5	<20	63	0.2	2.27	<0.1	40.9	75	81.2	6.15	9	<0.01	0.19	2	2.22	1017	0.5	0.036	10.3	0.073
A0862670	0.2	2.74	<0.5	5.2	<20	57	<0.1	3.22	<0.1	16.6	48	67.4	5.5	10	<0.01	0.14	9	2.25	954	1.6	0.029	7.6	0.166
A0862671	0.1	2.45	1.3	5.6	<20	106	0.3	6.9	<0.1	34.2	79	47.6	5.82	9	<0.01	0.11	9	2.88	620	2.7	0.036	33.3	0.185
A0862671 Re	0.1	2.4	1.5	4.1	<20	110	0.3	7.14	0.1	33.7	77	47.3	5.45	9	<0.01	0.1	9	2.67	636	2.4	0.034	32.7	0.171
A0862672	0.1	0.88	5	5.4	<20	44	0.5	8.35	0.1	58.1	41	38.8	9.63	4	<0.01	0.03	21	1.04	641	1.7	0.017	24.7	0.067
A0862673	<0.1	1.15	4.5	3.4	<20	41	0.3	5.96	<0.1	31.6	83	26	5.09	5	<0.01	0.09	5	1.19	329	3.8	0.067	24.6	0.184
A0862674	<0.1	1.82	2.3	0.8	<20	56	0.1	8.7	<0.1	19.6	82	10.6	2.78	7	<0.01	0.14	6	2.28	600	2.1	0.042	28.8	0.186
A0862675	<0.1	1.79	2.3	1.4	<20	115	<0.1	4.25	<0.1	18.2	97	8.3	2.06	6	<0.01	0.41	4	2.33	369	3.2	0.073	40.6	0.176
A0862676	<0.1	1.09	2.2	2.8	<20	31	0.3	5.17	<0.1	27.7	105	28.2	3.7	4	<0.01	0.11	3	1.51	266	9.2	0.073	50.4	0.105
A0862677	<0.1	0.72	8.5	3.7	<20	9	0.8	3.84	<0.1	64.2	118	23.5	18.17	4	<0.01	0.02	3	0.97	237	6.4	0.038	29.9	0.065
A0862678	<0.1	0.96	4	0.8	<20	15	0.2	4.42	<0.1	28.3	54	8.3	2.69	6	<0.01	0.04	8	1.34	278	4	0.057	17.2	0.201
A0862679	<0.1	0.78	3.3	1.3	<20	21	0.5	7.35	<0.1	24.1	54	8.1	7.48	4	<0.01	0.06	5	1.04	332	5.2	0.045	24	0.098
A0862680	<0.1	0.87	4.6	1.9	<20	23	0.3	4.08	<0.1	37.4	43	6.3	3.18	4	<0.01	0.06	8	1.08	235	3.7	0.06	19.6	0.198
A0862681	<0.1	1.03	4.3	1.3	<20	38	0.1	4.23	<0.1	17.6	37	6.3	1.83	5	<0.01	0.08	10	1.24	260	1.3	0.092	18.3	0.224
A0862682	<0.1	0.49	4.6	4.2	<20	6	0.5	11.5	<0.1	23.6	26	15.1	6.74	2	<0.01	0.02	2	0.65	359	1.7	0.017	28.2	0.051
A0862683	<0.1	1.94	1.1	0.9	<20	84	0.2	5.86	<0.1	13	51	11.6	2.53	8	<0.01	0.08	6	3.11	368	4.3	0.054	18.6	0.132
A0862684	0.2	1.04	1.1	22.4	<20	54	0.1	5.08	<0.1	37.1	61	355.5	4.14	7	<0.01	0.02	6	1.34	363	2.7	0.067	8.7	0.209
A0862685	0.1	1.28	1.3	8.5	<20	6	0.1	4.9	<0.1	23.9	65	210.5	5.06	8	<0.01	0.02	7	1.3	483	0.6	0.076	3.1	0.198
A0862686	<0.1	1.16	<0.5	2.6	<20	4	<0.1	3.97	<0.1	10.5	88	81.5	4.96	7	<0.01	<0.01	8	1.12	448	0.8	0.072	1.7	0.199
A0862687	0.3	1.16	1.8	3.8	<20	13	<0.1	2.3	<0.1	18	69	283.8	5.49	8	<0.01	0.01	9	1.05	396	1.3	0.103	1.7	0.2
A0862688	<0.1	1.92	1	9.2	<20	51	<0.1	2.09	<0.1	14.7	31	43.8	6.68	12	<0.01	0.08	15	1.75	439	4.6	0.074	1.2	0.468
A0862689	<0.1	1.96	0.6	<0.5	<20	170	<0.1	2.04	<0.1	11.9	47	9.8	6.02	10	<0.01	0.05	20	1.86	425	3.5	0.102	9.3	0.373
A0862690	<0.1	2.06	<0.5	<0.5	<20	187	<0.1	2.09	<0.1	13.8	38	11.7	6.3	11	<0.01	0.04	20	1.99	449	3.5	0.071	8	0.393
A0862691	<0.1	1.61	0.6	3.2	<20	21	<0.1	1.98	<0.1	6.9	63	6.7	4	8	<0.01	0.05	10	1.77	298	1.8	0.115	23.5	0.184
A0862692	<0.1	1.67	0.7	1.7	<20	19	<0.1	2.52	<0.1	5.1	62	12.6	4.01	9	<0.01	0.05	9	1.82	404	2.3	0.079	21.7	0.198
A0862693	<0.1	1.72	<0.5	2	<20	22	<0.1	3.08	<0.1	6.6	69	19.4	3.76	9	<0.01	0.04	8	1.83	449	2	0.089	22.3	0.178
A0862694	0.1	1.43	0.8	2.4	<20	7	<0.1	5.3	<0.1	11.7	59	54.9	3.92	8	<0.01	0.02	6	1.43	650	1.5	0.054	8.8	0.182

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0862695	<0.1	0.94	0.7	2.3	<20	5	<0.1	2.54	<0.1	8.5	59	100.9	3.61	6	<0.01	<0.01	8	0.83	324	2.5	0.117	2.8	0.174
A0862696	<0.1	0.83	0.8	7.6	<20	8	<0.1	2.45	<0.1	14.1	42	89.1	3.62	6	<0.01	0.02	3	0.75	285	0.5	0.062	2.8	0.116
A0862697	<0.1	1.15	0.5	6.2	<20	21	<0.1	1.15	<0.1	17.3	41	221.8	8.03	9	<0.01	0.04	3	1.13	313	0.8	0.109	3.1	0.106
A0862698	<0.1	2.47	<0.5	1.5	<20	105	<0.1	2.13	<0.1	19.8	25	37	6.45	11	<0.01	0.16	3	2.64	504	1.6	0.064	7.5	0.146
A0862699	<0.1	2.12	0.6	2.3	<20	124	<0.1	1.96	<0.1	22.8	56	47	6.3	11	<0.01	0.15	3	2.52	405	1	0.1	15.4	0.16
A0862700	<0.1	0.54	0.6	1.8	<20	7	<0.1	3.38	<0.1	5.6	85	66.4	2.96	3	<0.01	0.01	2	0.63	244	1.9	0.036	26.9	0.056
A0862701	<0.1	0.77	<0.5	1.9	<20	6	<0.1	3.57	<0.1	3.8	135	25.3	2.47	4	<0.01	0.02	2	0.94	331	1.3	0.048	32.5	0.029
A0862702	0.3	0.99	1.4	15.5	<20	3	0.1	3.55	<0.1	7.7	122	417.4	3.7	4	<0.01	0.01	3	1.1	340	2.7	0.025	61.2	0.029
A0862703	0.3	1.79	<0.5	27.6	<20	9	0.1	4.12	0.2	7.6	113	610.6	3.98	7	<0.01	0.09	3	1.97	470	2.1	0.034	50.3	0.074
A0862704	0.3	0.61	1.4	11.4	<20	19	0.2	10.17	<0.1	9.6	41	597.1	15.65	6	<0.01	<0.01	7	0.67	554	3.2	<0.001	33.4	0.027
A0862705	0.3	1.21	1.2	5.7	<20	4	0.1	1.27	<0.1	14.2	132	336.6	2.88	5	<0.01	0.02	3	1.34	193	3.4	0.072	93.6	0.042
A0862706	0.2	0.72	<0.5	5.1	<20	2	0.3	2.02	<0.1	8.3	143	112.8	2.05	3	<0.01	<0.01	3	0.8	203	2.8	0.04	68.4	0.05
A0862707	<0.1	1.62	<0.5	4	<20	8	<0.1	2.14	<0.1	8	88	62.1	3.63	8	<0.01	0.07	4	1.78	273	2.1	0.083	27	0.105
A0862707 Re	<0.1	1.61	<0.5	5.3	<20	9	<0.1	2.12	<0.1	7.6	87	59.7	3.63	7	<0.01	0.07	5	1.77	273	2	0.083	25.7	0.11
A0862708	0.2	1.36	0.6	5.5	<20	5	<0.1	1.44	<0.1	11.2	105	197.3	3.67	7	<0.01	0.04	3	1.42	214	0.9	0.047	21.2	0.087
A0862709	<0.1	1.69	0.9	6.6	<20	10	0.2	1.48	<0.1	19.8	74	72.4	4.53	8	<0.01	0.04	4	1.7	258	2	0.081	18.7	0.119
A0862710	<0.1	1.97	2.1	8.2	<20	19	0.2	1.45	<0.1	29.9	45	32.8	5.88	10	<0.01	0.09	5	1.95	289	2.7	0.047	13.6	0.216
A0862711	<0.1	1.42	<0.5	1.5	<20	9	<0.1	1.43	<0.1	4.7	67	5.1	4.15	7	<0.01	0.09	2	1.54	229	0.5	0.087	18.6	0.071
A0862712	<0.1	1.42	1.6	8.4	<20	6	0.3	1.78	0.1	31.6	107	13.9	4.97	6	0.01	0.05	2	1.49	221	2	0.06	14.7	0.059
A0862713	<0.1	1.86	0.6	1.9	<20	9	<0.1	1.9	<0.1	15.8	59	10.6	4.38	9	<0.01	0.03	2	1.83	304	1.3	0.071	12.7	0.056
A0862714	0.1	1.81	1	6.5	<20	13	<0.1	1.81	<0.1	25.9	81	40.8	4.77	8	<0.01	0.03	2	1.75	338	4.3	0.05	14	0.069
A0862715	<0.1	1.77	1.8	1.3	<20	415	<0.1	2.21	0.1	18.3	65	15.7	4.51	7	<0.01	0.29	3	2.19	550	1.1	0.067	20.5	0.085
A0862716	<0.1	3.87	0.9	<0.5	<20	76	<0.1	3.04	0.1	15.5	87	37.2	6.22	13	<0.01	0.16	3	4.11	802	4.4	0.021	49.5	0.148
A0862717	0.1	3.88	<0.5	2.5	<20	37	<0.1	3.97	<0.1	16.9	96	90	6.09	13	<0.01	0.11	3	3.75	931	1.1	0.045	45.1	0.127
A0862718	<0.1	2.63	<0.5	1.3	<20	36	<0.1	2.35	0.1	18.9	83	61.4	4.8	10	<0.01	0.15	3	2.64	600	0.6	0.063	22.8	0.097
A0862719	<0.1	2.21	2.3	9.4	<20	22	<0.1	1.92	<0.1	78	70	108.5	7.95	11	<0.01	0.08	4	2.39	438	2.6	0.11	26.4	0.111
A0862719 Re	<0.1	2.21	2.2	6.2	<20	23	<0.1	1.91	<0.1	78.4	69	107.9	7.91	11	<0.01	0.08	4	2.39	438	2.7	0.115	26.4	0.109
A0862720	<0.1	1.65	<0.5	4.5	<20	42	<0.1	0.95	<0.1	20.8	91	84	4.43	8	<0.01	0.16	2	1.89	242	1	0.086	14.8	0.062
A0862721	<0.1	1.79	1.4	3.7	<20	40	<0.1	0.97	<0.1	45.8	77	94	6.85	8	<0.01	0.12	3	1.96	296	2	0.131	20.9	0.089
A0862722	<0.1	2.06	1	<0.5	<20	138	<0.1	0.89	<0.1	19.5	79	31.4	5.37	9	<0.01	0.47	3	2.46	295	0.5	0.056	24.6	0.123
A0862723	<0.1	2.41	0.6	<0.5	<20	120	<0.1	0.91	<0.1	17.3	89	87.5	5.12	11	<0.01	0.61	5	2.94	282	0.8	0.081	32.9	0.153
A0862724	<0.1	2.29	1.4	0.6	<20	80	<0.1	0.72	<0.1	33	60	149.4	5.05	10	<0.01	0.49	2	2.73	276	0.7	0.044	16.1	0.087
A0862725	<0.1	1.51	0.5	<0.5	<20	44	<0.1	0.58	<0.1	13	81	20.4	4.45	7	<0.01	0.24	2	1.75	176	0.3	0.094	10.1	0.035
A0862726	<0.1	1.8	1	<0.5	<20	76	<0.1	0.62	<0.1	31.8	79	47.1	3.88	7	<0.01	0.39	2	2.04	197	0.2	0.045	15.5	0.046
A0862727	<0.1	1.88	1.4	<0.5	<20	59	<0.1	0.6	<0.1	23.6	53	37.1	4.47	8	<0.01	0.27	2	2.11	187	0.3	0.081	9.4	0.049

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862728	<0.1	2.65	0.5	<0.5	<20	13	<0.1	2.24	<0.1	19.1	100	73.4	4.63	10	<0.01	0.05	2	2.78	436	0.4	0.052	18.2	0.093
A0862729	<0.1	2.55	0.8	0.9	<20	18	<0.1	1.56	<0.1	12.8	48	108.8	5.88	11	<0.01	0.07	2	2.36	375	0.6	0.072	11.3	0.059
A0862730	<0.1	2.56	0.8	<0.5	<20	15	<0.1	1.85	<0.1	12.2	56	103.5	5.85	11	<0.01	0.06	2	2.42	404	0.5	0.048	12.2	0.061
A0862731	<0.1	2.26	1.4	<0.5	<20	11	<0.1	0.79	<0.1	21.5	67	39.6	5.57	11	<0.01	0.02	1	1.78	349	0.4	0.085	7.1	0.032
A0862732	0.2	1.69	0.8	<0.5	<20	14	0.2	1.83	0.4	16.8	110	69.6	3.82	8	<0.01	0.03	1	1.29	324	0.4	0.064	5.7	0.035
A0862733	<0.1	2.43	5.8	<0.5	<20	12	<0.1	1.32	<0.1	40.5	72	31.7	4.9	10	<0.01	0.02	2	1.92	374	0.3	0.079	15.8	0.061
A0862734	<0.1	1.93	1	<0.5	<20	29	<0.1	1.59	<0.1	18.2	67	114.1	4.29	8	<0.01	0.08	2	1.67	379	1.2	0.052	11.6	0.077
A0862735	<0.1	2.75	1.2	<0.5	<20	50	<0.1	1.14	<0.1	23.5	59	109.4	5.48	10	<0.01	0.09	1	2.21	535	1.6	0.061	7.3	0.061
A0862736	0.1	3.36	1.9	1	<20	99	<0.1	1.28	0.1	24.1	45	135.4	6.59	13	<0.01	0.25	<1	2.68	638	1.6	0.027	10.4	0.059
A0862737	0.1	2.94	4.4	<0.5	<20	21	0.1	1.37	<0.1	32.4	56	109.4	5.59	11	<0.01	0.04	1	2.53	589	2.4	0.045	20.2	0.059
A0862738	0.2	2.78	2.5	<0.5	<20	25	<0.1	1.76	0.2	20	59	80.7	5.3	10	<0.01	0.07	1	2.43	767	0.8	0.043	26.4	0.058
A0862739	0.1	2.41	0.8	<0.5	<20	78	<0.1	1.25	0.1	19.2	40	79.1	5.14	10	<0.01	0.2	1	2.06	776	0.8	0.089	7.7	0.063
A0862740	<0.1	1.96	0.7	<0.5	<20	22	<0.1	1.46	<0.1	11.9	46	37.6	4.64	8	<0.01	0.07	3	1.59	612	1	0.066	6.8	0.086
STD OREAS262	0.4	1.18	34.6	64.8	<20	255	1	2.82	0.7	26.7	40	106.7	3.18	3	0.15	0.3	16	1.17	526	0.7	0.067	61.4	0.034
STD OREAS262	0.5	1.32	36.6	63.6	<20	266	1	3	0.8	28.4	43	112.2	3.34	4	0.17	0.32	17	1.23	557	0.6	0.069	64.2	0.04
STD DS11	2	1.14	43.6	430.3	<20	445	11.9	1.05	2.7	13.2	56	137.4	3.1	5	0.29	0.4	18	0.82	1028	13.1	0.071	74.5	0.073
STD OREAS262	0.5	1.25	36.1	61	<20	257	1.1	2.99	0.8	27.5	42	112	3.34	4	0.18	0.31	17	1.21	552	0.6	0.069	62	0.039
STD DS11	1.8	1.16	41	41	<20	419	11.1	1.06	2.3	13.7	61	145.6	3.08	5	0.25	0.39	18	0.85	1022	14.3	0.072	80.1	0.069
STD OREAS262	0.5	1.38	35.5	72.9	<20	252	0.9	3.06	0.6	27.6	43	117.4	3.28	4	0.17	0.32	16	1.2	559	0.6	0.07	64.7	0.04
BLK	<0.1	0.02	<0.5	<0.5	<20	<1	<0.1	0.03	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862661	2	0.84	<0.1	3.8	1.2	76	<0.2	0.2	0.035	<0.1	0.3	22	<0.1	6
A0862662	2.4	3.9	<0.1	11.4	4.6	34	<0.2	0.3	0.02	<0.1	<0.1	110	<0.1	34
A0862663	1.1	0.83	<0.1	9	1.1	24	<0.2	0.4	0.033	<0.1	<0.1	111	<0.1	36
A0862664	3.7	0.25	0.1	7.2	<0.5	40	<0.2	0.5	0.037	<0.1	0.1	78	<0.1	125
A0862665	100.9	2.78	0.2	5.9	<0.5	346	1.1	0.3	0.004	0.1	0.1	22	0.5	202
A0862666	5.3	0.75	<0.1	6.9	<0.5	58	0.3	0.6	0.008	<0.1	0.1	58	0.4	105
A0862667	4.8	0.39	<0.1	5.5	<0.5	109	<0.2	0.3	0.047	0.2	0.1	43	0.2	71
A0862668	1.7	0.47	<0.1	6.6	<0.5	56	<0.2	0.6	0.024	<0.1	0.1	73	<0.1	49
A0862669	1.8	1.45	<0.1	8.6	0.6	44	<0.2	0.4	0.014	<0.1	<0.1	89	<0.1	54
A0862670	1.3	0.5	<0.1	6.8	<0.5	49	<0.2	1.4	0.014	<0.1	0.2	86	<0.1	50
A0862671	6.8	3.75	<0.1	8.9	3.4	148	<0.2	1.5	0.008	<0.1	0.5	83	<0.1	23
A0862671 Re	6.3	3.69	<0.1	9.4	3.5	140	0.2	1.4	0.008	<0.1	0.5	80	<0.1	23
A0862672	6.3	6.1	<0.1	5.9	1	287	0.5	0.8	0.021	<0.1	1.7	36	0.5	9
A0862673	3	4.94	<0.1	7	0.8	133	0.2	1.8	0.008	<0.1	0.5	45	0.1	10
A0862674	1.7	1.55	<0.1	8.6	<0.5	165	<0.2	1	0.04	<0.1	0.6	60	<0.1	15
A0862675	1.3	1.13	<0.1	5.2	<0.5	74	<0.2	0.5	0.189	<0.1	1	58	0.1	17
A0862676	1.7	3.32	<0.1	4	1.1	72	0.2	0.8	0.169	<0.1	2.3	35	0.2	12
A0862677	3.2	>10.00	<0.1	2.7	4.2	52	0.4	0.7	0.094	<0.1	0.7	31	0.2	14
A0862678	1.8	2.31	<0.1	4.3	1.1	52	0.2	1.7	0.123	<0.1	0.8	51	0.2	17
A0862679	2.3	6.76	<0.1	3.3	1.1	83	0.3	1.2	0.121	<0.1	2.3	36	0.2	13
A0862680	1.7	2.77	<0.1	2.7	<0.5	40	0.2	1.6	0.144	<0.1	0.7	42	0.3	11
A0862681	1.8	1.08	<0.1	3.2	<0.5	49	<0.2	1.4	0.16	<0.1	0.5	43	0.3	12
A0862682	2.5	5.12	0.1	3.3	1.1	123	0.4	0.5	0.082	<0.1	0.6	20	0.2	7
A0862683	1.3	1.24	<0.1	8.5	<0.5	88	<0.2	2.1	0.106	<0.1	1.2	58	0.1	20
A0862684	1.3	1.66	0.1	13.8	1.1	80	<0.2	1	0.183	<0.1	0.7	37	0.2	16
A0862685	1.2	1.62	<0.1	17	<0.5	71	<0.2	1	0.126	<0.1	0.3	43	0.2	22
A0862686	1.2	1.24	<0.1	14.9	1	63	<0.2	1	0.124	<0.1	0.3	35	0.2	17
A0862687	1.4	0.55	<0.1	14.9	<0.5	35	<0.2	1.2	0.145	<0.1	0.3	27	0.2	18
A0862688	1	0.65	<0.1	4.5	<0.5	34	<0.2	1.9	0.126	<0.1	0.6	19	0.1	42
A0862689	0.5	0.2	<0.1	5.1	<0.5	40	<0.2	2.4	0.092	<0.1	0.6	41	0.1	38
A0862690	0.6	0.24	<0.1	4.5	<0.5	38	<0.2	2.3	0.094	<0.1	0.6	38	0.1	45
A0862691	0.7	0.16	<0.1	6.8	<0.5	34	<0.2	2.1	0.083	<0.1	0.6	72	<0.1	23
A0862692	1.8	0.85	<0.1	6.5	1	51	<0.2	2.1	0.068	<0.1	0.6	62	<0.1	26
A0862693	1.3	1.06	<0.1	6.5	2.7	53	<0.2	1.8	0.059	<0.1	0.5	69	<0.1	33
A0862694	1.7	1.73	<0.1	12.7	2.4	98	<0.2	1	0.056	<0.1	0.2	51	0.1	31

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862695	1	0.65	<0.1	11.4	<0.5	36	<0.2	1.3	0.175	<0.1	0.3	23	0.2	12
A0862696	0.6	0.57	<0.1	6.2	<0.5	30	<0.2	1	0.158	<0.1	0.3	136	0.2	11
A0862697	0.5	0.18	<0.1	8.4	<0.5	19	<0.2	0.4	0.181	<0.1	0.2	385	<0.1	18
A0862698	0.9	1.39	<0.1	7.4	0.7	47	<0.2	0.8	0.131	<0.1	0.3	305	<0.1	32
A0862699	1.4	1.33	0.1	8.4	<0.5	39	<0.2	0.7	0.188	<0.1	0.3	183	0.2	25
A0862700	0.9	0.7	<0.1	3.2	<0.5	32	<0.2	0.4	0.09	<0.1	0.3	50	0.1	9
A0862701	1	0.61	<0.1	4.7	<0.5	39	<0.2	0.4	0.073	<0.1	0.4	53	0.2	12
A0862702	1	1.27	<0.1	5	1.1	36	0.5	0.4	0.055	<0.1	0.5	61	0.2	15
A0862703	1	0.71	<0.1	6.5	<0.5	48	0.4	0.6	0.079	<0.1	0.4	64	0.2	21
A0862704	1.5	1.4	<0.1	2.9	1.2	120	0.4	0.1	0.015	<0.1	0.7	24	0.5	9
A0862705	0.8	0.72	<0.1	7.1	2	15	<0.2	0.7	0.071	<0.1	0.3	74	0.1	12
A0862706	0.9	0.8	<0.1	5.4	1.3	22	<0.2	0.6	0.039	<0.1	0.4	55	<0.1	11
A0862707	0.9	0.4	<0.1	8.5	<0.5	24	<0.2	1	0.125	<0.1	0.3	97	0.1	18
A0862707 Re	0.9	0.4	<0.1	8.3	<0.5	22	<0.2	1.1	0.124	<0.1	0.3	96	0.1	16
A0862708	0.8	0.55	<0.1	8	0.6	15	<0.2	0.9	0.105	<0.1	0.2	106	0.1	16
A0862709	1	0.85	<0.1	10.1	<0.5	15	<0.2	0.9	0.115	<0.1	0.3	139	0.1	17
A0862710	1.1	1.28	<0.1	5.7	<0.5	17	0.3	1.6	0.088	<0.1	0.6	82	0.1	19
A0862711	0.8	0.2	<0.1	9.3	0.7	16	<0.2	0.7	0.09	<0.1	0.2	116	0.1	15
A0862712	1.2	1.17	<0.1	12	1.2	22	0.2	0.5	0.073	<0.1	0.1	156	<0.1	16
A0862713	0.8	0.47	<0.1	14.7	<0.5	30	<0.2	0.4	0.065	<0.1	0.1	165	<0.1	23
A0862714	1.2	0.74	0.1	13.1	0.6	41	<0.2	0.4	0.021	<0.1	<0.1	151	<0.1	29
A0862715	2.6	0.62	<0.1	10.9	0.7	221	<0.2	0.7	0.036	<0.1	0.2	100	0.4	53
A0862716	2	0.29	<0.1	13.6	<0.5	89	<0.2	1.2	0.026	<0.1	0.3	144	<0.1	83
A0862717	2.4	0.19	<0.1	16.6	<0.5	86	<0.2	1	0.045	<0.1	0.2	166	<0.1	91
A0862718	16.8	0.51	<0.1	13.6	2.8	44	<0.2	0.9	0.086	<0.1	0.2	139	<0.1	71
A0862719	1.8	0.41	<0.1	12.9	0.7	32	<0.2	1	0.115	<0.1	0.2	190	<0.1	29
A0862719 Re	1.9	0.42	<0.1	12.7	0.6	32	<0.2	1	0.118	<0.1	0.2	188	<0.1	28
A0862720	1.4	0.07	<0.1	9.9	<0.5	15	<0.2	0.4	0.119	<0.1	<0.1	179	<0.1	21
A0862721	1.4	0.28	<0.1	9.4	0.6	17	<0.2	0.6	0.12	<0.1	0.2	186	<0.1	26
A0862722	0.9	0.08	<0.1	7.5	<0.5	16	<0.2	1.1	0.117	<0.1	0.2	174	<0.1	29
A0862723	0.6	0.09	<0.1	7.4	<0.5	16	<0.2	1.9	0.125	<0.1	0.5	152	<0.1	27
A0862724	0.7	0.39	<0.1	10.2	0.9	11	<0.2	0.7	0.109	0.1	0.2	183	<0.1	27
A0862725	0.7	0.11	<0.1	6.6	<0.5	12	<0.2	0.5	0.097	<0.1	0.1	151	<0.1	15
A0862726	1.4	0.34	<0.1	7.5	<0.5	10	<0.2	0.5	0.1	<0.1	0.2	166	<0.1	24
A0862727	0.7	0.23	<0.1	6.9	<0.5	10	<0.2	0.5	0.115	<0.1	0.1	184	<0.1	25

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58392
Date: October 7, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A0862728	0.8	0.26	<0.1	15.1	<0.5	29	<0.2	0.5	0.111	<0.1	0.1	166	<0.1	38
A0862729	0.7	0.21	<0.1	20.3	<0.5	18	<0.2	0.4	0.113	<0.1	<0.1	228	<0.1	27
A0862730	0.7	0.2	<0.1	19.3	<0.5	23	<0.2	0.4	0.106	<0.1	<0.1	222	<0.1	28
A0862731	2	0.87	<0.1	15.2	0.8	11	<0.2	0.6	0.101	<0.1	0.1	140	<0.1	21
A0862732	31.5	0.45	<0.1	10.8	3.7	20	0.2	0.7	0.072	<0.1	0.1	92	<0.1	50
A0862733	1.9	0.29	<0.1	13	0.6	15	<0.2	1.1	0.091	<0.1	0.2	121	<0.1	38
A0862734	1.3	0.39	<0.1	9.8	<0.5	16	<0.2	0.5	0.129	<0.1	0.1	125	0.1	32
A0862735	1.7	0.42	<0.1	15	<0.5	13	<0.2	0.6	0.201	<0.1	0.1	138	0.2	45
A0862736	1.3	0.39	<0.1	19.9	<0.5	11	<0.2	0.5	0.157	<0.1	0.1	187	0.5	79
A0862737	2	0.53	<0.1	18	1.3	14	<0.2	0.6	0.117	<0.1	0.1	145	<0.1	79
A0862738	3.5	0.5	<0.1	19.3	<0.5	18	<0.2	0.5	0.107	<0.1	<0.1	183	<0.1	96
A0862739	1.3	0.53	<0.1	17.8	<0.5	16	<0.2	0.4	0.178	<0.1	<0.1	183	<0.1	86
A0862740	1.7	0.25	<0.1	11.7	<0.5	17	<0.2	1	0.094	<0.1	0.2	126	<0.1	67
STD OREAS262	55.8	0.26	4.7	3.2	<0.5	34	<0.2	8.8	0.003	0.4	1.2	21	0.1	145
STD OREAS262	56.1	0.28	2.9	3.8	<0.5	37	0.3	9.4	0.003	0.5	1.2	22	0.1	156
STD DS11	141.3	0.29	6.9	3.4	2	68	4.9	7.8	0.092	5.1	2.6	48	2.6	336
STD OREAS262	59	0.27	2.8	3.5	<0.5	38	0.3	9.7	0.003	0.5	1.3	22	0.1	155
STD DS11	135.8	0.28	7.6	3.1	2.2	66	4.8	7.2	0.092	4.9	2.3	49	3.1	341
STD OREAS262	54.5	0.27	3.1	3.2	<0.5	35	0.2	8.8	0.003	0.5	1.1	22	0.1	149
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Handstone1
TSL Report:	S58392
Date Received:	Sep 15, 2020
Date Reported:	Sep 22, 2020
Invoice:	78581

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58392

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78581
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862661	<.03		S58392
A0862662	<.03		S58392
A0862663	<.03	<.03	S58392
A0862664	<.03		S58392
A0862665	.10		S58392
A0862666	<.03		S58392
A0862667	<.03		S58392
A0862668	<.03	<.03	S58392
A0862669	<.03		S58392
A0862670	<.03		S58392
A0862671	<.03		S58392
A0862672	<.03		S58392
A0862673	<.03	<.03	S58392
A0862674	<.03		S58392
A0862675	<.03		S58392
A0862676	<.03		S58392
A0862677	.03		S58392
A0862678	<.03		S58392
A0862679	<.03		S58392
A0862680	<.03		S58392

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 22/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58392

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78581
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862681	<.03		S58392
A0862682	.05		S58392
A0862683	<.03	<.03	S58392
A0862684	<.03		S58392
A0862685	<.03		S58392
A0862686	<.03		S58392
A0862687	<.03		S58392
A0862688	<.03	<.03	S58392
A0862689	<.03		S58392
A0862690	<.03		S58392
A0862691	<.03		S58392
A0862692	<.03		S58392
A0862693	<.03	<.03	S58392
A0862694	<.03		S58392
A0862695	<.03		S58392
A0862696	<.03		S58392
A0862697	<.03		S58392
A0862698	<.03		S58392
A0862699	<.03		S58392
A0862700	<.03		S58392

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 22/20

SIGNED

Mark Acres - Quality Assurance

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58392

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78581
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862701	<.03		S58392
A0862702	<.03		S58392
A0862703	.03	.03	S58392
A0862704	<.03		S58392
A0862705	<.03		S58392
A0862706	<.03		S58392
A0862707	<.03		S58392
A0862708	<.03	<.03	S58392
A0862709	<.03		S58392
A0862710	<.03		S58392
A0862711	<.03		S58392
A0862712	<.03		S58392
A0862713	<.03	<.03	S58392
A0862714	<.03		S58392
A0862715	<.03		S58392
A0862716	<.03		S58392
A0862717	<.03		S58392
A0862718	<.03		S58392
A0862719	<.03		S58392
A0862720	<.03		S58392

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 22/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 - 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58392

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78581
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862721	<.03		S58392
A0862722	<.03		S58392
A0862723	<.03	<.03	S58392
A0862724	<.03		S58392
A0862725	<.03		S58392
A0862726	<.03		S58392
A0862727	<.03		S58392
A0862728	<.03	<.03	S58392
A0862729	<.03		S58392
A0862730	<.03		S58392
A0862731	<.03		S58392
A0862732	<.03		S58392
A0862733	<.03	<.03	S58392
A0862734	<.03		S58392
A0862735	<.03		S58392
A0862736	<.03		S58392
A0862737	<.03		S58392
A0862738	<.03		S58392
A0862739	<.03		S58392
A0862740	<.03		S58392

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58392

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78581
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.13		S58392
GS-7E	7.58		S58392
GS-7E	7.41		S58392
GS-7E	7.34		S58392

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TSL LABORATORIES
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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58393
Geologist:	T. Fiolleau	Date Received:	Sep 15, 2020
Project:	Doc Project	Date Reported:	Oct 06, 2020
Purchase Order:	Hanstone1	Invoice:	78582

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58393
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862741	0.3	1.64	1.3	4.8	<20	10	0.4	1.15	<0.1	18	68	119.3	3.74	7	<0.01	0.03	2	1.22	375	2.7	0.118	9.7	0.046
A0862742	0.2	2.02	0.6	<0.5	<20	10	0.3	1.29	<0.1	13.9	54	81.5	4.5	8	<0.01	0.03	1	1.6	546	1.3	0.064	10.9	0.046
A0862743	0.1	1.43	0.7	<0.5	<20	12	0.2	2.17	<0.1	10.2	103	46.4	3.35	6	<0.01	0.03	3	1.12	569	0.9	0.068	15.8	0.05
A0862743 Re	0.1	1.43	0.7	<0.5	<20	12	0.2	2.19	<0.1	10.5	102	45.9	3.4	6	<0.01	0.03	3	1.14	567	0.9	0.067	16.4	0.05
A0862744	<0.1	1.61	0.8	<0.5	<20	40	<0.1	2.81	<0.1	13.4	55	36.3	2.9	6	<0.01	0.16	3	1.53	714	0.5	0.088	20.6	0.144
A0862745	<0.1	2.54	0.8	<0.5	<20	50	<0.1	2.47	<0.1	19.5	67	40.7	4	9	<0.01	0.23	2	2.37	943	0.3	0.085	29	0.151
A0862746	<0.1	2.21	0.8	<0.5	<20	65	<0.1	2.51	0.1	19.1	61	75.8	4.15	8	<0.01	0.32	2	2.08	911	0.3	0.074	28.2	0.113
A0862747	<0.1	2.3	<0.5	1.1	<20	68	<0.1	3	<0.1	21.8	159	70.1	2.75	6	<0.01	0.21	<1	2.68	519	<0.1	0.073	130	0.082
A0862748	<0.1	2.85	0.6	3.3	<20	49	<0.1	3.71	<0.1	25	176	76.1	3.41	7	<0.01	0.16	<1	3.25	721	<0.1	0.046	128.1	0.072
A0862749	0.2	1.78	0.6	6.3	<20	80	<0.1	2.13	<0.1	20.5	122	197.2	2.14	4	<0.01	0.23	1	2.06	376	<0.1	0.111	108.4	0.101
A0862750	<0.1	1.89	0.6	1.2	<20	63	<0.1	2.39	<0.1	20.1	150	85.2	2.2	5	<0.01	0.2	<1	2.28	459	<0.1	0.068	117.2	0.085
A0862751	<0.1	1.62	1.7	2.6	<20	48	<0.1	3.47	<0.1	20.8	96	38.5	3.42	6	<0.01	0.24	4	1.48	478	0.7	0.07	40.8	0.098
A0862752	<0.1	1.99	0.8	4.3	<20	26	0.1	3.24	<0.1	17	109	28.6	3.86	7	<0.01	0.15	4	2.27	530	0.9	0.037	73.9	0.093
A0862753	0.4	0.83	0.6	74.5	<20	275	0.1	4.68	0.4	12.6	93	38	3.4	4	<0.01	0.15	3	1.79	908	13.5	0.07	44	0.06
A0862754	1.8	0.65	0.7	115.8	<20	85	0.2	1.27	0.2	9.4	99	195.2	2.52	3	<0.01	0.12	3	1.28	361	5.4	0.055	81.2	0.032
A0862755	<0.1	2.3	0.9	3.2	<20	64	<0.1	5.45	<0.1	17.1	77	29.5	4.54	9	<0.01	0.29	8	2.26	723	0.9	0.058	35.9	0.143
A0862756	0.3	1.05	0.8	9	<20	50	0.2	3.85	0.3	14	90	35.4	2.91	4	<0.01	0.2	4	1.51	618	1.3	0.031	57	0.064
A0862757	0.1	1.87	0.6	8.9	<20	115	0.1	2.74	0.2	15.3	91	30.6	3.75	7	<0.01	0.42	4	1.98	523	1.8	0.052	48.4	0.084
A0862758	<0.1	2	1	2.4	<20	57	0.1	1.51	<0.1	15.6	114	43.2	3.91	9	<0.01	0.18	5	1.99	336	1.1	0.031	55.6	0.054
A0862759	<0.1	2.29	0.9	2.1	<20	31	0.1	1.72	<0.1	15.7	65	23.9	4.21	9	<0.01	0.17	6	2.21	392	2.4	0.097	40.6	0.152
A0862760	<0.1	2.33	<0.5	5.3	<20	93	0.2	0.79	<0.1	26.5	58	92.4	4.88	10	<0.01	0.52	2	2.43	445	2.4	0.068	36.2	0.083
A0862761	<0.1	2.05	<0.5	5.7	<20	39	<0.1	1.78	<0.1	17	35	55.8	4.67	10	<0.01	0.18	8	2.07	432	1.6	0.106	7	0.24
A0862762	0.2	3.54	0.6	6.8	<20	61	0.1	2.82	0.1	29.3	40	134.3	6.37	12	<0.01	0.3	3	3.41	1138	0.8	0.031	12.9	0.076
A0862763	0.2	3.1	0.7	5.6	<20	68	0.1	2.77	0.1	28.1	37	133.2	6.28	11	<0.01	0.28	3	2.87	1122	1.3	0.06	11.6	0.111
A0862764	0.1	1.82	0.8	5.9	<20	54	<0.1	1.2	<0.1	26.3	46	202.2	5.2	7	<0.01	0.18	2	1.65	582	1.1	0.107	11	0.069
A0862765	<0.1	2.21	0.8	3.2	<20	64	<0.1	2.26	<0.1	25.8	46	156.8	5.26	8	<0.01	0.26	2	1.91	789	0.7	0.154	11.6	0.069
A0862766	<0.1	1.96	0.5	2.5	<20	29	<0.1	2.08	<0.1	29.6	45	149	4.9	7	<0.01	0.11	2	1.97	691	1.2	0.111	13.5	0.064
A0862767	0.4	2.34	0.9	20.6	<20	64	<0.1	5.25	0.7	29.7	46	190.2	6.13	8	<0.01	0.44	2	2.76	1519	0.6	0.038	15.4	0.054
A0862768	0.2	3.08	0.7	5.5	<20	59	<0.1	4.71	0.2	28.1	47	150.7	6.21	9	<0.01	0.2	2	2.68	1239	0.4	0.022	16.2	0.051
A0862769	0.2	2.74	<0.5	3.9	<20	70	<0.1	3.96	0.2	26.1	49	178.4	5.54	9	<0.01	0.23	2	2.42	1055	0.6	0.058	14.4	0.051
A0862770	0.1	2.36	0.9	6.3	<20	38	<0.1	1.88	<0.1	26.6	52	234.3	4.79	7	<0.01	0.09	2	2.21	820	0.6	0.071	14.4	0.059
A0862771	0.2	3.13	<0.5	3.5	<20	62	<0.1	4.52	0.2	29.7	52	153.3	6.21	10	<0.01	0.22	3	2.89	1276	0.6	0.038	15.7	0.056
A0862772	0.1	2.53	0.6	3.5	<20	175	<0.1	3.9	0.2	24.8	52	113.2	4.75	7	<0.01	0.39	2	2.5	1031	1.2	0.059	16.1	0.052
A0862773	<0.1	2.13	0.7	4.4	<20	111	<0.1	1.19	<0.1	26.6	57	162.4	5.04	7	<0.01	0.53	2	2.04	553	0.8	0.15	13.9	0.062
A0862774	<0.1	2.08	0.6	3.7	<20	108	<0.1	0.98	<0.1	27.4	55	165.4	4.89	7	<0.01	0.53	2	2.05	523	0.6	0.1	13.9	0.066

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58393
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862775	<0.1	3.02	<0.5	1.7	<20	136	<0.1	2.86	0.1	26	76	72.2	5.14	11	<0.01	0.65	5	3.15	723	1	0.078	37.9	0.109
A0862776	<0.1	2.28	<0.5	6.7	<20	139	<0.1	1.13	<0.1	26.1	54	170.9	4.81	8	<0.01	0.52	2	2.21	449	0.9	0.095	17.4	0.068
A0862777	<0.1	1.9	<0.5	4.9	<20	73	<0.1	2.26	<0.1	25.5	55	126.1	4.6	7	<0.01	0.32	3	1.84	500	0.7	0.144	18.3	0.058
A0862778	<0.1	2.68	0.5	2.9	<20	119	<0.1	1.4	<0.1	28.8	60	146.3	5.42	8	<0.01	0.45	1	2.56	833	0.4	0.073	18.9	0.052
A0862779	<0.1	2.82	0.6	2.7	<20	121	<0.1	1.79	<0.1	28.4	125	101.1	5.62	10	<0.01	0.42	3	3.14	781	0.7	0.085	92.8	0.088
A0862779 Re	<0.1	2.84	<0.5	4.6	<20	120	<0.1	1.82	<0.1	28.5	126	101.6	5.61	10	<0.01	0.42	3	3.13	777	0.7	0.085	92.3	0.088
A0862780	0.1	2.17	1.5	4.4	<20	50	0.1	1.65	<0.1	29.1	58	79.4	5.64	9	<0.01	0.13	5	2.23	700	1.2	0.044	28.8	0.089
A0862781	0.1	1.42	1.8	9.4	<20	21	0.3	1.14	<0.1	36.3	115	155.2	3.24	7	<0.01	0.06	6	1.54	217	2.2	0.105	57.4	0.097
A0862782	<0.1	1.62	2.7	11.1	<20	51	0.1	3.96	<0.1	23.5	132	151.5	3.08	7	<0.01	0.05	4	1.69	424	1.6	0.066	42.3	0.107
A0862783	<0.1	0.84	2.5	3.7	<20	557	<0.1	10.22	<0.1	11.8	103	77.7	1.64	3	<0.01	0.05	2	0.75	570	1.5	0.03	23.6	0.053
A0862784	<0.1	1.51	2	4.2	<20	68	0.2	2.82	<0.1	13	142	89.7	3.05	6	<0.01	0.26	3	1.44	434	1.3	0.052	38.5	0.125
A0862785	0.2	1.1	2.6	2.3	<20	29	0.3	0.94	<0.1	8.7	229	40.1	2.14	4	<0.01	0.11	4	0.99	266	1.4	0.065	62.3	0.037
A0862786	0.3	0.87	4	3.4	<20	28	0.4	1.74	<0.1	8.7	227	32.7	2.11	4	<0.01	0.08	6	0.87	331	1.6	0.041	73.8	0.037
A0862787	0.2	1.21	3.3	4.8	<20	44	0.3	2.28	<0.1	11.9	256	93.1	2.12	4	<0.01	0.17	5	1.07	399	2.4	0.043	122.7	0.032
A0862788	0.1	1.34	2.7	2.1	<20	74	0.2	2.79	<0.1	12.1	217	48.8	2.29	5	<0.01	0.16	5	1.3	417	1.2	0.042	77.6	0.091
A0862789	0.2	0.86	3.8	1.8	<20	34	0.3	6.11	<0.1	12.2	172	96.7	1.68	3	<0.01	0.07	5	0.82	494	1.2	0.041	48.8	0.072
A0862790	0.1	0.92	2.5	2.7	<20	39	0.3	3.55	<0.1	8.9	235	74.3	1.9	3	<0.01	0.08	5	0.9	367	0.8	0.032	58.1	0.035
A0862791	<0.1	1.08	1.5	2	<20	30	0.1	5.6	<0.1	7.8	144	67.3	1.85	4	<0.01	0.04	5	1.05	508	1.8	0.043	78.9	0.024
A0862792	<0.1	0.4	3	1.5	<20	12	0.3	12.77	<0.1	5.8	88	40	1.38	1	<0.01	0.04	3	0.39	469	2.9	0.012	18.6	0.031
A0862793	<0.1	0.87	1.3	1.3	<20	59	0.2	13.62	0.1	8.2	70	63.1	1.9	2	<0.01	0.11	2	0.8	890	3.4	0.017	18	0.047
A0862794	<0.1	1.37	0.8	1.6	<20	40	0.2	8.75	<0.1	13.5	77	69.3	3.16	5	0.01	0.07	3	1.02	742	2.3	0.033	14.1	0.051
A0862795	0.1	2.48	0.9	1.1	<20	95	0.1	2.22	<0.1	19	47	84.7	4.73	9	<0.01	0.2	4	1.7	950	1.4	0.06	13.1	0.066
A0862796	0.3	2.42	0.6	8.4	<20	105	0.1	2.23	0.2	21.2	44	80.9	5.22	10	<0.01	0.13	4	1.88	1352	1.4	0.048	10.6	0.065
A0862797	0.3	2.1	<0.5	1.6	<20	125	<0.1	3.74	0.3	21.2	29	77.6	5.27	8	<0.01	0.36	5	1.89	1513	0.8	0.051	8.7	0.126
A0862798	1.8	1.5	0.6	174.5	<20	154	0.1	4.39	1.1	22.1	72	274.6	4.9	4	0.02	0.7	2	1.47	2141	0.8	0.018	9.6	0.141
A0862799	0.2	3	<0.5	1	<20	114	<0.1	2.91	0.2	21.9	31	71.5	5.55	10	<0.01	0.28	4	2.01	1339	0.9	0.044	11.2	0.071
A0862800	0.3	2.87	0.6	1.1	<20	56	<0.1	4.56	0.2	22.6	79	93.8	5.49	11	<0.01	0.11	6	2.24	1390	0.6	0.034	17.6	0.109
A0862801	0.3	3.15	0.6	0.7	<20	33	<0.1	1.83	0.3	24.2	39	100.1	6.36	14	<0.01	0.1	2	2.37	1625	1	0.058	12.4	0.073
A0862802	0.2	2.78	0.7	0.8	<20	51	<0.1	2.9	0.2	21.1	53	71.1	6.24	12	<0.01	0.12	3	1.9	1345	1	0.046	11.8	0.081
A0862803	0.2	2.28	<0.5	1.6	<20	43	<0.1	1.92	<0.1	18.3	92	69.3	4.96	9	<0.01	0.2	4	1.67	810	0.7	0.055	20.7	0.075
A0862804	0.2	1.82	0.5	1.5	<20	57	<0.1	2.79	<0.1	12.4	96	44.8	3.8	7	<0.01	0.26	6	0.83	629	2.9	0.031	18.3	0.089
A0862805	0.2	2.07	<0.5	1.1	<20	26	<0.1	2.83	<0.1	18	63	52.1	4.42	8	<0.01	0.12	3	1.66	954	0.8	0.086	18.8	0.056
A0862806	2.5	0.59	1.4	241.6	<20	145	<0.1	1.97	0.4	15.4	223	54.4	3.7	3	0.06	0.29	4	0.87	1179	34.1	0.058	19.5	0.036
A0862807	0.2	1.94	<0.5	6.7	<20	83	<0.1	2.63	0.1	19.5	73	73	5.15	9	<0.01	0.16	5	1.64	1085	1.2	0.079	18.3	0.057
A0862808	0.2	2.33	<0.5	6.2	<20	62	<0.1	2.19	<0.1	21.1	50	85	5.61	10	<0.01	0.17	4	1.72	1069	0.8	0.049	13.1	0.067

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58393
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS
Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862809	0.3	2.47	<0.5	13.2	<20	221	<0.1	2.91	0.2	20.5	39	73.3	5.31	9	<0.01	0.45	5	1.68	1148	1.3	0.056	10.3	0.067
A0862810	0.5	2.54	0.9	4.7	<20	58	0.5	2.43	0.7	23.7	40	98.8	6.22	12	<0.01	0.28	3	1.98	1397	1	0.052	11.8	0.077
A0862811	0.2	2.64	<0.5	2.5	<20	46	<0.1	2.04	0.1	21.7	33	85.5	6.03	12	<0.01	0.24	2	1.88	1182	0.9	0.066	9.7	0.08
A0862812	0.3	2.89	0.6	3.5	<20	71	<0.1	2.35	0.2	23.6	35	100	5.99	12	<0.01	0.35	2	2.03	1222	1.2	0.044	12	0.076
A0862813	0.2	2.71	<0.5	6.4	<20	117	<0.1	2.12	0.3	19.9	33	68.1	5.57	11	<0.01	0.38	2	1.77	1367	0.8	0.064	8.3	0.076
A0862814	0.2	2.46	0.7	3.7	<20	66	<0.1	1.98	0.7	18.4	36	55.8	5.47	11	<0.01	0.18	2	1.65	1357	0.7	0.044	7.6	0.07
A0862815	0.2	2.48	0.8	4.9	<20	153	<0.1	2.87	0.2	19.6	28	59.2	5.21	10	<0.01	0.37	3	1.61	1146	0.9	0.05	9.2	0.063
A0862815 Re	0.2	2.49	0.9	4.8	<20	152	<0.1	2.79	0.2	19.8	28	59.5	5.27	10	<0.01	0.36	3	1.63	1161	0.9	0.051	9.2	0.063
A0862816	0.2	2.71	<0.5	3.8	<20	109	0.1	2.44	0.1	18.4	52	78.8	5.32	10	<0.01	0.22	6	1.82	1071	0.5	0.035	13.3	0.074
A0862817	0.2	2.65	<0.5	4.2	<20	128	<0.1	2.25	0.1	16	60	83.8	4.81	10	<0.01	0.28	6	1.7	1000	0.7	0.053	10	0.095
A0862818	0.2	2.62	<0.5	5.8	<20	78	<0.1	2.04	0.2	21.1	57	121.1	5.55	10	<0.01	0.22	5	1.88	1021	1.2	0.044	11.9	0.075
A0862819	0.3	2.22	<0.5	7.8	<20	75	<0.1	1.96	0.1	20.5	78	127.1	5.44	8	<0.01	0.28	3	1.77	880	0.7	0.051	15.3	0.054
A0862820	0.1	2.36	0.7	7.2	<20	218	<0.1	2.99	<0.1	21	58	86.4	5.81	8	<0.01	0.21	2	1.98	1098	0.5	0.036	11.5	0.067
STD OREAS262	0.4	1.18	34.6	64.8	<20	255	1	2.82	0.7	26.7	40	106.7	3.18	3	0.15	0.3	16	1.17	526	0.7	0.067	61.4	0.034
STD DS11	1.9	1.18	45.7	47.7	<20	418	10.5	1.08	2.3	14.7	60	145.1	3.16	6	0.28	0.41	18	0.86	1052	15.2	0.072	85.8	0.069
STD OREAS262	0.5	1.28	36.2	70.6	<20	245	0.9	2.99	0.6	27.5	43	111.5	3.2	4	0.17	0.31	16	1.15	547	0.7	0.066	67.1	0.037
STD OREAS262	0.5	1.34	37.4	70.2	<20	251	0.9	3	0.6	27.8	45	113	3.28	5	0.16	0.33	17	1.19	551	0.8	0.068	68.8	0.037
STD DS11	1.8	1.1	44.4	73	<20	404	10	1.02	2.1	13.6	58	143.1	3.07	5	0.27	0.39	17	0.81	996	14.7	0.069	82.5	0.066
STD OREAS262	0.5	1.2	35.8	57.9	<20	240	0.9	2.89	0.6	27	42	112.1	3.31	4	0.16	0.29	15	1.17	529	0.7	0.067	67.1	0.036
BLK	<0.1	0.02	<0.5	<0.5	<20	<1	<0.1	0.03	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:______________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58393
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862741	2.2	0.57	<0.1	14.8	1	13	<0.2	0.7	0.102	<0.1	0.1	123	0.1	33
A0862742	1.5	0.49	<0.1	16.9	<0.5	12	<0.2	0.5	0.092	<0.1	<0.1	152	<0.1	43
A0862743	2.8	0.51	0.1	10.4	1.3	20	<0.2	0.6	0.129	<0.1	0.1	98	0.2	53
A0862743 Re	2.9	0.51	0.1	10.6	1.2	21	<0.2	0.6	0.131	<0.1	0.1	99	0.2	54
A0862744	1.8	0.11	<0.1	4.9	<0.5	34	<0.2	0.3	0.154	<0.1	0.4	72	<0.1	60
A0862745	2.8	0.06	0.1	7.9	<0.5	40	<0.2	0.4	0.167	<0.1	0.4	116	<0.1	80
A0862746	3.6	0.14	<0.1	9.6	<0.5	48	<0.2	0.3	0.173	<0.1	0.3	134	<0.1	89
A0862747	1.6	<0.05	<0.1	6.2	<0.5	56	<0.2	0.2	0.181	<0.1	<0.1	94	<0.1	32
A0862748	1.7	<0.05	<0.1	10.5	<0.5	76	<0.2	0.1	0.188	<0.1	<0.1	123	<0.1	49
A0862749	3.3	0.1	0.1	5.7	<0.5	64	<0.2	0.2	0.18	<0.1	0.1	69	<0.1	24
A0862750	1.3	0.07	0.1	6.2	<0.5	65	<0.2	0.1	0.16	<0.1	<0.1	71	<0.1	28
A0862751	1.1	0.22	<0.1	5.3	0.7	36	<0.2	0.7	0.146	<0.1	0.2	73	0.1	19
A0862752	1.1	0.35	<0.1	10.1	0.7	37	<0.2	0.7	0.063	<0.1	0.2	95	<0.1	22
A0862753	4.5	1.15	<0.1	12	0.9	92	0.4	0.4	0.025	<0.1	0.2	62	0.2	33
A0862754	5.2	1.44	<0.1	7.8	1.8	39	1.2	0.7	0.015	<0.1	0.3	44	<0.1	37
A0862755	1.6	0.2	0.1	9.5	0.5	78	<0.2	1	0.103	0.1	0.3	107	0.1	36
A0862756	14.8	0.69	<0.1	5.2	1.3	80	<0.2	0.5	0.017	<0.1	0.3	40	0.1	27
A0862757	2.5	0.65	<0.1	8.5	1	66	<0.2	0.5	0.038	0.2	0.2	79	0.1	31
A0862758	2.7	0.56	<0.1	9.8	1.3	23	<0.2	1	0.077	<0.1	0.3	105	0.3	34
A0862759	1.2	0.62	<0.1	6.2	1	24	<0.2	1.4	0.15	<0.1	0.4	92	0.2	28
A0862760	0.6	0.9	<0.1	6.6	1.1	8	<0.2	0.8	0.176	0.1	0.3	164	<0.1	30
A0862761	0.7	0.15	<0.1	4.4	<0.5	20	<0.2	1.8	0.12	<0.1	0.6	98	0.1	26
A0862762	1.6	0.26	<0.1	20.1	0.5	71	<0.2	0.5	0.112	0.1	0.2	215	<0.1	54
A0862763	1.7	0.34	<0.1	15.2	<0.5	66	<0.2	0.7	0.121	0.1	0.3	184	<0.1	55
A0862764	0.7	0.39	<0.1	8.4	<0.5	24	<0.2	0.3	0.182	<0.1	0.1	178	<0.1	38
A0862765	1.1	0.57	0.1	11.8	<0.5	32	<0.2	0.3	0.216	<0.1	0.1	188	0.1	45
A0862766	1.1	0.72	0.1	9.1	<0.5	38	<0.2	0.3	0.18	<0.1	0.1	151	<0.1	42
A0862767	5.6	0.98	0.1	17.3	<0.5	157	<0.2	0.3	0.047	0.2	<0.1	146	0.3	76
A0862768	2.2	0.39	<0.1	9.5	<0.5	117	<0.2	0.3	0.05	<0.1	<0.1	116	<0.1	60
A0862769	1.8	0.34	0.1	10.8	<0.5	92	<0.2	0.3	0.092	<0.1	<0.1	134	<0.1	61
A0862770	1	0.46	0.2	9.6	<0.5	45	<0.2	0.3	0.182	<0.1	0.1	129	<0.1	46
A0862771	2.6	0.21	<0.1	15.6	<0.5	150	<0.2	0.3	0.044	<0.1	0.1	154	<0.1	58
A0862772	2.2	0.56	0.1	9.9	<0.5	127	<0.2	0.2	0.124	0.1	0.1	108	0.1	44
A0862773	0.6	0.29	0.1	9.9	<0.5	29	<0.2	0.4	0.21	0.1	0.1	168	<0.1	39
A0862774	0.6	0.27	0.1	8.4	<0.5	26	<0.2	0.3	0.206	0.1	0.1	159	<0.1	39

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58393
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862775	1.3	0.17	<0.1	14.9	<0.5	70	<0.2	0.9	0.17	0.2	0.2	152	<0.1	46
A0862776	0.9	0.44	<0.1	8.6	0.8	22	<0.2	0.4	0.175	0.1	0.2	153	<0.1	33
A0862777	1.4	0.38	0.1	10	0.6	30	<0.2	0.5	0.222	<0.1	0.3	157	0.1	24
A0862778	0.9	0.17	<0.1	10.9	<0.5	36	<0.2	0.3	0.167	<0.1	0.1	164	<0.1	47
A0862779	0.9	0.25	<0.1	13.2	<0.5	31	<0.2	0.6	0.142	0.1	0.2	170	<0.1	60
A0862779 Re	0.9	0.25	<0.1	13.1	<0.5	31	<0.2	0.6	0.142	0.1	0.2	170	<0.1	60
A0862780	2	0.22	<0.1	14.3	0.6	23	<0.2	0.9	0.039	<0.1	0.3	190	<0.1	53
A0862781	0.6	0.77	<0.1	9.8	2.5	12	<0.2	1.1	0.142	<0.1	0.4	127	0.2	13
A0862782	0.5	0.54	<0.1	6.4	1.2	30	<0.2	1	0.139	<0.1	0.3	88	0.1	15
A0862783	0.7	0.32	<0.1	3	1	57	<0.2	0.4	0.103	<0.1	0.3	41	0.2	9
A0862784	0.8	0.47	<0.1	3.4	1.1	21	<0.2	0.6	0.143	<0.1	0.3	51	0.1	22
A0862785	1.9	0.44	<0.1	4	1.1	10	<0.2	0.6	0.017	<0.1	0.2	47	<0.1	38
A0862786	3.6	0.58	<0.1	4	1.6	20	<0.2	0.6	0.003	<0.1	0.2	46	<0.1	41
A0862787	1.6	0.47	<0.1	4.3	1.5	23	<0.2	0.6	0.012	<0.1	0.3	43	<0.1	37
A0862788	1.3	0.43	<0.1	5.4	1.3	27	<0.2	0.8	0.074	<0.1	0.5	63	<0.1	22
A0862789	1.1	0.56	<0.1	4.2	2.2	39	<0.2	0.5	0.038	<0.1	0.3	41	0.1	9
A0862790	0.9	0.62	<0.1	4.1	2.8	27	<0.2	0.5	0.037	<0.1	0.2	46	0.1	11
A0862791	1.3	0.53	<0.1	4.4	2.3	49	<0.2	0.4	0.035	<0.1	0.3	55	<0.1	18
A0862792	1.1	0.93	<0.1	2	1.8	58	<0.2	0.2	0.037	<0.1	0.4	18	0.1	9
A0862793	1.8	1.18	<0.1	2.8	3.8	104	<0.2	0.2	0.076	<0.1	0.3	36	0.1	31
A0862794	2.6	1	<0.1	6.4	2.5	62	<0.2	0.3	0.077	<0.1	0.2	69	<0.1	32
A0862795	1.3	0.35	<0.1	9.7	0.6	29	<0.2	0.7	0.138	<0.1	0.2	113	<0.1	54
A0862796	3.8	0.56	<0.1	13.4	0.6	52	<0.2	0.5	0.071	<0.1	<0.1	145	<0.1	136
A0862797	2.5	0.46	<0.1	8	<0.5	93	<0.2	0.5	0.064	0.1	0.1	89	0.1	102
A0862798	24.9	1.97	0.2	6.6	0.9	172	0.7	0.2	0.064	0.3	0.1	43	0.5	81
A0862799	3	0.33	<0.1	10	<0.5	86	<0.2	0.5	0.075	<0.1	<0.1	126	<0.1	122
A0862800	4.2	0.7	<0.1	14.6	0.9	80	<0.2	0.5	0.112	<0.1	0.1	143	<0.1	93
A0862801	3.8	0.38	<0.1	17.8	0.9	23	<0.2	0.3	0.239	<0.1	<0.1	212	<0.1	203
A0862802	2.2	0.37	<0.1	14.7	0.9	50	<0.2	0.6	0.201	<0.1	0.1	169	<0.1	111
A0862803	1	0.21	<0.1	9.6	0.6	27	<0.2	0.7	0.147	<0.1	0.1	152	<0.1	83
A0862804	1.7	0.34	0.1	4.5	0.9	32	<0.2	0.6	0.091	<0.1	0.2	59	<0.1	61
A0862805	2.2	0.2	<0.1	12.9	0.5	43	<0.2	0.4	0.082	<0.1	0.1	158	<0.1	98
A0862806	15.8	2.18	0.3	7.4	0.8	72	1.5	0.2	0.025	0.1	0.2	53	0.3	53
A0862807	2.9	0.35	0.1	15	0.7	49	<0.2	0.5	0.102	<0.1	0.2	177	<0.1	99
A0862808	1.8	0.26	0.1	13	0.7	31	<0.2	0.5	0.134	<0.1	0.1	151	<0.1	100

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

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Mark Acres - Quality Assurance

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Attention: T. Fiolleau
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Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862809	6.6	0.32	0.2	11.4	0.5	65	<0.2	0.7	0.123	0.2	0.1	123	0.2	155
A0862810	47.9	0.19	0.1	17	0.8	31	<0.2	0.4	0.255	0.1	0.1	205	<0.1	179
A0862811	4.1	0.37	0.1	12.8	1.1	25	<0.2	0.4	0.305	<0.1	<0.1	185	0.1	111
A0862812	2.6	0.34	0.1	11.1	0.7	30	<0.2	0.3	0.322	0.1	<0.1	176	0.1	110
A0862813	3.3	0.28	0.1	12.2	0.7	30	<0.2	0.4	0.312	0.1	0.1	156	0.1	149
A0862814	24.9	0.26	0.1	12.4	0.7	28	<0.2	0.3	0.258	<0.1	<0.1	134	0.1	144
A0862815	13.6	0.52	0.2	11.7	0.6	70	<0.2	0.5	0.1	0.1	0.1	116	0.1	117
A0862815 Re	13.8	0.54	0.2	11.7	0.6	70	<0.2	0.5	0.099	0.1	0.1	116	0.1	117
A0862816	4.4	0.32	0.1	9.1	<0.5	60	<0.2	0.8	0.054	<0.1	0.3	103	<0.1	105
A0862817	6	0.24	0.1	9.4	<0.5	56	<0.2	1.4	0.049	<0.1	1.6	97	<0.1	109
A0862818	11.5	0.42	0.1	9.7	<0.5	46	<0.2	1	0.048	<0.1	0.1	126	<0.1	148
A0862819	4.6	0.57	0.1	8.1	0.7	39	<0.2	0.7	0.033	<0.1	0.1	97	<0.1	124
A0862820	3.4	0.37	<0.1	8.1	<0.5	81	<0.2	0.5	0.028	<0.1	0.1	98	<0.1	106
STD OREAS262	55.8	0.26	4.7	3.2	<0.5	34	<0.2	8.8	0.003	0.4	1.2	21	0.1	145
STD DS11	135.2	0.28	7.1	3.2	2.6	68	4.7	7.6	0.095	5.3	2.6	49	3.1	334
STD OREAS262	55.7	0.26	3.8	3.2	0.7	35	0.3	9.2	0.003	0.5	1.2	21	0.1	153
STD OREAS262	56.2	0.26	3.8	3.2	0.8	36	0.2	9.3	0.004	0.5	1.2	22	0.1	153
STD DS11	127.5	0.28	6	2.9	2.4	64	4.6	6.8	0.088	5.1	2.9	48	2.7	331
STD OREAS262	53.5	0.27	2.6	3	0.8	35	0.2	8.6	0.003	0.5	1.1	21	0.1	146
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Handstone1
TSL Report:	S58393
Date Received:	Sep 15, 2020
Date Reported:	Sep 22, 2020
Invoice:	78582

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58393

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78582
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862741	<.03		S58393
A0862742	<.03		S58393
A0862743	<.03		S58393
A0862744	<.03	<.03	S58393
A0862745	<.03		S58393
A0862746	<.03		S58393
A0862747	<.03		S58393
A0862748	<.03		S58393
A0862749	<.03	<.03	S58393
A0862750	<.03		S58393
A0862751	<.03		S58393
A0862752	<.03		S58393
A0862753	.07		S58393
A0862754	.10		S58393
A0862755	<.03		S58393
A0862756	<.03		S58393
A0862757	<.03		S58393
A0862758	<.03		S58393
A0862759	<.03		S58393
A0862760	<.03		S58393

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 22/20

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58393

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78582
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862761	<.03		S58393
A0862762	<.03		S58393
A0862763	<.03		S58393
A0862764	<.03	<.03	S58393
A0862765	<.03		S58393
A0862766	<.03		S58393
A0862767	<.03		S58393
A0862768	<.03		S58393
A0862769	<.03	<.03	S58393
A0862770	<.03		S58393
A0862771	<.03		S58393
A0862772	<.03		S58393
A0862773	<.03		S58393
A0862774	<.03	<.03	S58393
A0862775	<.03		S58393
A0862776	<.03		S58393
A0862777	<.03		S58393
A0862778	<.03		S58393
A0862779	<.03		S58393
A0862780	<.03		S58393

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58393

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78582
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862781	<.03		S58393
A0862782	<.03		S58393
A0862783	<.03		S58393
A0862784	<.03	<.03	S58393
A0862785	<.03		S58393
A0862786	<.03		S58393
A0862787	<.03		S58393
A0862788	<.03		S58393
A0862789	<.03	<.03	S58393
A0862790	<.03		S58393
A0862791	<.03		S58393
A0862792	<.03		S58393
A0862793	<.03		S58393
A0862794	<.03	<.03	S58393
A0862795	<.03		S58393
A0862796	<.03		S58393
A0862797	<.03		S58393
A0862798	.16		S58393
A0862799	<.03		S58393
A0862800	<.03		S58393

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INVOICE TO: Hanstone - BC

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58393

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78582
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862801	<.03		S58393
A0862802	<.03		S58393
A0862803	<.03		S58393
A0862804	<.03	<.03	S58393
A0862805	<.03		S58393
A0862806	.27		S58393
A0862807	<.03		S58393
A0862808	<.03		S58393
A0862809	<.03	<.03	S58393
A0862810	<.03		S58393
A0862811	<.03		S58393
A0862812	<.03		S58393
A0862813	<.03		S58393
A0862814	<.03	<.03	S58393
A0862815	<.03		S58393
A0862816	<.03		S58393
A0862817	<.03		S58393
A0862818	<.03		S58393
A0862819	<.03		S58393
A0862820	<.03		S58393

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58393

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78582
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.00		S58393
GS-7E	7.34		S58393
GS-7E	7.37		S58393
GS-7E	7.27		S58393

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2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58394
Geologist:	T. Fiolleau	Date Received:	Sep 15, 2020
Project:	Doc Project	Date Reported:	Oct 06, 2020
Purchase Order:	Hanstone1	Invoice:	78583

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862821	0.2	1.14	0.5	8.2	<20	121	<0.1	3.11	0.1	21.1	60	93	5.65	5	<0.01	0.15	3	1.59	1051	0.8	0.03	10.6	0.093
A0862822	0.3	1.41	<0.5	8.5	<20	45	<0.1	3.52	0.2	22.9	95	125.1	5.46	4	<0.01	0.27	2	2.06	1127	0.7	0.015	15.3	0.054
A0862823	0.8	0.91	1.4	176	<20	76	0.2	5.04	0.6	19.6	44	47.2	4.37	2	<0.01	0.24	2	1.58	1364	0.7	0.01	10.2	0.056
A0862824	0.1	1.63	<0.5	4	<20	669	<0.1	3.14	0.2	21.6	95	52.3	5.09	5	<0.01	0.17	2	1.73	986	0.8	0.02	12.5	0.073
A0862825	0.2	2.5	0.6	5.2	<20	17	0.1	1.77	<0.1	20.7	52	90.5	6.1	11	<0.01	0.06	2	2.11	666	1	0.023	13.6	0.057
A0862826	0.2	2.07	0.6	6	<20	40	0.1	1.53	<0.1	18.5	104	56.8	4.68	8	<0.01	0.29	2	1.6	479	1	0.036	10.9	0.07
A0862827	0.3	1.76	0.9	10.7	<20	49	0.1	3.2	0.2	19.4	60	56.3	4.62	6	<0.01	0.47	1	1.61	823	1.3	0.011	10.2	0.055
A0862828	0.3	2.26	<0.5	5.7	<20	36	0.1	2.49	0.2	19.9	74	93.7	5.52	9	<0.01	0.18	2	1.96	745	1.5	0.031	10.5	0.067
A0862829	0.1	2.57	<0.5	3.8	<20	33	<0.1	2.14	<0.1	18.3	46	67.6	5.22	10	<0.01	0.1	3	1.99	800	1	0.022	9.8	0.071
A0862830	<0.1	2.57	<0.5	3.4	<20	38	<0.1	2.2	0.1	17.8	78	64.1	5.16	10	<0.01	0.11	3	1.97	813	1.2	0.029	10.2	0.068
A0862831	<0.1	3.1	0.6	3.4	<20	30	0.1	2.14	<0.1	19.1	31	70	6.08	11	<0.01	0.1	3	2.4	877	1.6	0.019	10	0.077
A0862832	0.1	2.5	1.2	3.9	<20	37	0.2	1.48	<0.1	25.1	88	81	4.99	10	<0.01	0.12	10	1.89	648	2	0.033	12.8	0.051
A0862833	0.1	2.52	1.8	2.8	<20	22	0.3	1.56	<0.1	32.8	39	69.8	4.97	10	<0.01	0.09	14	1.97	646	1.9	0.021	12.7	0.045
A0862834	0.2	2.71	1.1	1.8	<20	42	0.3	2.03	<0.1	17.1	40	120.9	5.7	10	<0.01	0.11	5	1.98	879	1.6	0.022	11.5	0.077
A0862835	0.1	2.48	1.1	1.7	<20	28	0.2	3.51	<0.1	14.4	53	102.9	5.07	9	<0.01	0.08	6	1.74	1092	1.1	0.017	12.2	0.055
A0862836	0.1	2.47	1	1.8	<20	33	<0.1	2.44	<0.1	20.4	41	65.5	5.31	10	<0.01	0.11	2	1.73	1059	0.9	0.027	10.1	0.07
A0862837	0.1	2.51	1.2	1.9	<20	66	<0.1	2.22	<0.1	19.4	55	51	5.35	11	<0.01	0.2	1	1.78	1019	1	0.025	10.5	0.072
A0862838	0.3	2.91	0.8	2.2	<20	73	<0.1	2	0.1	22.7	64	100	6.4	12	<0.01	0.38	<1	2.07	1167	1.2	0.036	9.4	0.079
A0862839	0.3	3.15	1.3	2.2	<20	66	<0.1	2.12	0.1	21.3	38	143.3	6.87	14	<0.01	0.38	<1	2.33	1350	1.1	0.027	10.4	0.066
A0862840	0.2	2.47	<0.5	3.8	<20	54	0.2	1.46	<0.1	18.2	80	60.4	5.46	10	<0.01	0.12	2	1.77	921	1.8	0.049	12.5	0.047
A0862841	0.2	2.03	0.7	3.5	<20	50	0.2	1.08	<0.1	13.9	58	50.3	4.46	9	<0.01	0.07	3	1.48	694	1.8	0.028	10.9	0.029
A0862842	0.2	2.39	0.7	6.5	<20	101	0.1	1.7	<0.1	18.7	88	71.2	5.28	10	<0.01	0.14	3	1.71	887	1	0.041	12	0.045
A0862843	0.2	2.6	1.7	5.1	<20	62	0.1	1.76	<0.1	21.7	54	90.3	5.82	11	<0.01	0.23	1	2.04	920	1.2	0.028	15.8	0.061
A0862844	<0.1	2.61	0.7	2.3	<20	82	<0.1	2.02	<0.1	16.9	57	20.1	5.72	11	<0.01	0.26	4	1.9	958	1.4	0.043	13.8	0.119
A0862845	0.2	2.36	0.9	3.3	<20	41	<0.1	1.99	<0.1	17.2	39	80.9	5.28	10	<0.01	0.1	2	1.74	960	1.4	0.029	10.5	0.051
A0862846	0.2	2.14	<0.5	4.1	<20	51	<0.1	1.38	0.5	15.9	74	63.7	4.67	9	<0.01	0.12	2	1.57	874	1.4	0.042	10.9	0.044
A0862847	0.2	2.3	1	5.4	<20	46	0.2	1.43	0.8	18.4	46	82.2	5.02	10	<0.01	0.16	3	1.83	996	0.9	0.034	12.2	0.056
A0862848	0.1	2.43	<0.5	2.8	<20	29	0.2	1.63	0.4	16	78	56.2	4.9	11	<0.01	0.08	3	1.96	1146	1	0.046	8.8	0.066
A0862849	0.1	2.36	<0.5	3.4	<20	27	0.1	1.36	0.3	15.7	52	53.6	4.74	11	<0.01	0.08	3	1.97	1043	0.9	0.031	9	0.066
A0862850	0.2	2.8	<0.5	2.2	<20	53	<0.1	2.84	0.3	22.1	89	103.3	6.12	13	<0.01	0.26	1	2.26	1443	0.8	0.039	19.4	0.071
A0862851	0.2	3.02	<0.5	4	<20	82	<0.1	1.37	0.1	26	47	167.7	6.82	13	<0.01	0.41	<1	2.4	1355	1.1	0.025	14.5	0.059
A0862851 Re	0.2	3.08	<0.5	3.7	<20	83	0.1	1.38	0.1	26.6	47	168.7	7.01	14	<0.01	0.42	<1	2.44	1380	1.2	0.024	14.9	0.061
A0862852	0.1	2.86	0.6	1.8	<20	40	<0.1	1.76	<0.1	21.6	57	109.4	6.25	13	<0.01	0.21	1	2.26	1603	0.8	0.04	13.2	0.069
A0862853	0.1	2.28	<0.5	2.6	<20	49	<0.1	1.78	<0.1	18.4	61	79.7	5.39	10	<0.01	0.22	1	1.65	1013	0.8	0.03	12.2	0.067
A0862854	<0.1	1.77	0.6	3.3	<20	41	<0.1	1.83	<0.1	16.8	114	62.3	5.06	9	<0.01	0.21	2	1.54	826	1.5	0.04	18.2	0.083

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862855	<0.1	1.97	<0.5	4.1	<20	52	0.1	2.37	0.8	18.9	49	62.5	5.88	10	<0.01	0.26	2	1.75	999	1.1	0.028	10.8	0.107
A0862856	0.1	2.11	0.6	4	<20	77	0.1	2.5	1.1	22.1	58	93.6	6.65	11	<0.01	0.38	2	1.87	1118	0.7	0.055	10.5	0.073
A0862857	0.1	1.95	<0.5	3.5	<20	56	<0.1	2.15	0.2	18.8	49	73	5.71	10	<0.01	0.27	1	1.67	961	0.9	0.036	11.9	0.074
A0862858	0.1	1.97	<0.5	3.9	<20	53	0.1	2.17	0.6	18.5	65	93.4	5.79	10	<0.01	0.21	2	1.67	1075	0.8	0.054	9.1	0.079
A0862859	0.1	2.54	0.5	4	<20	58	<0.1	1.93	0.3	23.9	43	85.1	6.15	11	<0.01	0.21	<1	2.16	1288	0.8	0.037	14.2	0.083
A0862860	0.3	1.89	<0.5	36.1	<20	252	<0.1	4.32	0.5	32.4	65	123.5	7.58	9	<0.01	0.31	1	2.81	1675	0.6	0.038	11.8	0.061
A0862861	0.1	2.53	<0.5	39.2	<20	48	0.2	3.02	<0.1	30.3	18	52.1	7.66	12	<0.01	0.28	2	2.59	1004	0.5	0.019	12.6	0.067
A0862862	0.4	2.6	1.8	170.8	<20	51	0.6	4.74	0.2	40.5	85	264.5	8	12	<0.01	0.17	2	2.7	1314	0.5	0.032	21	0.063
A0862863	<0.1	1.45	<0.5	0.7	<20	94	<0.1	3.42	<0.1	17.8	59	5.4	2.23	5	<0.01	0.24	4	2.11	643	0.5	0.031	51.8	0.022
A0862864	0.3	2.16	<0.5	312.7	<20	68	0.5	6.74	0.2	24.5	58	53.9	4.97	9	<0.01	0.15	2	2.33	1495	2.2	0.031	19.3	0.073
A0862865	0.2	2.36	<0.5	59.5	<20	24	0.5	5.85	0.1	23.6	39	69.5	5.67	10	<0.01	0.17	2	2.24	1694	0.5	0.029	12	0.084
A0862866	0.1	2.41	1	3.9	<20	134	0.2	5.64	<0.1	41.3	62	133.6	8.99	12	<0.01	0.03	3	2.7	1516	0.8	0.033	9.6	0.085
A0862867	0.1	1.9	0.6	7.3	<20	126	<0.1	1.82	<0.1	24.9	34	165.7	7.39	10	<0.01	0.35	2	2.12	828	0.7	0.043	8.4	0.101
A0862868	0.2	2.82	<0.5	42.6	<20	50	0.4	1.73	<0.1	79	89	201.9	10.74	15	<0.01	0.31	7	3.43	774	4.5	0.033	26.1	0.114
A0862869	0.2	2.31	1.4	2.4	<20	15	0.3	5.68	0.1	44.5	41	16.2	5.77	9	<0.01	0.07	3	1.93	1193	0.6	0.029	20.6	0.062
A0862870	0.2	1.28	<0.5	32.6	<20	13	<0.1	1.48	<0.1	20.6	62	677.2	4.34	6	<0.01	0.07	2	1.13	532	0.5	0.116	8	0.074
A0862871	<0.1	0.64	1.7	0.7	<20	10	<0.1	1.41	<0.1	4.7	145	6.1	1.43	3	<0.01	0.03	2	0.5	133	1.4	0.044	56.8	0.033
A0862872	<0.1	0.99	3	<0.5	<20	24	<0.1	0.65	<0.1	5	195	4.1	2.03	6	<0.01	0.11	5	0.8	123	1.5	0.048	76.4	0.02
A0862873	<0.1	1.15	9.8	0.6	<20	22	<0.1	0.6	<0.1	9.2	96	36.3	2.32	6	<0.01	0.15	7	0.94	112	1.9	0.037	64.3	0.057
A0862874	0.5	1.3	9.5	5.1	<20	18	0.2	0.64	0.1	9.4	102	499.4	2.7	6	<0.01	0.19	4	1.07	122	2.8	0.029	54.9	0.044
A0862875	0.4	1.07	2	3.1	<20	4	0.2	1.37	0.1	9	92	387	2.5	4	<0.01	0.08	3	0.87	185	5.2	0.031	65.6	0.053
A0862876	0.1	1.71	2.5	1.8	<20	23	0.3	1.84	<0.1	9	130	49.8	3.4	10	<0.01	0.22	6	1.39	360	1.5	0.046	42.4	0.043
A0862877	<0.1	1.49	2.1	4	<20	29	0.2	0.34	<0.1	7.6	108	33.9	2.94	9	<0.01	0.3	10	1.25	194	1.1	0.033	69.3	0.012
A0862878	0.1	1.58	7.8	1	<20	18	0.1	0.37	0.1	8.9	184	55.6	3.18	8	<0.01	0.17	10	1.3	208	2.1	0.044	78.7	0.035
A0862879	0.2	1.52	1.9	1.3	<20	32	<0.1	0.53	<0.1	8.3	110	89.8	3.22	8	<0.01	0.27	7	1.27	193	1.6	0.028	65.1	0.057
A0862880	<0.1	1.27	1.4	1.1	<20	18	0.1	0.44	<0.1	7.2	207	46.1	2.85	6	<0.01	0.15	7	1.07	187	4.4	0.044	62.4	0.027
A0862881	<0.1	1.09	4.3	1.3	<20	12	0.2	0.48	<0.1	7.3	108	18.8	2.33	5	<0.01	0.14	8	0.93	156	0.8	0.024	57.6	0.016
A0862882	<0.1	1.3	2.7	0.7	<20	13	0.1	0.37	<0.1	6.3	205	21.2	2.8	8	<0.01	0.09	13	1.1	191	1	0.037	67.3	0.014
A0862883	0.2	0.92	3.4	1.2	<20	19	<0.1	0.76	<0.1	7.1	126	40.2	2.23	4	<0.01	0.05	5	0.77	192	1.8	0.026	74.7	0.017
A0862884	<0.1	1.1	2.6	1.2	<20	20	0.2	2.5	<0.1	12.8	180	41.8	2.77	5	<0.01	0.09	6	0.85	393	2.6	0.028	53.9	0.027
A0862885	<0.1	1.12	1.1	1.6	<20	18	0.1	2.04	<0.1	11.5	120	21.5	2.41	5	<0.01	0.13	4	0.86	300	0.7	0.024	31.7	0.022
A0862886	<0.1	0.99	1.8	1.1	<20	12	0.1	0.83	<0.1	8.1	227	19.4	2.11	4	<0.01	0.07	5	0.76	191	1.2	0.034	50.8	0.015
A0862887	<0.1	0.94	2.3	1.3	<20	15	0.2	0.65	0.1	7.4	131	14.7	2.02	4	<0.01	0.05	7	0.84	177	0.7	0.025	55	0.031
A0862887 Re	<0.1	0.94	2.5	1.5	<20	15	0.2	0.65	0.1	7.4	129	14.3	2	4	<0.01	0.05	7	0.83	176	0.7	0.025	53.5	0.031
A0862888	<0.1	1.11	2.2	2	<20	26	0.4	2.15	<0.1	12	160	17.5	2.53	6	<0.01	0.12	3	0.95	285	0.8	0.038	58.2	0.062

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0862889	<0.1	1.57	2.6	3	<20	38	0.2	3.18	<0.1	18.5	106	20.6	3.12	6	<0.01	0.27	3	1.32	414	1	0.031	52.3	0.111
A0862890	<0.1	1.65	3.9	3	<20	42	0.3	1.42	<0.1	19.4	116	20.1	3.44	7	<0.01	0.28	3	1.4	303	1.2	0.031	53	0.09
A0862891	0.2	1.31	5.1	2.8	<20	16	0.3	1	0.1	10.3	148	22.7	2.86	6	<0.01	0.1	5	1.1	235	1.6	0.065	58.8	0.082
A0862892	<0.1	1.18	0.8	0.9	<20	24	0.2	0.67	<0.1	9.5	163	26	2.42	5	<0.01	0.14	6	0.88	165	1.4	0.059	45.1	0.023
A0862893	0.1	2.28	1.1	4.2	<20	29	0.5	0.82	<0.1	31.6	93	60.9	5.33	10	<0.01	0.21	3	2.06	268	2.4	0.055	84.3	0.115
A0862894	<0.1	1.91	1.6	0.8	<20	38	0.1	1.34	<0.1	13.7	111	25.3	3.57	8	<0.01	0.23	4	1.57	315	1.8	0.056	50.2	0.111
A0862895	<0.1	1.52	0.8	1	<20	15	<0.1	0.86	<0.1	8.7	133	41	3.12	8	<0.01	0.11	4	1.24	234	1.6	0.068	72.4	0.124
A0862896	<0.1	1.54	1.3	1.6	<20	27	0.1	0.65	<0.1	11.6	101	61.2	3.35	9	<0.01	0.19	3	1.32	226	2.2	0.038	85.1	0.056
A0862897	0.1	1.57	1.9	2	<20	47	0.1	0.81	<0.1	12.8	115	68	3.37	8	<0.01	0.26	2	1.31	251	1.9	0.035	69	0.059
A0862898	<0.1	1.71	1.5	1	<20	40	<0.1	1.19	<0.1	13.7	90	40.6	3.35	8	<0.01	0.29	3	1.47	286	1.9	0.039	45.7	0.101
A0862899	<0.1	1.95	1.3	1.4	<20	40	<0.1	1.65	<0.1	14	76	44.3	3.58	9	<0.01	0.21	5	1.76	431	1.8	0.047	42.5	0.12
A0862900	<0.1	2.5	0.8	0.6	<20	10	<0.1	2.17	<0.1	16.8	55	22.7	4.43	11	<0.01	0.07	6	2.29	615	1.3	0.043	26.1	0.158
STD DS11	1.8	1.1	44.4	73	<20	404	10	1.02	2.1	13.6	58	143.1	3.07	5	0.27	0.39	17	0.81	996	14.7	0.069	82.5	0.066
STD OREAS262	0.5	1.2	35.8	57.9	<20	240	0.9	2.89	0.6	27	42	112.1	3.31	4	0.16	0.29	15	1.17	529	0.7	0.067	67.1	0.036
STD OREAS262	0.5	1.23	35.3	58.4	<20	236	0.9	2.87	0.6	26.8	42	112	3.33	4	0.16	0.3	14	1.17	529	0.6	0.067	64.5	0.039
STD DS11	1.5	1.05	41.8	60.4	<20	380	10.3	0.99	2.1	13	55	139.6	2.97	4	0.23	0.37	15	0.8	971	12.7	0.065	74	0.065
STD OREAS262	0.4	1.14	35.8	51.5	<20	239	0.9	2.82	0.6	26.3	40	112.2	3.26	3	0.16	0.29	15	1.16	515	0.6	0.067	62.9	0.037
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:______________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862821	1.9	0.22	<0.1	5.5	<0.5	86	<0.2	0.7	0.016	<0.1	0.1	81	<0.1	79
A0862822	3.2	0.34	0.1	5.6	0.5	112	<0.2	0.3	0.024	<0.1	<0.1	54	<0.1	89
A0862823	6.5	0.88	0.1	5.1	0.6	161	0.5	0.3	0.004	<0.1	<0.1	29	0.2	60
A0862824	1.5	0.52	<0.1	5.5	<0.5	116	<0.2	0.5	0.009	<0.1	<0.1	57	<0.1	67
A0862825	0.8	0.44	<0.1	13.5	<0.5	39	<0.2	0.3	0.013	<0.1	<0.1	152	<0.1	60
A0862826	1.6	0.63	0.1	9.2	<0.5	37	<0.2	0.5	0.048	0.1	<0.1	88	<0.1	54
A0862827	1.6	0.78	0.2	8	0.6	76	<0.2	0.3	0.066	0.2	<0.1	81	0.1	50
A0862828	1.2	0.66	<0.1	10.2	0.6	60	<0.2	0.3	0.036	<0.1	<0.1	118	<0.1	55
A0862829	1.2	0.33	<0.1	9	<0.5	48	<0.2	0.5	0.035	<0.1	<0.1	108	<0.1	56
A0862830	1.1	0.31	<0.1	9.2	<0.5	49	<0.2	0.5	0.037	<0.1	<0.1	109	<0.1	55
A0862831	1.1	0.34	<0.1	10.2	<0.5	47	<0.2	0.3	0.039	<0.1	<0.1	139	<0.1	65
A0862832	1.2	0.34	<0.1	7.5	<0.5	32	<0.2	0.8	0.034	<0.1	0.2	91	<0.1	55
A0862833	1.3	0.27	<0.1	8.1	<0.5	35	<0.2	0.8	0.026	<0.1	0.1	95	<0.1	59
A0862834	1.2	0.49	<0.1	7.7	0.7	39	<0.2	0.5	0.058	<0.1	<0.1	112	<0.1	57
A0862835	1	0.31	<0.1	8.3	0.7	66	<0.2	0.5	0.056	<0.1	<0.1	111	<0.1	53
A0862836	1	0.34	<0.1	10.8	0.7	41	<0.2	0.4	0.11	<0.1	<0.1	122	<0.1	56
A0862837	1.1	0.22	<0.1	12.9	0.6	32	<0.2	0.2	0.13	<0.1	<0.1	148	<0.1	60
A0862838	2.1	0.59	<0.1	14	0.9	25	<0.2	0.2	0.219	0.1	<0.1	195	<0.1	88
A0862839	2.4	0.45	<0.1	18.3	0.7	25	<0.2	0.2	0.193	0.1	<0.1	246	<0.1	101
A0862840	3.6	0.63	<0.1	11.1	1.5	20	<0.2	0.5	0.128	<0.1	0.1	126	<0.1	68
A0862841	2.9	0.67	<0.1	7.6	1.5	20	<0.2	0.8	0.067	<0.1	0.2	84	<0.1	66
A0862842	3.1	0.69	<0.1	9.4	1.6	30	<0.2	0.4	0.108	<0.1	<0.1	108	<0.1	81
A0862843	3.3	0.65	<0.1	12.6	1.5	24	<0.2	0.5	0.172	<0.1	<0.1	155	<0.1	59
A0862844	1.9	0.35	<0.1	7.7	0.6	29	<0.2	1	0.137	<0.1	0.2	104	<0.1	60
A0862845	2.6	0.51	<0.1	10.4	0.6	29	<0.2	0.4	0.1	<0.1	<0.1	116	<0.1	67
A0862846	3.2	0.43	<0.1	8.5	<0.5	27	<0.2	0.5	0.067	<0.1	0.1	98	<0.1	157
A0862847	2.5	0.52	<0.1	10.7	0.6	33	<0.2	0.5	0.061	<0.1	<0.1	118	<0.1	190
A0862848	4	0.16	<0.1	14.3	0.5	27	<0.2	0.6	0.089	<0.1	0.1	142	<0.1	133
A0862849	3.4	0.16	<0.1	13.7	0.5	23	<0.2	0.5	0.073	<0.1	<0.1	139	<0.1	131
A0862850	2.1	0.2	<0.1	18.7	0.6	40	<0.2	0.3	0.185	<0.1	<0.1	206	<0.1	155
A0862851	1.3	0.41	<0.1	16.6	1.2	16	<0.2	0.3	0.189	0.1	<0.1	208	<0.1	104
A0862851 Re	1.4	0.42	<0.1	16.9	1.2	16	<0.2	0.3	0.189	0.1	<0.1	211	<0.1	106
A0862852	1.1	0.14	<0.1	16.5	0.6	24	<0.2	0.3	0.18	<0.1	<0.1	200	<0.1	132
A0862853	1.5	0.19	<0.1	9.6	0.5	28	<0.2	0.4	0.158	<0.1	<0.1	127	<0.1	104
A0862854	1.6	0.31	<0.1	10.1	0.6	24	<0.2	0.3	0.176	<0.1	<0.1	146	0.1	100

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862855	2.6	0.32	<0.1	12.3	0.6	26	<0.2	0.3	0.188	<0.1	<0.1	166	0.1	168
A0862856	2.1	0.28	0.1	16.3	0.5	28	<0.2	0.3	0.228	<0.1	<0.1	218	0.1	196
A0862857	2.8	0.34	0.1	11.3	0.5	24	<0.2	0.2	0.226	<0.1	<0.1	172	0.2	123
A0862858	2	0.97	0.1	10.9	0.9	28	<0.2	0.3	0.215	<0.1	<0.1	172	0.1	184
A0862859	1.4	0.36	<0.1	10.9	<0.5	20	<0.2	0.1	0.248	<0.1	<0.1	178	<0.1	176
A0862860	2.5	0.92	<0.1	27.8	<0.5	113	0.2	0.2	0.065	0.1	0.2	340	0.1	93
A0862861	1.1	0.68	<0.1	27.1	<0.5	54	<0.2	0.3	0.073	<0.1	<0.1	478	<0.1	62
A0862862	2.3	3.22	<0.1	27.7	1.2	125	<0.2	0.2	0.041	<0.1	<0.1	377	<0.1	68
A0862863	1.4	0.32	<0.1	12.6	<0.5	108	<0.2	1	0.032	<0.1	0.2	67	<0.1	49
A0862864	3.8	0.92	<0.1	14.7	<0.5	144	<0.2	0.5	0.019	<0.1	0.3	127	<0.1	65
A0862865	1.9	0.67	<0.1	20.3	<0.5	89	<0.2	0.4	0.048	<0.1	0.1	179	<0.1	75
A0862866	1.1	1.66	<0.1	21.8	0.6	76	<0.2	0.6	0.032	<0.1	0.1	325	<0.1	67
A0862867	0.4	0.35	<0.1	15.5	<0.5	27	<0.2	0.4	0.117	0.1	0.2	310	<0.1	54
A0862868	1.4	4.51	<0.1	24.9	0.7	19	<0.2	0.9	0.083	<0.1	0.5	279	<0.1	43
A0862869	4	0.9	<0.1	21.5	<0.5	87	<0.2	0.2	0.014	<0.1	<0.1	183	<0.1	80
A0862870	0.4	0.22	<0.1	8.7	0.5	24	<0.2	0.3	0.148	<0.1	0.1	173	<0.1	49
A0862871	1.2	0.19	0.1	4.4	<0.5	12	<0.2	0.6	0.087	<0.1	0.4	49	0.1	13
A0862872	1.5	0.07	0.2	6	<0.5	5	<0.2	1.2	0.075	<0.1	0.4	72	<0.1	19
A0862873	1.2	0.11	0.1	6.8	1	5	<0.2	1.2	0.079	<0.1	0.6	72	0.2	18
A0862874	0.6	0.19	<0.1	8.7	1.4	4	<0.2	1	0.105	<0.1	0.7	111	<0.1	21
A0862875	0.6	0.38	<0.1	7.2	3.1	7	<0.2	0.7	0.097	<0.1	0.3	79	0.1	18
A0862876	5	0.4	0.1	9	1.5	13	<0.2	1.3	0.113	<0.1	0.5	80	<0.1	35
A0862877	2.4	0.4	0.2	6.3	1.2	5	<0.2	1.3	0.064	<0.1	0.7	76	<0.1	30
A0862878	6.2	0.3	0.7	7.1	1.2	6	<0.2	1.4	0.061	<0.1	1	101	<0.1	32
A0862879	1.5	0.43	0.3	7.4	1	7	<0.2	0.8	0.062	<0.1	0.6	96	<0.1	28
A0862880	1.7	0.44	0.4	5.2	1.4	6	<0.2	1.3	0.035	<0.1	0.4	66	<0.1	21
A0862881	1.2	0.36	0.6	5.5	1.3	5	<0.2	0.8	0.035	<0.1	0.5	69	<0.1	18
A0862882	1.1	0.22	0.5	4.8	1	5	<0.2	1.2	0.022	<0.1	0.6	62	<0.1	24
A0862883	1.2	0.32	0.3	4.2	1.1	7	<0.2	0.9	0.022	<0.1	0.4	55	<0.1	18
A0862884	2.7	0.71	0.2	5	1.5	19	<0.2	0.7	0.029	<0.1	0.4	78	<0.1	18
A0862885	1.6	0.45	<0.1	5.3	0.8	18	<0.2	0.5	0.072	<0.1	0.2	71	<0.1	19
A0862886	1.4	0.22	0.2	4.1	0.5	7	<0.2	0.8	0.05	<0.1	0.3	62	<0.1	16
A0862887	1.2	0.14	0.3	4	<0.5	7	<0.2	0.8	0.028	<0.1	0.3	62	<0.1	20
A0862887 Re	1.2	0.14	0.3	4	0.5	6	<0.2	0.8	0.028	<0.1	0.3	62	<0.1	20
A0862888	1.8	0.42	<0.1	5.2	1	16	<0.2	0.9	0.102	<0.1	0.3	66	<0.1	18

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58394
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862889	1.8	0.41	0.1	5.4	0.9	24	<0.2	0.8	0.149	<0.1	0.5	87	0.1	23
A0862890	2	0.43	<0.1	5.8	1	12	<0.2	0.7	0.161	<0.1	0.3	93	0.1	25
A0862891	7.1	0.39	0.2	5.7	1.1	17	<0.2	0.9	0.062	<0.1	0.4	79	<0.1	25
A0862892	1.2	0.38	0.1	4.4	1.1	7	<0.2	1.2	0.069	<0.1	0.3	50	<0.1	20
A0862893	2.2	1.36	0.1	12.2	2.1	6	<0.2	0.5	0.218	<0.1	0.4	172	0.2	38
A0862894	1.3	0.33	<0.1	6.6	0.8	11	<0.2	0.7	0.149	<0.1	0.3	96	0.1	32
A0862895	1.5	0.44	<0.1	7.1	1.2	7	<0.2	0.7	0.16	<0.1	0.6	104	0.1	24
A0862896	1.8	0.54	<0.1	7.5	1.5	5	<0.2	0.8	0.159	<0.1	0.6	110	0.2	28
A0862897	1.5	0.6	0.1	7.4	1.5	6	<0.2	0.7	0.138	<0.1	0.4	102	0.2	24
A0862898	1.1	0.33	<0.1	7.4	0.9	8	<0.2	0.8	0.111	<0.1	0.3	92	<0.1	26
A0862899	1.2	0.31	<0.1	6.8	<0.5	12	<0.2	1	0.11	<0.1	0.3	93	<0.1	39
A0862900	1	0.12	<0.1	7.1	<0.5	18	<0.2	1.1	0.093	<0.1	0.4	109	<0.1	49
STD DS11	127.5	0.28	6	2.9	2.4	64	4.6	6.8	0.088	5.1	2.9	48	2.7	331
STD OREAS262	53.5	0.27	2.6	3	0.8	35	0.2	8.6	0.003	0.5	1.1	21	0.1	146
STD OREAS262	52.4	0.27	3	3.2	<0.5	35	0.2	8.1	0.003	0.4	1.1	21	<0.1	146
STD DS11	123.3	0.27	6.3	3	2.1	60	4.4	6.3	0.083	4.5	2.1	45	2.2	319
STD OREAS262	52.5	0.26	2.6	2.9	<0.5	33	0.2	8.2	0.003	0.4	1.1	20	0.1	145
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Handstone1
TSL Report:	S58394
Date Received:	Sep 15, 2020
Date Reported:	Sep 22, 2020
Invoice:	78583

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58394

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78583
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862821	<.03		S58394
A0862822	<.03	<.03	S58394
A0862823	.19		S58394
A0862824	<.03		S58394
A0862825	<.03		S58394
A0862826	<.03		S58394
A0862827	<.03	<.03	S58394
A0862828	<.03		S58394
A0862829	<.03		S58394
A0862830	<.03		S58394
A0862831	<.03		S58394
A0862832	<.03	<.03	S58394
A0862833	<.03		S58394
A0862834	<.03		S58394
A0862835	<.03		S58394
A0862836	<.03		S58394
A0862837	<.03		S58394
A0862838	<.03		S58394
A0862839	<.03		S58394
A0862840	<.03		S58394

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 22/20

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Mark Acres - Quality Assurance

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58394

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78583
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862841	<.03		S58394
A0862842	<.03	<.03	S58394
A0862843	<.03		S58394
A0862844	<.03		S58394
A0862845	<.03		S58394
A0862846	<.03		S58394
A0862847	<.03	<.03	S58394
A0862848	<.03		S58394
A0862849	<.03		S58394
A0862850	<.03		S58394
A0862851	<.03		S58394
A0862852	<.03	<.03	S58394
A0862853	<.03		S58394
A0862854	<.03		S58394
A0862855	<.03		S58394
A0862856	<.03		S58394
A0862857	<.03		S58394
A0862858	<.03		S58394
A0862859	<.03		S58394
A0862860	.03		S58394

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58394

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78583
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862861	<.03		S58394
A0862862	.15	.15	S58394
A0862863	<.03		S58394
A0862864	.33		S58394
A0862865	.10		S58394
A0862866	<.03		S58394
A0862867	<.03	<.03	S58394
A0862868	.05		S58394
A0862869	<.03		S58394
A0862870	<.03		S58394
A0862871	<.03		S58394
A0862872	<.03	<.03	S58394
A0862873	<.03		S58394
A0862874	<.03		S58394
A0862875	<.03		S58394
A0862876	<.03		S58394
A0862877	<.03		S58394
A0862878	<.03		S58394
A0862879	<.03		S58394
A0862880	<.03		S58394

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INVOICE TO: Hanstone - BC

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58394

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78583
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862881	<.03		S58394
A0862882	<.03	<.03	S58394
A0862883	<.03		S58394
A0862884	<.03		S58394
A0862885	<.03		S58394
A0862886	<.03		S58394
A0862887	<.03	<.03	S58394
A0862888	<.03		S58394
A0862889	<.03		S58394
A0862890	<.03		S58394
A0862891	<.03		S58394
A0862892	<.03	<.03	S58394
A0862893	<.03		S58394
A0862894	<.03		S58394
A0862895	<.03		S58394
A0862896	<.03		S58394
A0862897	<.03		S58394
A0862898	<.03		S58394
A0862899	<.03		S58394
A0862900	<.03		S58394

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58394

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78583
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.17		S58394
GS-7E	7.82		S58394
GS-7E	7.68		S58394
GS-7E	7.10		S58394

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INVOICE TO: Hanstone - BC

Sep 22/20

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2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58395
Geologist:	T. Fiolleau	Date Received:	Sep 15, 2020
Project:	Doc Project	Date Reported:	Oct 06, 2020
Purchase Order:	Hanstone1	Invoice:	78584

Sample Type:	Number	Size Fraction	Sample Preparation
Core	24	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 24 Core / 0 Pulp

Report No: S58395
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS
Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862901	0.1	1.9	1	0.6	<20	25	<0.1	1.76	<0.1	11.1	90	69.8	3.49	8	<0.01	0.11	6	1.61	436	0.6	0.069	36.3	0.105
A0862902	0.3	1.54	10.7	1.1	<20	18	0.1	0.81	0.1	9.7	112	72.6	3.19	7	<0.01	0.06	6	1.16	307	0.5	0.037	63.7	0.025
A0862903	0.1	1.09	7	1.2	<20	37	0.1	2.71	0.2	8.7	155	26.1	2.29	4	<0.01	0.11	7	0.73	507	0.6	0.037	47.4	0.029
A0862904	<0.1	1.88	0.8	2.6	<20	98	<0.1	7.45	0.2	34.7	44	19.8	2.89	7	<0.01	0.05	3	2.7	611	2.9	0.018	15.3	0.116
A0862905	0.1	0.88	8.4	55.4	<20	27	2.4	1.47	<0.1	34.8	281	71.8	5.43	4	<0.01	0.03	2	0.76	248	1.9	0.04	44.2	0.016
A0862906	0.2	2.43	0.5	3.2	<20	79	<0.1	1.44	<0.1	18	55	116.7	5.24	10	<0.01	0.19	1	2.28	546	0.7	0.035	15.9	0.051
A0862907	0.1	1.9	<0.5	3.6	<20	233	<0.1	3.54	0.2	20.1	78	41.9	4.38	5	<0.01	0.25	5	2.65	1034	1	0.053	52.1	0.103
A0862908	0.3	0.51	2.2	15.4	<20	176	<0.1	5.73	0.8	18.1	82	72.8	4.04	1	<0.01	0.32	2	2.04	1772	1	0.042	20.2	0.078
A0862909	0.4	1.45	0.8	49.7	<20	232	<0.1	3.77	0.9	24.9	104	51.9	4.45	5	<0.01	0.83	2	2.77	1827	4.3	0.052	31.1	0.099
A0862910	0.2	1.21	<0.5	3.4	<20	76	<0.1	4.6	0.5	19.2	60	72.8	4.11	3	<0.01	0.52	2	2.62	1361	0.9	0.022	24.9	0.093
A0862911	1.7	0.64	1.5	265.4	<20	117	<0.1	1.6	5.1	10.4	219	49.6	3.25	2	<0.01	0.36	2	0.67	1345	2.2	0.019	9.7	0.054
A0862912	12.2	0.04	0.7	1204.1	<20	144	<0.1	0.11	6.8	2.2	277	291.8	0.84	<1	0.01	0.03	<1	0.04	73	15.4	0.004	8.2	0.002
A0862913	0.6	0.48	<0.5	101.1	<20	726	0.1	6.76	7	8.4	105	94.6	1.74	1	<0.01	0.19	3	0.64	683	5.2	0.041	24.8	0.047
A0862914	0.1	1.38	<0.5	34.6	<20	172	0.2	3.45	0.1	20.8	94	66.5	4.34	5	<0.01	0.11	3	1.48	578	1.9	0.034	25.1	0.072
A0862915	<0.1	1.75	<0.5	1.7	<20	41	<0.1	2	0.2	15.4	100	52	4.25	6	<0.01	0.12	4	1.56	552	2.8	0.055	18	0.058
A0862916	0.2	1.04	4.1	5.4	<20	53	<0.1	4.42	0.1	14.9	115	81.2	4.18	3	<0.01	0.17	1	1.34	995	6	0.033	18.8	0.041
A0862933	0.2	1.76	0.8	1.9	<20	43	<0.1	1.77	0.1	11.2	169	32.9	3.44	6	<0.01	0.13	7	1.25	531	0.6	0.034	50	0.043
A0862934	<0.1	1.91	0.9	2.3	<20	120	<0.1	5.05	0.1	16.1	27	85.9	4.24	7	<0.01	0.28	2	1.66	1242	0.5	0.04	7.5	0.169
A0862935	0.1	2.43	0.5	1.8	<20	109	<0.1	4.32	0.1	18	47	87.9	3.69	8	<0.01	0.14	4	2.68	1038	1.9	0.048	29.2	0.131
A0862936	<0.1	2.67	0.7	1.6	<20	41	<0.1	3.77	0.1	24.4	109	58	4.08	9	<0.01	0.04	4	3.4	719	2.9	0.043	63.8	0.076
A0862937	<0.1	3.08	<0.5	<0.5	<20	94	<0.1	4.51	<0.1	13.4	125	8.2	4.47	11	<0.01	0.42	3	3.21	691	0.3	0.055	52.8	0.162
A0862938	<0.1	2.48	<0.5	<0.5	<20	51	<0.1	2.56	<0.1	11.5	91	1.2	3.53	8	<0.01	0.17	3	2.7	524	3.6	0.076	46.5	0.162
A0862939	<0.1	2.04	0.8	0.6	<20	57	<0.1	2.88	<0.1	17.1	51	20.9	3.62	8	<0.01	0.15	4	2.06	814	0.7	0.095	17.9	0.127
A0862939 Re	<0.1	2	0.7	0.8	<20	54	<0.1	2.86	<0.1	16.5	50	20.4	3.55	8	<0.01	0.15	4	2.02	803	0.7	0.092	17.4	0.123
A0862953	<0.1	1.04	0.6	12.3	<20	109	<0.1	1.93	<0.1	18.6	29	160.7	5.76	6	<0.01	0.09	2	1	310	0.7	0.069	4.2	0.1
STD DS11	1.5	1.05	41.8	60.4	<20	380	10.3	0.99	2.1	13	55	139.6	2.97	4	0.23	0.37	15	0.8	971	12.7	0.065	74	0.065
STD OREAS262	0.4	1.14	35.8	51.5	<20	239	0.9	2.82	0.6	26.3	40	112.2	3.26	3	0.16	0.29	15	1.16	515	0.6	0.067	62.9	0.037
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 24 Core / 0 Pulp

Report No: S58395
Date: October 6, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862901	1.3	0.13	<0.1	6.4	<0.5	17	<0.2	0.9	0.105	<0.1	0.3	82	<0.1	31
A0862902	23.7	0.26	0.1	3.9	1	9	<0.2	1.1	0.008	<0.1	0.3	59	<0.1	35
A0862903	8.3	0.18	0.1	2.9	0.8	25	<0.2	0.6	0.009	<0.1	0.2	46	<0.1	23
A0862904	3.7	1.15	<0.1	7.7	0.8	85	<0.2	0.5	0.009	<0.1	0.8	67	<0.1	21
A0862905	4	3.93	0.2	4.1	5.2	23	<0.2	0.5	0.123	<0.1	0.2	46	0.1	15
A0862906	2.4	0.54	<0.1	17.8	<0.5	24	<0.2	0.3	0.068	<0.1	<0.1	160	<0.1	41
A0862907	4	0.36	0.1	6.5	<0.5	118	<0.2	0.8	0.017	<0.1	0.2	57	<0.1	72
A0862908	8.2	1.19	0.2	5.6	0.7	162	<0.2	0.6	0.008	<0.1	0.1	21	0.4	51
A0862909	11.4	1.13	0.3	16.2	<0.5	132	0.4	0.2	0.102	0.3	2.3	85	2.5	147
A0862910	4.7	0.19	0.2	7.5	<0.5	158	<0.2	0.2	0.051	0.2	0.1	45	0.1	112
A0862911	11.1	1.97	0.2	3.2	<0.5	66	1.1	0.2	0.009	0.1	0.2	13	95.4	143
A0862912	490.8	0.5	1.8	0.3	<0.5	7	8.2	<0.1	<0.001	<0.1	<0.1	3	71.7	238
A0862913	209.5	0.43	0.4	3.7	0.9	138	0.2	0.3	0.011	<0.1	0.2	15	9.5	185
A0862914	3.3	0.55	0.1	5.3	0.6	74	<0.2	0.3	0.007	<0.1	<0.1	66	0.2	34
A0862915	2.2	0.16	0.1	8	<0.5	35	<0.2	0.4	0.007	<0.1	<0.1	87	0.1	50
A0862916	6.1	0.79	0.1	4.3	0.5	66	<0.2	0.2	0.003	<0.1	0.1	37	<0.1	39
A0862933	2.3	0.06	<0.1	5	<0.5	19	<0.2	0.6	0.022	<0.1	0.1	75	<0.1	42
A0862934	2.1	0.85	<0.1	3.4	0.6	131	<0.2	0.2	0.096	<0.1	0.2	57	0.1	41
A0862935	2.1	0.68	<0.1	5.8	0.7	99	<0.2	0.8	0.119	<0.1	0.7	62	0.2	44
A0862936	2.9	0.7	<0.1	8.2	1	74	<0.2	1.2	0.129	<0.1	1	68	0.1	35
A0862937	1.3	<0.05	<0.1	13.8	<0.5	99	<0.2	0.4	0.169	0.1	0.2	113	<0.1	35
A0862938	0.8	<0.05	<0.1	6.7	<0.5	55	<0.2	0.4	0.158	<0.1	0.2	80	<0.1	23
A0862939	1.6	0.24	<0.1	6.1	<0.5	61	<0.2	1	0.161	<0.1	0.4	86	<0.1	39
A0862939 Re	1.5	0.23	<0.1	6.1	<0.5	60	<0.2	0.9	0.153	<0.1	0.4	86	<0.1	37
A0862953	0.6	0.77	0.1	5	<0.5	24	<0.2	0.3	0.228	<0.1	0.2	275	0.2	13
STD DS11	123.3	0.27	6.3	3	2.1	60	4.4	6.3	0.083	4.5	2.1	45	2.2	319
STD OREAS262	52.5	0.26	2.6	2.9	<0.5	33	0.2	8.2	0.003	0.4	1.1	20	0.1	145
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Handstone1
TSL Report:	S58395
Date Received:	Sep 15, 2020
Date Reported:	Sep 23, 2020
Invoice:	78584

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	24	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58395

SAMPLE(S) OF

24 Core/0 Pulp

INVOICE #:78584
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862901	<.03		S58395
A0862902	<.03		S58395
A0862903	<.03		S58395
A0862904	<.03		S58395
A0862905	.05		S58395
A0862906	<.03		S58395
A0862907	<.03	<.03	S58395
A0862908	<.03		S58395
A0862909	.07		S58395
A0862910	<.03		S58395
A0862911	.27		S58395
A0862912	1.37	1.29	S58395
A0862913	.03		S58395
A0862914	.05		S58395
A0862915	<.03		S58395
A0862916	<.03		S58395
A0862933	<.03	<.03	S58395
A0862934	<.03		S58395
A0862935	<.03		S58395
A0862936	<.03		S58395

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 23/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58395

SAMPLE(S) OF

24 Core/0 Pulp

INVOICE #:78584
P.O.: Hanstone1

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862937	<.03		S58395
A0862938	<.03		S58395
A0862939	<.03		S58395
A0862953	<.03		S58395
GS-7E	7.51		S58395
GS-7E	7.27		S58395

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 23/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58435
Geologist:	T. Fiolleau	Date Received:	Sep 23, 2020
Project:	Doc Project	Date Reported:	Oct 13, 2020
Purchase Order:	Hanstone2	Invoice:	78625

Sample Type:	Number	Size Fraction	Sample Preparation
Core	75	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO862917	0.1	1.12	10.1	39.7	<20	71	0.2	3.68	0.1	14.4	110	27.9	4.56	3	0.01	0.23	1	1.08	1093	3.1	0.042	13	0.058
AO862918	0.2	1.96	8.6	94.2	<20	205	<0.1	1.82	<0.1	17.2	106	62.3	4.96	7	<0.01	0.09	2	1.73	1083	3.2	0.08	11.3	0.058
AO862919	0.1	1.62	3.3	65.1	<20	172	<0.1	2.12	0.1	12.3	69	24.5	4.11	7	<0.01	0.15	8	1.47	1027	1.4	0.115	10.1	0.136
AO862920	<0.1	2.26	3	1.6	<20	57	<0.1	2.87	<0.1	18	81	91.2	5.05	8	<0.01	0.16	6	1.44	862	1.1	0.04	14.4	0.083
AO862921	<0.1	1.45	1.6	2.8	<20	48	<0.1	2.99	<0.1	16	127	71.3	3.98	5	<0.01	0.14	4	0.84	562	0.6	0.063	20	0.058
AO862922	<0.1	1.64	2.7	4.8	<20	162	<0.1	6.95	<0.1	18	82	37	4.1	6	<0.01	0.1	5	1.76	1240	1.1	0.048	24.7	0.086
AO862923	<0.1	2.16	2.8	2.8	<20	107	<0.1	5.47	0.1	21.7	69	33.9	4.42	8	<0.01	0.15	6	2.58	1451	0.8	0.045	34.2	0.123
AO862924	0.2	2.06	4.4	5.5	<20	78	<0.1	3.96	0.1	28.1	61	72.6	5.1	6	<0.01	0.36	3	2.67	1228	1	0.036	29.3	0.125
AO862925	0.3	1.32	12.8	17.2	<20	47	0.2	4.48	0.2	23.9	64	31.5	4.25	3	0.01	0.28	2	1.28	1191	2.5	0.009	16.6	0.106
AO862926	0.3	1.12	1.4	17.3	<20	73	<0.1	3.48	0.2	16	132	153.8	3.97	3	<0.01	0.33	2	1	973	2.7	0.03	14.9	0.062
AO862927	0.4	1.08	1.6	57.1	<20	64	0.2	2.58	0.2	23.8	140	109.9	3.69	3	<0.01	0.25	1	1.13	642	0.8	0.033	17.5	0.081
AO862928	0.2	0.92	5.1	14.6	<20	354	0.1	5.87	0.4	18.9	60	34.3	3.07	2	<0.01	0.24	2	1.41	905	2.2	0.014	16.2	0.082
AO862929	<0.1	1.04	0.6	12.7	<20	45	0.2	7.06	0.5	16.5	30	11.6	2.99	3	<0.01	0.05	2	1.13	709	4	0.018	21.9	0.113
AO862930	0.4	1.29	1.2	90.1	<20	148	<0.1	16.63	2.6	14.4	52	16.9	4.28	4	<0.01	0.1	4	2.33	1992	9.8	0.006	19.4	0.062
AO862931	<0.1	2.48	1.9	13.1	<20	98	<0.1	5.95	0.5	16.7	142	22.7	4.3	8	<0.01	0.21	6	2.64	665	2.1	0.032	35.1	0.167
AO862932	<0.1	2.2	1	22.8	<20	83	<0.1	5.44	0.2	15.5	85	24.2	3.47	8	<0.01	0.16	6	2.37	768	1.7	0.05	24.8	0.174
AO862940	<0.1	1.3	0.7	2.8	<20	61	<0.1	9.03	0.2	15.4	77	26.1	3.41	5	<0.01	0.35	5	1.74	829	0.8	0.072	18	0.109
AO862940 Re	<0.1	1.4	1	4.1	<20	66	<0.1	9.13	0.2	14.9	76	26.2	3.41	5	<0.01	0.35	5	1.74	834	1	0.071	17.9	0.114
AO862941	<0.1	1.65	2	0.7	<20	32	<0.1	2.14	<0.1	13.2	100	39.8	3.85	8	<0.01	0.17	6	1.81	382	1	0.149	27.5	0.193
AO862942	<0.1	2.67	2.3	1.9	<20	55	<0.1	3.24	<0.1	19.8	111	50	6.24	11	<0.01	0.15	8	2.88	423	0.9	0.068	42.5	0.221
AO862943	<0.1	1.48	<0.5	<0.5	<20	149	<0.1	3.67	<0.1	8.7	97	28.2	2.75	7	<0.01	0.13	11	2.21	348	0.4	0.09	29.2	0.174
AO862944	0.2	2.73	0.8	6.2	<20	292	0.1	7.23	0.8	15	62	21.8	8.89	8	<0.01	0.34	2	5.71	750	0.2	0.011	32.8	0.083
AO862945	0.3	1.57	<0.5	6.3	<20	208	0.1	4.93	0.2	20.1	190	43.8	5.74	6	<0.01	0.22	4	2.77	661	1.1	0.043	73.7	0.051
AO862946	0.2	2.9	0.6	3	<20	128	0.1	5.31	0.1	20.4	282	50.3	6.91	10	<0.01	0.16	7	4.4	880	1.3	0.033	131.6	0.099
AO862947	3.7	1.04	1.5	7.1	<20	58	1.4	7.08	3.5	21.1	121	137.6	5.49	4	0.01	0.05	13	1.26	1168	0.7	0.037	59.5	0.162
AO862948	0.4	0.88	2.5	3.5	<20	46	0.4	9.35	0.7	8.3	53	23.1	2.48	2	<0.01	0.1	5	1.22	798	0.6	0.018	16.7	0.094
AO862949	<0.1	1.29	1.3	<0.5	<20	93	<0.1	5.64	0.1	16.4	44	22	2.62	5	<0.01	0.09	6	2.12	525	0.9	0.034	30.2	0.106
AO862950	<0.1	0.81	1.2	<0.5	<20	13	<0.1	3.99	0.1	4.7	48	5.7	1.19	4	<0.01	0.05	11	0.9	329	0.8	0.055	11	0.153
AO867501	<0.1	1.14	1.8	<0.5	<20	56	<0.1	4.25	0.1	8.4	63	12.1	3.33	5	<0.01	0.04	13	1.11	546	0.6	0.051	17.5	0.14
AO867502	<0.1	1.03	1.6	0.8	<20	112	<0.1	3.7	<0.1	5.6	112	6.1	1.42	4	<0.01	0.05	15	0.97	309	0.7	0.108	12.2	0.151
AO867503	<0.1	1.13	0.8	1.7	<20	50	<0.1	1.98	<0.1	9.2	86	12.9	1.6	5	<0.01	0.05	12	1.15	208	0.5	0.091	12.4	0.148
AO867504	0.4	1.44	8.1	<0.5	<20	105	<0.1	3.85	<0.1	8.9	50	17.8	1.78	5	<0.01	0.05	9	1.84	347	1.9	0.054	12.3	0.109
AO867505	0.1	1.57	0.9	2.5	<20	325	<0.1	5.73	0.3	10.8	94	21.5	4.25	4	<0.01	0.11	5	3.71	928	0.7	0.05	45.1	0.038
AO867506	0.2	1.61	1.8	1.2	<20	51	<0.1	3.77	<0.1	14.9	45	23.1	2.72	5	0.01	0.08	5	2.94	369	2.7	0.065	16.1	0.126
AO867507	0.1	1.14	1	2.2	<20	21	<0.1	4.74	<0.1	23.9	23	48.8	2.42	4	0.01	0.08	3	2.68	340	1.2	0.028	19.5	0.07

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867508	0.1	1.24	0.5	1.6	<20	31	<0.1	3.47	<0.1	18.7	39	37	2.55	4	<0.01	0.08	4	1.95	302	0.4	0.045	14.4	0.082
AO867514	0.3	2	0.8	3.2	<20	30	<0.1	1.5	<0.1	20.9	120	200.3	4.65	7	<0.01	0.1	2	1.6	699	0.9	0.094	13	0.057
AO867515	0.3	1.78	0.9	4.4	<20	93	<0.1	2.14	0.6	21.5	54	102.4	5.88	6	<0.01	0.17	3	1.73	1330	2.8	0.043	13.3	0.067
AO867516	0.3	2.19	0.7	2.2	<20	79	<0.1	2.62	0.3	22	67	136.7	5.67	7	<0.01	0.37	5	1.87	1083	2.3	0.048	15.6	0.111
AO867517	2.1	2.1	<0.5	412.1	<20	145	<0.1	2.05	0.3	20	94	582.9	5.36	8	<0.01	0.14	3	1.91	1572	1	0.065	17.7	0.049
AO867518	2.5	1.6	0.9	182.3	<20	135	<0.1	2.46	0.9	21	121	394.6	5.63	5	0.01	0.63	2	1.36	1737	3.3	0.039	13.4	0.058
AO867519	0.2	1.96	0.5	20.2	<20	62	<0.1	1.8	0.2	16.8	66	96.7	5.46	9	<0.01	0.13	5	1.35	930	1.2	0.07	9.2	0.071
AO867520	0.1	1.7	<0.5	4	<20	77	<0.1	1.54	<0.1	12.9	108	42.4	4.5	7	<0.01	0.19	6	1.15	786	1.1	0.093	9.6	0.051
AO867521	0.1	1.98	<0.5	5.4	<20	141	<0.1	1.84	<0.1	10	91	113.9	4.87	8	<0.01	0.41	7	1.39	803	0.7	0.063	10.2	0.077
AO867522	1	1.38	1.1	181.9	<20	286	<0.1	2.56	0.2	16.3	57	43.9	4.84	5	0.01	0.34	2	1.17	1252	1.9	0.043	9.6	0.06
AO867523	0.2	1.83	<0.5	<0.5	<20	47	<0.1	1.4	<0.1	18.6	44	71.1	5.59	8	<0.01	0.11	4	1.73	1078	0.6	0.061	11.2	0.074
AO867524	<0.1	0.38	<0.5	<0.5	<20	28	<0.1	0.32	<0.1	2.8	191	28.5	1.03	2	<0.01	0.03	4	0.24	197	0.8	0.15	4.8	0.025
AO867525	0.2	1.87	<0.5	4	<20	63	<0.1	1.68	0.3	18.3	52	95.3	5.37	7	<0.01	0.16	3	1.85	1031	0.6	0.061	14.9	0.053
AO867526	<0.1	2.61	<0.5	1.8	<20	92	<0.1	4.76	<0.1	18.5	47	45.5	5.34	10	<0.01	0.3	4	2.15	1487	0.4	0.078	9.4	0.109
AO867527	<0.1	0.91	0.5	2.8	<20	71	<0.1	2.42	0.1	6.9	178	23.7	2.16	4	0.01	0.14	3	0.6	732	0.4	0.127	6.5	0.035
AO867528	<0.1	3.43	<0.5	1.7	<20	49	<0.1	5.15	0.1	18.5	46	20.4	5.96	11	<0.01	0.24	3	3.15	1682	0.4	0.047	10.8	0.07
AO867529	0.2	1.93	<0.5	4	<20	69	<0.1	1.82	<0.1	18.1	80	96.4	6.16	9	<0.01	0.2	6	1.51	936	0.7	0.112	12.6	0.073
AO867530	0.3	2.37	0.6	15.5	<20	78	0.3	4.6	<0.1	29.6	70	77.5	6.28	9	<0.01	0.24	3	2.06	1549	1.6	0.068	11.8	0.077
AO867531	1.1	2.2	<0.5	4.5	<20	74	<0.1	2.36	<0.1	21	76	118.5	6.28	9	<0.01	0.23	4	1.83	1097	1.6	0.081	12.6	0.096
AO867531 Re	0.7	2.18	0.7	4	<20	76	<0.1	2.29	<0.1	20.5	75	117.6	6.18	9	<0.01	0.23	4	1.82	1092	1.4	0.079	12.8	0.092
AO867532	0.6	2.27	<0.5	4.2	<20	76	<0.1	2.57	0.1	20.3	71	81.7	6.09	9	<0.01	0.21	4	1.87	1073	3.4	0.074	12	0.089
AO867533	0.6	1.89	1	64.7	<20	107	0.3	4.17	0.3	28.4	104	252.3	10.76	8	<0.01	0.36	5	1.82	895	6.3	0.061	32.2	0.091
AO867534	0.8	2.32	2.5	110.5	<20	69	0.2	7.05	0.5	31.3	76	461.6	10.1	9	0.01	0.2	13	2.49	759	3.7	0.044	58.2	0.144
AO867535	0.4	2.93	1.3	17.8	<20	23	0.1	7.77	0.3	25.9	50	265.9	10.2	11	<0.01	0.09	16	3.01	906	3.7	0.02	52.1	0.073
AO867536	0.2	2.19	0.9	1.1	<20	94	<0.1	6.18	0.3	15.5	58	106.4	4.89	8	<0.01	0.26	13	2.78	698	3.9	0.06	37.8	0.144
AO867537	<0.1	1.52	<0.5	2.4	<20	151	<0.1	5.13	0.2	12.1	82	6.9	2.33	5	<0.01	0.21	4	2.43	614	5	0.086	58.9	0.053
AO867538	<0.1	2.28	0.6	1.6	<20	84	<0.1	5.03	0.1	15.6	144	2.3	2.79	8	<0.01	0.16	4	2.6	545	4	0.081	78.3	0.067
AO867539	<0.1	1.59	<0.5	2.3	<20	272	<0.1	4.12	0.1	12	124	4.4	2.41	6	<0.01	0.06	3	2.38	441	1.5	0.075	85.5	0.049
AO867540	<0.1	2.92	0.5	6.5	<20	145	<0.1	4.57	0.2	17.8	80	83	5.49	10	<0.01	0.16	7	4.39	545	3.9	0.059	47.6	0.082
AO867541	<0.1	0.67	<0.5	3	<20	68	0.1	15.75	0.5	11.1	26	19.5	4.9	2	<0.01	0.26	3	6.99	1810	4.3	0.004	18.9	0.042
AO867542	<0.1	1.69	<0.5	1.9	<20	137	<0.1	19.11	0.2	6.4	44	23.2	3.64	5	<0.01	0.31	5	3.48	1200	23.1	0.017	19.9	0.069
AO867543	<0.1	3.34	0.6	2.6	<20	186	<0.1	6.02	0.1	19.6	113	21.6	4.41	11	<0.01	0.61	5	4.62	544	1.6	0.041	56.1	0.074
AO867544	<0.1	3.44	0.7	4.3	<20	119	<0.1	5.39	<0.1	17	121	23.5	4.45	11	<0.01	0.71	6	4.72	501	1.4	0.038	44.1	0.061
AO867545	<0.1	3	<0.5	3.4	<20	89	<0.1	5.89	<0.1	14.8	97	10.6	3.05	9	<0.01	0.61	4	4.2	466	6	0.039	50.6	0.066
AO867546	<0.1	2.62	1.1	2.9	<20	66	<0.1	6.24	<0.1	19.6	127	11.6	2.96	9	<0.01	0.56	4	3.91	440	4.8	0.046	53.7	0.053

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
AO867547	<0.1	3.73	<0.5	4.3	<20	192	<0.1	6.95	<0.1	10.4	70	24.2	4.33	14	<0.01	1.52	7	5.69	586	5.3	0.019	41.2	0.044
AO867548	<0.1	2.25	<0.5	1.8	<20	101	<0.1	4.57	<0.1	7.6	86	9.3	2.55	9	<0.01	0.83	5	3.39	344	5.7	0.044	31.2	0.038
AO867549	0.4	1.7	1.5	82.3	<20	201	<0.1	2.74	0.2	16.9	55	70.7	4.96	6	<0.01	0.41	2	1.97	1520	5.3	0.047	10.4	0.079
AO867550	1.3	0.96	1.9	232	<20	178	<0.1	1.87	0.4	17.1	153	49.3	4.64	4	<0.01	0.66	6	1.73	2088	18.7	0.093	10.2	0.061
AO867551	0.4	1.18	1.5	19.3	<20	106	<0.1	2.77	0.3	18.4	31	81.4	4.98	4	<0.01	0.4	1	1.92	1310	0.8	0.046	7.2	0.079
AO867552	1.9	1.36	2.9	179.1	<20	95	<0.1	3.27	0.9	15	320	325.7	3.59	4	<0.01	0.33	1	0.67	1884	1.7	0.017	11.8	0.039
AO867553	0.3	3.3	<0.5	1.7	<20	147	<0.1	1.7	0.4	22.5	41	159.8	6.62	12	<0.01	0.22	4	2.66	1936	0.9	0.045	8.8	0.078
STD DS11	1.8	1.11	43.5	69.9	<20	401	9.7	1.05	2	13.9	60	146.5	3.06	5	0.24	0.39	17	0.84	1047	13.3	0.07	80.9	0.07
STD OREAS262	0.5	1.23	36.4	66.5	<20	233	0.9	3.06	0.7	28.2	42	113.6	3.28	4	0.15	0.31	16	1.2	552	0.7	0.068	62.9	0.039
STD OREAS262	0.5	1.38	37.5	67.1	<20	266	0.9	3.09	0.8	28.1	43	116.2	3.53	4	0.17	0.33	18	1.27	572	0.7	0.077	63.8	0.042
STD DS11	1.7	1.17	41.3	53.8	<20	420	11.6	1.07	2.4	14.5	60	147.5	3.18	5	0.24	0.4	19	0.86	1027	14.1	0.076	80.7	0.069
STD OREAS262	0.5	1.33	37.7	75.8	<20	262	1	3	0.7	28.2	44	116.7	3.43	4	0.17	0.33	17	1.24	564	0.6	0.073	66.8	0.041
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:______________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AO862917	4.8	1.67	0.3	4.8	<0.5	48	<0.2	1	0.002	<0.1	0.1	30	0.2	46
AO862918	4	0.76	0.2	12.1	<0.5	43	0.2	0.6	0.009	<0.1	0.1	107	0.1	77
AO862919	1.8	0.42	0.2	6.3	<0.5	50	<0.2	1.8	0.035	<0.1	0.4	64	0.1	70
AO862920	1.6	0.17	0.2	7.4	<0.5	68	<0.2	0.7	0.033	<0.1	0.1	91	<0.1	78
AO862921	2.1	0.21	0.2	6	<0.5	66	<0.2	0.5	0.034	<0.1	0.1	82	<0.1	53
AO862922	4.3	0.39	0.2	8.9	<0.5	163	<0.2	0.6	0.01	<0.1	0.2	82	<0.1	69
AO862923	3.2	0.21	0.1	9.3	<0.5	152	<0.2	0.7	0.009	<0.1	0.2	94	<0.1	85
AO862924	1.7	0.51	0.2	7.1	<0.5	86	<0.2	0.6	0.023	<0.1	0.1	64	<0.1	96
AO862925	6.6	0.71	0.4	3.8	0.9	72	0.2	0.5	0.008	<0.1	0.4	29	0.3	66
AO862926	2.6	0.46	0.2	4.5	<0.5	48	<0.2	0.3	0.01	<0.1	0.2	35	0.1	53
AO862927	2.1	1.16	0.2	3.9	0.7	45	0.4	0.6	0.004	<0.1	0.1	27	0.2	44
AO862928	3.8	0.86	0.1	4	<0.5	122	0.2	0.5	0.002	<0.1	0.4	18	0.3	35
AO862929	4.5	1.22	0.1	2.9	0.9	99	<0.2	1	0.002	<0.1	0.6	15	0.1	17
AO862930	14.7	0.92	0.1	4.6	<0.5	643	0.4	0.7	0.003	<0.1	0.9	17	0.4	62
AO862931	4.6	0.3	<0.1	7.6	<0.5	145	<0.2	2	0.014	<0.1	0.6	63	0.1	45
AO862932	3.2	0.56	0.1	5.7	<0.5	96	<0.2	1.5	0.012	<0.1	0.7	58	<0.1	38
AO862940	1	0.5	<0.1	2.3	<0.5	107	<0.2	3.1	0.063	<0.1	1.3	50	0.1	28
AO862940 Re	1	0.5	<0.1	2.4	<0.5	113	<0.2	3.1	0.061	<0.1	1.3	50	0.2	28
AO862941	0.5	1.08	<0.1	5.3	<0.5	24	<0.2	2.3	0.153	<0.1	0.2	74	0.2	24
AO862942	1.9	3.19	0.1	10.4	<0.5	38	0.2	2.2	0.023	<0.1	0.4	108	<0.1	36
AO862943	2.1	0.63	0.1	11.2	<0.5	59	<0.2	1.4	0.014	<0.1	0.4	59	<0.1	23
AO862944	8.4	2.05	0.2	6.4	<0.5	156	<0.2	0.9	0.036	0.1	2.7	50	0.3	94
AO862945	4	2.04	0.2	12.6	1.2	105	<0.2	0.5	0.028	<0.1	0.5	81	0.2	45
AO862946	4.7	1.53	0.1	18.8	0.9	95	<0.2	0.6	0.024	<0.1	0.6	139	<0.1	47
AO862947	535	3.72	0.4	8.1	0.9	72	<0.2	0.9	0.004	<0.1	1.6	43	<0.1	160
AO862948	47.5	0.8	0.1	4	<0.5	75	<0.2	1.6	<0.001	<0.1	0.5	17	<0.1	31
AO862949	2.9	0.49	<0.1	6.7	<0.5	51	<0.2	1.6	0.003	<0.1	0.7	37	<0.1	37
AO862950	1.7	0.11	<0.1	4.3	<0.5	24	<0.2	3	0.003	<0.1	0.4	26	0.1	18
AO867501	1.3	0.24	0.2	4.4	<0.5	27	<0.2	3.4	0.003	<0.1	0.3	32	<0.1	18
AO867502	1.2	0.17	0.2	4.7	<0.5	28	<0.2	3.1	0.004	<0.1	0.4	32	<0.1	14
AO867503	1.2	0.28	<0.1	4.6	<0.5	18	<0.2	3	0.008	<0.1	0.4	34	0.1	14
AO867504	0.9	0.25	<0.1	5.4	<0.5	47	<0.2	2.6	0.037	<0.1	0.4	47	2.1	19
AO867505	17.6	1.12	0.1	8.6	<0.5	100	<0.2	1.3	0.006	<0.1	1.8	33	<0.1	60
AO867506	0.8	0.7	0.1	5.2	<0.5	50	<0.2	1.2	0.079	<0.1	0.5	53	1.3	21
AO867507	2.3	1.64	0.1	3.3	<0.5	51	<0.2	0.8	0.109	<0.1	0.7	32	0.8	14

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

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Mark Acres - Quality Assurance

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Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867508	1.1	1.13	<0.1	4.1	0.7	44	<0.2	1.2	0.075	<0.1	0.5	44	0.8	15
AO867514	1.1	0.5	0.1	15.7	0.7	18	<0.2	0.5	0.081	<0.1	<0.1	135	<0.1	68
AO867515	9.4	0.32	0.2	6.2	0.9	63	<0.2	0.5	0.044	<0.1	0.1	98	<0.1	137
AO867516	4	0.11	0.2	10.6	<0.5	72	<0.2	0.7	0.063	0.1	0.2	87	0.4	119
AO867517	1.1	0.54	<0.1	17.2	<0.5	65	0.6	0.7	0.047	<0.1	0.2	131	<0.1	93
AO867518	260.1	2.07	0.3	9	<0.5	92	1.5	0.4	0.046	0.2	0.2	84	0.7	97
AO867519	2	0.15	0.1	12.1	<0.5	36	<0.2	1	0.044	<0.1	0.2	115	<0.1	100
AO867520	1.7	0.1	0.2	8.9	<0.5	39	<0.2	1.5	0.041	<0.1	1	74	<0.1	83
AO867521	2.1	0.07	0.2	9.6	<0.5	70	<0.2	1.3	0.047	0.1	0.4	85	0.1	104
AO867522	3.6	1.39	0.3	13	<0.5	84	0.7	0.7	0.035	0.1	0.4	79	0.2	78
AO867523	8	0.08	0.1	14.3	<0.5	38	<0.2	0.8	0.049	<0.1	0.2	146	<0.1	82
AO867524	3.9	0.32	0.1	3.2	<0.5	11	<0.2	5.3	0.003	<0.1	10.7	12	<0.1	11
AO867525	1.5	0.23	0.1	13	0.6	48	<0.2	0.9	0.06	<0.1	0.4	130	0.1	102
AO867526	1.7	0.1	0.1	15.3	<0.5	89	<0.2	1	0.081	<0.1	0.3	164	<0.1	95
AO867527	2.8	0.23	0.1	5.2	<0.5	58	<0.2	4.3	0.026	<0.1	5.9	43	<0.1	28
AO867528	1.5	0.08	<0.1	20.6	<0.5	98	<0.2	0.7	0.089	<0.1	0.3	185	<0.1	135
AO867529	1.1	0.05	0.2	14.5	<0.5	42	<0.2	0.8	0.036	<0.1	<0.1	127	<0.1	70
AO867530	5.5	1.15	0.2	16.6	<0.5	100	<0.2	0.6	0.054	<0.1	0.2	143	0.4	95
AO867531	1.6	0.12	0.2	14.7	<0.5	54	<0.2	0.7	0.048	<0.1	0.1	153	4.3	90
AO867531 Re	1.5	0.12	0.2	14.1	<0.5	53	<0.2	0.7	0.049	<0.1	0.1	151	3.8	85
AO867532	1.8	0.19	0.2	14.2	<0.5	58	<0.2	0.7	0.045	<0.1	0.2	155	2.3	89
AO867533	17.1	2.53	0.5	11.2	0.6	101	0.3	0.8	0.019	<0.1	0.8	106	0.2	80
AO867534	13.5	5.07	0.3	7	1.5	186	0.4	1.1	0.017	<0.1	1.1	61	0.2	60
AO867535	5.3	4.4	0.2	10.6	1.5	236	<0.2	1.2	0.012	<0.1	1.6	87	0.1	51
AO867536	3.1	1.52	<0.1	7.2	<0.5	191	<0.2	1	0.018	<0.1	0.6	65	0.1	32
AO867537	1.9	0.31	<0.1	9.2	<0.5	148	<0.2	1.4	0.013	<0.1	0.3	56	<0.1	20
AO867538	1.6	0.24	<0.1	14.2	<0.5	117	<0.2	1.1	0.017	<0.1	0.2	101	<0.1	24
AO867539	1.2	0.47	<0.1	13.7	0.6	102	<0.2	1.5	0.01	<0.1	0.3	91	<0.1	17
AO867540	1.7	1.89	<0.1	9.7	1.2	94	0.2	1.1	0.031	<0.1	0.4	69	<0.1	36
AO867541	2.4	1.94	0.1	2.1	1.7	237	<0.2	0.6	0.004	<0.1	2.8	15	<0.1	20
AO867542	1.9	0.83	<0.1	5.5	1.6	381	<0.2	0.6	0.095	<0.1	2.4	64	0.1	9
AO867543	1.5	1.46	0.1	9.4	0.9	158	<0.2	2.1	0.156	0.1	1	70	<0.1	21
AO867544	1.4	1.4	0.1	8.3	1	131	<0.2	2.2	0.149	0.1	1.2	66	0.2	22
AO867545	1.3	0.92	<0.1	12.6	0.7	159	<0.2	1.5	0.191	0.1	0.9	74	0.2	16
AO867546	1.6	1.25	0.1	13.2	1.3	154	<0.2	1.5	0.229	0.1	1	80	0.2	15

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 75 Core / 0 Pulp

Report No: S58435
Date: October 13, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867547	1.6	1.13	<0.1	9.5	<0.5	156	<0.2	1.3	0.201	0.3	2.4	70	0.3	28
AO867548	1	0.6	<0.1	7.6	0.5	111	<0.2	3.2	0.198	0.2	1.4	51	0.2	14
AO867549	4.5	0.81	0.2	14.3	1.5	61	0.3	1	0.082	0.3	0.1	106	0.4	68
AO867550	18.8	2.75	0.3	19	1.2	65	0.9	0.6	0.091	0.3	0.6	106	1.5	107
AO867551	3.7	0.62	0.3	10.5	<0.5	84	0.2	0.4	0.06	0.2	<0.1	94	0.4	77
AO867552	36	0.74	0.4	6.1	<0.5	20	1	0.3	0.009	0.2	0.2	47	0.5	66
AO867553	3.8	0.05	<0.1	17.8	<0.5	26	<0.2	0.5	0.058	<0.1	0.1	192	<0.1	182
STD DS11	126.8	0.28	6.5	3.2	1.8	60	4.2	7.5	0.087	4.6	2.5	48	2.5	355
STD OREAS262	56	0.27	2.9	3.4	<0.5	34	0.3	9.5	0.003	0.5	1.2	22	0.1	161
STD OREAS262	56.8	0.28	3.1	3.7	0.6	36	0.2	9.7	0.003	0.5	1.2	23	<0.1	156
STD DS11	143.2	0.29	7.3	3.2	2.6	64	4.6	8.4	0.098	5	2.5	50	2.7	353
STD OREAS262	59.2	0.28	2.9	3.4	<0.5	35	<0.2	10.5	0.003	0.6	1.2	23	0.1	154
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58435
Date Received:	Sep 23, 2020
Date Reported:	Sep 29, 2020
Invoice:	78625
Remarks:	Not received: A0867509-513. Additional: A0862940-950

Sample Type:	Number	Size Fraction	Sample Preparation
Core	75	Reject ~ 95% at -10 mesh (1.70 mm) Pulp ~ 95% at -150 mesh (106 µm)	Crush, Rolls Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58435

SAMPLE(S) OF

75 Core/0 Pulp

INVOICE #:78625
P.O.: Hanstone2

T. Fiolleau
Doc Project

Not rec'd: A0867509-513. Add'l: A0862940-950

	Au g/t	Au1 g/t	File Name
A0862917	.05		S58435
A0862918	.10		S58435
A0862919	.05		S58435
A0862920	<.03		S58435
A0862921	<.03		S58435
A0862922	<.03	<.03	S58435
A0862923	<.03		S58435
A0862924	<.03		S58435
A0862925	<.03		S58435
A0862926	<.03		S58435
A0862927	.05	.03	S58435
A0862928	<.03		S58435
A0862929	<.03		S58435
A0862930	.10		S58435
A0862931	<.03		S58435
A0862932	<.03	<.03	S58435
A0862940	<.03		S58435
A0862941	<.03		S58435
A0862942	<.03		S58435
A0862943	<.03		S58435

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58435

SAMPLE(S) OF

75 Core/0 Pulp

INVOICE #:78625
P.O.: Hanstone2

T. Fiolleau
Doc Project

Not rec'd: A0867509-513. Add'l: A0862940-950

	Au g/t	Au1 g/t	File Name
A0862944	<.03		S58435
A0862945	<.03		S58435
A0862946	<.03		S58435
A0862947	<.03		S58435
A0862948	<.03		S58435
A0862949	<.03	<.03	S58435
A0862950	<.03		S58435
A0867501	<.03		S58435
A0867502	<.03		S58435
A0867503	<.03		S58435
A0867504	<.03	<.03	S58435
A0867505	<.03		S58435
A0867506	<.03		S58435
A0867507	<.03		S58435
A0867508	<.03		S58435
A0867514	<.03	<.03	S58435
A0867515	<.03		S58435
A0867516	<.03		S58435
A0867517	.34		S58435
A0867518	.19		S58435

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58435

SAMPLE(S) OF

75 Core/0 Pulp

INVOICE #:78625
P.O.: Hanstone2

T. Fiolleau
Doc Project

Not rec'd: A0867509-513. Add'l: A0862940-950

	Au g/t	Au1 g/t	File Name
A0867519	<.03		S58435
A0867520	<.03		S58435
A0867521	<.03		S58435
A0867522	.19		S58435
A0867523	<.03		S58435
A0867524	<.03	<.03	S58435
A0867525	<.03		S58435
A0867526	<.03		S58435
A0867527	<.03		S58435
A0867528	<.03		S58435
A0867529	<.03	<.03	S58435
A0867530	<.03		S58435
A0867531	<.03		S58435
A0867532	<.03		S58435
A0867533	.05		S58435
A0867534	.17	.14	S58435
A0867535	<.03		S58435
A0867536	<.03		S58435
A0867537	<.03		S58435
A0867538	<.03		S58435

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58435

SAMPLE(S) OF

75 Core/0 Pulp

INVOICE #:78625
P.O.: Hanstone2

T. Fiolleau
Doc Project

Not rec'd: A0867509-513. Add'l: A0862940-950

	Au g/t	Au1 g/t	File Name
A0867539	<.03		S58435
A0867540	<.03		S58435
A0867541	<.03		S58435
A0867542	<.03		S58435
A0867543	<.03		S58435
A0867544	<.03	<.03	S58435
A0867545	<.03		S58435
A0867546	<.03		S58435
A0867547	<.03		S58435
A0867548	<.03		S58435
A0867549	<.03		S58435
A0867550	.31		S58435
A0867551	<.03		S58435
A0867552	.31		S58435
A0867553	<.03		S58435
GS-7E	7.78		S58435
GS-7E	6.93		S58435
GS-7E	7.75		S58435
GS-7E	7.27		S58435

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P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58436
Geologist:	T. Fiolleau	Date Received:	Sep 23, 2020
Project:	Doc Project	Date Reported:	Oct 15, 2020
Purchase Order:	Hanstone2	Invoice:	78626

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

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Company:	Hanstone Gold Corp
Geologist:	T. Fiolleau
Project:	Doc Project
Purchase Order:	Hanstone2
TSL Report:	S58436
Date Received:	Sep 23, 2020
Date Reported:	Sep 29, 2020
Invoice:	78626

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Core	80	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867554	<.03		S58436
A0867555	<.03		S58436
A0867556	<.03	<.03	S58436
A0867557	<.03		S58436
A0867558	.26		S58436
A0867559	<.03		S58436
A0867560	<.03		S58436
A0867561	.03	.03	S58436
A0867562	.36		S58436
A0867563	<.03		S58436
A0867564	<.03		S58436
A0867565	<.03		S58436
A0867566	<.03	<.03	S58436
A0867567	<.03		S58436
A0867568	<.03		S58436
A0867569	<.03		S58436
A0867570	<.03		S58436
A0867571	<.03		S58436
A0867572	.24		S58436
A0867573	<.03		S58436

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867574	.05		S58436
A0867575	.22		S58436
A0867576	.09	.10	S58436
A0867577	.10		S58436
A0867578	<.03		S58436
A0867579	<.03		S58436
A0867580	.05		S58436
A0867581	.36	.38	S58436
A0867582	.45		S58436
A0867583	1.56		S58436
A0867584	2.88		S58436
A0867585	2.23		S58436
A0867586	2.95	2.98	S58436
A0867587	54.18	52.02	S58436
A0867588	.51		S58436
A0867589	.29		S58436
A0867590	.46		S58436
A0867591	17.87	17.49	S58436
A0867592	1.46		S58436
A0867593	.21		S58436

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867594	.07		S58436
A0867595	<.03		S58436
A0867596	.03	.05	S58436
A0867597	<.03		S58436
A0867598	<.03		S58436
A0867599	.57		S58436
A0867600	<.03		S58436
A0867601	<.03	<.03	S58436
A0867602	<.03		S58436
A0867603	<.03		S58436
A0867604	<.03		S58436
A0867605	.45		S58436
A0867606	<.03	<.03	S58436
A0867607	.03		S58436
A0867608	<.03		S58436
A0867609	.09		S58436
A0867610	.69		S58436
A0867611	<.03		S58436
A0867612	<.03		S58436
A0867613	.05		S58436

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 29/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867614	.62		S58436
A0867615	.03		S58436
A0867616	<.03	<.03	S58436
A0867617	.05		S58436
A0867618	<.03		S58436
A0867619	<.03		S58436
A0867620	.39		S58436
A0867621	.05	.03	S58436
A0867622	.14		S58436
A0867623	.05		S58436
A0867624	<.03		S58436
A0867625	<.03		S58436
A0867626	<.03	<.03	S58436
A0867627	<.03		S58436
A0867628	.05		S58436
A0867629	<.03		S58436
A0867630	<.03		S58436
A0867631	.12		S58436
A0867632	.48		S58436
A0867633	<.03		S58436

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REPORT No.
S58436

SAMPLE(S) OF

80 Core/0 Pulp

INVOICE #:78626
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
GS-7E	7.72		S58436
GS-7E	7.68		S58436
GS-7E	7.03		S58436
GS-7E	7.34		S58436
GS-7E	7.10		S58436

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Sep 29/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867554	0.1	1.63	0.5	2	<20	156	<0.1	1.99	<0.1	15.3	105	58.9	4.53	8	<0.01	0.21	4	1.36	843	1.3	0.105	10	0.069
AO867555	<0.1	1.46	0.6	<0.5	<20	94	<0.1	1.52	<0.1	14.1	83	58.8	4.1	8	<0.01	0.23	3	1.26	667	0.6	0.07	10	0.048
AO867556	0.3	3.32	0.9	1.1	<20	34	<0.1	2.81	<0.1	28	115	137.8	7.09	13	<0.01	0.11	3	2.57	1163	1.4	0.052	22.7	0.096
AO867557	0.3	3.82	0.9	3	<20	50	<0.1	4.81	<0.1	31.5	91	130.6	7.68	14	<0.01	0.26	3	3	1501	0.5	0.027	25.5	0.106
AO867558	1.1	3.03	0.9	247.8	<20	118	<0.1	3.15	0.1	22.4	48	100.4	6.13	12	<0.01	0.67	3	1.99	1072	0.4	0.037	10	0.092
AO867559	0.6	2.89	0.6	9.4	<20	117	<0.1	3.49	0.2	22.9	60	241	6.01	10	<0.01	0.61	2	1.97	1151	0.7	0.051	9.8	0.096
AO867560	0.7	2.76	<0.5	21.7	<20	77	<0.1	4.26	0.1	22.6	48	237.2	6.3	11	<0.01	0.28	3	1.91	1183	0.8	0.053	6.9	0.088
AO867561	0.4	2.61	1	24.6	<20	78	<0.1	3.41	<0.1	22	42	95.4	6	11	<0.01	0.29	3	1.78	987	0.8	0.052	7.7	0.091
AO867562	1.6	3.1	1.6	354	<20	140	<0.1	3.54	0.3	23	38	91.6	6.03	12	<0.01	0.37	4	2.1	1092	0.9	0.04	9.9	0.093
AO867563	0.2	3.06	1.1	3.7	<20	121	<0.1	3.24	0.1	22.6	34	87.7	6.17	12	<0.01	0.4	3	2.12	1144	0.7	0.045	10.4	0.092
AO867564	0.2	1.28	1.2	7.6	<20	18	0.7	10.03	0.1	13.6	117	55.7	3.07	4	<0.01	0.14	8	1.14	732	1.4	0.027	30.7	0.06
AO867565	0.3	1.56	5.7	11.7	<20	141	1	6.76	0.3	23.6	79	62.2	4.2	4	<0.01	0.12	5	1.68	719	1.6	0.005	45	0.048
AO867566	0.2	1.87	3.2	2.8	<20	152	0.3	8.62	0.1	14.4	88	21.4	3.98	5	<0.01	0.15	9	1.86	1327	0.9	0.003	41.9	0.072
AO867567	0.1	0.36	4.3	4.1	<20	300	0.1	22.67	0.1	5	61	20.9	1.27	<1	<0.01	0.09	5	0.33	1031	1.4	<0.001	13.6	0.017
AO867567 Re	0.1	0.36	4.1	8.7	<20	289	0.1	22.96	0.2	4.7	59	21	1.26	1	<0.01	0.1	5	0.33	1046	1.3	<0.001	13.2	0.018
AO867568	<0.1	0.09	3.8	1.6	<20	166	<0.1	34.52	0.1	2.3	6	29.2	0.38	<1	<0.01	0.01	5	0.15	1056	0.3	<0.001	3.8	0.012
AO867569	0.7	2.44	5.4	3.2	<20	54	0.1	0.72	1.2	22.5	122	124.2	5.9	11	<0.01	0.16	5	1.69	1009	0.8	0.08	14.4	0.054
AO867570	0.3	1.75	2.7	3.4	<20	344	<0.1	0.43	0.3	15.3	85	67.9	4.22	7	<0.01	0.62	4	1.16	681	0.4	0.068	12.6	0.07
AO867571	0.7	1.96	10	6.4	<20	190	<0.1	0.46	1.3	15.6	67	73	4.7	9	<0.01	0.36	7	1.33	648	0.3	0.057	12.4	0.078
AO867572	1.6	0.94	0.8	874.3	<20	324	<0.1	0.19	0.8	8.2	247	37	2.49	3	<0.01	0.49	11	0.47	408	0.7	0.061	25.8	0.026
AO867573	0.3	1.45	1.3	10.4	<20	492	0.1	0.34	0.4	10.6	156	27.8	3.22	6	<0.01	0.71	9	0.94	430	0.3	0.05	32.6	0.064
AO867574	0.3	1.65	0.9	34.4	<20	734	0.3	0.38	0.8	12.2	167	17.1	3.4	6	<0.01	1.01	8	1.04	510	0.5	0.068	25.9	0.049
AO867575	1.1	0.91	0.8	235.7	<20	340	<0.1	0.38	0.8	8.6	211	33.7	2.75	4	<0.01	0.58	10	0.59	538	0.7	0.054	23.4	0.05
AO867576	0.4	1.26	0.7	88.3	<20	401	<0.1	0.26	0.3	8.7	220	27.5	2.89	5	<0.01	0.54	7	0.83	554	1	0.074	18.4	0.044
AO867577	0.6	1.36	1.1	95.8	<20	370	0.6	0.2	1	12.9	162	50.9	3.71	6	<0.01	0.58	7	1	541	0.7	0.056	19.4	0.045
AO867578	0.4	1.5	1.4	20	<20	353	3.1	0.6	0.6	14.8	192	45.9	3.55	6	<0.01	0.66	4	1.05	610	0.6	0.078	22.3	0.052
AO867579	0.5	1.15	1.1	19.3	<20	423	0.1	1.14	0.6	13.6	109	70.2	3.36	5	<0.01	0.39	3	1.05	903	1.2	0.042	48.2	0.045
AO867580	0.5	1.2	0.8	36.3	<20	251	0.1	2.12	0.4	14.7	131	120.6	3.56	4	<0.01	0.58	4	1.08	1383	0.9	0.044	22.2	0.05
AO867581	1.4	1.57	1.1	336.1	<20	294	0.1	1.69	0.5	18.1	194	111.7	4.03	5	<0.01	0.81	5	1.03	1205	1	0.033	22	0.078
AO867582	1.6	1.11	0.8	408.4	<20	274	<0.1	0.55	1.2	13.5	283	69.4	3.1	3	<0.01	0.56	6	0.53	835	1.1	0.036	20.6	0.057
AO867583	6.7	0.55	0.9	1775.3	<20	312	<0.1	0.41	2.9	9.7	362	83.6	2.56	2	<0.01	0.31	6	0.23	606	1.8	0.033	16.5	0.026
AO867584	11.6	0.76	0.9	2926.5	<20	61	0.1	0.24	1.6	16.6	222	78.9	4.27	2	<0.01	0.47	6	0.24	824	2.8	0.021	21.3	0.042
AO867585	13.2	0.71	1	3222.5	<20	116	0.1	0.09	1.8	22.4	123	105.4	4.79	2	<0.01	0.47	7	0.25	1251	4.7	0.007	17.3	0.044
AO867586	19	1.19	0.9	3274.4	<20	27	0.3	1.75	3.2	27	208	262.6	5.47	3	<0.01	0.87	4	0.84	1454	3.2	0.017	30.8	0.087
AO867587	>100.0	0.34	1.1	64697.4	<20	2685	0.2	0.03	0.6	2.9	218	416	3.63	1	0.11	0.24	8	0.07	130	17.9	0.006	6.2	0.017

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
AO867588	2.1	0.01	0.9	448.8	<20	357	<0.1	0.02	<0.1	1.6	537	28.9	0.74	<1	<0.01	<0.01	<1	0.01	61	3.4	0.005	11.1	0.001
AO867589	1.9	0.01	0.6	284.3	<20	430	<0.1	0.02	<0.1	1.4	225	31.4	0.46	<1	<0.01	<0.01	<1	<0.01	39	5.9	0.002	4.9	<0.001
AO867590	4	0.02	1	494.6	<20	165	<0.1	0.02	<0.1	2.2	463	134.2	1.36	<1	<0.01	<0.01	<1	<0.01	131	5.4	0.004	9.7	0.002
AO867591	76.9	0.24	1.1	18649.2	<20	14	19.9	0.04	0.4	16.5	231	920.9	7.33	<1	0.04	0.17	2	0.03	430	28	0.005	16.6	0.016
AO867592	7.1	0.85	1.5	1615.3	<20	751	0.6	0.15	1.3	18.4	146	401.3	4.25	2	<0.01	0.53	6	0.18	606	4.7	0.005	8.4	0.067
AO867593	0.9	1.18	<0.5	229.7	<20	336	0.1	4.54	1.5	16.9	89	166.5	3.1	3	<0.01	0.71	2	0.74	1966	0.9	0.029	8.6	0.074
AO867594	0.6	1.37	<0.5	73.6	<20	448	0.1	3.32	0.4	17.8	55	142.2	4.33	4	<0.01	1.05	2	1.41	1470	0.7	0.05	9.6	0.064
AO867595	0.4	2.79	<0.5	14.1	<20	67	<0.1	3.12	0.2	25.3	37	105.9	6.06	11	<0.01	0.23	2	2.22	1166	0.2	0.035	11.7	0.062
AO867596	2.9	2.54	7.1	28.9	<20	168	0.5	3.22	0.5	21.5	119	964.6	5.68	8	<0.01	0.86	5	1.48	2521	0.9	0.025	13.3	0.084
AO867597	0.2	1.47	2.5	6.2	<20	682	<0.1	0.43	<0.1	11.5	87	39.2	3.53	7	<0.01	0.74	4	1.06	540	0.5	0.052	30.7	0.076
AO867598	0.2	1.07	1.7	3.2	<20	553	<0.1	0.32	<0.1	7.9	216	37.7	2.45	5	<0.01	0.5	5	0.65	376	2.5	0.094	27.4	0.031
AO867599	4.6	1.14	1.5	653.9	<20	813	<0.1	0.5	0.6	8.8	104	107.9	2.71	5	<0.01	0.58	6	0.8	500	1.9	0.046	24.4	0.052
AO867600	0.8	1.32	1	107.1	<20	794	<0.1	0.64	0.6	8.2	178	50.3	2.78	6	<0.01	0.73	4	0.89	535	1.9	0.069	22.4	0.04
AO867601	0.2	1.05	1.3	<0.5	<20	2304	<0.1	2.88	0.1	7.3	99	26.2	1.9	4	<0.01	0.4	3	0.55	538	0.4	0.036	14.7	0.05
AO867602	0.3	1.22	0.7	5.6	<20	395	<0.1	1.86	0.1	7.5	180	22.6	2.56	5	<0.01	0.55	4	0.79	583	0.6	0.061	16.9	0.043
AO867603	0.2	1.05	0.9	6	<20	421	<0.1	0.72	0.1	8	117	17.4	2.53	5	<0.01	0.59	4	0.78	456	0.2	0.037	27.1	0.037
AO867603 Re	0.2	1.04	0.7	8.8	<20	413	<0.1	0.71	0.2	8	113	16.2	2.54	5	<0.01	0.58	4	0.78	456	0.2	0.036	28	0.038
AO867604	0.1	1.24	<0.5	4.6	<20	558	0.1	0.42	<0.1	7.5	164	13.2	2.92	7	<0.01	0.62	6	0.86	446	0.6	0.093	17.1	0.046
AO867605	1.5	0.83	0.6	422.3	<20	1428	0.1	0.59	0.1	7.3	107	29.4	2.18	4	<0.01	0.43	5	0.66	499	0.4	0.034	16.3	0.044
AO867606	0.1	1.43	0.7	6	<20	767	<0.1	0.3	0.1	8.5	163	25.1	2.85	7	<0.01	0.72	7	0.92	470	0.4	0.08	26.9	0.042
AO867607	0.2	0.87	<0.5	24.6	<20	242	<0.1	0.27	0.1	6.5	140	28.5	2.14	3	<0.01	0.23	6	0.59	435	0.3	0.035	18.6	0.023
AO867608	0.2	1.12	1.1	5.7	<20	326	<0.1	0.63	0.1	8.2	175	37.2	2.57	4	<0.01	0.33	8	0.71	519	0.5	0.069	42	0.047
AO867609	0.5	0.96	0.7	77.2	<20	242	<0.1	0.22	0.2	6.7	225	42.7	2.54	4	<0.01	0.29	8	0.54	461	0.7	0.067	28.3	0.035
AO867610	2.1	0.57	0.6	628.7	<20	425	<0.1	0.75	0.5	7	147	24.2	1.91	2	<0.01	0.34	6	0.28	646	1.4	0.035	19.1	0.037
AO867611	0.3	1.47	0.8	36.4	<20	407	<0.1	0.68	0.1	10.6	133	42.2	3.34	6	<0.01	0.58	7	1.02	677	0.4	0.04	15.2	0.108
AO867612	0.3	1.46	0.8	20.1	<20	365	<0.1	1.02	0.1	12.1	146	44.4	3.63	6	<0.01	0.5	5	1.06	890	0.6	0.068	20	0.054
AO867613	0.6	1.28	1.2	33.1	<20	295	<0.1	1.18	0.9	15.5	126	69.9	3.85	5	<0.01	0.53	4	1.06	976	0.6	0.033	67.8	0.056
AO867614	2	0.83	1	497.7	<20	79	0.1	1.83	0.8	15.8	214	38.1	4.08	3	<0.01	0.53	6	0.81	1451	5	0.071	40.6	0.049
AO867615	0.6	1.53	0.7	25.4	<20	426	<0.1	1.64	1.7	12.9	101	109.3	4.8	7	<0.01	0.88	4	1.4	1301	0.7	0.041	21.5	0.066
AO867616	0.2	1.67	0.8	9.1	<20	245	<0.1	1.78	0.4	12.8	145	37.2	3.94	6	<0.01	0.38	7	1.03	842	0.6	0.063	26.5	0.069
AO867617	0.3	1.81	1	25.8	<20	193	<0.1	2.22	<0.1	17.1	113	81.1	4.33	6	<0.01	0.38	4	1.21	962	0.5	0.035	22	0.104
AO867618	0.3	2.56	1.7	5.5	<20	297	<0.1	1.38	0.5	20.9	105	79.9	5.6	10	<0.01	0.46	8	1.5	953	1.1	0.047	25.3	0.14
AO867619	0.4	1.46	2.6	9.1	<20	339	0.2	1.35	0.5	16.5	204	73.1	3.65	5	<0.01	0.49	9	0.85	798	1.5	0.039	23.9	0.065
AO867620	1.5	1.16	1.4	373.3	<20	245	<0.1	2.78	0.8	20.1	164	64.1	4.8	4	<0.01	0.34	4	1.27	1655	8.4	0.041	20.9	0.149
AO867621	0.5	1.29	1.3	67.9	<20	201	<0.1	1.26	0.3	11.8	102	57.6	3.55	5	<0.01	0.33	4	0.96	753	1.6	0.033	19.1	0.076

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:
Mark Acres - Quality Assurance

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
AO867622	0.7	1.51	1.8	54.8	<20	353	<0.1	1.38	1.6	20.8	233	128	4.32	4	<0.01	0.56	4	0.85	927	0.7	0.037	25.9	0.051
AO867623	0.9	1.52	1.5	39	<20	259	<0.1	1.4	2.2	16.3	187	147.9	4.31	5	<0.01	0.64	6	0.92	899	0.8	0.031	19.1	0.051
AO867624	0.4	1.81	1.9	7.2	<20	400	<0.1	0.94	0.9	19	125	84	4.05	7	<0.01	0.64	4	1.16	629	0.6	0.066	26.9	0.121
AO867625	0.3	1.35	0.9	5.2	<20	233	<0.1	0.61	<0.1	9.2	94	41.5	3.18	5	<0.01	0.39	4	0.9	463	0.2	0.037	15.9	0.038
AO867626	0.3	1.28	0.8	12.4	<20	186	<0.1	1.26	0.2	11.3	179	52.4	2.84	4	<0.01	0.36	4	0.77	534	0.4	0.06	17.4	0.035
AO867627	0.4	1.84	4.8	8.5	<20	143	0.1	2.85	0.3	17	85	118	5.04	7	<0.01	0.27	3	1.32	2873	1.7	0.036	12.3	0.057
AO867627 Re	0.4	1.84	4.6	6.9	<20	150	0.1	2.86	0.2	16.7	87	115	5.13	6	<0.01	0.28	3	1.32	2858	1.5	0.037	11.8	0.055
AO867628	1.1	2.31	1	41.3	<20	114	0.6	1.47	0.2	17.4	84	124.4	4.98	9	<0.01	0.37	3	1.61	967	0.4	0.074	12.6	0.05
AO867629	0.3	2.43	0.9	2.1	<20	249	<0.1	1.53	<0.1	16.9	60	75.3	4.46	8	<0.01	0.59	2	1.41	758	0.3	0.039	11.1	0.055
AO867630	0.2	2.39	0.8	<0.5	<20	345	<0.1	0.99	0.2	19	132	77	4.87	8	<0.01	0.92	2	1.5	767	0.7	0.066	14.4	0.062
AO867631	0.6	2.75	0.9	113.9	<20	104	<0.1	6.16	0.7	39.3	42	92	6.56	10	<0.01	0.23	3	2.72	2078	0.7	0.011	28	0.156
AO867632	2.1	2.01	1.2	475.8	<20	105	<0.1	8.12	1.7	34.8	58	260.5	5.82	7	<0.01	0.38	4	2.25	3056	0.7	0.02	23.6	0.144
AO867633	0.4	2.47	0.7	14.9	<20	97	<0.1	5.52	0.6	39.3	59	51.1	7.35	7	<0.01	0.26	5	2.13	1967	0.8	0.005	28.6	0.142
STD DS11	1.7	1.17	41.3	53.8	<20	420	11.6	1.07	2.4	14.5	60	147.5	3.18	5	0.24	0.4	19	0.86	1027	14.1	0.076	80.7	0.069
STD OREAS262	0.5	1.33	37.7	75.8	<20	262	1	3	0.7	28.2	44	116.7	3.43	4	0.17	0.33	17	1.24	564	0.6	0.073	66.8	0.041
STD DS11	1.8	1.18	46.2	69	<20	467	12.2	1.08	2.6	13.3	61	153.9	3.21	5	0.26	0.41	20	0.87	1046	14.2	0.073	82.3	0.077
STD OREAS262	0.4	1.18	35.2	52	<20	263	0.9	3.06	0.5	27.4	41	115.7	3.26	4	0.17	0.29	16	1.2	549	0.7	0.067	63	0.042
STD OREAS262	0.5	1.26	38.7	58	<20	257	1.1	3.06	0.7	29.4	45	114.8	3.39	4	0.15	0.32	16	1.21	549	0.7	0.07	68.7	0.036
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:____________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867554	2.3	0.26	<0.1	16.9	<0.5	58	<0.2	1	0.092	<0.1	0.2	137	0.1	71
AO867555	2	0.23	<0.1	15.6	<0.5	31	<0.2	2	0.086	<0.1	3.5	144	<0.1	65
AO867556	4.8	0.25	0.2	24.1	<0.5	30	<0.2	0.9	0.2	<0.1	0.2	230	0.1	134
AO867557	4.8	0.08	0.1	28	<0.5	44	<0.2	0.7	0.163	<0.1	0.2	270	0.2	147
AO867558	46.8	0.08	0.1	20.4	<0.5	38	0.7	0.6	0.192	0.2	0.2	196	0.2	111
AO867559	51.4	0.13	0.2	18.3	<0.5	45	<0.2	0.5	0.243	0.1	0.1	186	0.2	108
AO867560	11.5	0.22	0.2	16.7	<0.5	60	<0.2	0.8	0.169	<0.1	0.2	185	0.1	103
AO867561	7.2	0.27	0.1	15.8	<0.5	51	<0.2	0.8	0.109	<0.1	0.1	163	0.2	102
AO867562	19.2	0.33	0.2	16.8	<0.5	56	1	0.9	0.093	<0.1	0.4	161	0.2	134
AO867563	6.8	0.17	0.2	17.9	<0.5	44	<0.2	0.6	0.188	<0.1	0.1	185	<0.1	123
AO867564	3.5	0.94	0.1	7.3	<0.5	134	<0.2	0.8	0.01	<0.1	0.3	47	<0.1	21
AO867565	3.5	1.02	0.1	7.8	1.1	106	<0.2	0.7	0.002	<0.1	0.3	35	0.1	36
AO867566	2.9	0.21	<0.1	8.4	<0.5	120	<0.2	0.7	<0.001	<0.1	0.3	51	0.1	39
AO867567	1.7	0.21	<0.1	1	2	114	<0.2	0.1	<0.001	<0.1	0.2	10	<0.1	6
AO867567 Re	1.7	0.19	<0.1	1.1	1.3	118	<0.2	0.2	0.001	<0.1	0.2	10	0.2	6
AO867568	0.7	0.08	<0.1	0.4	<0.5	106	<0.2	<0.1	<0.001	<0.1	0.1	3	<0.1	2
AO867569	68.1	0.05	0.5	23.1	<0.5	9	<0.2	0.7	0.092	<0.1	0.1	189	0.3	164
AO867570	4.9	<0.05	0.2	10.5	<0.5	9	<0.2	0.6	0.205	0.2	0.1	116	0.2	99
AO867571	18.7	<0.05	0.3	19.3	<0.5	6	<0.2	1	0.115	0.1	0.1	145	0.2	128
AO867572	12.8	<0.05	0.2	5.4	<0.5	7	0.7	1.2	0.061	0.2	0.3	48	0.7	65
AO867573	4.6	<0.05	0.2	6.8	0.5	4	<0.2	1.4	0.142	0.2	0.2	75	0.5	80
AO867574	7.9	<0.05	0.2	8	<0.5	6	0.2	1.3	0.193	0.3	0.2	79	0.9	85
AO867575	9.1	<0.05	0.2	5.7	<0.5	9	0.6	1.4	0.088	0.3	0.3	47	1.8	69
AO867576	6.3	0.08	0.1	7.2	<0.5	6	0.4	0.8	0.12	0.3	0.2	71	0.5	72
AO867577	27.4	<0.05	0.1	11.4	<0.5	6	0.5	0.7	0.131	0.4	0.2	117	0.5	150
AO867578	7.1	0.2	0.2	11.7	<0.5	11	1.5	0.6	0.159	0.4	0.2	112	0.9	100
AO867579	43.2	0.47	0.2	7.9	0.8	30	0.2	0.4	0.1	0.2	0.1	96	0.3	128
AO867580	6.4	0.41	0.2	6.5	0.8	62	<0.2	0.7	0.071	0.3	0.1	64	1	78
AO867581	9.2	0.63	0.2	8.8	0.9	52	0.8	0.6	0.1	0.3	0.1	78	1.6	85
AO867582	7.9	0.65	0.2	4.8	<0.5	25	1	0.9	0.047	0.2	0.1	35	0.9	75
AO867583	21.2	1.01	0.4	2.9	<0.5	32	4.6	0.7	0.006	0.1	0.1	13	0.9	83
AO867584	36.6	2.65	0.6	5.8	<0.5	20	7.8	0.4	0.008	0.2	0.3	25	3.1	77
AO867585	59.8	1.32	0.6	5.6	0.7	17	8.4	0.5	0.007	0.2	0.5	26	2	125
AO867586	266.4	4.05	0.9	8.9	0.7	88	9.4	0.3	0.038	0.4	0.3	51	5.1	106
AO867587	1883.7	0.12	0.7	1.6	0.9	35	128.7	0.3	0.006	<0.1	0.5	15	7.3	82

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867588	62.1	<0.05	0.2	0.1	<0.5	6	1.2	0.2	<0.001	<0.1	<0.1	2	0.6	5
AO867589	82.5	<0.05	<0.1	0.1	<0.5	6	1.1	<0.1	<0.001	<0.1	<0.1	1	0.9	5
AO867590	334	<0.05	0.2	0.1	<0.5	3	1.6	<0.1	<0.001	<0.1	0.1	1	2.3	13
AO867591	641.4	4.1	0.5	1.6	2.3	21	51	0.3	0.004	<0.1	0.3	14	10.4	43
AO867592	137.5	0.31	0.7	5.5	<0.5	23	4.3	0.4	0.01	0.2	0.5	37	2.9	78
AO867593	13	0.93	0.5	7.8	<0.5	80	0.9	0.3	0.028	0.3	0.3	41	6	77
AO867594	8.6	0.25	0.4	12	<0.5	81	0.2	0.4	0.126	0.5	0.2	79	1.4	93
AO867595	4.1	<0.05	0.1	14.4	<0.5	72	<0.2	0.3	0.062	<0.1	<0.1	183	0.2	117
AO867596	7.5	<0.05	0.7	18.8	<0.5	20	<0.2	0.6	0.117	0.3	0.3	158	1.8	91
AO867597	1.7	<0.05	0.1	14.6	<0.5	4	<0.2	0.5	0.184	0.1	0.1	139	0.2	106
AO867598	7.4	0.12	0.1	9.4	<0.5	5	<0.2	0.9	0.16	0.1	0.1	77	0.2	63
AO867599	180.9	0.21	0.3	9.5	<0.5	8	2.7	0.9	0.152	0.2	0.1	64	0.3	91
AO867600	152.1	0.2	0.2	8.9	<0.5	13	0.4	0.9	0.179	0.2	0.1	73	0.2	114
AO867601	12.8	0.18	<0.1	5	0.9	29	<0.2	0.5	0.144	<0.1	0.1	47	0.4	39
AO867602	102.8	0.12	0.2	8.4	<0.5	20	<0.2	0.8	0.142	0.1	0.1	64	0.5	63
AO867603	5.1	<0.05	0.1	9.4	<0.5	8	<0.2	0.7	0.143	0.2	0.1	75	0.3	82
AO867603 Re	4.9	<0.05	0.1	8.9	<0.5	7	<0.2	0.6	0.137	0.2	0.1	74	0.4	82
AO867604	6.3	0.15	0.1	9.8	<0.5	8	<0.2	1	0.151	0.2	0.1	65	0.2	77
AO867605	6.6	0.35	0.1	6.2	<0.5	22	1	0.9	0.093	0.2	0.2	46	0.4	50
AO867606	3.9	<0.05	0.1	9.3	<0.5	6	<0.2	1.4	0.192	0.2	0.2	70	0.3	76
AO867607	17.6	<0.05	0.1	4.4	<0.5	4	<0.2	1	0.068	<0.1	<0.1	49	0.3	45
AO867608	13.1	0.16	0.2	5.1	0.5	17	<0.2	1.2	0.081	<0.1	0.1	54	0.2	66
AO867609	15.2	0.11	0.2	3.6	<0.5	6	<0.2	0.8	0.058	<0.1	0.2	43	0.2	61
AO867610	9.1	0.71	0.2	4.1	<0.5	31	1.7	1.1	0.024	0.1	0.2	19	0.6	30
AO867611	7.3	<0.05	0.1	9.3	<0.5	10	<0.2	0.9	0.118	0.2	0.2	82	0.4	71
AO867612	7.2	0.21	0.1	9.4	<0.5	18	<0.2	0.4	0.12	0.2	<0.1	111	0.3	79
AO867613	153.7	0.42	0.2	7.3	0.7	31	0.2	0.5	0.106	0.2	0.2	100	0.6	107
AO867614	49.3	1.97	0.3	9.9	1.1	104	1.7	0.4	0.067	0.2	1.3	60	2.9	67
AO867615	70.2	0.31	0.2	15.2	<0.5	67	<0.2	0.6	0.157	0.4	0.1	152	4.7	132
AO867616	9.4	0.08	0.2	8.6	<0.5	16	<0.2	0.7	0.099	0.1	<0.1	105	0.3	73
AO867617	4.3	0.12	0.1	10.8	<0.5	19	<0.2	0.6	0.103	0.2	0.1	137	0.2	63
AO867618	4	0.07	0.2	14.6	<0.5	11	<0.2	0.7	0.104	0.1	0.2	185	0.5	106
AO867619	6.1	0.15	0.2	7.5	<0.5	14	<0.2	0.8	0.102	0.2	0.2	82	0.7	83
AO867620	11.1	1.48	0.3	8.2	0.7	156	0.9	0.3	0.045	0.1	0.3	65	0.7	105
AO867621	19.2	0.38	0.2	8.7	<0.5	29	<0.2	0.4	0.11	0.1	0.2	100	0.8	97

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 80 Core / 0 Pulp

Report No: S58436
Date: October 15, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AO867622	10.9	0.14	0.2	8.1	<0.5	20	0.2	0.4	0.08	0.2	0.3	89	1.1	111
AO867623	145.8	0.1	0.2	8.4	<0.5	19	<0.2	0.5	0.11	0.2	0.2	97	1.4	144
AO867624	11.8	0.07	0.1	10.3	0.7	10	<0.2	0.4	0.18	0.1	0.1	127	0.4	117
AO867625	2.5	<0.05	<0.1	9.2	<0.5	6	<0.2	0.6	0.118	<0.1	<0.1	87	0.5	67
AO867626	5.4	0.05	<0.1	8.1	0.6	14	<0.2	0.4	0.112	<0.1	<0.1	87	0.9	63
AO867627	4.8	0.1	0.6	12.4	<0.5	44	<0.2	0.4	0.056	<0.1	0.2	106	0.9	78
AO867627 Re	4.5	0.11	0.6	12.3	<0.5	45	<0.2	0.4	0.059	<0.1	0.2	106	1	73
AO867628	24.1	0.24	0.1	20.2	<0.5	35	0.3	0.4	0.102	<0.1	<0.1	162	<0.1	101
AO867629	3.4	0.09	<0.1	14.2	<0.5	23	<0.2	0.2	0.15	<0.1	<0.1	155	0.2	81
AO867630	2.7	0.1	0.1	15.5	<0.5	16	<0.2	0.3	0.245	0.2	<0.1	178	<0.1	92
AO867631	10	0.33	0.2	10.7	<0.5	348	0.3	0.4	0.057	0.1	0.1	141	0.4	269
AO867632	28.5	0.69	0.3	12.2	<0.5	515	0.9	0.2	0.039	0.1	0.6	103	2.4	192
AO867633	13.3	0.24	0.4	6	<0.5	161	<0.2	0.3	0.016	<0.1	0.1	116	0.5	164
STD DS11	143.2	0.29	7.3	3.2	2.6	64	4.6	8.4	0.098	5	2.5	50	2.7	353
STD OREAS262	59.2	0.28	2.9	3.4	<0.5	35	<0.2	10.5	0.003	0.6	1.2	23	0.1	154
STD DS11	143.6	0.28	7.5	3.5	2.1	68	5.1	8	0.098	5.2	2.6	49	2.4	362
STD OREAS262	54.7	0.27	2.7	3.2	<0.5	36	<0.2	8.4	0.003	0.4	1.1	21	0.1	156
STD OREAS262	60.1	0.26	3	3.4	<0.5	36	0.3	9.4	0.004	0.5	1.3	23	0.1	164
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58510
Geologist:	T. Fiolleau	Date Received:	Oct 22, 2020
Project:	Doc Project	Date Reported:	Nov 16, 2020
Purchase Order:	Hanstone1	Invoice:	78774

Sample Type:	Number	Sample Preparation
Pulp	109	None

ICP-AES Multiacid Digestion HNO_3-$HClO_4$-HF-HCl

The Multiacid digestion liberates most metals that are not completely dissolved with Aqua Regia. Dissolution may not be complete for Cr and Ba minerals(*). Some loss of As and Sb may occur.

Element Name	Lower Detection Limit	Element Name	Lower Detection Limit
Ag	0.5 ppm	Na	100 ppm
Al	100 ppm	Nb	2 ppm
As	5 ppm	Ni	2 ppm
Ba	1 ppm	P	20 ppm
Be	1 ppm	Pb	5 ppm
Bi	5 ppm	Sb	5 ppm
Ca	100 ppm	Sc	1 ppm
Cd	0.4 ppm	Sn	2 ppm
Co	2 ppm	Sr	2 ppm
Cr	2 ppm	Th	2 ppm
Cu	2 ppm	Ti	100 ppm
Fe	0.01 %	U	20 ppm
K	100 ppm	V	2 ppm
La	2 ppm	W	4 ppm
Mg	100 ppm	Y	2 ppm
Mn	5 ppm	Zn	2 ppm
Mo	2 ppm	Zr	2 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	S %
A0862751	<0.5	5.8	<5	273	<1	<5	5.15	<0.4	25	116	35	4.82	0.53	16	2.09	666	<2	2.47	4	45	0.104	<5	0.2
A0862752	<0.5	7.15	<5	167	<1	<5	3.79	<0.4	17	125	27	4.54	0.66	15	2.53	565	<2	3.16	<2	75	0.1	<5	0.4
A0862753	1.3	6.05	<5	439	<1	<5	4.65	<0.4	12	111	35	4.2	0.53	17	1.87	891	12	3.74	<2	42	0.062	6	1.2
A0862754	1.7	5.66	<5	129	<1	<5	1.48	<0.4	9	116	201	2.71	0.25	12	1.28	351	5	4.08	<2	75	0.038	7	1.4
A0862755	<0.5	7.45	<5	351	1	<5	6.17	<0.4	18	82	27	5.72	0.85	22	2.75	841	<2	2.92	4	39	0.148	5	0.2
A0862756	<0.5	5.36	<5	228	<1	<5	3.89	<0.4	13	123	33	3.66	1.18	12	1.62	588	<2	2.27	<2	58	0.067	17	0.7
A0862757	1.4	6.2	<5	270	1	<5	2.74	<0.4	13	98	25	4.27	1.31	11	2.01	475	<2	2.46	<2	44	0.084	<5	0.6
A0862758	<0.5	5.43	<5	142	<1	<5	1.71	<0.4	13	119	38	4.04	0.31	14	1.94	344	<2	2.62	4	50	0.06	6	0.5
A0862759	<0.5	8.55	<5	298	1	<5	3.32	<0.4	16	77	20	5.39	0.56	20	2.82	525	2	3.69	6	41	0.153	<5	0.6
A0862760	<0.5	8.53	<5	393	<1	<5	2.53	<0.4	27	69	87	6.04	0.78	9	3.19	784	2	3.73	3	35	0.082	<5	0.8
A0862761	<0.5	9.46	<5	333	1	<5	3.22	<0.4	18	42	51	5.65	0.54	22	2.51	671	<2	4.56	6	7	0.246	<5	0.1
A0862762	<0.5	8.95	<5	359	<1	<5	3.08	<0.4	28	31	130	6.66	0.86	8	3.43	1155	<2	3.58	<2	12	0.077	5	0.3
A0862763	<0.5	8.96	<5	461	<1	<5	3.44	<0.4	26	38	130	7.07	0.83	12	3.04	1313	<2	3.59	3	10	0.109	<5	0.3
A0862764	<0.5	9.24	<5	449	<1	<5	4.16	<0.4	32	57	190	7.95	0.62	7	2.84	1404	<2	3.64	<2	12	0.07	<5	0.4
A0862765	<0.5	8.75	<5	461	<1	<5	4.87	<0.4	29	58	153	7.82	0.77	7	3.1	1443	<2	3.21	<2	12	0.069	<5	0.5
A0862766	0.5	8.41	<5	800	<1	<5	5.06	<0.4	33	61	143	7.89	0.85	7	3.44	1333	<2	3.27	<2	15	0.063	<5	0.7
A0862766 Re	<0.5	8.75	<5	817	<1	<5	5.23	<0.4	33	60	142	7.96	0.86	7	3.5	1358	<2	3.2	<2	15	0.065	<5	0.6
A0862767	1.1	7.68	<5	349	1	<5	4.95	0.6	28	54	196	6.84	1.73	6	2.92	1449	<2	2.7	<2	15	0.056	8	0.9
A0862768	0.6	8.64	<5	584	<1	<5	4.71	<0.4	27	44	150	6.99	1.62	5	2.85	1164	<2	2.74	<2	15	0.053	6	0.4
A0862769	1.6	8.45	<5	501	<1	<5	4.86	<0.4	26	48	172	6.87	1.12	6	2.84	1213	<2	3.14	<2	14	0.053	<5	0.3
A0862770	0.6	9.43	<5	440	<1	<5	4.88	<0.4	31	68	241	7.65	0.68	7	3.2	1359	<2	3.49	<2	16	0.06	<5	0.5
A0862771	0.9	8.68	<5	398	<1	<5	4.78	<0.4	29	47	155	6.99	1.2	6	3.05	1241	<2	3.23	<2	15	0.059	7	0.2
A0862772	0.9	9.16	<5	618	<1	<5	5.15	<0.4	25	63	113	6.57	1.69	7	3.25	1203	<2	2.85	<2	16	0.054	6	0.5
A0862773	<0.5	9.03	<5	420	<1	<5	4.59	<0.4	34	74	158	7.7	0.99	7	3.58	1192	<2	3.31	<2	17	0.066	<5	0.3
A0862774	<0.5	8.49	<5	419	<1	<5	4.22	<0.4	32	67	152	7.36	1	7	3.47	1139	<2	3.19	<2	16	0.065	<5	0.2
A0862775	<0.5	8.87	<5	424	<1	<5	4.11	<0.4	28	71	67	6.17	1.1	15	3.69	911	<2	3.52	2	38	0.113	<5	0.2
A0862776	<0.5	8.97	<5	519	<1	<5	4.18	<0.4	30	66	164	7.41	0.91	7	3.58	1000	<2	3.27	<2	19	0.069	<5	0.4
A0862777	<0.5	8.66	<5	412	<1	<5	5.06	<0.4	28	70	123	6.64	0.63	9	2.98	899	<2	3.71	2	23	0.057	<5	0.3
A0862778	0.5	9.86	<5	583	<1	<5	4.31	<0.4	31	63	142	7.18	0.86	5	3.15	1272	<2	3.46	<2	19	0.056	<5	0.2
A0862779	<0.5	9.16	<5	385	<1	<5	4.12	<0.4	34	158	99	7.28	0.72	11	4.48	1136	<2	3.29	<2	129	0.091	5	0.2
A0862780	1.6	7.6	<5	157	<1	<5	2.43	<0.4	31	63	72	6.18	0.37	9	2.45	755	<2	3.52	<2	27	0.091	9	0.2
A0862781	<0.5	7.26	<5	78	<1	<5	2.01	<0.4	34	110	145	3.51	0.17	13	1.76	254	2	4.46	3	53	0.095	<5	0.7
A0862782	<0.5	5.85	<5	209	<1	<5	4.65	<0.4	22	139	144	3.53	0.2	18	2.05	468	<2	3.08	4	40	0.102	<5	0.5
A0862783	<0.5	3.05	<5	1058	<1	<5	10.36	<0.4	12	99	82	2.12	0.32	11	1.04	606	<2	1.37	2	26	0.055	<5	0.3
A0862784	1	5.41	<5	524	<1	<5	4.15	<0.4	13	157	86	3.87	0.79	16	1.96	562	<2	2.15	5	39	0.123	<5	0.4

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____

Mark Acres - Quality Assurance

TSL LABORATORIES INC.

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Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0862785	<0.5	4.47	<5	172	<1	<5	1.35	<0.4	8	217	35	2.3	0.53	8	1.02	280	<2	2.11	2	56	0.042	<5	0.4
A0862786	<0.5	4.02	<5	122	<1	<5	1.82	<0.4	7	229	27	2.14	0.42	15	0.84	316	<2	2.05	<2	65	0.04	<5	0.5
A0862787	<0.5	4.17	<5	159	<1	<5	2.53	<0.4	11	244	95	2.33	0.61	13	1.21	397	2	1.72	2	132	0.036	<5	0.5
A0862788	1.3	4.36	<5	486	<1	<5	3.79	<0.4	14	253	47	3.06	0.76	14	1.92	537	<2	1.5	4	86	0.094	<5	0.4
A0862789	<0.5	3.2	<5	236	<1	<5	6.33	<0.4	12	178	104	2.11	0.37	12	1.05	540	<2	1.41	3	51	0.073	<5	0.6
A0862790	<0.5	3.33	<5	219	<1	<5	4.04	<0.4	8	230	78	2.2	0.4	11	1.06	396	<2	1.47	2	57	0.037	<5	0.6
A0862791	<0.5	3.35	<5	224	<1	<5	5.53	<0.4	7	133	68	2.08	0.21	12	1.11	510	<2	1.59	2	75	0.025	<5	0.5
A0862792	<0.5	1.52	<5	92	<1	<5	11.41	<0.4	5	87	39	1.48	0.2	7	0.44	442	3	0.7	<2	18	0.03	<5	0.9
A0862793	<0.5	2.78	<5	239	<1	<5	12.88	<0.4	8	63	69	2.17	0.5	9	0.91	877	3	1.02	2	19	0.049	<5	1.1
A0862794	0.7	4.86	<5	249	<1	<5	8.4	<0.4	13	89	74	3.46	0.37	7	1.08	775	2	2.47	5	14	0.055	<5	1
A0862795	<0.5	7.43	<5	529	<1	<5	2.53	<0.4	18	53	88	5.5	0.91	8	1.79	1135	<2	3.18	4	12	0.072	<5	0.3
A0862796	<0.5	7.51	<5	420	<1	<5	2.52	<0.4	21	52	87	6.31	0.68	6	2.03	1682	<2	3.65	2	10	0.073	6	0.6
A0862797	<0.5	7.43	<5	589	<1	<5	3.82	<0.4	21	30	79	6.41	1.57	9	2.01	1651	<2	2.95	5	8	0.136	9	0.5
A0862798	2.2	7.31	<5	179	3	<5	4.66	0.7	21	99	302	6.46	3.34	8	1.83	2278	<2	1.32	4	10	0.147	25	2
A0862799	<0.5	8.54	<5	793	<1	<5	3.31	<0.4	22	42	79	6.96	1.51	6	2.3	1663	<2	2.96	2	11	0.082	8	0.3
A0862800	<0.5	7.62	<5	603	<1	<5	4.97	<0.4	22	83	102	6.33	0.73	10	2.48	1549	<2	3.16	5	18	0.12	7	0.7
A0862801	0.5	7.65	<5	408	<1	<5	2.37	<0.4	22	43	103	6.75	0.38	6	2.42	1756	<2	3.43	3	11	0.08	7	0.4
A0862802	<0.5	7.48	<5	672	<1	<5	3.39	<0.4	19	54	68	6.49	0.58	8	1.88	1478	<2	3.47	4	11	0.082	6	0.4
A0862802 Re	<0.5	7.62	<5	678	<1	<5	3.45	<0.4	19	55	71	6.54	0.6	8	1.9	1493	<2	3.41	4	10	0.086	6	0.4
A0862803	0.5	6.19	<5	389	<1	<5	2.44	<0.4	18	103	65	5.51	0.7	11	1.82	924	<2	2.57	5	20	0.08	<5	0.2
A0862804	<0.5	6.65	<5	628	2	<5	3.71	<0.4	11	121	43	4.76	2.19	24	0.94	696	3	1.8	28	18	0.096	<5	0.3
A0862805	<0.5	6.38	<5	169	<1	<5	2.97	<0.4	16	68	49	4.68	0.35	6	1.63	1023	<2	3.42	2	17	0.06	7	0.2
A0862806	2.5	4.99	<5	41	1	<5	2.11	<0.4	14	289	52	4.34	1.04	15	0.99	1222	31	2.69	<2	18	0.04	18	2.2
A0862807	0.5	6.75	<5	360	<1	<5	2.97	<0.4	19	84	74	5.78	0.48	8	1.72	1217	<2	3.51	3	17	0.064	9	0.4
A0862808	<0.5	7.88	<5	441	<1	<5	2.77	<0.4	21	64	95	6.69	0.73	7	1.92	1242	<2	3.73	3	12	0.078	6	0.3
A0862809	<0.5	7.44	<5	815	<1	<5	3.07	<0.4	19	46	74	6.16	1.4	6	1.78	1183	<2	3.29	3	10	0.072	11	0.3
A0862810	0.7	7.82	<5	558	<1	<5	3.15	<0.4	22	43	101	6.78	0.8	6	1.99	1575	<2	3.77	3	11	0.084	58	0.2
A0862811	<0.5	7.63	<5	450	<1	<5	2.84	<0.4	21	35	87	6.67	0.68	6	1.89	1355	<2	3.56	3	9	0.087	9	0.4
A0862812	<0.5	7.74	<5	824	<1	<5	3.44	<0.4	22	35	105	6.75	0.97	6	2.06	1407	<2	3.25	4	10	0.08	7	0.3
A0862813	0.5	7.64	<5	1546	<1	<5	3	<0.4	20	36	70	6.29	1.28	6	1.82	1486	<2	3.4	3	8	0.084	9	0.3
A0862814	<0.5	7.77	<5	1590	<1	<5	2.59	0.4	18	41	52	6.05	1.42	8	1.66	1419	<2	3.38	3	7	0.075	32	0.3
A0862815	0.7	7.77	<5	1084	<1	<5	3.08	<0.4	20	36	62	6.28	1.46	8	1.76	1311	<2	3.35	3	9	0.071	21	0.5
A0862816	<0.5	7.62	<5	938	<1	<5	2.69	<0.4	17	65	85	6.19	1.23	7	1.95	1211	<2	3.09	3	12	0.08	10	0.3
A0862817	<0.5	7.58	<5	711	1	<5	2.37	<0.4	15	70	82	5.43	1.17	7	1.78	1066	<2	3.3	5	9	0.1	10	0.2
A0862818	0.5	8.13	<5	600	<1	<5	2.24	<0.4	21	70	128	6.57	1.1	9	2.09	1154	<2	3.38	3	11	0.083	19	0.4

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____

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Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0862819	1	7.57	<5	485	<1	<5	2.24	<0.4	21	100	140	6.39	1.31	8	2.05	977	<2	3.11	<2	15	0.064	13	0.6
A0862820	0.9	7.33	<5	722	<1	<5	3.34	<0.4	21	79	92	6.81	1.28	7	2.23	1228	<2	2.85	<2	11	0.075	8	0.4
A0862821	1.4	7.27	<5	531	<1	<5	3.46	<0.4	21	81	94	6.49	1.32	8	1.75	1133	<2	3.55	<2	11	0.102	<5	0.2
A0862822	1.4	7	<5	469	<1	<5	3.74	<0.4	22	123	129	6.78	2.44	5	2.38	1230	<2	1.91	<2	17	0.06	<5	0.3
A0862823	1.9	6.67	<5	461	1	<5	5.03	<0.4	20	72	44	5.49	2.4	7	1.87	1435	<2	1.67	<2	12	0.061	8	0.9
A0862824	<0.5	7.57	<5	1447	<1	<5	3.43	<0.4	22	126	53	6	1.56	7	1.99	1072	<2	2.89	<2	13	0.081	<5	0.5
A0862825	1.3	7.65	<5	216	<1	<5	1.91	<0.4	21	69	94	6.54	0.48	7	2.26	707	<2	3.62	<2	13	0.068	<5	0.4
A0862826	1.4	7.59	<5	394	<1	<5	1.72	<0.4	19	137	51	5.22	1.16	6	1.73	540	<2	3.46	<2	11	0.079	<5	0.6
A0862827	1	7.04	<5	407	1	<5	3.51	<0.4	20	84	58	5.32	1.67	6	1.78	909	<2	2.7	<2	10	0.064	<5	0.7
A0862828	1.5	7.48	<5	324	<1	<5	2.88	<0.4	20	94	98	6.15	0.9	7	2.11	837	<2	3.32	<2	10	0.076	<5	0.6
A0862829	<0.5	7.27	<5	345	<1	<5	2.39	<0.4	18	58	71	5.8	0.78	7	2.1	943	<2	3.07	<2	9	0.078	<5	0.3
A0862830	<0.5	7.36	<5	350	<1	<5	2.43	<0.4	17	99	67	5.68	0.8	7	2.07	955	<2	3.12	<2	10	0.074	<5	0.3
A0862831	<0.5	7.44	<5	361	<1	<5	2.33	<0.4	19	36	76	6.47	0.83	7	2.54	1033	<2	2.93	<2	10	0.083	<5	0.3
A0862832	1.6	7.14	<5	346	<1	<5	1.64	<0.4	23	102	82	5.36	0.79	18	1.97	753	2	3.04	<2	11	0.056	<5	0.3
A0862833	0.9	6.98	<5	298	<1	<5	1.66	<0.4	32	50	70	5.33	0.72	22	2.05	772	2	3.02	2	12	0.051	<5	0.2
A0862834	0.6	7.63	<5	540	<1	<5	2.37	<0.4	16	57	126	6.25	1.05	6	2.14	1072	<2	2.71	2	11	0.081	<5	0.5
A0862835	<0.5	7.27	<5	423	<1	<5	3.98	<0.4	14	70	107	5.59	0.85	8	1.91	1228	<2	2.79	2	12	0.062	<5	0.3
A0862836	<0.5	7.84	<5	534	<1	<5	3.03	<0.4	20	51	70	5.66	0.89	5	1.8	1244	<2	3.3	2	9	0.075	<5	0.3
A0862837	<0.5	8.23	<5	723	<1	<5	2.99	<0.4	20	68	50	5.96	1	7	1.94	1327	<2	3.44	2	10	0.08	<5	0.2
A0862838	0.6	7.83	<5	815	<1	<5	2.75	<0.4	21	74	99	6.67	1.03	7	2.12	1476	<2	3.23	2	8	0.081	<5	0.5
A0862838 Re	<0.5	7.97	<5	808	<1	<5	2.75	<0.4	22	80	102	6.6	1.03	7	2.1	1467	<2	3.21	2	8	0.083	<5	0.6
A0862839	0.7	7.66	<5	670	<1	<5	2.84	<0.4	20	38	142	6.77	0.92	6	2.33	1570	<2	3.2	2	9	0.069	<5	0.4
A0862840	<0.5	7.86	<5	742	<1	<5	1.93	<0.4	16	101	56	5.57	0.76	7	1.75	1064	<2	3.53	2	11	0.055	6	0.6
A0862841	<0.5	7.14	<5	558	<1	<5	1.48	<0.4	13	73	46	4.58	0.6	6	1.51	766	<2	3.3	2	9	0.04	<5	0.6
A0862842	<0.5	7.85	<5	890	<1	<5	2.12	<0.4	17	107	68	5.49	0.89	6	1.76	994	<2	3.36	<2	11	0.048	6	0.6
A0862843	<0.5	7.97	<5	718	<1	<5	2.45	<0.4	20	63	90	6.28	0.75	8	2.12	1178	<2	3.51	3	15	0.069	7	0.6
A0862844	<0.5	8.49	<5	1147	1	<5	2.75	<0.4	17	66	18	6.15	1.15	20	1.96	1185	<2	3.53	9	13	0.13	5	0.3
A0862845	<0.5	7.47	<5	547	<1	<5	2.39	<0.4	17	49	79	5.64	0.68	7	1.78	1190	<2	3.43	2	10	0.058	<5	0.5
A0862846	<0.5	7.42	<5	528	<1	<5	1.74	<0.4	15	99	62	5.36	0.7	7	1.66	1178	<2	3.47	3	10	0.05	5	0.4
A0862847	<0.5	7.58	<5	388	<1	<5	1.71	<0.4	17	60	82	5.49	0.67	7	1.88	1368	<2	3.62	2	11	0.064	6	0.5
A0862848	<0.5	7.52	<5	361	<1	<5	1.99	<0.4	15	95	51	5.08	0.46	6	1.97	1425	<2	3.65	2	8	0.072	7	0.1
A0862849	0.6	7.74	<5	374	<1	<5	1.76	<0.4	15	60	50	4.91	0.47	6	1.97	1309	<2	3.83	<2	8	0.073	7	0.2
A0862850	<0.5	8.08	<5	505	<1	<5	3.61	<0.4	22	92	110	6.58	0.75	6	2.47	1801	<2	3.6	2	18	0.079	5	0.2
A0862851	<0.5	8.16	<5	489	<1	<5	2.06	<0.4	26	51	181	7.38	0.81	6	2.61	1791	<2	3.58	2	14	0.069	<5	0.4
A0862852	<0.5	7.68	<5	297	<1	<5	2.29	<0.4	22	70	112	6.61	0.44	6	2.39	2056	<2	3.54	3	13	0.073	<5	0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____

Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS
Multiacid Digestion

Element Sample	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	S %
A0862853	<0.5	7.64	<5	693	<1	<5	2.51	<0.4	18	79	77	5.9	0.94	8	1.74	1222	<2	3.3	3	11	0.071	<5	0.2
A0862854	<0.5	6.26	<5	403	<1	<5	2.43	<0.4	16	153	61	5.29	0.55	14	1.56	1011	<2	3.18	9	17	0.089	<5	0.3
A0862855	<0.5	7.23	<5	494	<1	<5	3.19	0.4	19	56	65	6.07	0.56	12	1.78	1241	<2	3.83	9	11	0.111	6	0.3
A0862856	<0.5	8.02	<5	453	<1	<5	3.32	0.9	22	68	95	6.81	0.64	8	1.91	1375	<2	4.29	3	11	0.076	6	0.3
A0862857	<0.5	7.62	<5	549	<1	<5	3.07	<0.4	20	56	76	6.17	0.61	9	1.8	1180	<2	3.99	4	13	0.079	<5	0.3
A0862858	<0.5	7.65	<5	688	<1	<5	3.27	<0.4	20	81	95	6.19	0.59	8	1.82	1371	<2	3.93	3	10	0.081	5	0.9
A0862859	<0.5	7.77	<5	1075	<1	<5	2.81	1.4	25	51	88	6.33	0.81	7	2.36	1650	<2	3.64	4	16	0.088	<5	0.4
STD OREAS45E	0.9	6.78	17	258	<1	<5	0.07	<0.4	57	1019	776	25.53	0.35	12	0.16	559	3	0.05	9	494	0.034	14	<0.1
STD OREAS25A-4A	<0.5	9.26	10	152	<1	<5	0.32	<0.4	7	118	29	6.87	0.5	24	0.34	495	3	0.13	22	45	0.049	24	<0.1
STD OREAS45E	0.9	6.82	17	257	<1	<5	0.07	<0.4	56	1007	756	26.19	0.35	12	0.16	552	3	0.05	7	487	0.034	14	<0.1
STD OREAS25A-4A	<0.5	9.31	11	150	<1	<5	0.31	<0.4	8	118	29	6.76	0.5	23	0.33	483	2	0.12	19	44	0.048	23	<0.1
STD OREAS25A-4A	4.2	8.6	10	149	<1	<5	0.29	<0.4	7	111	28	6.73	0.49	22	0.33	481	2	0.13	22	44	0.048	24	<0.1
STD OREAS45H	<0.5	8.08	18	348	1	<5	0.15	<0.4	89	676	769	20.39	0.22	13	0.26	408	<2	0.09	17	459	0.023	12	<0.1
STD OREAS25A-4A	<0.5	9.45	10	152	<1	<5	0.3	<0.4	8	113	31	6.55	0.52	21	0.33	510	<2	0.14	20	47	0.051	27	<0.1
STD OREAS45H	0.7	8.46	14	351	1	<5	0.14	<0.4	95	672	800	21.52	0.23	14	0.26	417	<2	0.1	14	470	0.025	15	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF
and diluted to 10 ml with D.I. H2O.

Signed: ______________________
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element / Sample	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A0862751	<5	13	<2	229	<2	0.36	<20	114	<4	18	24	8
A0862752	<5	17	<2	91	<2	0.31	<20	148	<4	13	22	15
A0862753	<5	16	<2	135	<2	0.19	<20	112	<4	7	32	4
A0862754	<5	9	<2	85	<2	0.09	<20	68	<4	4	34	6
A0862755	<5	18	<2	271	<2	0.31	<20	162	<4	17	40	7
A0862756	<5	13	<2	122	<2	0.19	<20	118	<4	8	28	8
A0862757	<5	15	<2	105	<2	0.23	<20	143	<4	8	29	3
A0862758	<5	12	<2	65	<2	0.33	<20	110	<4	16	30	5
A0862759	<5	17	<2	170	<2	0.46	<20	147	<4	26	28	12
A0862760	<5	24	<2	162	<2	0.47	<20	228	<4	25	32	9
A0862761	<5	12	<2	227	<2	0.37	<20	125	<4	21	26	4
A0862762	<5	30	<2	218	<2	0.36	<20	253	<4	13	52	<2
A0862763	<5	27	<2	263	<2	0.41	<20	229	<4	16	55	3
A0862764	<5	36	<2	350	<2	0.59	<20	300	<4	21	52	7
A0862765	<5	37	<2	300	<2	0.55	<20	313	<4	19	59	10
A0862766	<5	37	<2	335	<2	0.45	<20	299	<4	16	56	10
A0862766 Re	<5	38	<2	334	<2	0.47	<20	304	<4	17	55	11
A0862767	<5	32	<2	236	<2	0.2	<20	249	<4	9	84	4
A0862768	<5	31	<2	225	<2	0.2	<20	241	<4	10	63	3
A0862769	<5	30	<2	279	<2	0.28	<20	236	<4	11	68	6
A0862770	<5	35	<2	402	<2	0.45	22	270	<4	17	57	6
A0862771	<5	33	<2	311	<2	0.22	<20	252	<4	9	59	3
A0862772	<5	29	<2	349	<2	0.3	<20	228	<4	12	48	7
A0862773	<5	36	<2	348	<2	0.46	<20	278	<4	17	53	7
A0862774	<5	35	<2	340	<2	0.44	<20	270	<4	16	53	6
A0862775	<5	25	<2	289	<2	0.35	<20	194	<4	14	50	5
A0862776	<5	31	<2	312	<2	0.44	<20	252	<4	15	45	5
A0862777	<5	31	<2	248	<2	0.49	<20	244	<4	19	29	14
A0862778	<5	29	<2	412	<2	0.36	<20	235	<4	13	53	4
A0862779	<5	30	<2	236	<2	0.34	<20	230	<4	15	68	6
A0862780	<5	25	<2	125	<2	0.28	<20	230	<4	15	54	4
A0862781	<5	19	<2	96	<2	0.4	<20	171	<4	26	12	6
A0862782	<5	13	<2	120	<2	0.38	<20	119	<4	22	16	10
A0862783	<5	7	<2	113	<2	0.21	<20	65	<4	18	12	7
A0862784	<5	10	<2	101	<2	0.35	<20	89	<4	19	25	10

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element Sample	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
A0862785	<5	7	<2	64	<2	0.17	<20	69	<4	7	35	<2
A0862786	<5	7	<2	55	<2	0.12	<20	65	<4	5	37	<2
A0862787	<5	7	<2	49	<2	0.13	<20	71	<4	7	37	6
A0862788	<5	11	<2	106	<2	0.26	<20	107	<4	14	29	10
A0862789	<5	7	<2	86	<2	0.15	<20	65	<4	14	12	5
A0862790	<5	6	<2	70	<2	0.15	<20	66	<4	11	12	6
A0862791	<5	6	<2	83	<2	0.13	<20	71	<4	12	17	5
A0862792	<5	4	<2	73	<2	0.11	<20	35	<4	14	11	4
A0862793	<5	7	<2	174	<2	0.18	<20	70	<4	19	41	4
A0862794	<5	13	<2	131	<2	0.28	<20	107	<4	15	36	6
A0862795	<5	21	<2	138	<2	0.52	<20	182	<4	17	54	<2
A0862796	<5	25	<2	172	<2	0.52	<20	224	<4	9	150	<2
A0862797	<5	23	<2	195	<2	0.58	<20	201	<4	10	110	<2
A0862798	<5	21	<2	201	<2	0.43	<20	188	12	11	105	<2
A0862799	<5	30	<2	201	<2	0.62	<20	269	<4	9	143	<2
A0862800	<5	25	<2	239	<2	0.55	<20	195	<4	21	101	10
A0862801	<5	27	<2	183	<2	0.61	<20	240	<4	22	218	<2
A0862802	<5	25	<2	231	<2	0.58	<20	201	<4	22	108	2
A0862802 Re	<5	26	<2	233	<2	0.59	<20	206	<4	22	111	2
A0862803	<5	21	<2	136	<2	0.54	<20	198	<4	21	89	3
A0862804	<5	14	3	114	<2	0.48	<20	125	<4	21	65	5
A0862805	<5	17	<2	149	<2	0.35	<20	177	<4	10	94	<2
A0862806	<5	14	<2	136	<2	0.18	<20	114	11	8	59	<2
A0862807	<5	22	<2	168	<2	0.46	<20	215	<4	16	101	2
A0862808	<5	27	<2	156	<2	0.6	<20	227	<4	21	107	2
A0862809	<5	25	<2	148	<2	0.57	<20	205	<4	14	171	<2
A0862810	<5	27	<2	181	<2	0.66	<20	248	<4	24	193	3
A0862811	<5	27	<2	185	<2	0.65	<20	228	<4	25	113	3
A0862812	<5	27	<2	220	<2	0.71	<20	231	<4	24	111	3
A0862813	<5	26	<2	203	<2	0.59	<20	198	<4	25	165	2
A0862814	<5	26	<2	195	<2	0.56	<20	179	<4	27	160	2
A0862815	<5	27	<2	197	<2	0.51	<20	207	<4	10	130	<2
A0862816	<5	25	2	173	<2	0.5	<20	193	<4	11	110	<2
A0862817	<5	22	4	146	3	0.48	<20	179	<4	10	114	2
A0862818	<5	27	<2	155	<2	0.45	<20	233	<4	12	172	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0862819	<5	25	<2	128	<2	0.32	<20	216	6	11	145	<2
A0862820	<5	27	<2	171	<2	0.32	<20	225	<4	9	123	<2
A0862821	<5	25	<2	174	<2	0.26	<20	200	<4	8	89	4
A0862822	<5	26	<2	140	<2	0.3	<20	223	<4	5	103	<2
A0862823	<5	23	<2	192	<2	0.26	<20	179	11	11	69	3
A0862824	<5	23	<2	180	<2	0.36	<20	195	<4	11	75	<2
A0862825	<5	24	<2	112	<2	0.24	<20	216	<4	7	62	<2
A0862826	<5	19	<2	125	<2	0.3	<20	156	<4	6	56	<2
A0862827	<5	21	<2	133	<2	0.33	<20	177	<4	6	55	<2
A0862828	<5	23	<2	137	<2	0.33	<20	200	<4	7	58	<2
A0862829	<5	22	<2	111	<2	0.35	<20	190	<4	6	58	<2
A0862830	<5	22	<2	117	<2	0.34	<20	192	<4	6	57	<2
A0862831	<5	26	<2	112	<2	0.38	<20	231	<4	6	67	<2
A0862832	<5	20	<2	109	<2	0.29	<20	152	<4	6	54	<2
A0862833	<5	19	<2	108	<2	0.31	<20	152	<4	6	59	<2
A0862834	<5	26	<2	120	<2	0.5	<20	218	<4	15	58	<2
A0862835	<5	25	<2	156	<2	0.43	<20	202	<4	19	56	2
A0862836	<5	25	<2	166	<2	0.53	<20	191	<4	23	58	3
A0862837	<5	28	<2	187	<2	0.59	<20	209	<4	25	64	3
A0862838	<5	29	<2	182	<2	0.66	<20	244	<4	26	87	3
A0862838 Re	<5	29	<2	183	<2	0.66	<20	243	<4	26	88	3
A0862839	<5	29	<2	165	<2	0.64	<20	283	<4	21	99	4
A0862840	<5	23	<2	164	<2	0.45	<20	177	<4	19	65	<2
A0862841	<5	18	<2	161	<2	0.35	<20	130	<4	16	63	<2
A0862842	<5	24	<2	178	<2	0.44	<20	176	<4	18	80	<2
A0862843	<5	25	<2	173	<2	0.62	<20	204	<4	24	60	2
A0862844	<5	16	<2	215	<2	0.52	<20	138	<4	23	63	5
A0862845	<5	23	<2	159	4	0.46	<20	173	<4	18	69	<2
A0862846	<5	21	<2	169	<2	0.45	<20	162	<4	9	169	<2
A0862847	<5	23	<2	170	<2	0.48	<20	173	<4	6	201	<2
A0862848	<5	23	<2	171	<2	0.46	<20	178	<4	18	139	<2
A0862849	<5	24	<2	178	<2	0.43	<20	181	<4	17	132	<2
A0862850	<5	29	<2	190	<2	0.58	<20	249	<4	24	178	3
A0862851	<5	30	<2	164	<2	0.62	<20	254	<4	24	109	<2
A0862852	<5	27	<2	165	4	0.6	<20	236	<4	22	143	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

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Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 109 Pulp

Report No: S58510
Date: November 16, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0862853	<5	25	<2	201	<2	0.51	<20	175	<4	23	107	3
A0862854	<5	19	<2	147	<2	0.57	<20	178	<4	24	103	5
A0862855	<5	21	<2	168	<2	0.65	<20	188	<4	22	188	3
A0862856	<5	28	<2	204	<2	0.6	<20	245	<4	26	224	2
A0862857	<5	25	<2	187	<2	0.61	<20	209	<4	26	138	4
A0862858	<5	26	<2	211	<2	0.58	<20	213	<4	25	215	4
A0862859	6	26	3	175	<2	0.76	<20	235	<4	22	203	3
STD OREAS45E	6	93	2	16	7	0.52	32	326	<4	8	46	95
STD OREAS25A-4A	<5	14	5	48	12	0.96	<20	155	<4	11	43	153
STD OREAS45E	6	93	2	16	7	0.53	35	324	<4	8	45	97
STD OREAS25A-4A	<5	13	4	47	12	0.94	<20	153	<4	11	42	153
STD OREAS25A-4A	<5	13	4	44	11	0.97	<20	153	<4	10	43	154
STD OREAS45H	<5	59	3	28	3	0.93	41	274	<4	10	40	127
STD OREAS25A-4A	7	14	5	49	13	0.97	<20	165	<4	11	44	168
STD OREAS45H	8	63	4	29	5	0.91	<20	281	<4	11	41	134
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Axiom Group	TSL Report:	S58683
Geologist:	T. Fiolleau	Date Received:	Nov 27, 2020
Project:	Doc	Date Reported:	Dec 11, 2020
Purchase Order:	20.2037.HSG	Invoice:	78899

Sample Type:	Number	Sample Preparation
Pulp	13	None

ICP-AES Multiacid Digestion HNO_3-$HClO_4$-HF-HCl

The Multiacid digestion liberates most metals that are not completely dissolved with Aqua Regia. Dissolution may not be complete for Cr and Ba minerals(*). Some loss of As and Sb may occur.(□)

Element Name	Lower Detection Limit	Element Name	Lower Detection Limit
Ag	0.5 ppm	Na	100 ppm
Al	100 ppm	Nb	2 ppm
As	5 ppm	Ni	2 ppm
Ba	1 ppm	P	20 ppm
Be	1 ppm	Pb	5 ppm
Bi	5 ppm	Sb	5 ppm
Ca	100 ppm	Sc	1 ppm
Cd	0.4 ppm	Sn	2 ppm
Co	2 ppm	Sr	2 ppm
Cr	2 ppm	Th	2 ppm
Cu	2 ppm	Ti	100 ppm
Fe	0.01 %	U	20 ppm
K	100 ppm	V	2 ppm
La	2 ppm	W	4 ppm
Mg	100 ppm	Y	2 ppm
Mn	5 ppm	Zn	2 ppm
Mo	2 ppm	Zr	2 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 13 Pulp

Report No: S58683
Date: December 11, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0862570	3.6	6.81	<5	329	2	<5	1.88	0.5	10	8	63	4.26	3.46	15	0.64	921	<2	0.61	3	4	0.062	335	0.9
A0862571	26.6	1.36	<5	108	<1	<5	0.17	<0.4	5	11	35	1.72	0.55	2	0.21	147	<2	0.19	<2	3	0.015	<5	0.2
A0862572	140.4	0.42	<5	51	<1	<5	<0.01	<0.4	3	16	195	2.29	0.23	3	0.03	49	6	<0.01	<2	<2	0.005	39	0.2
A0862573	7.8	7.56	<5	785	2	<5	0.05	<0.4	25	11	712	4.83	3.97	15	0.37	964	<2	0.07	<2	5	0.068	183	0.3
A0862574	3	7.01	<5	697	1	<5	0.28	0.5	14	12	387	4.46	3.37	15	0.67	797	<2	0.34	3	6	0.079	37	<0.1
A0862575	1.7	6.96	<5	911	1	<5	3.46	<0.4	17	8	101	5.45	2.86	10	1.19	1032	<2	1.34	<2	6	0.088	11	0.3
A0862576	1.8	7.5	<5	655	<1	<5	4.52	<0.4	25	11	124	6.7	1.52	6	1.77	1364	<2	2.62	<2	9	0.098	8	0.1
A0862577	1.5	7.43	<5	166	<1	<5	3.37	<0.4	24	16	132	6.47	0.39	7	1.83	1238	<2	3.68	<2	9	0.103	8	<0.1
A0862578	<0.5	7.47	<5	223	<1	<5	3.59	<0.4	25	19	82	6.4	0.5	7	1.76	1319	<2	3.47	2	10	0.104	8	<0.1
A0862579	<0.5	7.81	<5	389	<1	<5	3.58	<0.4	27	17	104	7.05	1	7	2.04	1376	<2	3.3	2	11	0.142	<5	<0.1
A0862580	<0.5	7.55	<5	206	1	<5	3.97	<0.4	23	17	167	6.49	0.57	8	1.82	1386	<2	3.44	3	10	0.101	7	0.1
A0862581	<0.5	7.62	<5	301	6	<5	3.55	<0.4	23	18	73	6.3	0.86	7	1.73	1321	<2	3.43	8	9	0.118	6	<0.1
A0862582	<0.5	7.8	<5	1190	<1	<5	3.68	<0.4	23	12	183	6.89	1.61	8	1.81	1307	<2	2.5	4	6	0.109	6	0.1
A0862582 Re	<0.5	7.89	<5	1190	<1	<5	3.73	<0.4	23	12	179	6.86	1.59	8	1.81	1304	<2	2.49	4	6	0.109	6	0.1
STD OREAS25A-4A	<0.5	8.81	10	148	<1	<5	0.28	<0.4	8	111	27	6.69	0.5	21	0.32	470	3	0.12	22	45	0.049	23	<0.1
STD OREAS45H	<0.5	7.71	17	324	1	<5	0.12	<0.4	88	638	734	20.24	0.22	11	0.24	379	2	0.08	13	438	0.023	14	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 13 Pulp

Report No: S58683
Date: December 11, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0862570	<5	15	<2	154	<2	0.2	<20	95	19	8	86	<2
A0862571	<5	4	<2	70	<2	0.08	<20	39	<4	3	17	<2
A0862572	<5	1	<2	4	<2	0.02	<20	9	<4	2	6	<2
A0862573	<5	19	2	29	<2	0.18	<20	92	13	7	79	<2
A0862574	<5	18	<2	80	<2	0.26	<20	106	16	12	97	<2
A0862575	<5	22	<2	357	<2	0.24	<20	157	11	11	82	<2
A0862576	<5	27	<2	455	<2	0.24	<20	242	<4	9	105	<2
A0862577	<5	25	<2	417	<2	0.31	<20	209	<4	13	95	<2
A0862578	<5	25	<2	361	<2	0.43	<20	219	<4	20	91	<2
A0862579	<5	27	2	366	<2	0.49	<20	243	<4	19	102	<2
A0862580	<5	26	<2	409	<2	0.49	<20	204	<4	23	93	<2
A0862581	<5	26	14	408	<2	0.47	<20	210	<4	20	94	<2
A0862582	<5	28	3	1316	<2	0.77	<20	234	<4	25	99	<2
A0862582 Re	<5	28	2	1337	<2	0.78	<20	228	<4	25	100	<2
STD OREAS25A-4A	<5	13	4	44	13	0.99	<20	156	<4	11	43	155
STD OREAS45H	7	54	5	25	3	0.89	25	260	<4	9	40	119
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

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2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Axiom Group	TSL Report:	S58683
Geologist:	T. Fiolleau	Date Received:	Nov 27, 2020
Project:	Doc	Date Reported:	Dec 11, 2020
Purchase Order:	20.2037.HSG	Invoice:	78899

Sample Type:	Number	Sample Preparation
Pulp	13	None

ICP-AES Multiacid Digestion HNO_3-$HClO_4$-HF-HCl

The Multiacid digestion liberates most metals that are not completely dissolved with Aqua Regia. Dissolution may not be complete for Cr and Ba minerals(*). Some loss of As and Sb may occur.(□)

Element Name	Lower Detection Limit	Element Name	Lower Detection Limit
Ag	0.5 ppm	Na	100 ppm
Al	100 ppm	Nb	2 ppm
As	5 ppm	Ni	2 ppm
Ba	1 ppm	P	20 ppm
Be	1 ppm	Pb	5 ppm
Bi	5 ppm	Sb	5 ppm
Ca	100 ppm	Sc	1 ppm
Cd	0.4 ppm	Sn	2 ppm
Co	2 ppm	Sr	2 ppm
Cr	2 ppm	Th	2 ppm
Cu	2 ppm	Ti	100 ppm
Fe	0.01 %	U	20 ppm
K	100 ppm	V	2 ppm
La	2 ppm	W	4 ppm
Mg	100 ppm	Y	2 ppm
Mn	5 ppm	Zn	2 ppm
Mo	2 ppm	Zr	2 ppm

TSL LABORATORIES INC.

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Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 13 Pulp

Report No: S58683
Date: December 11, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	S
Sample	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
A0862570	3.6	6.81	<5	329	2	<5	1.88	0.5	10	8	63	4.26	3.46	15	0.64	921	<2	0.61	3	4	0.062	335	0.9
A0862571	26.6	1.36	<5	108	<1	<5	0.17	<0.4	5	11	35	1.72	0.55	2	0.21	147	<2	0.19	<2	3	0.015	<5	0.2
A0862572	140.4	0.42	<5	51	<1	<5	<0.01	<0.4	3	16	195	2.29	0.23	3	0.03	49	6	<0.01	<2	<2	0.005	39	0.2
A0862573	7.8	7.56	<5	785	2	<5	0.05	<0.4	25	11	712	4.83	3.97	15	0.37	964	<2	0.07	<2	5	0.068	183	0.3
A0862574	3	7.01	<5	697	1	<5	0.28	0.5	14	12	387	4.46	3.37	15	0.67	797	<2	0.34	3	6	0.079	37	<0.1
A0862575	1.7	6.96	<5	911	1	<5	3.46	<0.4	17	8	101	5.45	2.86	10	1.19	1032	<2	1.34	<2	6	0.088	11	0.3
A0862576	1.8	7.5	<5	655	<1	<5	4.52	<0.4	25	11	124	6.7	1.52	6	1.77	1364	<2	2.62	<2	9	0.098	8	0.1
A0862577	1.5	7.43	<5	166	<1	<5	3.37	<0.4	24	16	132	6.47	0.39	7	1.83	1238	<2	3.68	<2	9	0.103	8	<0.1
A0862578	<0.5	7.47	<5	223	<1	<5	3.59	<0.4	25	19	82	6.4	0.5	7	1.76	1319	<2	3.47	2	10	0.104	8	<0.1
A0862579	<0.5	7.81	<5	389	<1	<5	3.58	<0.4	27	17	104	7.05	1	7	2.04	1376	<2	3.3	2	11	0.142	<5	<0.1
A0862580	<0.5	7.55	<5	206	1	<5	3.97	<0.4	23	17	167	6.49	0.57	8	1.82	1386	<2	3.44	3	10	0.101	7	0.1
A0862581	<0.5	7.62	<5	301	6	<5	3.55	<0.4	23	18	73	6.3	0.86	7	1.73	1321	<2	3.43	8	9	0.118	6	<0.1
A0862582	<0.5	7.8	<5	1190	<1	<5	3.68	<0.4	23	12	183	6.89	1.61	8	1.81	1307	<2	2.5	4	6	0.109	6	0.1
A0862582 Re	<0.5	7.89	<5	1190	<1	<5	3.73	<0.4	23	12	179	6.86	1.59	8	1.81	1304	<2	2.49	4	6	0.109	6	0.1
STD OREAS25A-4A	<0.5	8.81	10	148	<1	<5	0.28	<0.4	8	111	27	6.69	0.5	21	0.32	470	3	0.12	22	45	0.049	23	<0.1
STD OREAS45H	<0.5	7.71	17	324	1	<5	0.12	<0.4	88	638	734	20.24	0.22	11	0.24	379	2	0.08	13	438	0.023	14	<0.1
BLK	<0.5	<0.01	<5	<1	<1	<5	<0.01	<0.4	<2	<2	<2	<0.01	<0.01	<2	<0.01	<5	<2	<0.01	<2	<2	<0.002	<5	<0.1

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: T. Fiolleau
Project: Doc Project
Sample: 13 Pulp

Report No: S58683
Date: December 11, 2020

MULTIELEMENT ICP-AES ANALYSIS

Multiacid Digestion

Element	Sb	Sc	Sn	Sr	Th	Ti	U	V	W	Y	Zn	Zr
Sample	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
A0862570	<5	15	<2	154	<2	0.2	<20	95	19	8	86	<2
A0862571	<5	4	<2	70	<2	0.08	<20	39	<4	3	17	<2
A0862572	<5	1	<2	4	<2	0.02	<20	9	<4	2	6	<2
A0862573	<5	19	2	29	<2	0.18	<20	92	13	7	79	<2
A0862574	<5	18	<2	80	<2	0.26	<20	106	16	12	97	<2
A0862575	<5	22	<2	357	<2	0.24	<20	157	11	11	82	<2
A0862576	<5	27	<2	455	<2	0.24	<20	242	<4	9	105	<2
A0862577	<5	25	<2	417	<2	0.31	<20	209	<4	13	95	<2
A0862578	<5	25	<2	361	<2	0.43	<20	219	<4	20	91	<2
A0862579	<5	27	2	366	<2	0.49	<20	243	<4	19	102	<2
A0862580	<5	26	<2	409	<2	0.49	<20	204	<4	23	93	<2
A0862581	<5	26	14	408	<2	0.47	<20	210	<4	20	94	<2
A0862582	<5	28	3	1316	<2	0.77	<20	234	<4	25	99	<2
A0862582 Re	<5	28	2	1337	<2	0.78	<20	228	<4	25	100	<2
STD OREAS25A-4A	<5	13	4	44	13	0.99	<20	156	<4	11	43	155
STD OREAS45H	7	54	5	25	3	0.89	25	260	<4	9	40	119
BLK	<5	<1	<2	<2	<2	<0.01	<20	<2	<4	<2	<2	<2

A 0.25 g sample is digested with HClO4, HNO3, HCl, HF and diluted to 10 ml with D.I. H2O.

Signed: _____
Mark Acres - Quality Assurance

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 31-AUG-2020
This copy reported on 1-SEP-2020
Account: HAGOCO

CERTIFICATE TR20185910

Project: DOC Project

This report is for 4 Rock samples submitted to our lab in Terrace, BC, Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

DEBORAH HOLMES	RAY MARKS	BOB QUINN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
BAG-01	Bulk Master for Storage
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 31-AUG-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS TR20185910

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
A0862600		0.99	0.021	0.3	0.38	<2	<10	50	<0.5	<2	2.96	0.5	17	3	65	8.71
A0862601		0.41	0.491	2.1	0.11	2	<10	60	<0.5	<2	3.48	0.7	36	8	24	5.16
A0862951		1.53	0.253	1.0	0.27	2	<10	60	<0.5	<2	4.58	0.7	65	16	160	8.99
A0862952		2.46	0.215	0.8	0.21	<2	<10	30	<0.5	<2	1.89	<0.5	28	6	18	6.89

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 31-AUG-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS TR20185910

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
A0862600		<10	<1	0.23	<10	0.86	835	2	0.05	13	3710	5	0.54	<2	13	94
A0862601		<10	<1	0.02	<10	1.06	1030	2	0.06	13	1220	6	4.45	<2	13	124
A0862951		<10	<1	0.05	<10	1.09	1070	4	0.05	19	2000	6	5.47	<2	16	115
A0862952		<10	<1	0.02	<10	0.55	651	2	0.08	13	2000	4	2.14	<2	10	55

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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Finalized Date: 31-AUG-2020
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Project: DOC Project

CERTIFICATE OF ANALYSIS TR20185910

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	20	0.01	10	10	1	10	2
A0862600		<20	0.09	<10	<10	204	<10	39
A0862601		<20	<0.01	<10	<10	6	<10	23
A0862951		<20	0.04	<10	<10	78	<10	32
A0862952		<20	0.08	<10	<10	157	<10	21

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **HANSTONE GOLD CORP.**
3479 APPLEWOOD DRIVE
ABBOTSFORD BC V3G 3E1

Finalized Date: 31-AUG-2020
Account: HAGOCO

Project: DOC Project

CERTIFICATE OF ANALYSIS TR20185910

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Terrace located at 2912 Molitor Street, Terrace, BC, Canada.

Applies to Method:				
	BAG-01	CRU-31	CRU-QC	LOG-21
	PUL-32m	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-AA23	ME-ICP41

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Axiom Group
Geologist: D. Engdahl
Project: Hanstone – DOC
Purchase Order:

TSL Report: S58320
Date Received: Aug 26, 2020
Date Reported: Aug 31, 2020
Invoice: 78493

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	6	Reject ~ 95% at -10 mesh (1.70 mm) Pulp ~ 95% at -150 mesh (106 µm)	Crush, Rolls Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size requested ~ 1000 g

Standard Procedure:

Samples for Au, Pt, Pd Fire Assay/ICP (ppb) are weighed at 30 grams.
Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/ICP	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%
Pt	ppb	Fire Assay/ICP	10	3000
Pd	ppb	Fire Assay/ICP	5	3000

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Axiom Group
101 - 3239 Faithfull Ave
Saskatoon, SK S7K 8H4

REPORT No.
S58320

SAMPLE(S) OF

6 Rock/0 Pulp

INVOICE #:78493
P.O.:

D. Engdahl
Hanstone - DOC

	Au ppb	Au g/t	Pt ppb	Pd ppb	File Name
35776	>3000	95.64	<10	<5	S58320
35777	>3000	164.4	<10	<5	S58320
35778	>3000	9.26	<10	<5	S58320
35779	1130		<10	<5	S58320
35780	35		<10	<5	S58320
35781	>3000	50.21	<10	<5	S58320
GS-7E		6.89			S58320

COPIES TO: D. Engdahl, M. Schwab
INVOICE TO: Axiom Group, SK

Aug 31/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58477
Geologist:	T. Fiolleau	Date Received:	Oct 08, 2020
Project:	Doc Project	Date Reported:	Nov 03, 2020
Purchase Order:	Hanstone2	Invoice:	78664

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	3	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 3 Rock / 0 Pulp

Report No: S58477
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
A0867951	1.5	1.76	63.2	516.5	<20	155	43.5	0.2	0.3	29.5	83	318.1	15.59	5	<0.01	0.77	2	0.56	9288	3.5	0.006	18.8	0.052
A0867952	4.5	0.61	38.7	377.5	<20	27	13.1	0.04	1.1	22.7	263	563.6	12.78	2	<0.01	0.3	2	0.12	766	7.6	0.006	23.3	0.043
A0862955	72.2	0.83	0.9	1872.8	<20	12	0.2	1.04	7.2	48.7	345	>10000.0	16.3	2	0.03	0.53	<1	1.1	484	0.4	0.005	206.2	0.031
STD DS11	1.6	1.1	40	57.1	<20	423	11.1	1.01	2.4	13.1	57	142.2	3.08	5	0.25	0.39	17	0.84	988	14.5	0.072	81.3	0.069
STD OREAS262	0.4	1.21	33.8	50.4	<20	243	0.9	2.71	0.5	25.6	42	110.4	3.14	4	0.14	0.29	15	1.14	520	0.6	0.067	60.5	0.037
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 3 Rock / 0 Pulp

Report No: S58477
Date: November 3, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867951	13	1.86	4.2	10.1	0.7	14	0.3	0.4	0.066	0.6	0.4	75	>100.0	67
A0867952	782.1	2	12.2	2.3	1.9	95	1.9	0.2	0.017	0.2	0.3	28	>100.0	97
A0862955	90.7	>10.00	0.5	3.8	3.2	41	7.9	0.2	0.043	0.4	<0.1	26	2.7	196
STD DS11	140.1	0.27	5.8	3	2.2	66	4.6	7.9	0.086	4.9	2.5	47	3	341
STD OREAS262	55.2	0.25	2.4	2.9	<0.5	33	0.3	8.5	0.003	0.4	1.1	21	0.2	140
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Hanstone Gold Corp
Geologist: T. Fiolleau
Project: Doc Project
Purchase Order: Hanstone2

TSL Report: S58477
Date Received: Oct 08, 2020
Date Reported: Oct 16, 2020
Invoice: 78664

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	3	Reject ~ 95% at -10 mesh (1.70 mm)	Crush, Rolls Crush, Riffle Split, Pulverize
		Pulp ~ 95% at -150 mesh (106 µm)	
Pulp	0		None

Pulp Size: ~1000 gram

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58477

SAMPLE(S) OF
3 Rock/0 Pulp

INVOICE #:78664
P.O.: Hanstone2

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0867951	.48		S58477
A0867952	.50		S58477
A0862955	2.40	2.47	S58477
GS-7E	6.93		S58477
GS-7E	7.24		S58477

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Oct 16/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Axiom Group	TSL Report:	S58492
Geologist:	T. Fiolleau	Date Received:	Oct 15, 2020
Project:	Sheelah Creek	Date Reported:	Nov 02, 2020
Purchase Order:	OGC	Invoice:	78671

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	9	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

Axoim Group
Attention: T. Fiolleau
Project: Sheelah Creek
Sample: 9 Rock / 0 Pulp

TSL LABORATORIES INC.
2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S58492
Date: November 2, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0867922	0.2	1.87	2.5	2.2	<20	238	0.2	0.52	<0.1	11.8	71	105.7	3.66	7	<0.01	0.88	3	0.73	305	1.2	0.081	5.8	0.098
A0867923	0.3	1.96	1.8	14.8	<20	66	3.6	0.16	<0.1	44.4	30	55.2	7.55	7	<0.01	0.11	<1	1.57	470	6.9	0.04	12.3	0.073
A0867924	1.1	1	0.6	29.6	<20	155	0.3	4.44	1	17.3	99	136.6	3	3	<0.01	0.44	4	1.12	1278	2.3	0.015	48.3	0.068
A0867925	0.1	1.31	1.2	4.1	<20	301	0.1	0.92	<0.1	13.5	51	50.4	3.26	5	<0.01	0.11	5	1.52	383	2.9	0.045	26.1	0.1
A0867926	0.1	0.9	0.7	4.5	<20	117	<0.1	0.83	<0.1	5.8	66	58.9	2.05	3	<0.01	0.21	10	0.51	221	1.3	0.099	10.8	0.085
A0867927	0.9	0.33	10.9	5.5	<20	55	<0.1	0.19	<0.1	7.3	88	12.3	4.55	2	0.03	0.06	7	0.17	76	22.4	0.057	4.4	0.032
A0867928	0.3	1.36	4	4.6	<20	114	0.2	0.34	0.4	3.5	70	32.1	4.93	9	0.01	0.01	8	0.91	360	8.4	0.045	4.1	0.041
A0867929	<0.1	1.34	<0.5	1	<20	58	<0.1	0.28	1.2	2.9	93	10.8	2.77	11	0.02	0.07	13	0.78	392	0.8	0.046	4.3	0.035
A0867930	0.2	0.9	2.1	0.6	<20	17	<0.1	0.27	0.3	3.9	83	30.6	3.76	7	<0.01	0.02	11	0.63	240	8.6	0.048	4.6	0.042
STD OREAS262	0.5	1.21	35.2	57.5	<20	242	0.9	2.84	0.7	26.6	42	107.4	3.16	4	0.16	0.3	16	1.13	535	0.6	0.064	61.1	0.038
STD DS11	1.5	1.01	40.9	52.3	<20	383	10.4	0.96	2	12.9	53	135.4	2.92	4	0.28	0.37	14	0.78	936	12.5	0.066	73.1	0.065
STD OREAS262	0.4	1.07	33.8	62.8	<20	217	0.9	2.73	0.6	26.3	38	106.6	3.11	3	0.14	0.27	12	1.12	504	0.6	0.065	60.7	0.036
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axoim Group
Attention: T. Fiolleau
Project: Sheelah Creek
Sample: 9 Rock / 0 Pulp

Report No: S58492
Date: November 2, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867922	1.9	1.18	<0.1	8.9	1.1	20	<0.2	1.6	0.2	0.3	0.3	103	0.5	48
A0867923	7	0.73	0.3	7.2	2	9	0.5	0.2	0.144	<0.1	0.2	91	0.8	48
A0867924	76.6	0.37	0.7	7.5	<0.5	72	<0.2	0.3	0.041	0.2	0.5	42	0.8	73
A0867925	3.3	0.26	0.1	4.6	0.8	29	<0.2	0.8	0.099	<0.1	0.9	65	1.6	32
A0867926	6.3	<0.05	<0.1	2.9	<0.5	57	<0.2	2.8	0.11	<0.1	1.1	58	0.3	28
A0867927	87.6	3.94	2.8	3.3	2.8	4	<0.2	1.3	0.175	<0.1	0.5	14	0.2	30
A0867928	75.8	1.44	0.6	4.9	1.3	9	<0.2	1.5	0.196	<0.1	0.7	24	0.1	68
A0867929	3.8	<0.05	<0.1	6.1	<0.5	6	<0.2	1.6	0.151	<0.1	0.3	22	0.2	147
A0867930	49.3	1.67	0.5	4.8	1.1	3	<0.2	1.4	0.171	<0.1	0.6	24	0.2	44
STD OREAS262	56.4	0.24	2.9	3.4	<0.5	35	<0.2	10.4	0.003	0.5	1.2	19	<0.1	144
STD DS11	127.1	0.26	7	2.7	2.2	58	4.5	6.7	0.078	4.6	2.2	44	2.6	323
STD OREAS262	49.9	0.25	3.6	2.7	<0.5	33	0.2	7.7	0.002	0.4	1	19	0.1	137
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3
at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Axiom Group
Geologist: T. Fiolleau
Project: Sheelah Creek

TSL Report: S58492
Date Received: Oct 15, 2020
Date Reported: Oct 19, 2020
Invoice: 78671

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	9	Reject ~ 70% at –10 mesh (1.70 mm) Pulp ~ 95% at –150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size requested ~ 250 g

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams.
Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	1000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 - 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Axiom Group
101 - 3239 Faithfull Ave
Saskatoon, SK S7K 8H4

REPORT No.
S58492

SAMPLE(S) OF
9 Rock/0 Pulp

INVOICE #:78671
P.O.: OGC

T. Fiolleau
Sheelah Creek

	Au ppb	File Name
A0867922	10	S58492
A0867923	25	S58492
A0867924	25	S58492
A0867925	5	S58492
A0867926	<5	S58492
A0867927	<5	S58492
A0867928	<5	S58492
A0867929	<5	S58492
A0867930	<5	S58492
GS-1P5T	1860	S58492

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Axiom Group, SK

Oct 19/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Hanstone Gold Corp	TSL Report:	S58493
Geologist:	T. Fiolleau	Date Received:	Oct 15, 2020
Project:	Doc Project	Date Reported:	Oct 30, 2020
Purchase Order:	Hanstone5	Invoice:	78676

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	18	Reject ~ 95% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 18 Rock / 0 Pulp

Report No: S58493
Date: October 30, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0862954	99.3	0.12	<0.5	3065.2	<20	168	0.3	0.87	65.4	4.9	148	1963.3	1.83	<1	<0.01	0.1	3	0.22	908	24.6	0.002	19.9	0.032
A0862956	0.3	0.89	0.6	34.1	<20	53	<0.1	3.93	0.8	21.3	27	28.2	7.8	4	<0.01	0.08	1	1.69	1675	0.6	0.043	8.6	0.102
A0862957	0.6	0.07	0.8	31.9	<20	194	<0.1	5.68	0.5	4.5	134	9.8	1.27	<1	<0.01	0.02	2	0.03	983	1.4	0.001	4.7	0.007
A0862958	14.2	0.09	11.4	77	<20	4	8.6	0.15	332.7	96.7	149	>10000.0	8.63	2	0.41	<0.01	<1	0.05	30	9.1	0.005	10.4	0.004
A0862959	>100.0	0.02	1.8	27883.7	<20	186	7.6	0.01	1.6	0.9	169	94.8	1.51	<1	0.06	<0.01	<1	<0.01	25	4.9	0.002	4.6	<0.001
A0862960	0.2	0.54	0.5	5.5	<20	2	0.3	0.34	0.2	36.8	71	155.4	3.02	2	<0.01	<0.01	<1	0.66	199	6.7	0.061	38.1	0.068
A0862961	3.6	1.41	26.3	162.3	<20	123	13.3	0.05	0.1	18.5	114	259.1	6.44	3	<0.01	0.34	2	0.34	579	3.8	0.004	12.4	0.032
A0862962	20.9	0.03	46	2217.4	<20	3	31	<0.01	0.7	15.6	155	120.4	5.66	<1	0.07	<0.01	<1	0.01	122	1.2	0.006	13.3	0.001
A0867931	18.5	0.09	1.4	1176.3	<20	29	0.1	<0.01	0.1	0.8	161	30	0.47	<1	0.01	0.07	<1	0.02	28	9.4	0.002	3.8	0.001
A0867932	>100.0	0.03	1.2	984.3	<20	14	1.6	<0.01	28.3	0.9	187	3695.9	1.08	<1	0.1	0.02	<1	<0.01	20	12	0.003	7.2	0.01
A0867933	4.8	0.13	0.5	285.5	<20	127	0.1	0.8	49.7	7.7	167	331.3	2.56	<1	<0.01	0.11	2	0.4	1028	4.4	0.005	8.7	0.019
A0867934	19.7	0.25	102	59.5	<20	2693	1.3	2.46	11.5	16.8	151	2387.9	2.19	<1	7.45	0.08	2	0.12	469	0.8	0.021	9.4	0.042
A0867935	15.5	3.43	1.3	947.7	<20	58	<0.1	4.1	0.5	44.9	335	26.6	7.23	9	0.06	0.13	<1	4.74	2061	0.4	0.003	189.5	0.037
A0867936	17.9	0.39	<0.5	363.3	<20	152	1.3	0.42	36.9	15.9	100	354.5	4.25	1	0.05	0.28	3	0.19	1049	48.3	0.005	11.6	0.111
A0867937	2.3	2.51	0.5	160.1	<20	159	<0.1	3.16	2.3	36.7	194	123.6	5.19	7	0.01	1.67	<1	4.28	1527	1.3	0.009	134.3	0.067
A0867938	2.9	0.97	0.7	210.7	<20	97	<0.1	0.62	0.7	19.5	86	163.4	4.28	3	<0.01	0.25	2	0.69	613	5.2	0.006	8.3	0.076
A0867938 Re	2.9	0.99	0.7	196.2	<20	100	<0.1	0.6	0.7	19.4	89	160.5	4.27	3	<0.01	0.26	2	0.67	601	5.4	0.007	8.1	0.077
A0867939	8.7	0.51	1.6	383.2	<20	49	<0.1	2.6	8.6	10.3	136	198.1	2.73	1	<0.01	0.11	2	1.06	1125	6.3	0.009	10.6	0.033
A0867940	0.8	0.35	17.9	<0.5	<20	55	<0.1	12.37	7.8	25.4	143	57.1	3.19	<1	0.13	0.14	3	1.84	998	15	0.003	246.1	0.089
STD DS11	1.8	1.1	43.3	76.1	<20	402	11.4	1.01	2.3	13.1	57	140.5	2.94	5	0.27	0.39	17	0.8	981	13.5	0.07	76.2	0.071
STD OREAS262	0.4	1.17	35	66.3	<20	241	0.9	2.81	0.6	26.1	40	106.5	3.1	4	0.16	0.3	16	1.11	507	0.5	0.065	60.5	0.038
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Hanstone Gold Corp
Attention: T. Fiolleau
Project: Doc Project
Sample: 18 Rock / 0 Pulp

Report No: S58493
Date: October 30, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0862954	>10000.0	2.03	25.2	3.4	0.9	372	39	0.4	<0.001	<0.1	0.1	6	>100.0	840
A0862956	11.1	0.53	<0.1	19.3	<0.5	114	<0.2	0.4	0.064	<0.1	0.1	353	0.9	53
A0862957	116	<0.05	<0.1	1	<0.5	7	0.4	0.2	<0.001	<0.1	0.2	15	2.1	25
A0862958	85.2	6.25	0.3	0.4	>100.0	2	6.8	0.4	0.007	<0.1	0.1	7	1.4	>10000
A0862959	>10000.0	1.01	20.3	<0.1	13	15	63.9	<0.1	<0.001	<0.1	0.1	1	8.1	25
A0862960	17.1	1.41	<0.1	2.2	2.3	3	0.2	1	0.091	<0.1	0.8	50	<0.1	25
A0862961	207.3	2.83	4.4	4.6	0.7	3	0.6	0.7	0.044	0.2	0.2	33	1.3	36
A0862962	95.3	4.43	31.1	0.6	1.1	<1	0.7	<0.1	0.002	<0.1	<0.1	2	0.3	36
A0867931	214	0.08	9.1	0.2	<0.5	1	10.8	<0.1	<0.001	<0.1	<0.1	3	9	7
A0867932	>10000.0	1.36	53.1	0.2	12.1	3	30	0.6	<0.001	<0.1	<0.1	2	10.7	279
A0867933	1740	1.83	2.3	2.2	0.8	54	2.5	0.3	<0.001	<0.1	<0.1	6	85.4	177
A0867934	67.7	0.3	962.2	5.4	1.2	178	1.9	0.3	0.003	<0.1	<0.1	16	0.7	374
A0867935	56.3	3.3	0.3	9.1	<0.5	107	8.5	0.3	0.004	<0.1	<0.1	91	0.3	182
A0867936	7971	2.86	3.8	2.3	4.7	26	6.9	0.7	0.002	<0.1	0.1	13	3.1	311
A0867937	22	3.06	1.7	6.8	<0.5	93	1.5	0.2	0.039	2	0.2	64	1.3	186
A0867938	109.7	1.66	0.6	2.8	0.8	18	1.4	0.6	0.002	<0.1	0.3	27	>100.0	71
A0867938 Re	108	1.65	0.5	2.7	0.8	18	1.6	0.7	0.002	<0.1	0.3	27	>100.0	73
A0867939	260.1	0.62	6.5	4.3	<0.5	101	6.4	0.2	0.002	<0.1	<0.1	19	19.3	180
A0867940	195.1	0.23	0.7	5.9	4.4	341	<0.2	0.4	<0.001	<0.1	1.3	74	2.9	275
STD DS11	131.5	0.26	7.7	2.9	2.4	65	4.4	7.5	0.087	4.9	2.4	44	3.3	333
STD OREAS262	51.7	0.24	3.3	3.2	<0.5	33	<0.2	8.2	0.003	0.4	1.1	19	0.1	144
BLK	0.2	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Hanstone Gold Corp
Geologist: T. Fiolleau
Project: Doc Project

TSL Report: S58493
Date Received: Oct 15, 2020
Date Reported: Oct 20, 2020
Invoice: 78676

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	18	Reject ~ 70% at –10 mesh (1.70 mm) Pulp ~ 95% at –150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size requested ~ 250 g

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58493

SAMPLE(S) OF
18 Rock/0 Pulp

INVOICE #:78676
P.O.: Hanstone5

T. Fiolleau
Doc Project

	Au g/t	Au1 g/t	File Name
A0862954	2.70	2.55	S58493
A0862956	0.06		S58493
A0862957	0.03		S58493
A0862958	0.09		S58493
A0862959	24.21	23.63	S58493
A0862960	<.03		S58493
A0862961	0.24		S58493
A0862962	2.73	2.84	S58493
A0867931	1.32		S58493
A0867932	1.92		S58493
A0867933	0.33		S58493
A0867934	0.09		S58493
A0867935	0.99		S58493
A0867936	0.42		S58493
A0867937	0.18		S58493
A0867938	0.27		S58493
A0867939	0.54		S58493
A0867940	<.03		S58493
GS-7E	7.20		S58493

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Oct 20/20

SIGNED

Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Axiom Group	TSL Report:	S58499
Geologist:	T. Fiolleau	Date Received:	Oct 20, 2020
Project:	Orogeinic	Date Reported:	Oct 30, 2020
Purchase Order:	20.PRPSL.002OCG	Invoice:	78685

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	5	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: M. Schwab
Project: Orogenic
Sample: 5 Rock / 0 Pulp

Report No: S58499
Date: October 30, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
A0867941	4	0.15	278.3	26948.6	<20	20	19.5	2.34	0.5	30.1	61	9.1	10.81	<1	0.03	0.08	4	0.68	505	9.7	0.044	9.5	0.08
A0867942	41.1	0.09	6.8	1897.4	<20	15	4.9	0.43	1.5	23.5	118	2273.7	16.63	<1	0.03	0.06	<1	0.12	124	3.3	0.005	13.7	0.007
A0867943	>100.0	1.92	<0.5	1043.7	<20	97	>2000.0	3	85.6	24.2	133	261.3	6.35	9	0.03	1.18	3	0.64	372	>2000.0	0.667	8.8	0.033
A0867944	0.7	0.38	150.4	2349.4	<20	59	5.9	4.63	0.4	59.5	36	16.8	10.91	1	<0.01	0.22	1	2.09	1553	2.4	0.019	16	0.078
A0867945	>100.0	0.57	<0.5	578.8	61	36	>2000.0	2.45	153.5	83.6	163	273.6	14.4	2	<0.01	0.48	<1	0.06	126	1285.3	0.139	8.3	0.001
STD DS11	1.8	1.1	43.3	76.1	<20	402	11.4	1.01	2.3	13.1	57	140.5	2.94	5	0.27	0.39	17	0.8	981	13.5	0.07	76.2	0.071
STD OREAS262	0.4	1.17	35	66.3	<20	241	0.9	2.81	0.6	26.1	40	106.5	3.1	4	0.16	0.3	16	1.11	507	0.5	0.065	60.5	0.038
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Axiom Group
Attention: M. Schwab
Project: Orogenic
Sample: 5 Rock / 0 Pulp

Report No: S58499
Date: October 30, 2020

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
A0867941	54.2	9.82	0.4	4.1	2.7	152	0.9	0.8	0.003	<0.1	0.5	6	1.9	25
A0867942	198.2	>10.00	62.8	0.4	1.7	23	17.1	<0.1	0.007	<0.1	0.2	<1	6.3	36
A0867943	>10000.0	6.46	28.3	5.8	60.5	108	29.6	1.7	0.148	0.9	5.1	77	1.7	784
A0867944	14.1	3.62	0.6	12.1	1.8	287	0.2	0.3	0.013	<0.1	0.2	31	3.5	49
A0867945	>10000.0	>10.00	37.6	1.7	>100.0	43	55.6	0.8	0.01	0.6	3	10	1	1273
STD DS11	131.5	0.26	7.7	2.9	2.4	65	4.4	7.5	0.087	4.9	2.4	44	3.3	333
STD OREAS262	51.7	0.24	3.3	3.2	<0.5	33	<0.2	8.2	0.003	0.4	1.1	19	0.1	144
BLK	0.2	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<1	<0.1	<1

A 0.5 g sample is digested with 3:1 HCl-HNO3 at 95C for 1 hour and diluted with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Hanstone Gold Corp
Geologist: T. Fiolleau
Project: Doc Project
Purchase Order: Hanstone5

TSL Report: S58546
Date Received: Oct 30, 2020
Date Reported: Nov 12, 2020
Invoice: 78759

Remarks: Original Report S58493

Sample Type:	Number	Sample Preparation
Rock Pulp	3	None

Standard Procedure:

Samples for Ag (g/tonne) are weighed at 0.5 gram.
Samples for Base Metals (%) are weighed at 0.5 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Ag	g/tonne	HNO3-HF-HCl04-HCl/AA	1	1000
Cu	%	HNO3-HF-HCl04-HCl/AA	<.01	80

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Hanstone Gold Corp
3479 Applewood Drive
Abbotsford, BC V3G 3E1

REPORT No.
S58546

SAMPLE(S) OF

5 Rock/Pulp

INVOICE #:78759
P.O.: Hanstone5

T. Fiolleau
Doc Project

Original Report S58493. Assay on over-range values from ICP-MS

	Ag g/t	Cu %	File Name
A0862958		1.43	S58546
A0862959	211.3		S58546
A0867932	141.6		S58546
ME-8	62.7	.10	S58546
ME-1411	45.8	1.49	S58546
ME-1605	273.0		S58546

COPIES TO: T. Fiolleau, etc.
INVOICE TO: Hanstone - BC

Nov 12/20

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Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street • Saskatoon, SK • S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: Axiom Group
Geologist: T. Fiolleau
Project: Orogenic
Purchase Order: 20.PRPSL.0020CG

TSL Report: S58547
Date Received: Oct 30, 2020
Date Reported: Nov 12, 2020
Invoice: 78760

Remarks: Original Report S58499

Sample Type:	Number	Sample Preparation
Rock Pulp	2	None

Standard Procedure:

Samples for Ag (g/tonne) are weighed at 0.5 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Ag	g/tonne	HNO3-HF-HCl04-HCl/AA	1	1000

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Axiom Group
101 - 3239 Faithfull Ave
Saskatoon, SK S7K 8H4

REPORT No.
S58547

SAMPLE(S) OF
2 Rock/Pulp

INVOICE #:78760
P.O.: 20.PRPSL.002OCG

T. Fiolleau
Orogenic

Original Report S58499. Assay on over-range values from ICP-MS

	Ag g/t	File Name
A0867943	257.8	S58547
A0867945	542.9	S58547
ME-8	62.7	S58547
ME-1411	45.8	S58547
ME-1605	273.0	S58547

COPIES TO: M. Schwab, etc.
INVOICE TO: Axiom Group, SK

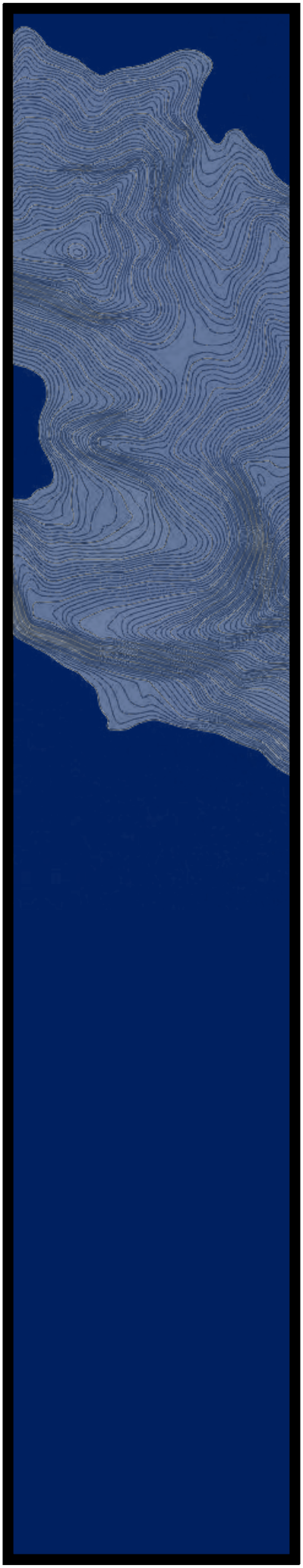
Nov 12/20

SIGNED

Mark Acres - Quality Assurance

UAV Magnetic Survey

Doc and Quinn Eskay Project Areas
British Columbia, Canada



Prepared for:
Hanstone Gold Corp.

Attention To: Raymond Marks
Suite 600 - 890 West Pender Street
Vancouver, BC, Canada
V6C 1K4

Prepared By:
Axiom Exploration Group Ltd.

Suite 101 - 3239 Faithfull Avenue
Saskatoon, SK, Canada

Project # 20.5041.HSG

Jan 28, 2021

Peter Dueck, MBA., P.Geo.
Andrew Yubeta, B.Sc., G.I.T.
Tanya Coetzee, B.Sc., G.I.T.

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1. INTRODUCTION

From December 5th to December 15th, 2020 Axiom Exploration Group Ltd. ('Axiom') carried out an unmanned aerial vehicle (UAV) magnetic geophysical survey over the Doc and Quinn Eskay Project Areas in British Columbia, Canada. The magnetic survey consisted of 62.3 line-kms on the Doc project and 14.5 line-kms on the Quinn Eskay project. Both surveys were complete with a traverse line spacing of 50 m and tie line spacing of 500 m.

The magnetometer UAV system consists of a single GSMP-35UC high precision potassium vapor magnetometer slung from a DJI M600 Pro UAV platform. The magnetometer was towed with a 16.4' cable to ensure adequate separation between the UAV and the magnetometer.

Quality control and quality assurance were completed daily during the acquisition phase to ensure all field data collected was at a high standard. Final processing and leveling were completed post acquisition.

Final magnetic deliverables from the survey include:

- All raw UAV magnetic data including base station data
- A final leveled dataset
- Map products including:
    - Total Magnetic Intensity (TMI) Map
    - Residual Magnetic Intensity (RMI) Map
    - Analytic Signal (AS) Map
    - First Vertical Derivative (VD1) Map
    - Line Path Map with Base Stations Locations

The survey report describes the procedures for data acquisition, processing, equipment used, final image presentation and the specifications for the digital data set.

1.1. LOCATION & ACCESS

The general location area is in the northern region of the province of British Columbia, Canada (Figure 1). The immediate project area is centered approximately 52km northwest of Smithers, British Columbia. The property was accessed by helicopter due to its remote location (Figure 2).

- NTS Sheet(s): 104B/08

Figure 1: General Location Area[1]

[1] © 2000-2009 Her Majesty the Queen in Right of Canada, Natural Resources Canada

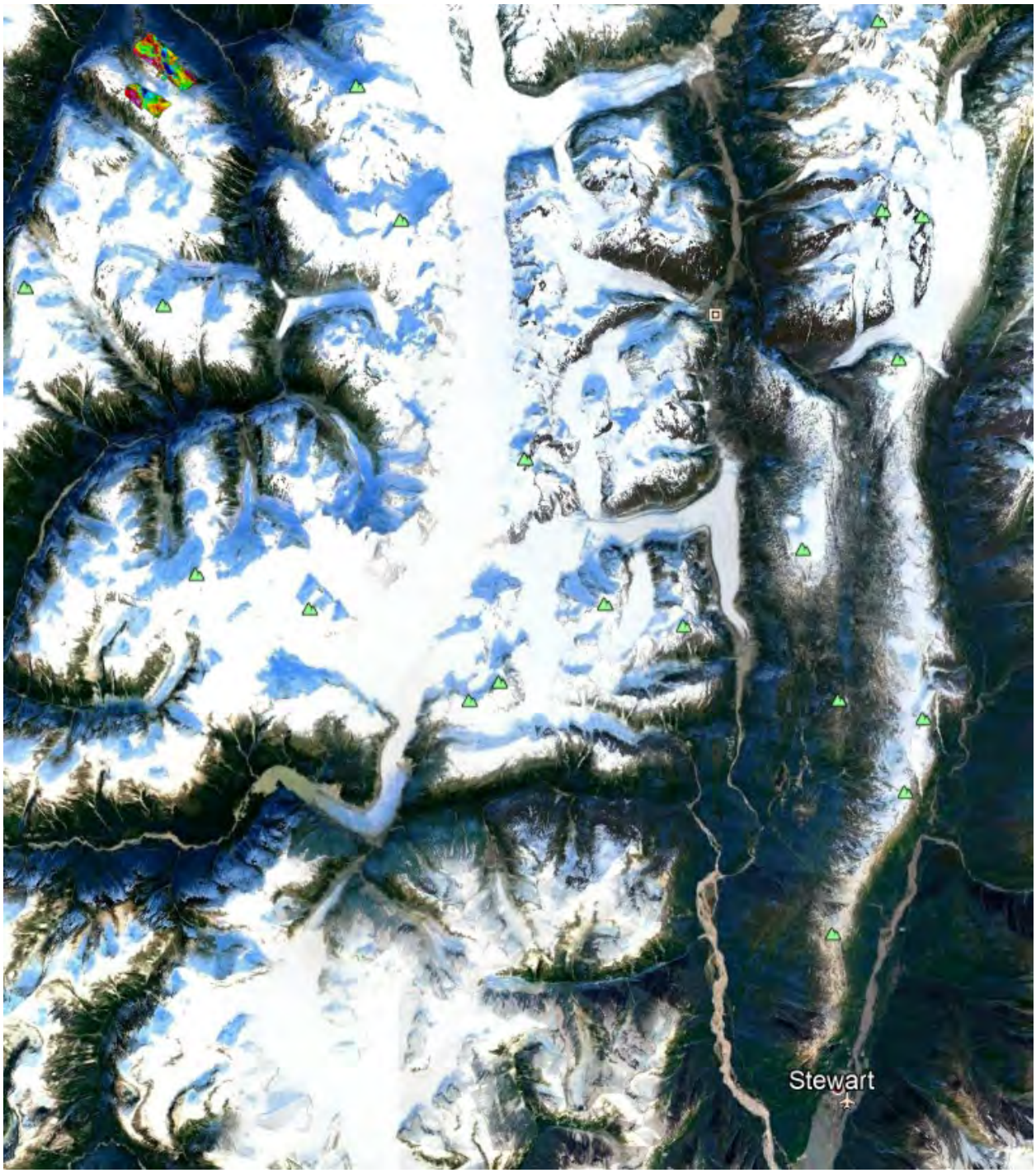


Figure 2: Project Location as shown on Google Earth

2. PROJECT SPECIFICS

Personnel and support staff that were directly involved in this project including the data processing and QA/QC are listed in Table 1.

Table 1: Project Personnel & Support Staff

Pilot In Command (PIC)	Chase Wood
Visual Observer (VO)	Andrew Yubeta
Geophysicist	Peter Dueck
Supporting Staff	Tanya Coetzee

The field crew was stationed at the Hanstone Camp and commuted each day to the survey block by helicopter.

2.1. TOPOGRAPHICAL RELIEF & CULTURAL FEATURES

The main portion of the survey area covered by land has significant topographical relief as shown in Figure 3. For this survey, the Above Ground Level (AGL) mean magnetometer height is 42.36m.

Due to the location and relative isolation of the survey area, no significant cultural noise was seen in the data.

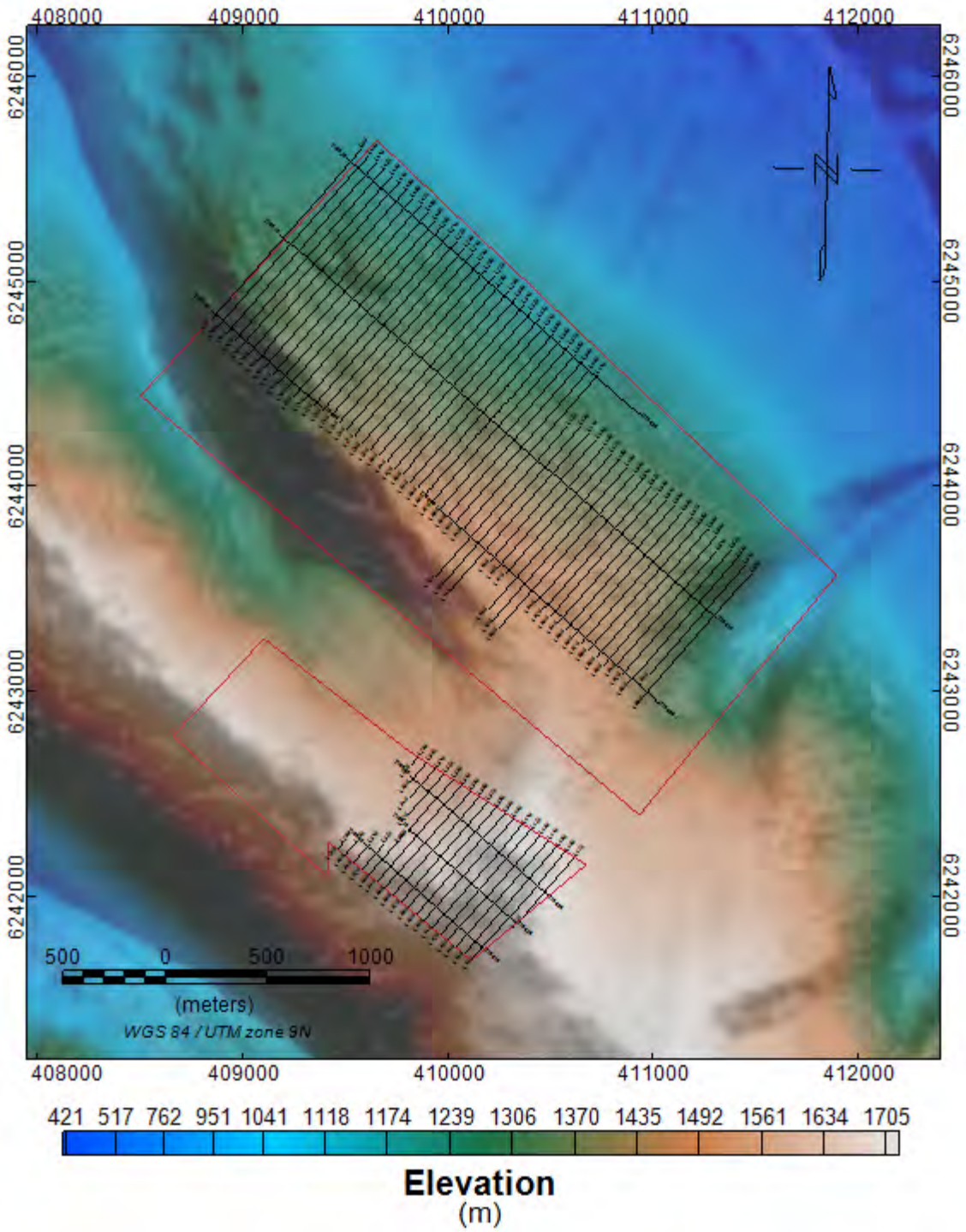


Figure 3: SRTM Topography (1 Arc-Second) over Survey Area

2.2. MAGNETIC SURVEY PARAMETERS

From December 5th to December 15th, 2020 Axiom Exploration Group Ltd. ('Axiom') carried out an unmanned aerial vehicle (UAV) magnetic geophysical survey over the Doc and Quinn Eskay Project Areas in British Columbia, Canada. The magnetic survey consisted of 62.3 line-kms on the Doc project and 14.5 line-kms on the Quinn Eskay project. Both surveys were complete with a traverse line spacing of 50 m and tie line spacing of 500 m.

The UAV system consists of a single GSMP-35UC high precision potassium vapor magnetometer slung from a DJI M600 Pro UAV platform. The magnetometer was towed with a 16.4' cable to ensure adequate separation between the UAV and the magnetometer.

Further survey parameters can be found in Table 2.

Table 2: Survey Parameters

Survey Block	Line Type	Line Spacing (m)	Flight Direction (Degrees)	Actual Line-kms Flown
Doc	Traverse	50	041° - 221°	*55.37*
	Tie	500	131° - 311°	*6.93*
Quinn Eskay	Traverse	50	041° - 221°	*12.13*
	Tie	500	131° - 311°	*2.37*
			Total:	**76.8**

The final survey was defined by the boundary coordinates shown in Table 3.

Table 3: Survey Area Coordinates

Doc Property

WGS84 UTM Zone 9N	
Easting	***Northing***
408496	6244444
409648	6245697
411896	6243566
410931	6242401
408495	6244444

Quinn Eskay Property

WGS84 UTM Zone 9N	
Easting	***Northing***
409417	6242263
409799	6242257
409818	6242709
410672	6242156
410110	6241691

2.3. SURVEY EQUIPMENT

BASE STATION

A single GEM's GSM-19 (Overhauser) magnetometers was used for this survey in their "Base" mode of operations. The magnetometer is equipped with a high-resolution (.07m) integrated GPS. The base station was recording at 3 second intervals and was used to do the final diurnal corrections.

Location information for the base station is included in Table 4, instrument specifications are included in Table 5 and a picture of the final setup is included in Figure 4.

Table 4: Base Station Information

Base Station	Easting (m)	Northing (m)	Coordinate System
#1 - 8062827	409751	6243858	WGS84 UTM Zone 9N

Table 5: Base Station Specifications

Sensitivity	0.022 nT @ 1 reading per sec. 0.05 nT @ 1 reading every 4 sec.	**Gradient Tolerance**	Over 10,000 nT/m
		Dynamic Range	20,000 to 120,000 nT
Resolution	0.01 nT	**Absolute Accuracy**	± 0.1 nT @ 1 Hz

Figure 4: Typical Base station setup

2.4. UAV MAGNETOMETER SYSTEM

The UAV system consists of a single GSMP-35UC high precision potassium vapor magnetometer slung from a DJI M600 Pro UAV platform. The magnetometer was towed with a 16.4' cable to ensure adequate separation between the UAV and the magnetometer. Technical specifications of the GSMP-35U are included in Table 6.

Table 6: GSMP-35U Specifications

Sensitivity	0.0002 nT @ 1 Hz	**Gradient Tolerance**	Over 50,000 nT/m
Heading Error	± 0.05 nT	**Dynamic Range**	15,000 to 120,000 nT
Resolution	0.001 nT	**Absolute Accuracy**	± 0.1 nT @ 1 Hz

The UAV magnetometer configuration includes a GPS for recording measurement location, laser altimeter for recording measurement height and an Inertial Measurement Unit (IMU) for recording the roll, pitch and yaw of the unit in flight. The sensor was set to record at a rate of 10 Hz.

Figure 5: UAV Magnetometer System Configuration

2.5. MAGNETIC SURVEY AIRCRAFT

The M600 is a fully integrated aerial platform designed for professional film making and industrial application. The on-board A3 flight controller ensures reliable flight performance while the E2000 Pro propulsion system effectively increases payload. Multiple expansion ports guarantee maximized compatibility with add-on devices. The M600 also integrates the Lightbridge 2 transmission system, bringing live HD view and the ability to communicate directly gimbals such as the Ronin-MX.

The M600 Pro has an extended flight time and a 5km long-range transmission. A comprehensive battery management system means that if any of its six Intelligent Batteries are turned on or off, the rest will follow suit. The battery management system monitors every battery during flight, ensuring safe landing in the event of single battery failure. Compared to traditional non-intelligent batteries, the M600 Pro's battery management system simplifies maintenance while enhancing security.

Additional specifications for the M600 Pro are shown below in Table 7.

Table 7: UAV Specifications

Aircraft Type	Hexacopter
Dimensions	1668 mm × 1518 mm × 727 mm with propellers, frame arms and GPS mount unfolded (including landing gear)
Hovering Accuracy	Vertical: ±0.5 m, Horizontal: ±1.5 m
Survey Speed	8 m/s (Terrain Dependent)
Flight Control System	A3 Pro
Propulsion System	Motor Model: DJI 6010; Propeller Model: DJI 2170R

3. MAGNETIC DATA PROCESSING

In general, all typical magnetic QA/QC and data processing techniques have been applied to the data. All post-field data processing was carried out using Geosoft Oasis Montaj and Microsoft Excel software/ programing languages. Presentation of final maps used QGIS and/or Geosoft's Oasis Montaj. Results were gridded using minimum curvature method and a grid cell size of approximately 1/3 of flight line spacing.

The geophysical images accompanying this report are positioned using the WGS 1984 Datum. The survey geodetic GPS positions have been projected to map using the Universal Transverse Mercator (UTM) projection.

The magnetic data was first quality checked in the field and any points lacking sufficient georeferenced data or which were excessively noisy were removed. The resulting data was processed as mosaics throughout the survey area as data was collected daily. A combination of all data formed the finalized results including lines that were re-flown due to weak, noisy, or insufficient magnetic signal. The corrected profile data were interpolated into a grid using the minimum curvature technique with a grid size of approximately 1/3 of flight line spacing. All final maps have a normalized color interval.

The base station readings were initially processed and filtered to remove sudden spikes. The filtered data were then used for diurnal correction. This correction removes all time-varying magnetic errors related to the diurnal variation of the earth's magnetic field.

Lag error results when the survey positioning system location is significantly different from the physical sensor location. A lag correction simply adjusts the time base of the physical readings to match the positioning data. Because the GPS is located directly on the UAV, only a minor lag correction needs to be applied (typically 1-2 fiducials).

Heading errors are related to the magnetic field of the survey platform, which varies as a function of survey direction. A heading correction corrects data for systematic shifts in the data that change with the survey direction. Due to the low heading error of the GSMP-35U magnetometers, heading biases were negligible. For this reason, no heading correction needed to be applied

After finishing interpolation, initial processing may subject the data to a non-linear filter with a wavelength limit of 3-4 fiducials and tolerance of 0.001. This filter removes extra high frequency features which mostly occur because the sensor is in the dead zone. This usually occurs due to sudden changes in sensor orientation, effect of ferro-metallic objects, or the influence of weather conditions on the sensor. This filter smooths out noise and high frequency features. This filtering is only applied if required.

After leveling the data using the tie lines, to mitigate the corrugation effect associated with gaps between the data lines, the data was micro-leveled. This task was done by applying a high pass butterworth filter with the threshold of four times the line spacing followed by a directional cosine filter perpendicular to the line direction. The resulted noise channel was then subtracted from the leveled values to microlevel the data. All levelling was undertaken using Geosoft's Oasis Montaj software. The finalized result of the leveling and micro-leveling processes is the final deliverable that should be used for any interpretation or integration techniques moving forward.

4. MAGNETIC MAPS & DERIVED DATA PRODUCTS

4.1. TOTAL MAGNETIC FIELD

Based on the flight lines of the drone, the total magnetic field map grid was created by interpolating the filtered magnetic data. The Total Magnetic Field (TMF) data collected in flight was profiled on screen along with a fourth difference channel calculated from the TMF. Spikes were removed manually where indicated by the fourth difference. The purpose of this map is to highlight geological structures by their magnetic signature or their magnetic contrast with their surroundings.

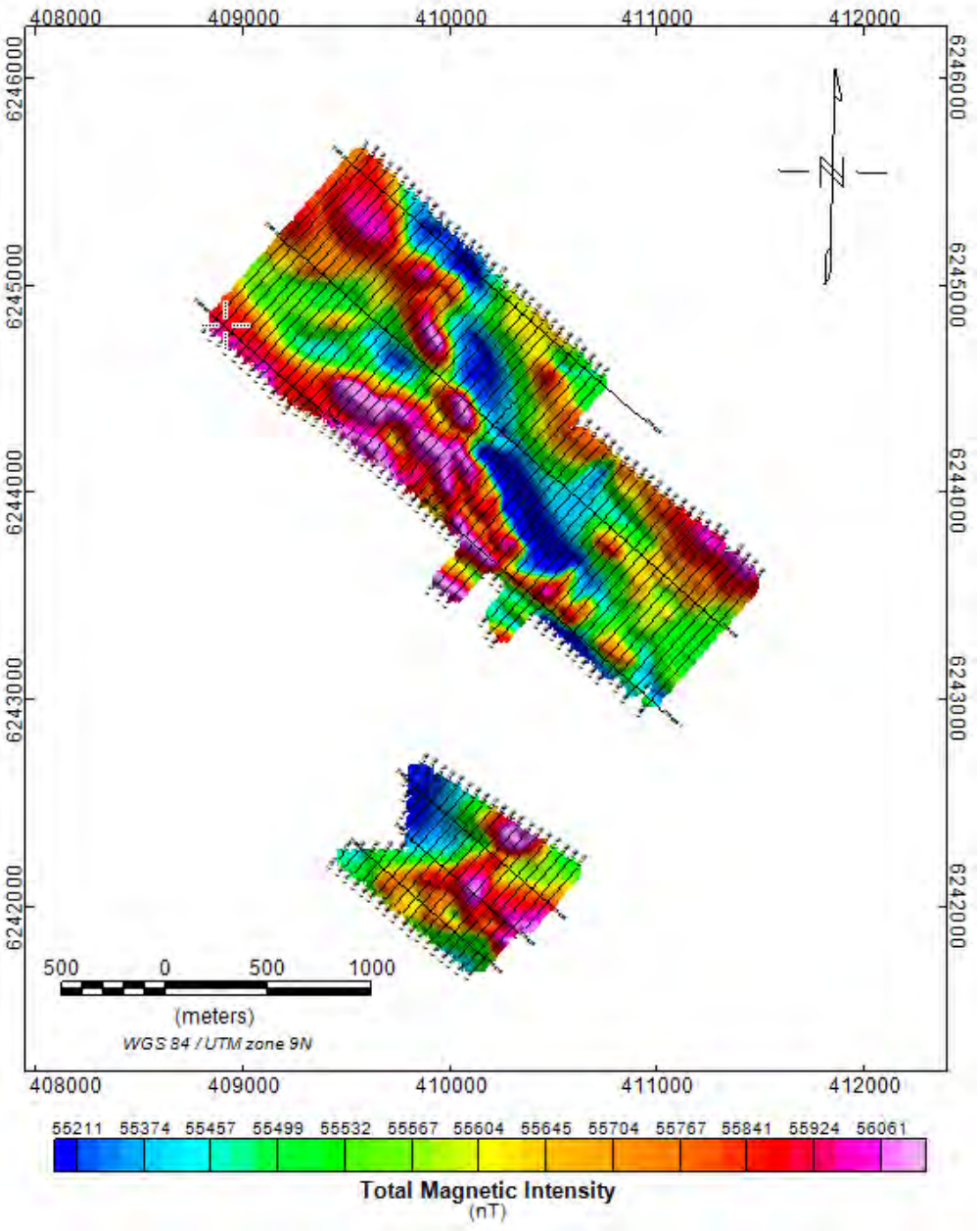


Figure 6: Total Magnetic Intensity (TMI)

4.2. RESIDUAL MAGNETIC INTENSITY

The residual magnetic intensity (RMI) was calculated from the total magnetic field, the diurnal, and the regional magnetic field. The total magnetic field was measured, the diurnal was measured from the ground station and the regional magnetic field was calculated from the International Geomagnetic Reference Field (IGRF 2015). The IGRF is the empirical representation of Earth's magnetic field as a function of time, and in the absence of any crustal or external sources. The model employs the spherical harmonics expansion of the scalar potential in geocentric coordinates. The IGRF model coefficients are based on all available data sources including geomagnetic measurements from observatories, ships, aircrafts and satellites.

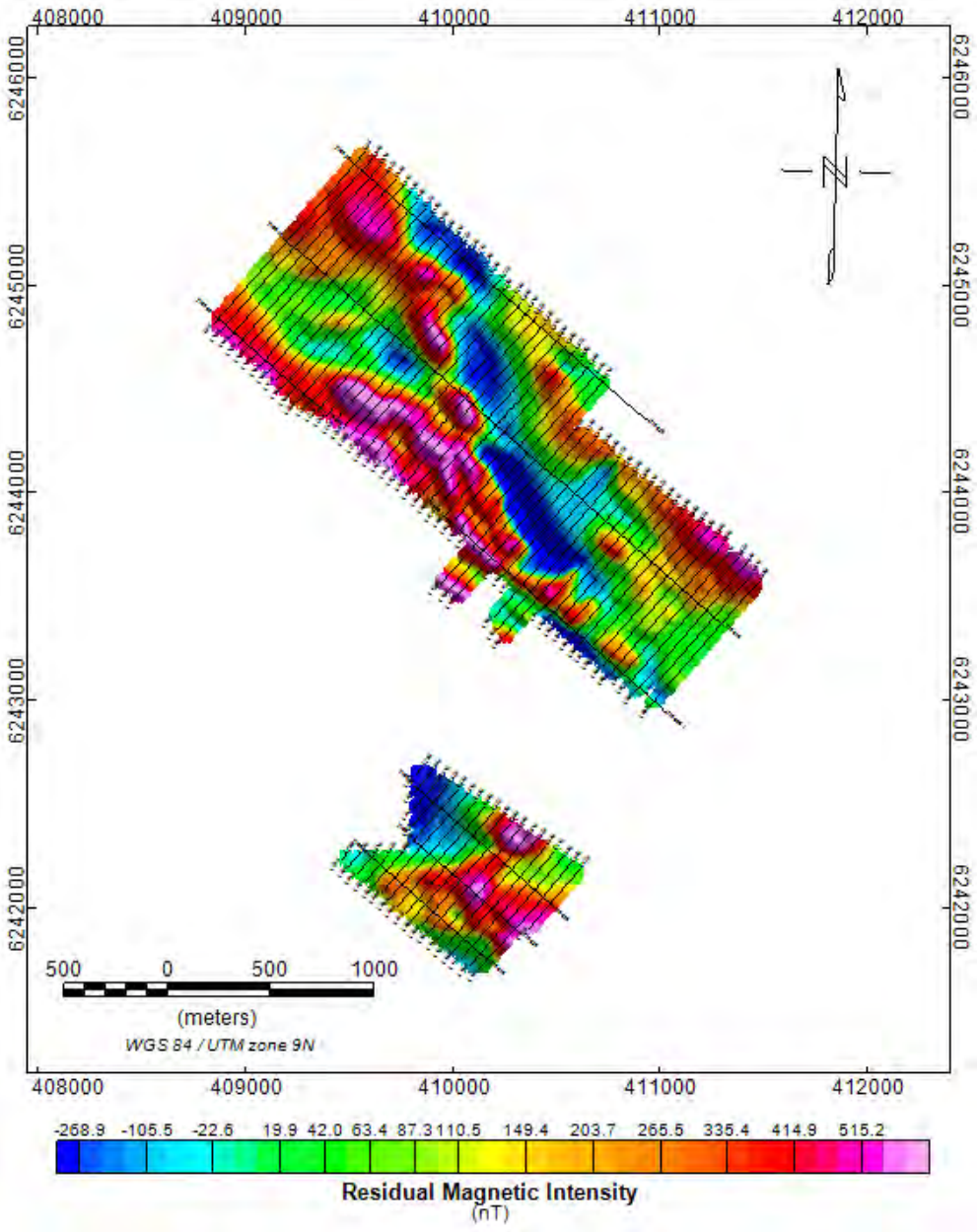


Figure 7: Residual Magnetic Intensity (RMI)

4.3. ANALYTIC SIGNAL

The analytic signal is the square root of the sum of the squares of the derivatives in the x, y, and z directions:

$$Analytical\ Signal = \sqrt{dx * dx + dy * dy + dz * dz}$$

Mapped highs in the calculated analytic signal of the magnetic parameter locate the anomalous source body edges and corners (e.g. contacts, fault/shear zones, etc.). Analytic signal maxima are located directly over faults and contacts, regardless of structural dip, and independently of the direction of the induced and/or remnant magnetizations. The analytic signal is also useful in locating the edges of magnetic source bodies, particularly where remnant magnetic signals and/or low magnetic latitude complicates interpretation.

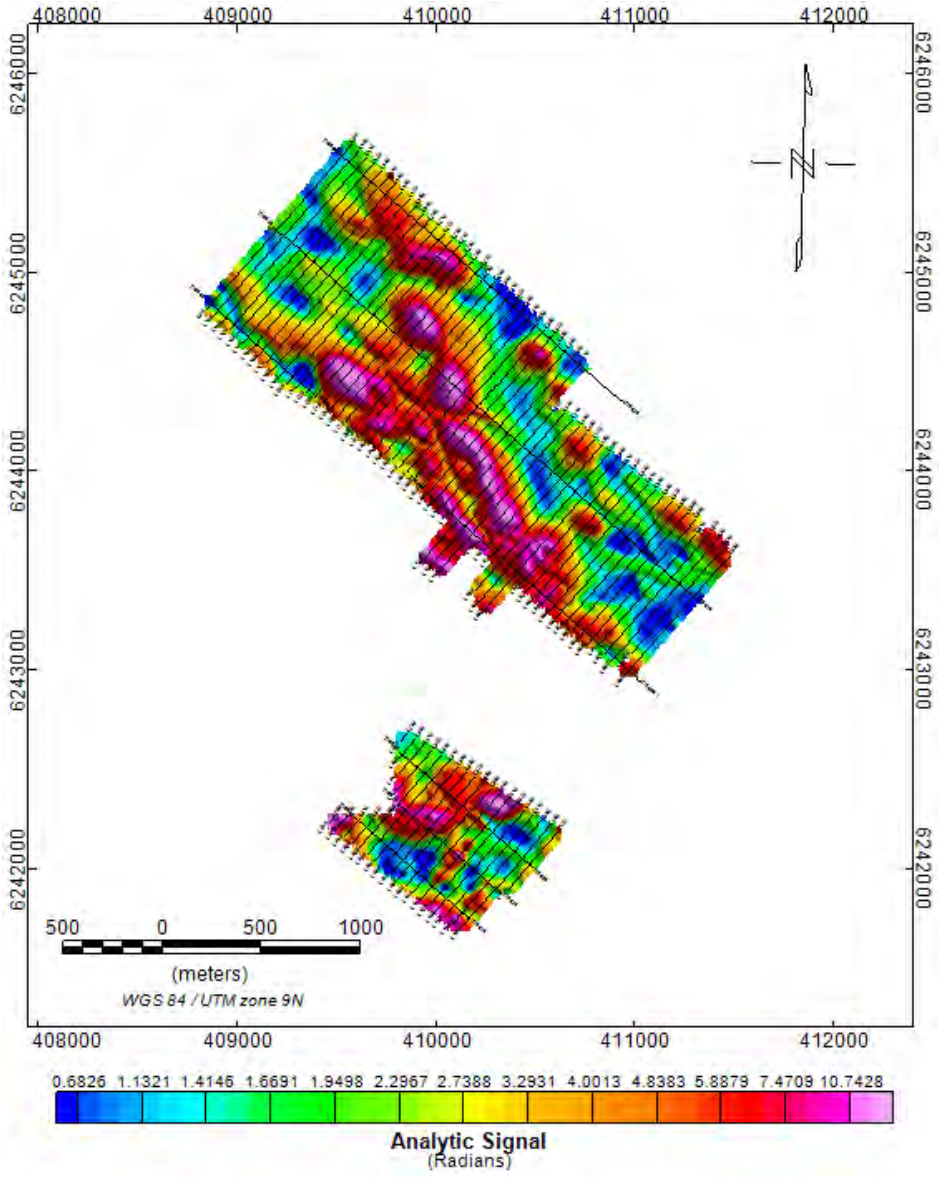


Figure 8: Analytic Signal (AS)

4.4. FIRST VERTICAL DERIVATIVE

The first order vertical derivative quantifies the rate of change of the magnetic field as a function of elevation. It is an approximation of the vertical magnetic gradient, which could be directly measured with separate magnetometers vertically spaced apart. The purpose of this type of filter is to eliminate the long wavelength signatures and make sharp features more detectable, such as the edges of magnetic bodies. This filter also increases the noise level, which limits the use of higher order derivatives (n=2 for example). The vertical derivative is used to delineate the contacts between large-scale magnetic domains because its value is zero over vertical contacts.

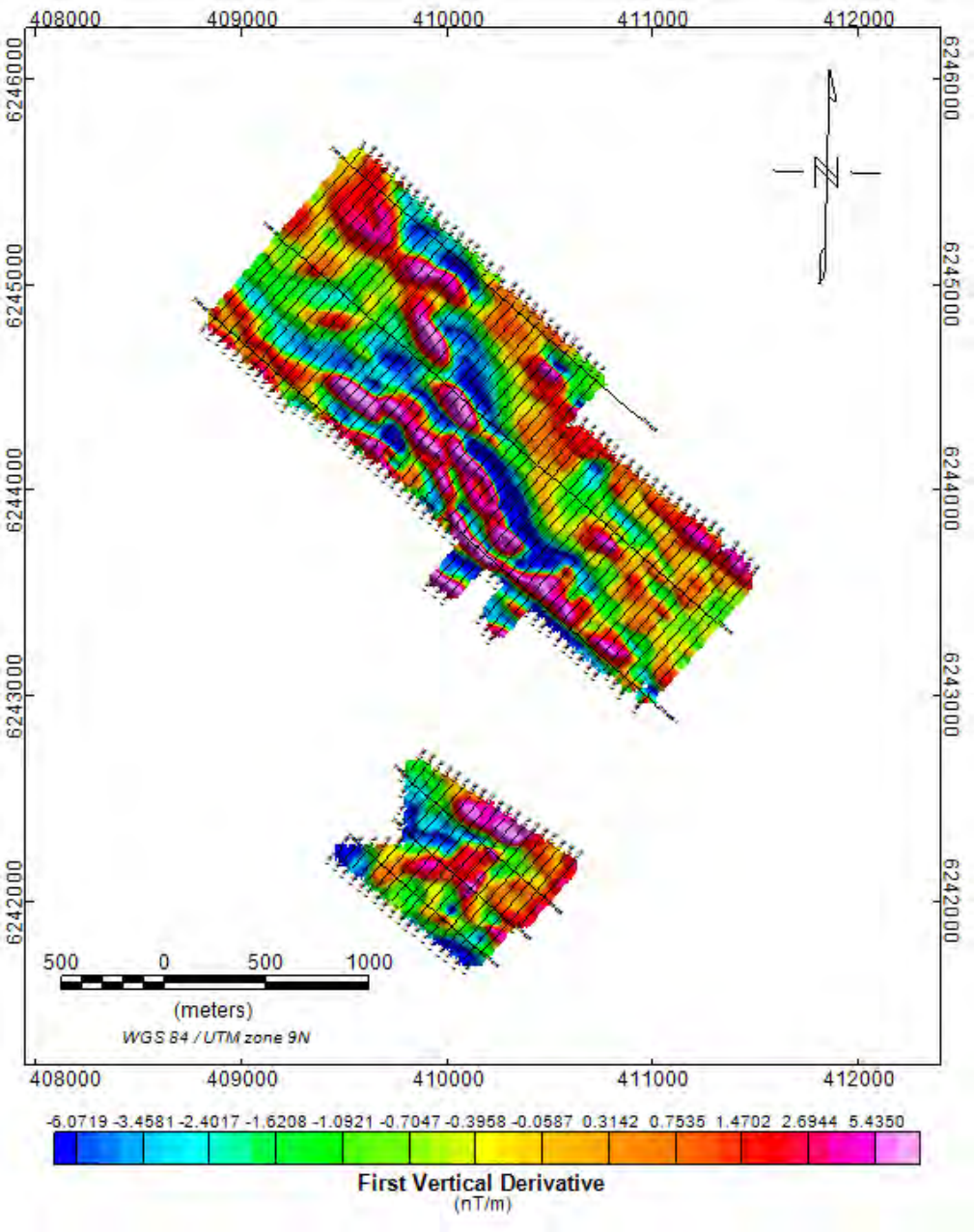


Figure 9: First Vertical Derivative (VD1)

5. MAGNETIC DELIVERABLES

5.1. DATABASE

All data is typically delivered in either Geosoft Database ('GDB') or simple formats such as .txt or csv. The data deliverables are client specific to best suit their needs and software requirements. Regardless of software, a database is supplied to the client with the following channel descriptions:

Table 8: Database Channel Descriptions

Parameter	Description	Unit
utmE	UTM easting (WGS84)	meters
utmN	UTM northing (WGS84)	meters
time	Gnss time stamp	hhmmss.ss
latitude	Latitude (WGS84)	decimal degrees
longitude	Longitude (WGS84)	decimal degrees
sat	Number of locked satellites	Integer
zone	UTM Zone	-
Yaw	IMU yaw reading	Degrees
Pitch	IMU pitch reading	Degrees
Roll	IMU roll reading	Degrees
Base	Raw Base Station Readings	nT
Base_Filt	Low Pass Filtered Base Station	nT
Dist	Distance Between Subsequent Readings	m
IGRF	The total magnetic field corrected by International Geomagnetic Reference Field at GPS altitude	nT
Inc	Inclination of the total field based on International Geomagnetic Reference Field at GPS altitude	Deg
Dec	Declination of the total field based on International Geomagnetic Reference Field at GPS altitude	Deg
nT_Raw	Magnetic field readings (Raw)	nT
nT_Corr	Magnetic field readings (Diurnally Corrected)	nT
nT_Final	Final leveled and micro-leveled data	nT
RMI	Residual Magnetic Intensity Values	nT
AS	Analytic Signal	Radians/m
VD1	1st Vertical derivative	nT/m

5.2. MAGNETIC MAPS (APPENDIX A)

All maps are presented in the coordinate / projection system WGS84 Datum, UTM Zone 13U. A list of maps provided are as follows:

- Total Magnetic Intensity (TMI) Map
- Residual Magnetic Intensity (RMI) Map
- Analytic Signal (AS) Map
- First Vertical Derivative (VD1) Map
- Line Path Map with Base Stations Locations

6. CONCLUSIONS

Axiom Exploration successfully completed an unmanned aerial vehicle magnetic survey in the Doc and Quinn Eskay project area for Hanstone Gold Corp. The survey consisted of a total of 76.8 line-kms flown.

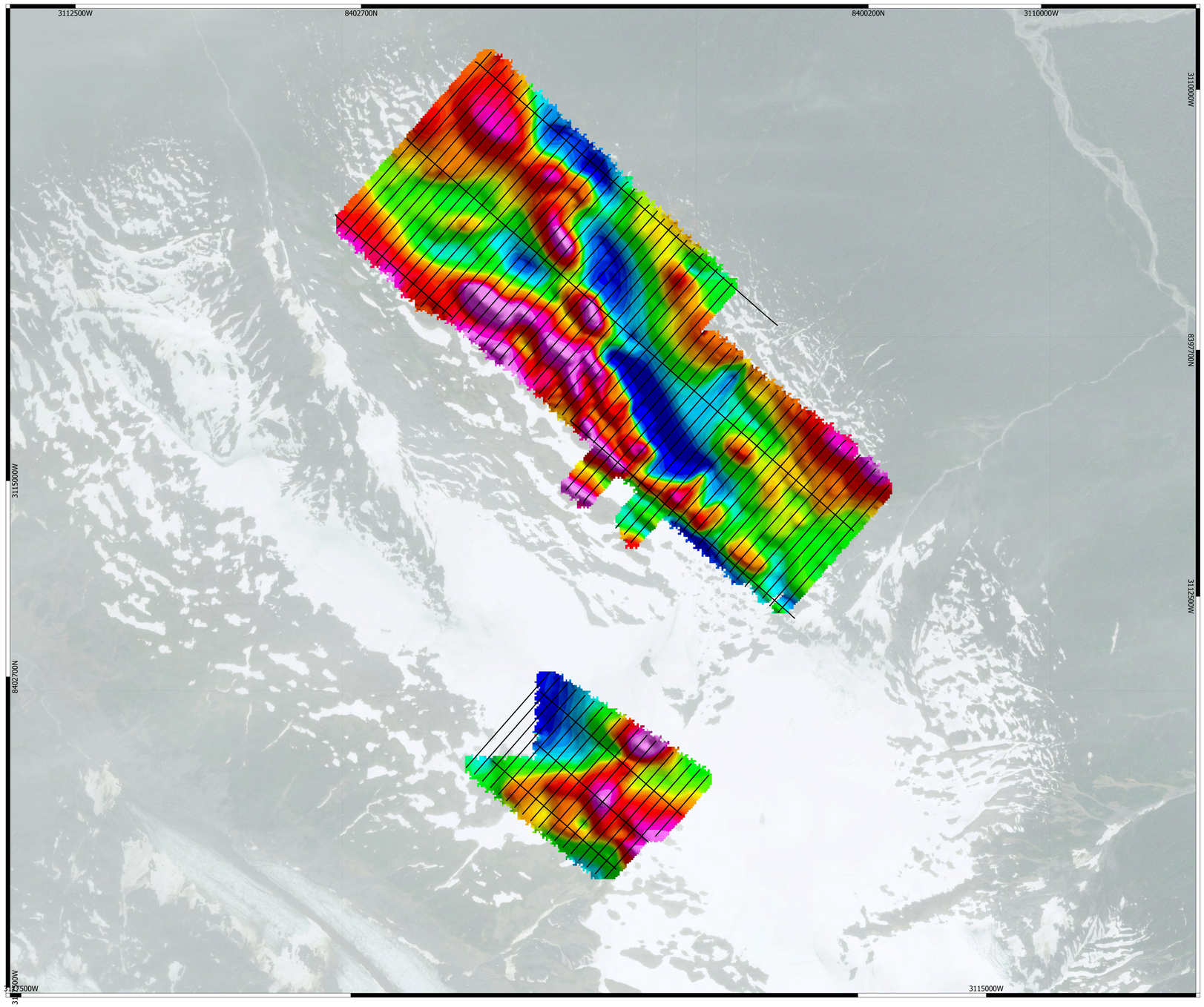
Ultimately, the magnetic data collected was very successful in delineating and defining targets for further investigations. It should be noted that all geophysical interpretations need to be vetted with geology and other relevant information for optimal results.

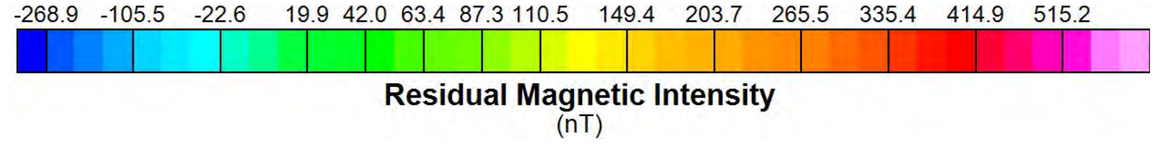
Respectfully submitted,

Peter Dueck, P.Geo.

CBO and Principal Geophysicist
Axiom Exploration

Appendix 1: Final Map Products





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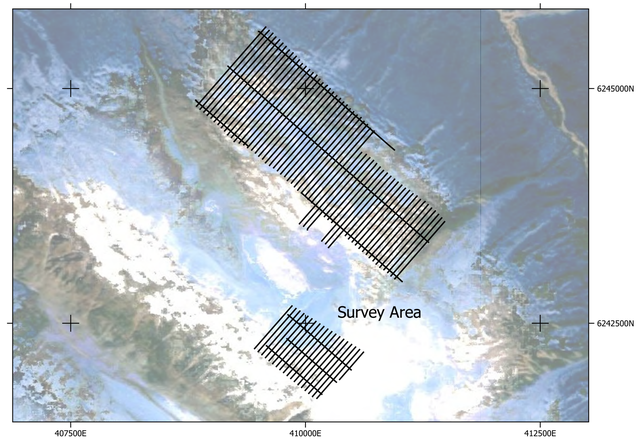
AXIOM GROUP

Project Area



NOTES:

SURVEY
-Date of Survey: September 1st to September 5th, 2020
-Projection: WGS84 UTM Zone 20N
-Survey Type: UAV Based using DJI M600
-Survey Line Spacing and Direction: 50m @ 088-268
-Tie Line Spacing and Direction: 500m @ 178-358

INSTRUMENTS
-Base Magnetometer: GEM GSM-19
-UAV Magnetometer: GEM Systems GSMP-35U

MAPS
- Topographic data was derived from CanVec from Natural Resources Canada (NRCAN)

LEGEND
- Flight Line
- Road
- Trail
- Watercourse
- Waterbodies

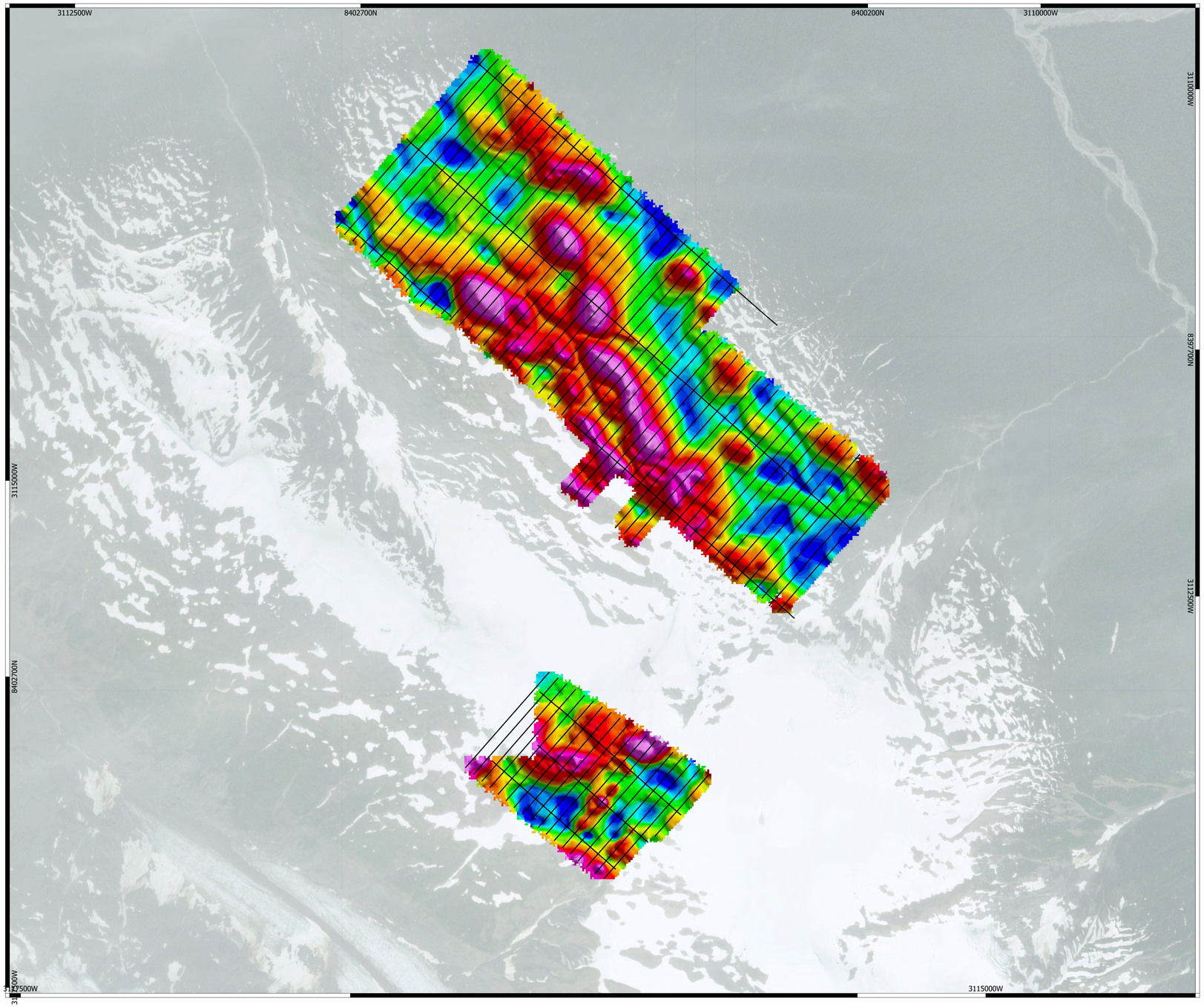
0 500 1000 m

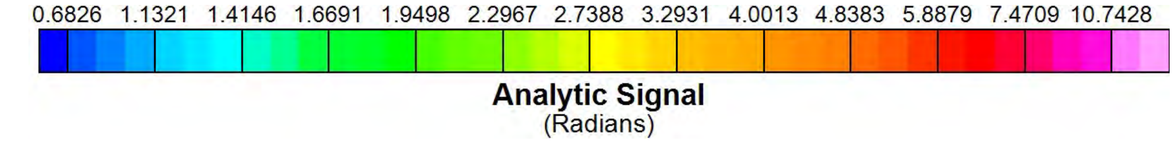
Scale 1 : 10,000

UAV Magnetic Survey
Residual Magnetic Intensity (RMI)

Hanstone
Quinn Eskay & DOC
British Columbia, Canada

Flown and Processed by:
Axiom Group
Date: Januaryr 22, 2020
Job Number: 20.5032.PM





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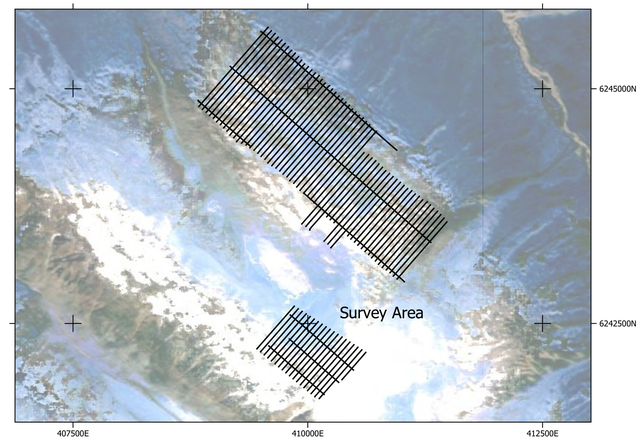
AXIOM GROUP

Project Area



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0 500 1000 m

Scale 1 : 10,000

UAV Magnetic Survey
Analytical Signal (AS)

Hanstone
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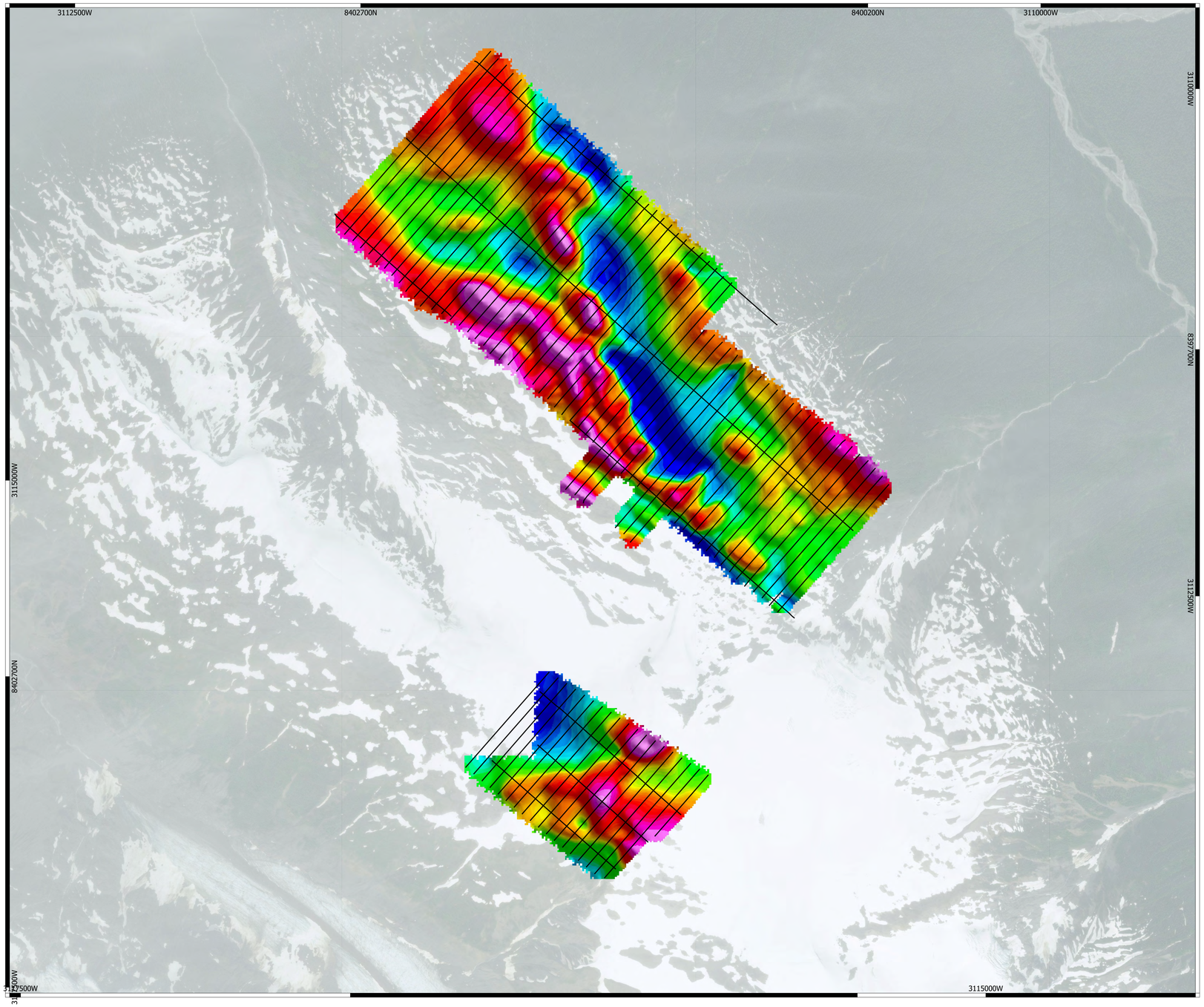

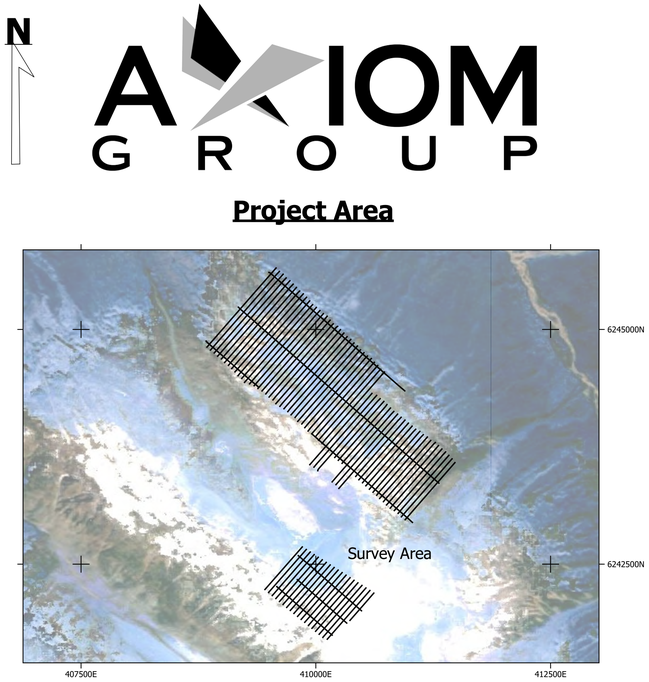

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0 500 1000 m

Scale 1 : 10,000

55211 55374 55457 55499 55532 55567 55604 55645 55704 55767 55841 55924 56061

Total Magnetic Intensity
(nT)

UAV Magnetic Survey
Total Magnetic Intesity (TMI)

Hanstone
Quinn Eskay & DOC
British Columbia, Canada

Flown and Processed by:
Axiom Group
Date: Januaryr 22, 2020
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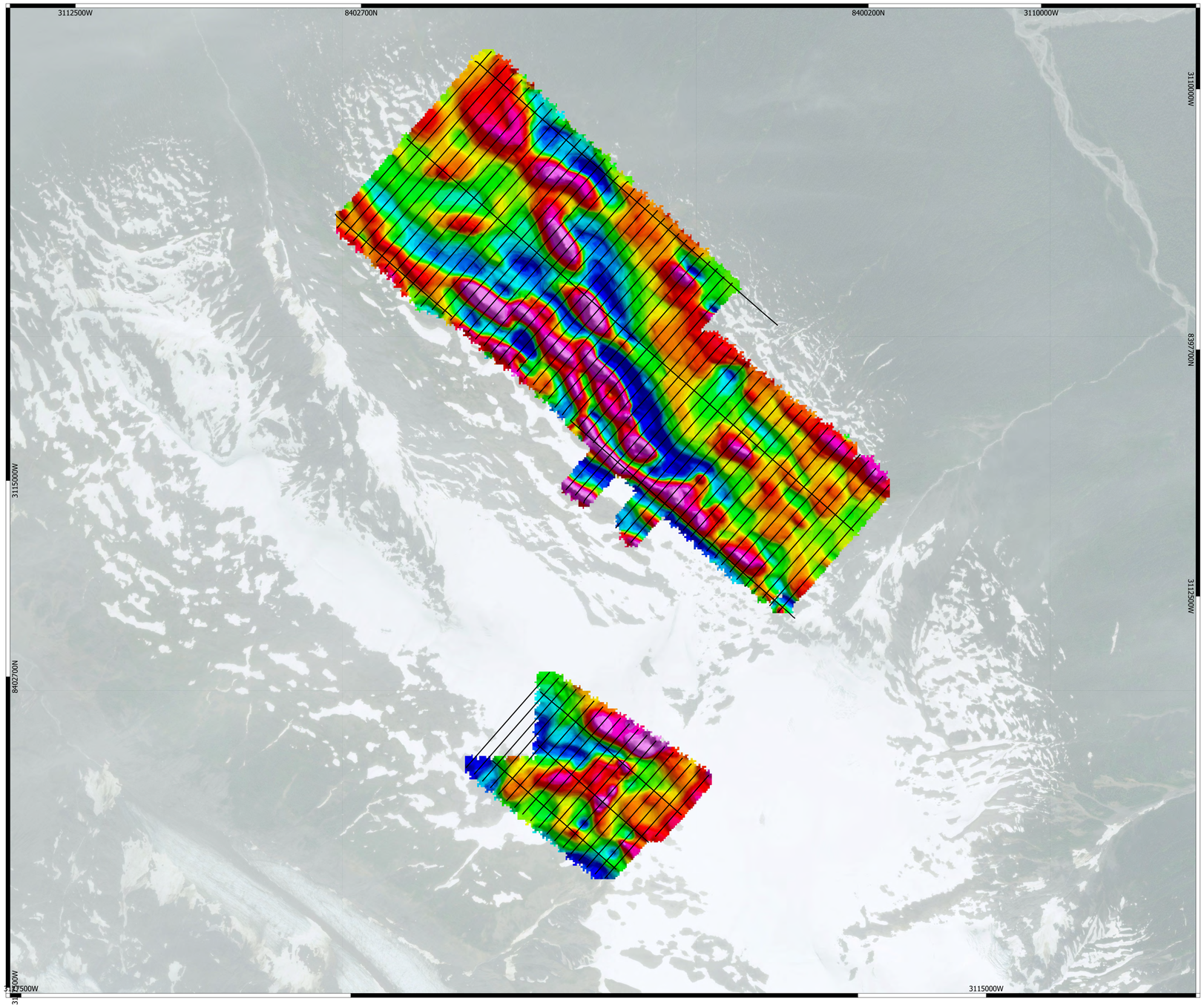

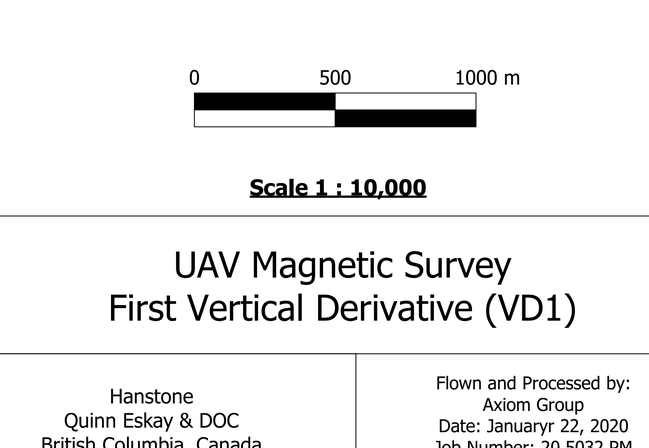

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AXIOM GROUP

Project Area

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0 500 1000 m

Scale 1 : 10,000

-6.0719 -3.4581 -2.4017 -1.6208 -1.0921 -0.7047 -0.3958 -0.0587 0.3142 0.7535 1.4702 2.6944 5.4350

First Vertical Derivative
(nT/m)

UAV Magnetic Survey
First Vertical Derivative (VD1)

Hanstone
Quinn Eskay & DOC
British Columbia, Canada

Flown and Processed by:
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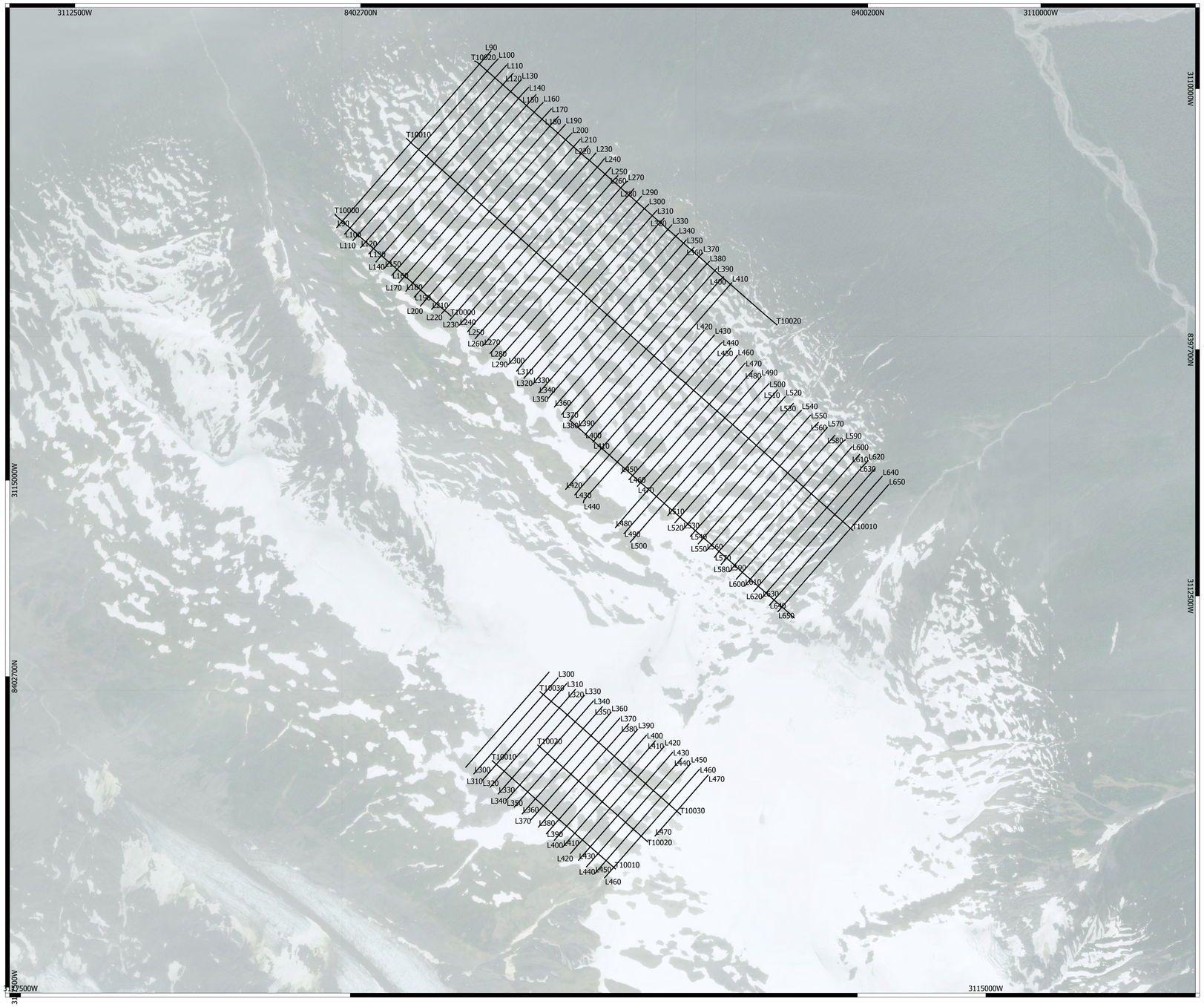

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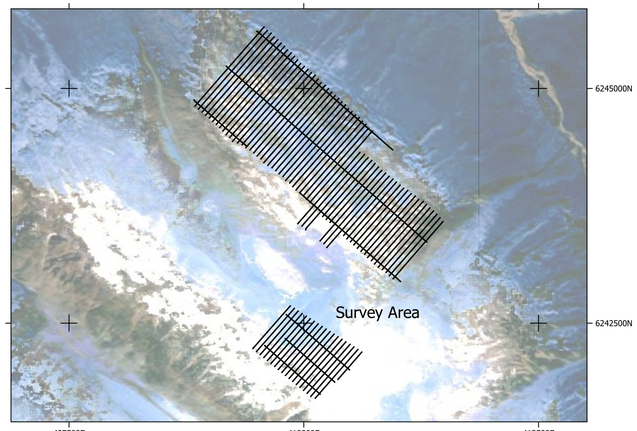
AXIOM GROUP

Project Area



NOTES:

SURVEY
-Date of Survey: September 1st to September 5th, 2020
-Projection: WGS84 UTM Zone 20N
-Survey Type: UAV Based using DJI M600
-Survey Line Spacing and Direction: 50m @ 088-268
-Tie Line Spacing and Direction: 500m @ 178-358

INSTRUMENTS
-Base Magnetometer: GEM GSM-19
-UAV Magnetometer: GEM Systems GSMP-35U

MAPS
- Topographic data was derived from CanVec from Natural Resources Canada (NRCAN)

LEGEND
- Road
- Trail
- Watercourse
- Waterbodies
- Flight Line

0 500 1000 m

Scale 1 : 10,000

UAV Magnetic Survey
Flight Path

Hanstone
Quinn Eskay & DOC
British Columbia, Canada

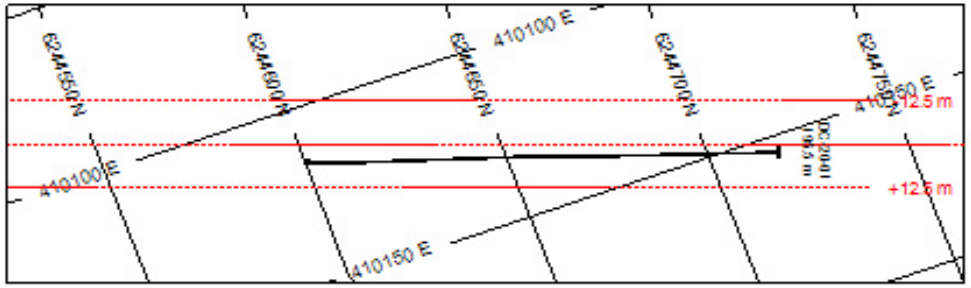
Flown and Processed by:
Axiom Group
Date: Januaryr 22, 2020
Job Number: 20.5032.PM

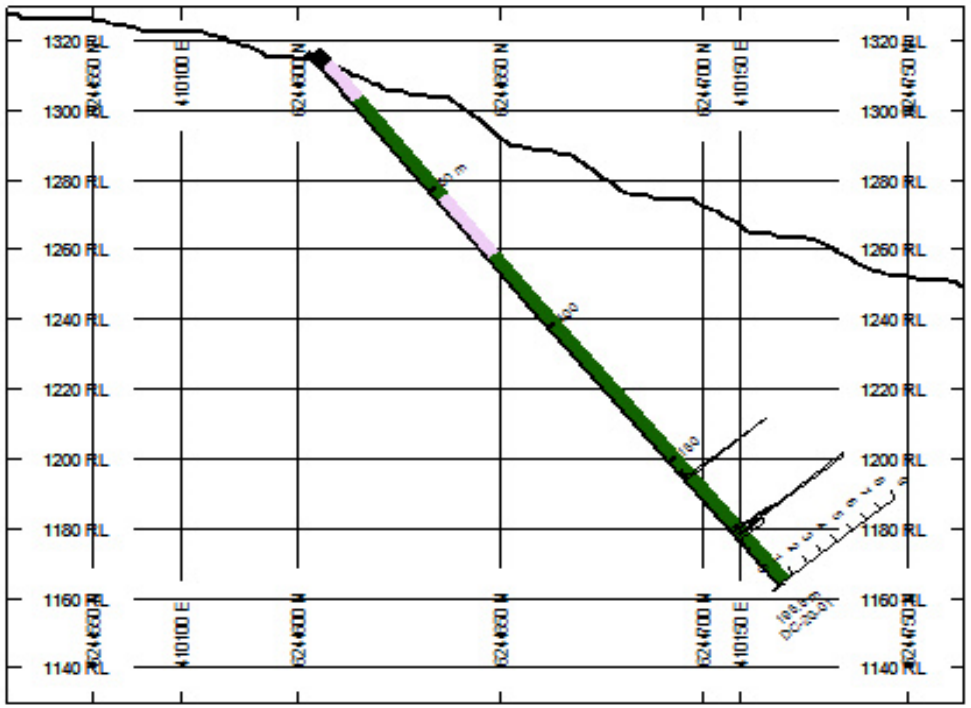
Hanstone Gold Doc Property

Appendix E

Cross sections with Gold And Silver Assay Results

DC-20-01 Au Results





AXIOM GROUP

Topography

Au g/t

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing
SS	Siliceous Metasediment

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 20°

N W E S

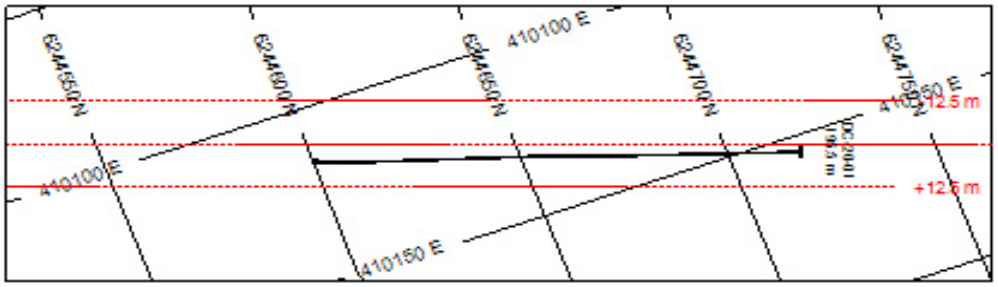
Hanstone Gold

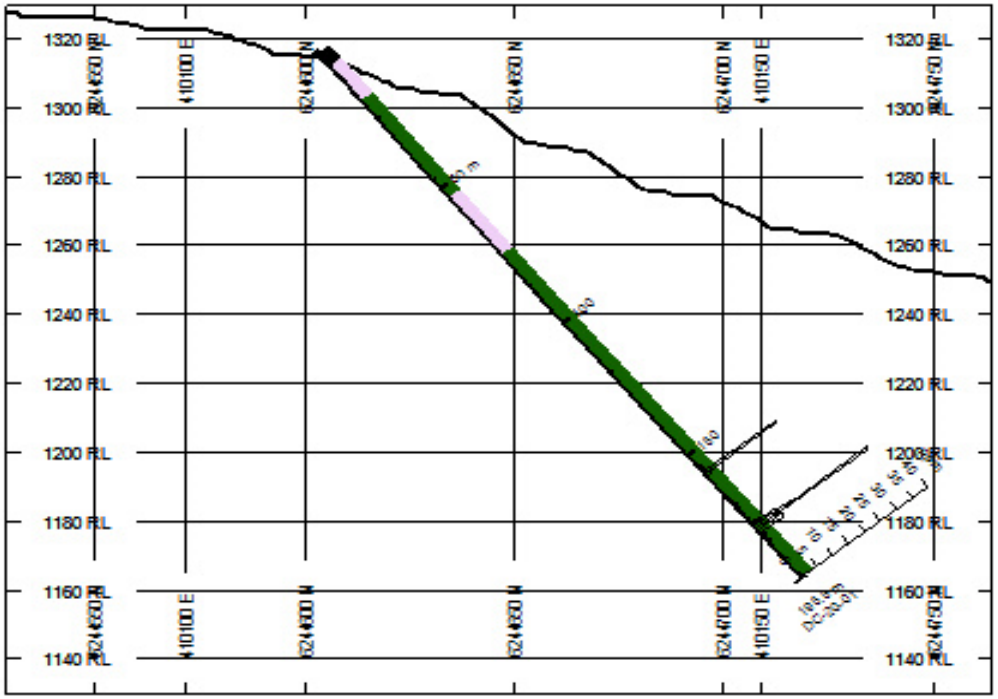
Doc Property

DC-20-01

Gold Results

DC-20-01 Ag Results





AXIOM GROUP

Topography

Ag ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing
SS	Siliceous Metasediment

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 20°

N W E S

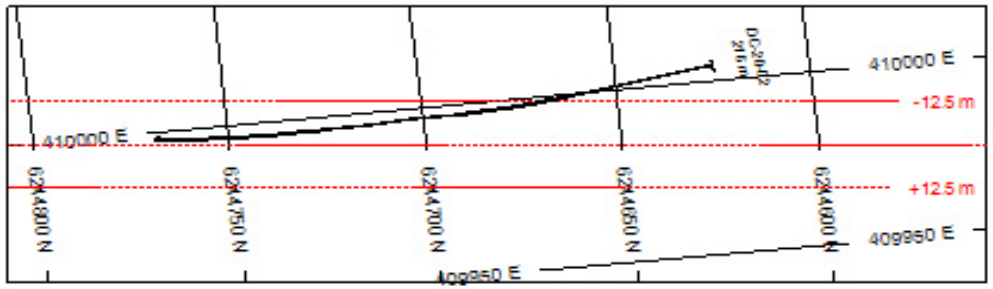
Hanstone Gold

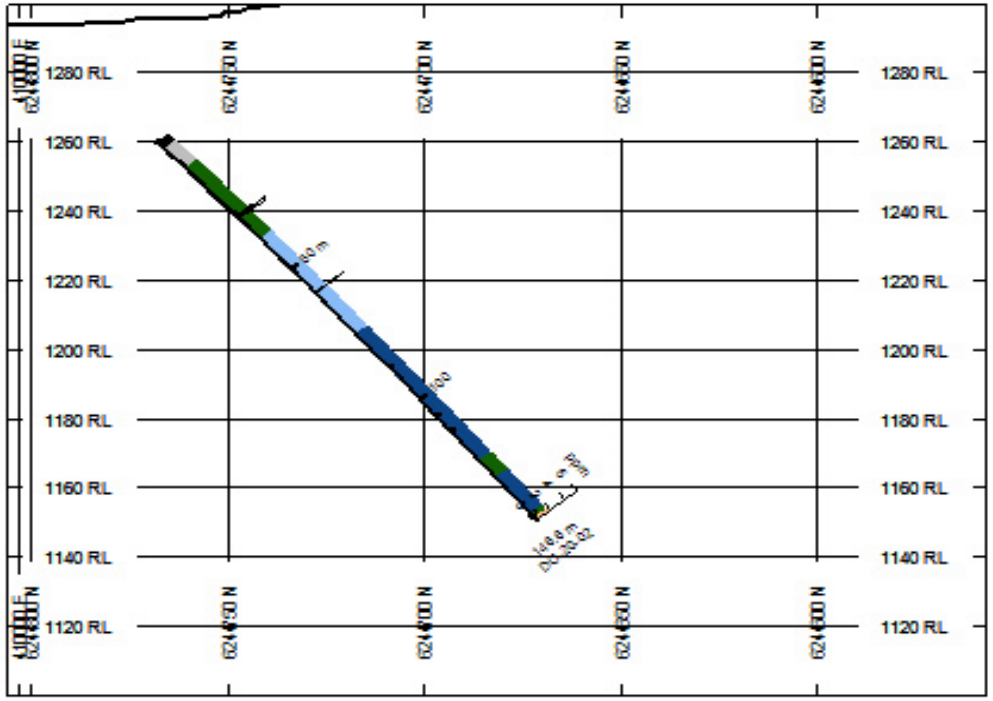
Doc Property

DC-20-01

Silver Results

DC-20-02 Au Results





Topography

Au ppm

Rock Type		DESCRIPTION
Tuf		Mafic Tuff
Mud		Mudstones
MV		Mafic Volcanic
Calc		Calc-Silicate
CAS		Casing
ArgSlt		Interbedded Argillite and Siltstone
CaMud		Calcareous Mudstone

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 186°

N W E S

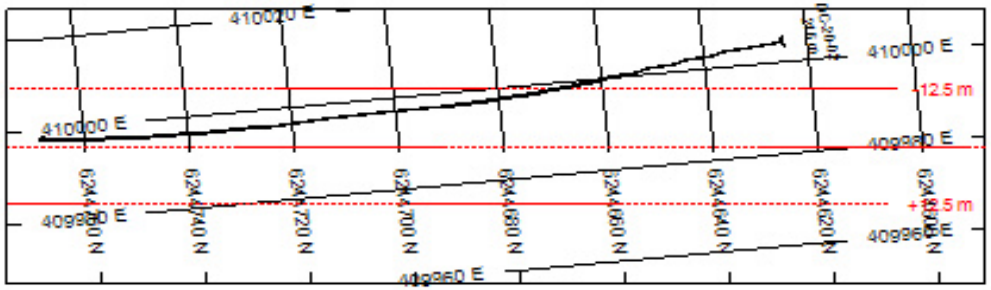
Hanstone Gold

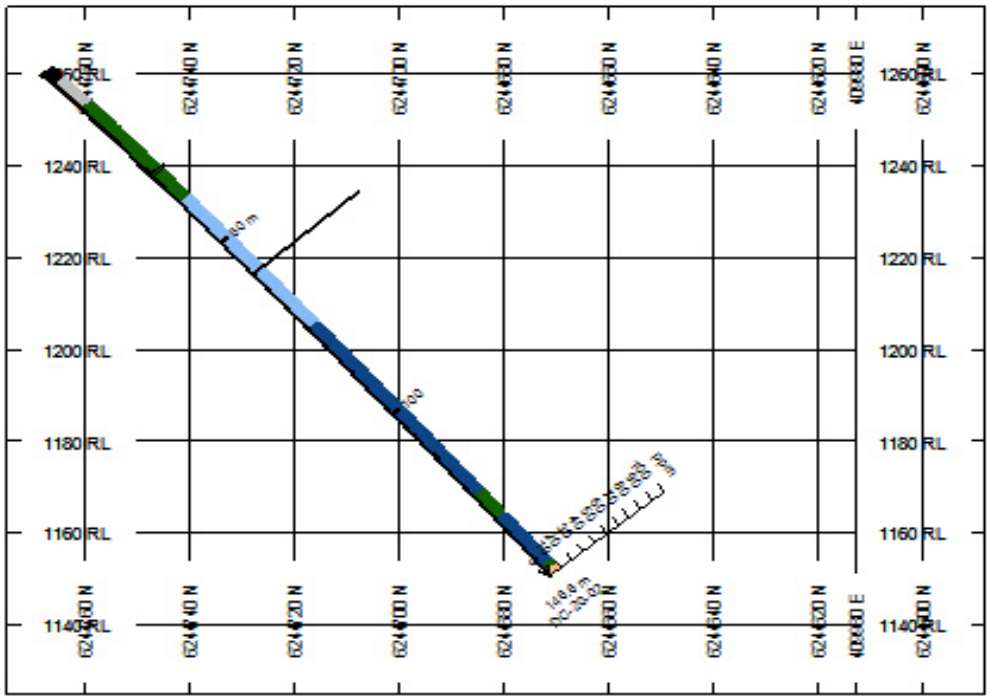
Doc Property

DC-20-02

Gold Results

DC-20-02 Ag Results





Topography

Ag ppm

Rock Type

	DESCRIPTION
Tuf	Mafic Tuff
Mud	Mudstones
MV	Mafic Volcanic
Calc	Calc-Silicate
CAS	Casing
ArgSlt	Interbedded Argillite and Siltstone
CaMud	Calcareous Mudstone

SCALE 1 : 1377

(m)

-10 0 10 20 30 40 50 60

NAD83 / UTM zone 9N

AZIMUTH = 186°

N E S W

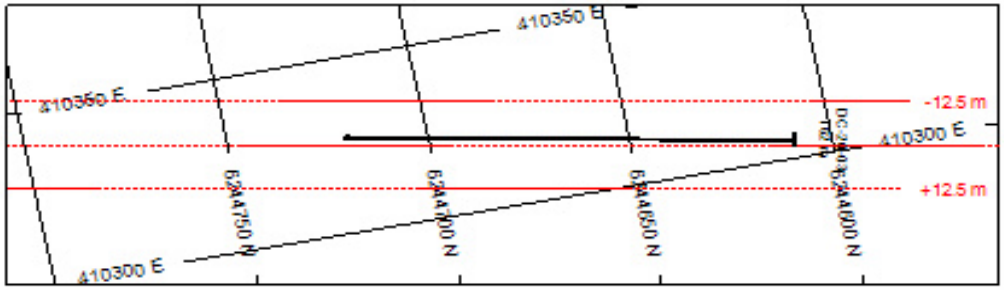
Hanstone Gold

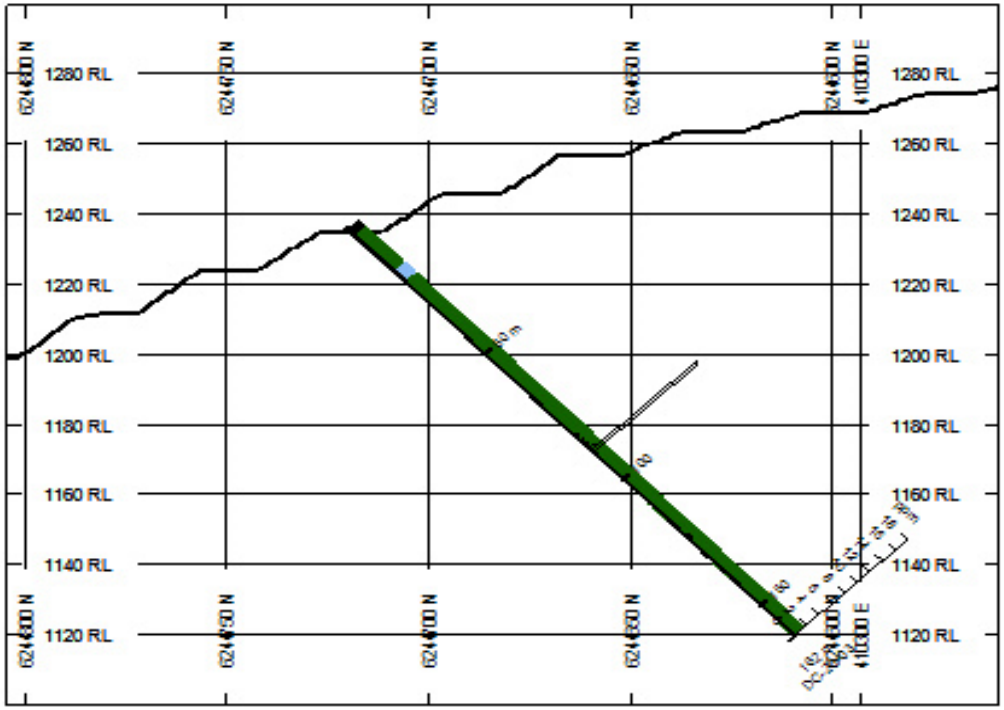
Doc Property

DC-20-02

Silver Results

DC-20-03 Au Results





Topography

Au ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
Calc	Calc-Silicate
CAS	Casing

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 191°

N W E S

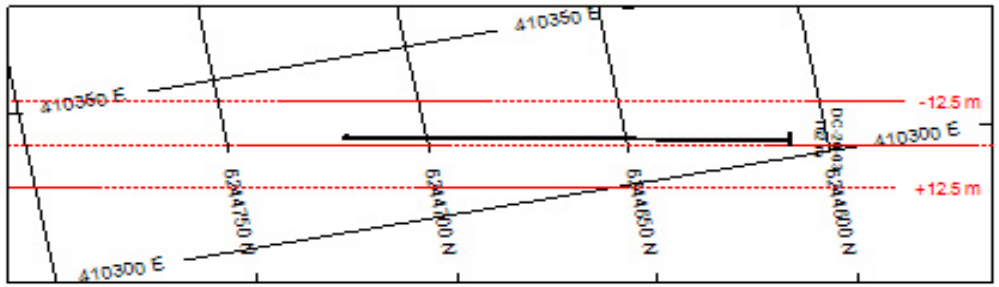
Hanstone Gold

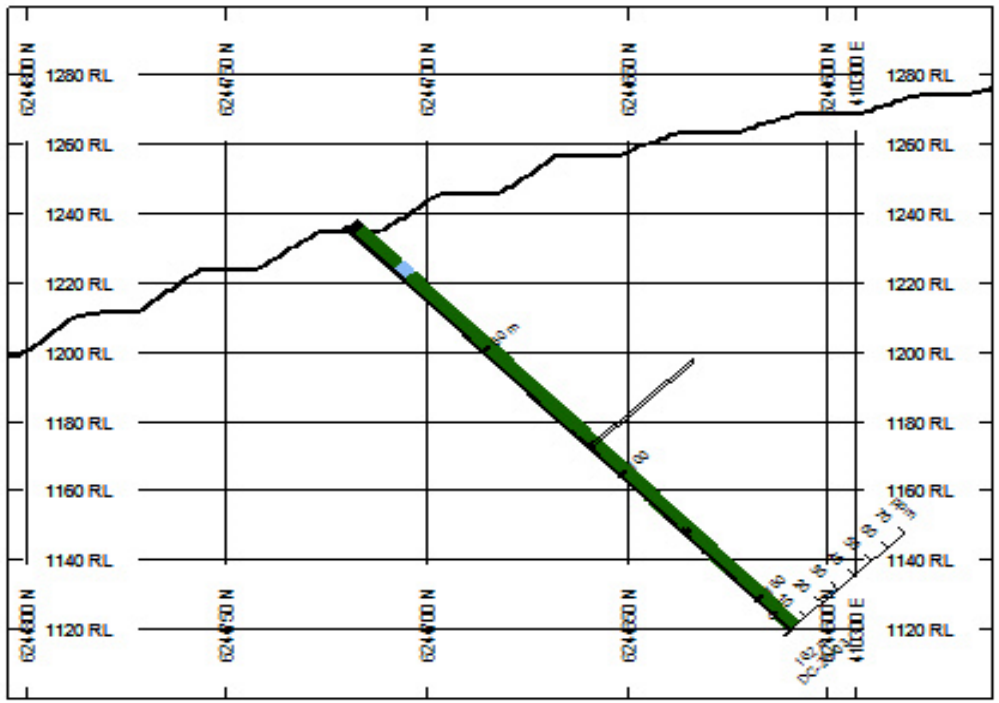
Doc Property

DC-20-03

Gold Results

DC-20-03 Ag Results





Topography

Ag ppm

Rock Type

MV	Mafic Volcanic
Calc	Calc-Silicate
CAS	Casing

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 191°

N E S W

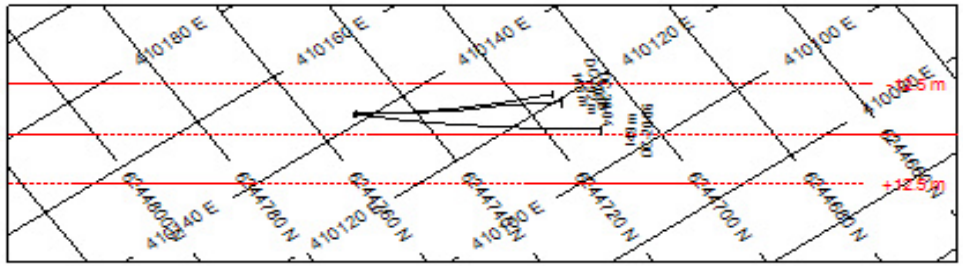
Hanstone Gold

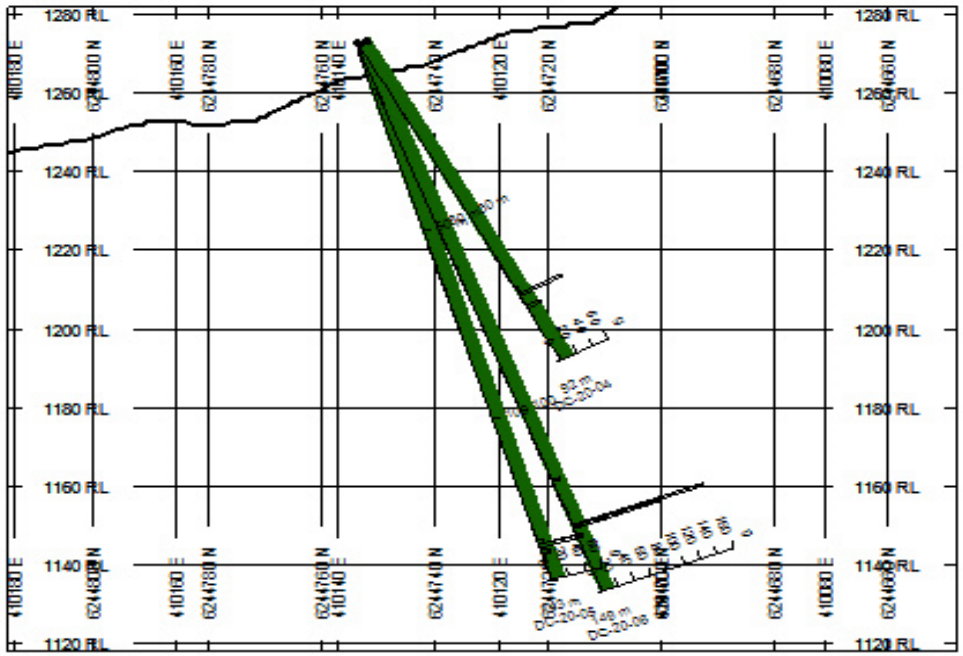
Doc Property

DC-20-03

Silver Results

DC-20-04 to DC-20-06 Au Results





AXIOM GROUP

Topography

Au g/t

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 215°

N W E S

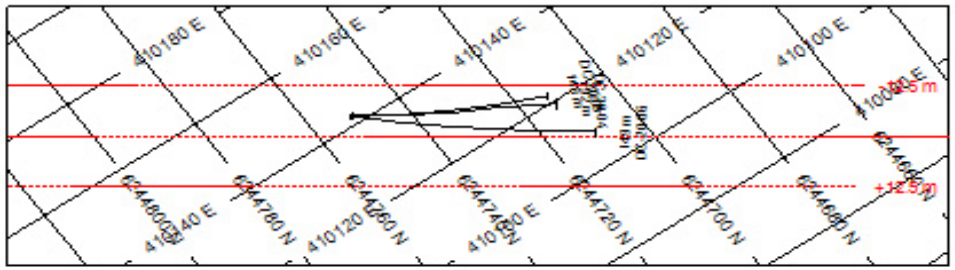
Hanstone Gold

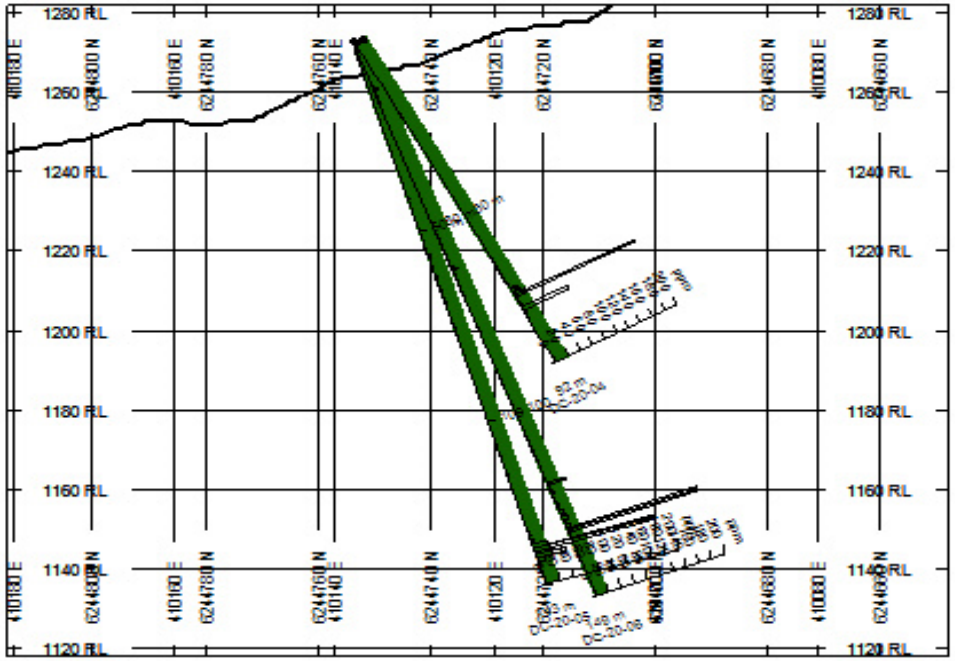
Doc Property

DC-20-04 to DC-20-06

Gold Results

DC-20-04 to DC-20-06 Ag Results





Topography

Ag ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 215°

N W E S

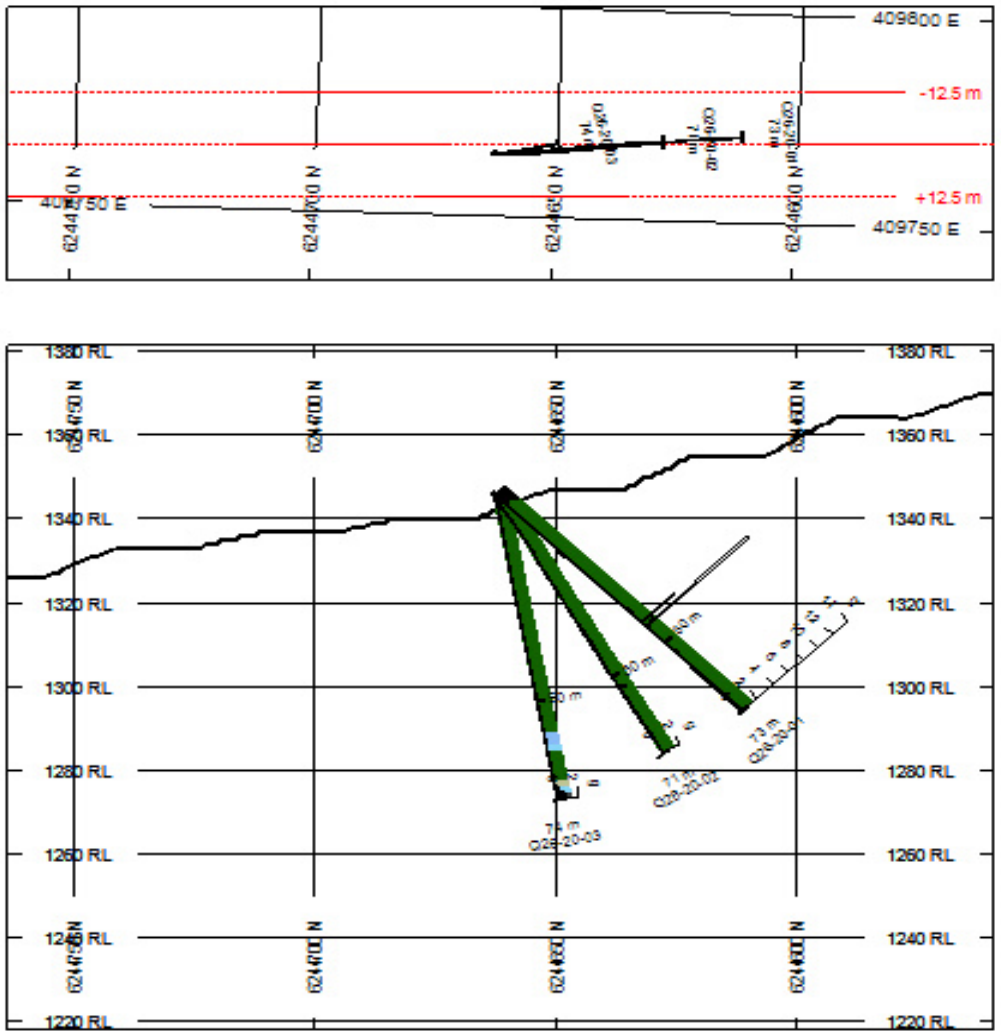
Hanstone Gold

Doc Property

DC-20-04 to DC-20-06

Silver Results

Q26-20-01 to Q26-20-03 Au Results



Topography

Au g/t

Rock Type		DESCRIPTION
	Sch	Schist
	MV	Mafic Volcanic
	Unk	Unknown Lithology
	Calc	Calc-Silicate
	Dia	Diabase Dyke
	CAS	Casing

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 178°

N W E S

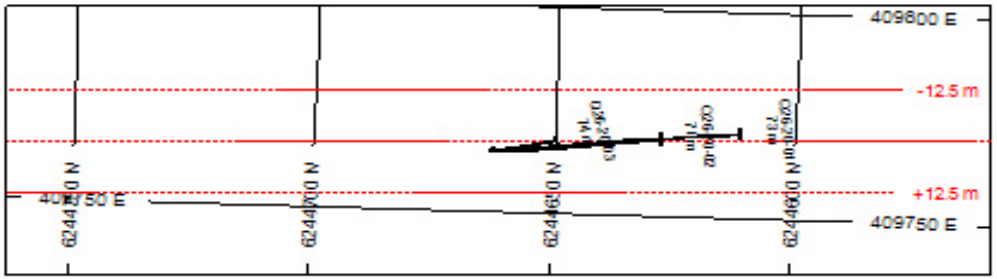
Hanstone Gold

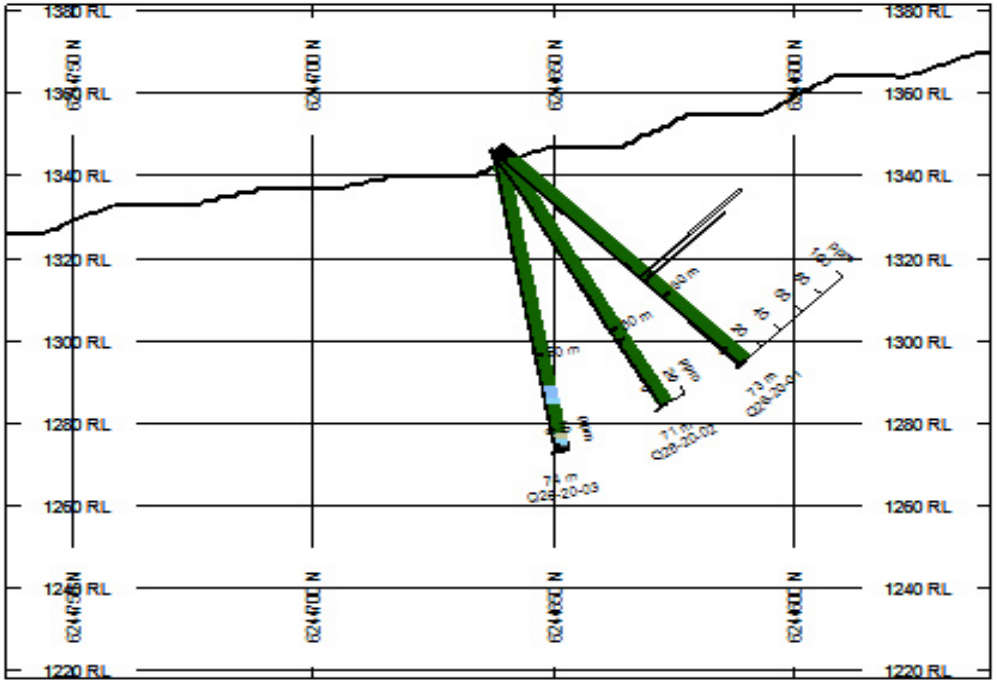
Doc Property

Q26-20-01 to Q26-20-03

Gold results

Q26-20-01 to Q26-20-03 Ag Results





Topography

Ag ppm

Rock Type

	DESCRIPTION
Sch	Schist
MV	Mafic Volcanic
Unk	Unknown Lithology
Calc	Calc-Silicate
Dia	Diabase Dyke
CAS	Casing

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 178°

N W E S

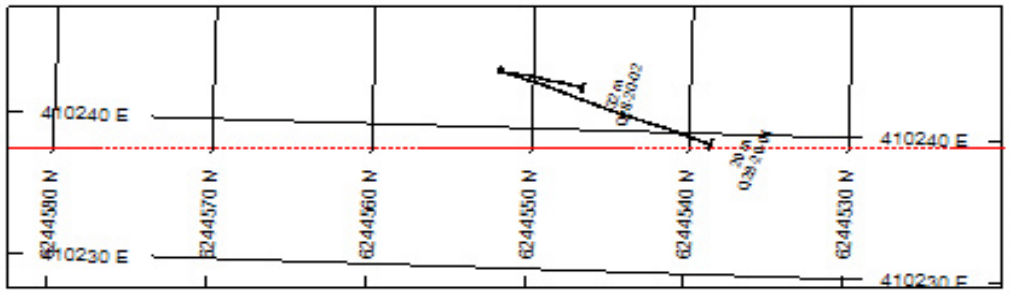
Hanstone Gold

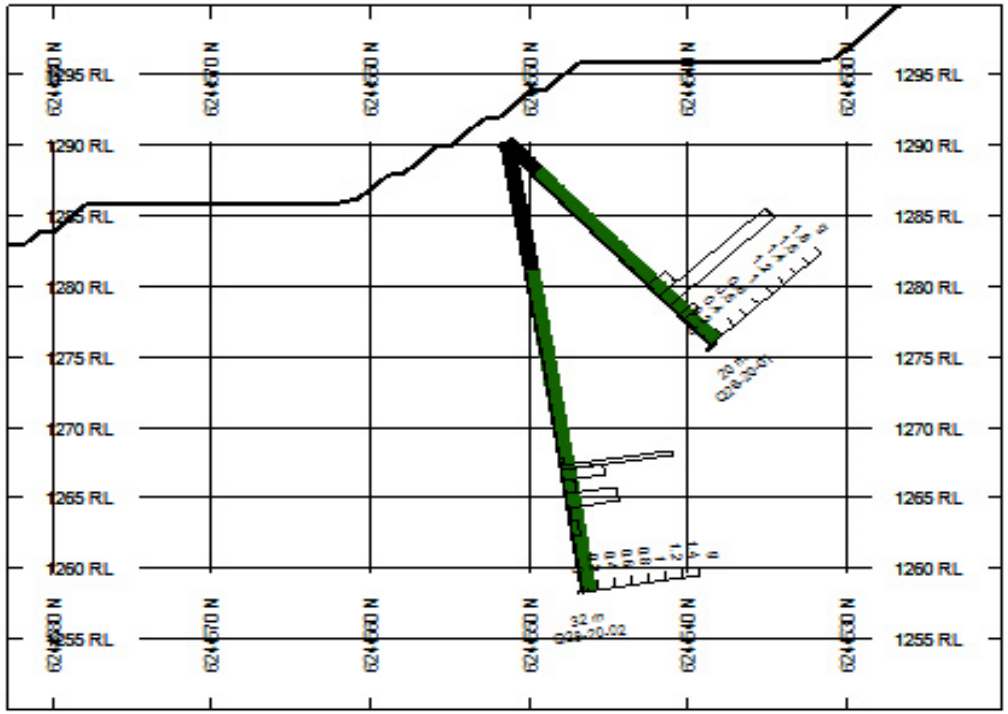
Doc Property

Q26-20-01 to Q26-20-03

Silver Results

Q28-20-01 to Q28-20-02
Au Results





Topography

BAR GRAPHS COL
Au g/t

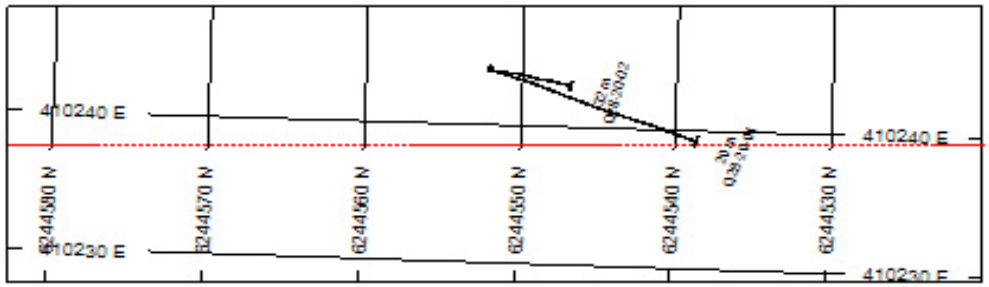
Rock Type
MV Mafic Volcanic
CAS Casing

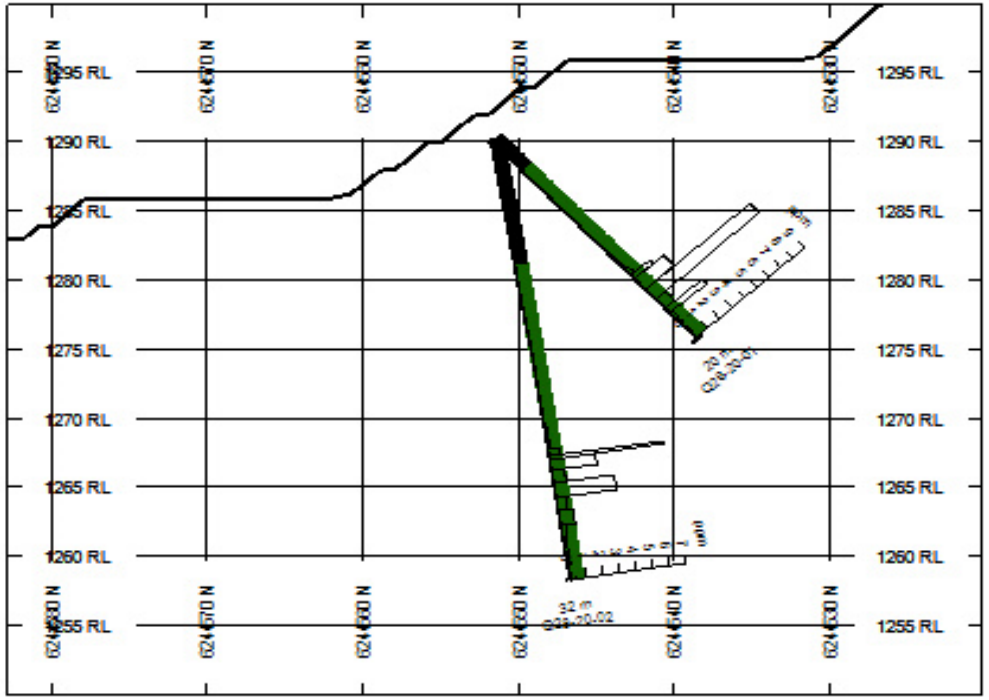
SCALE 1 : 459
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 9N

AZIMUTH = 178°
N
W E
S

Hanstone Gold
Doc Property
Q28-20-01 to Q28-20-02
Gold Results

Q28-20-01 to Q28-02 Ag Results





Topography

Ag ppm

Rock Type

		DESCRIPTION
MV		Mafic Volcanic
CAS		Casing

SCALE 1 : 459

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 9N

AZIMUTH = 178°

N W E S

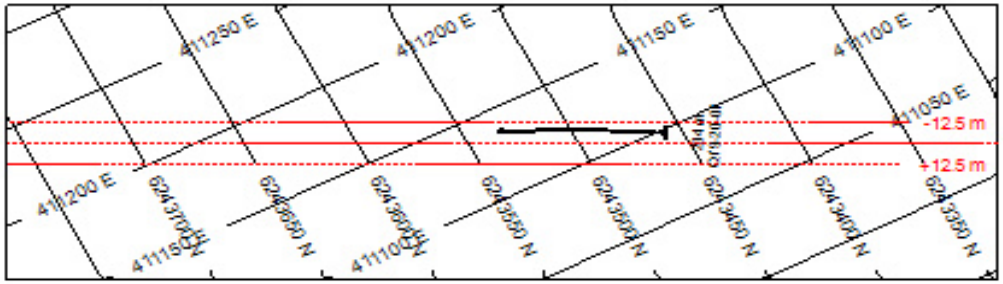
Hanstone Gold

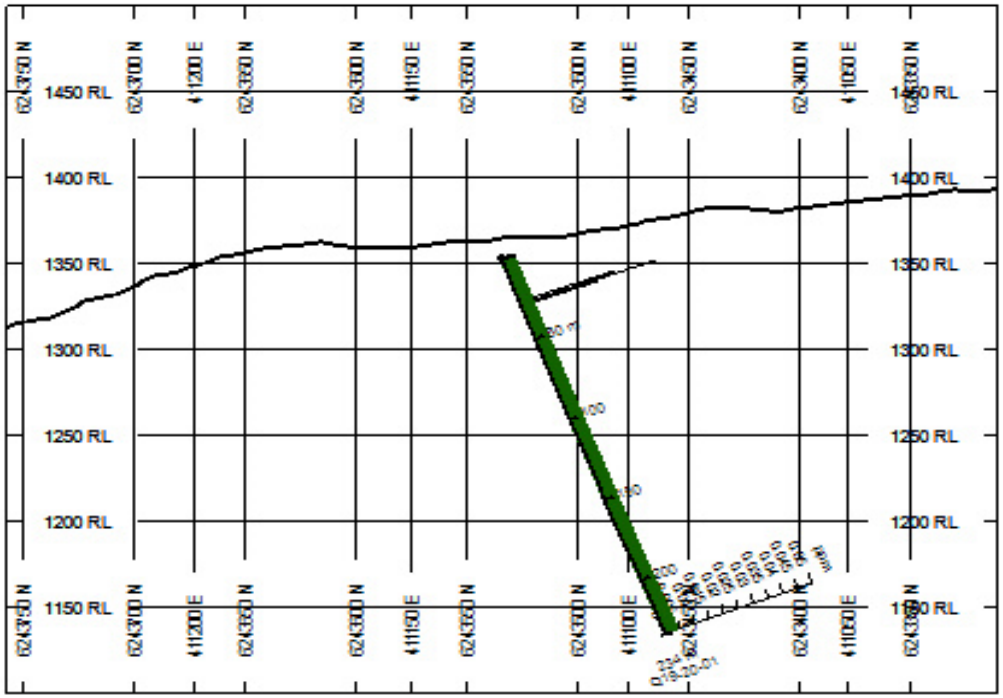
Doc Property

Q28-20-01 to Q28-20-02

Silver Results

Q19-20-01 Au Results





Topography

Au ppm R

Rock Type MV CAS

DESCRIPTION
Mafic Volcanic
Casing

SCALE 1 : 3672

(m)

-40 0 40 80 120

NAD83 / UTM zone 9N

AZIMUTH = 207°

N W E S

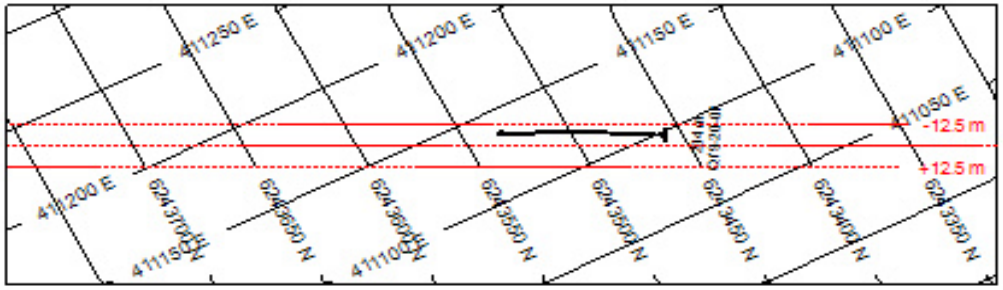
Hanstone Gold

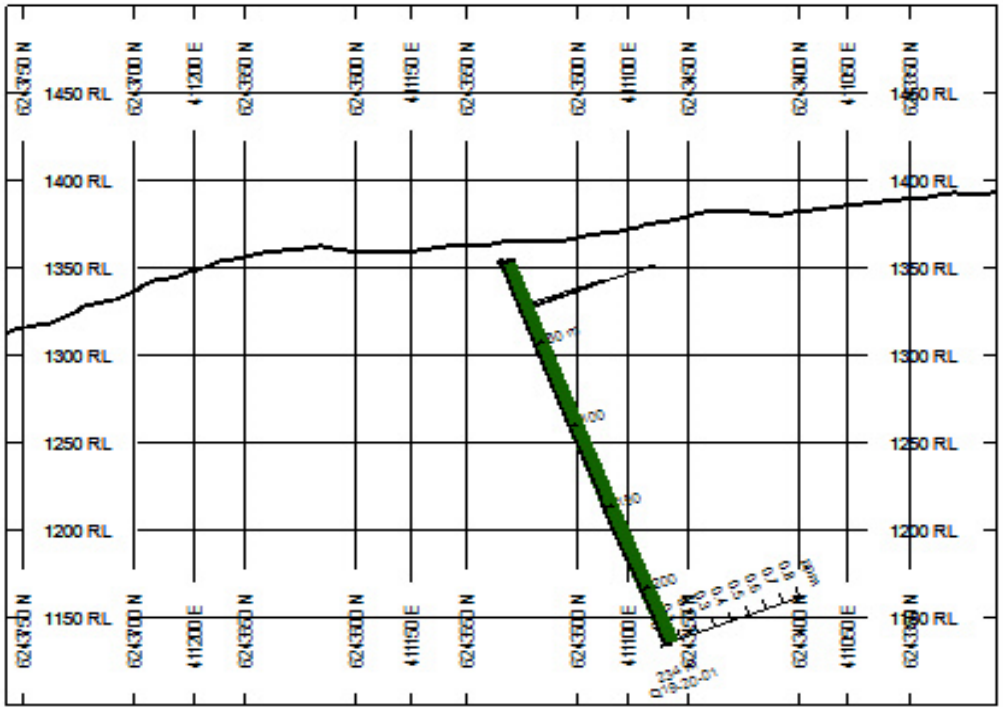
Q19 Area

Q19-20-01

Gold Results

Q19-20-01 Ag Results





Topography

BAR GRAPHS

Ag ppm R

Rock Type		DESCRIPTION
	MV	Mafic Volcanic
	CAS	Casing

SCALE 1 : 3672

(m)

-40 0 40 80 120

NAD83 / UTM zone 9N

AZIMUTH = 207°

N W E S

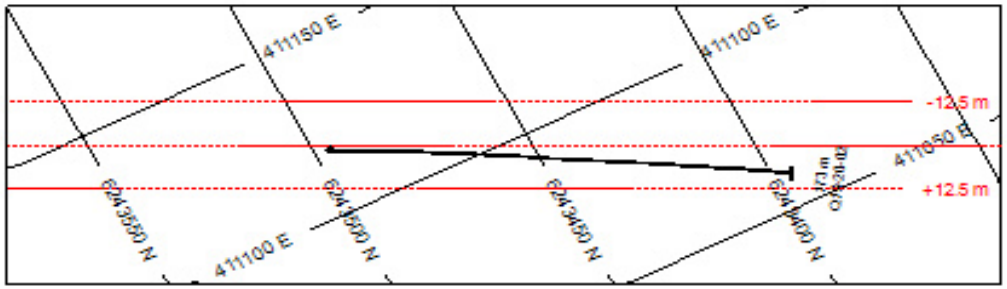
Hanstone Gold

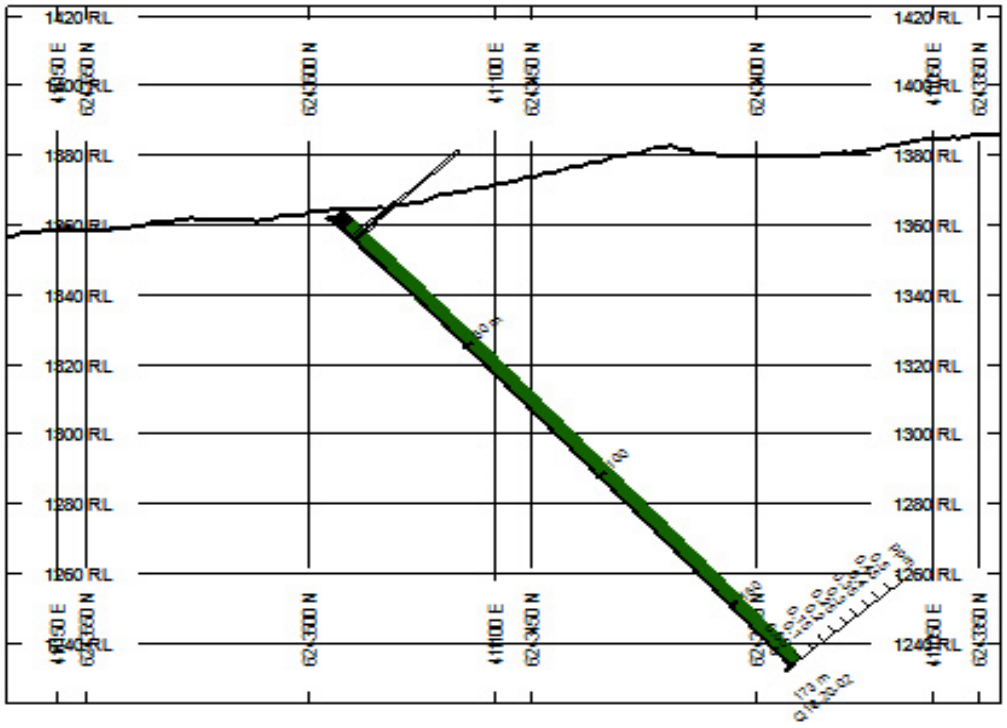
Q19 Area

Q19-20-01

Silver Results

Q19-20-02 Au Results





Topography

Au ppm

Rock Type		DESCRIPTION
	MV	Mafic Volcanic
	CAS	Casing

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 207°

N W E S

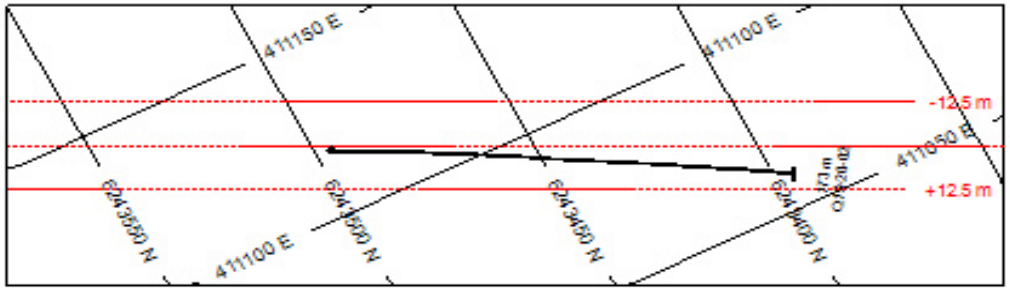
Hanstone Gold

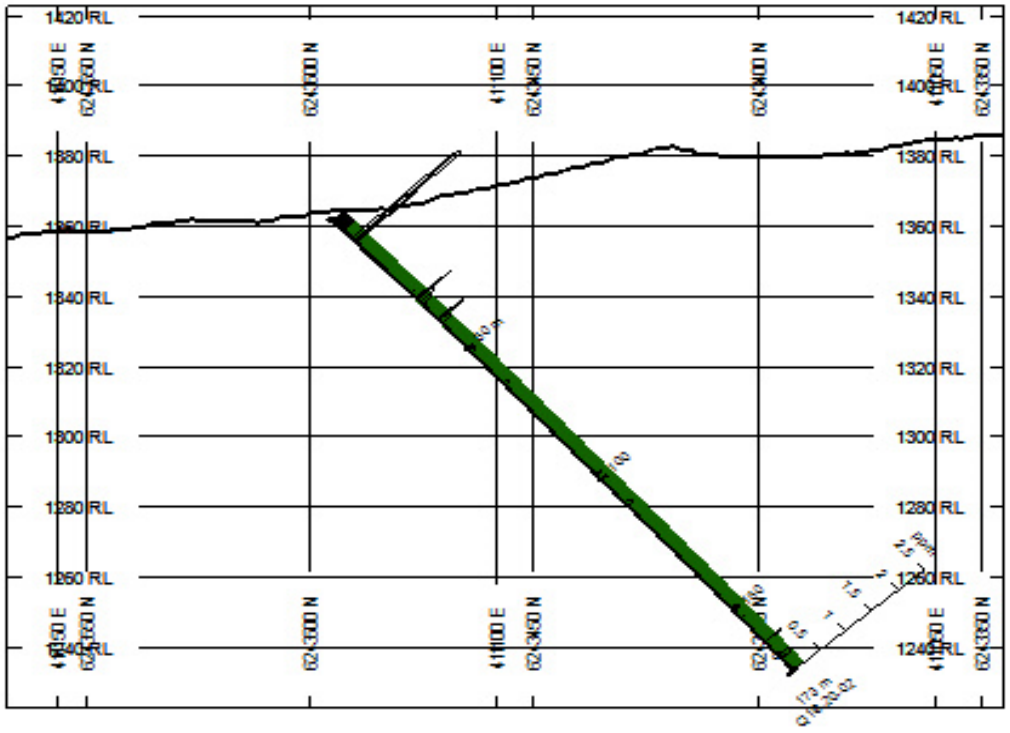
Q19 Area

Q19-20-02

Gold Results

Q19-20-02 Ag Results





AXIOM GROUP

Topography

Ag ppm

Rock Type

MV — Mafic Volcanic

CAS — Casing

DESCRIPTION

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 207°

N W E S

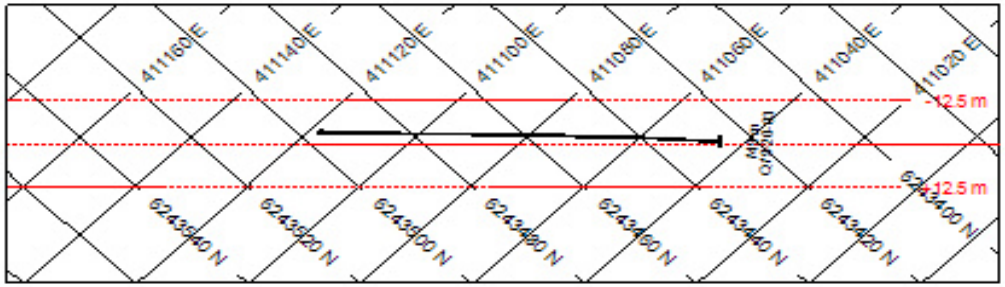
Hanstone Gold

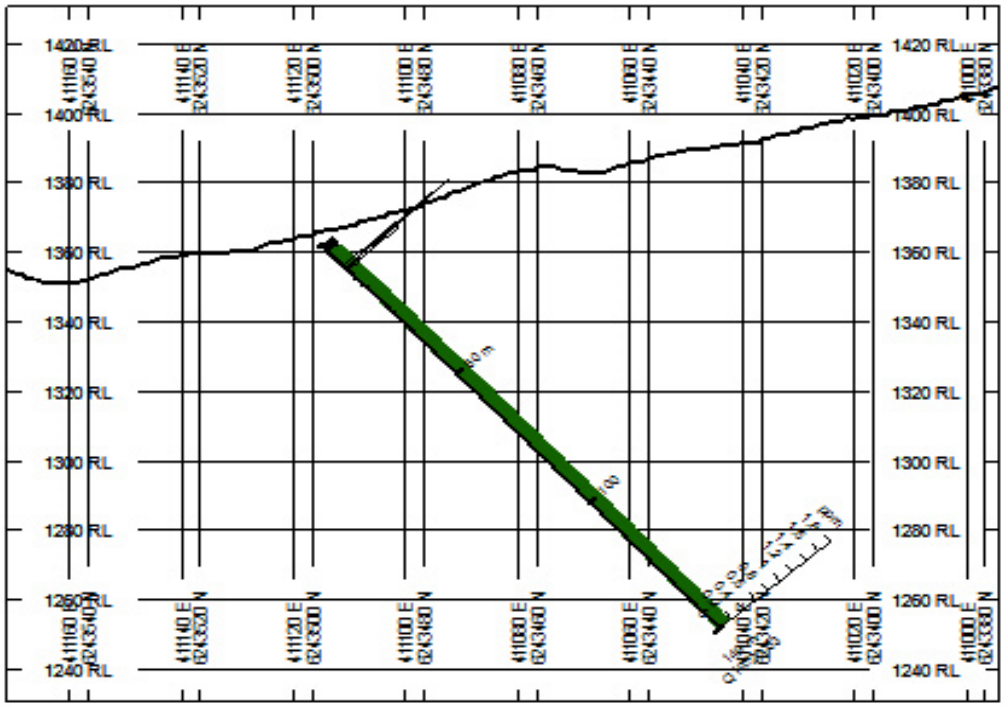
Q19 Area

Q19-20-02

Silver results

Q19-20-03 Au Results





Topography

Au ppm

Rock Type

MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 225°

N W E S

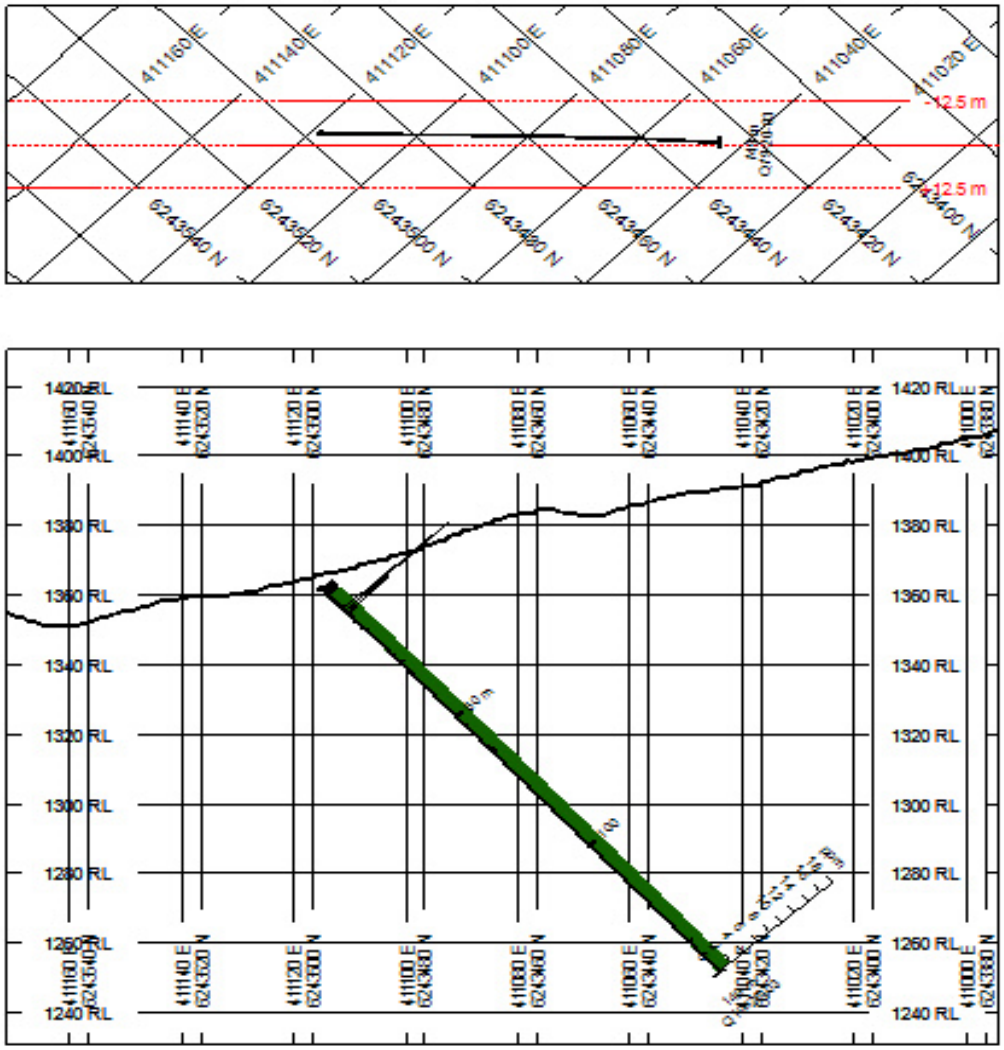
Hanstone Gold

Q19 Area

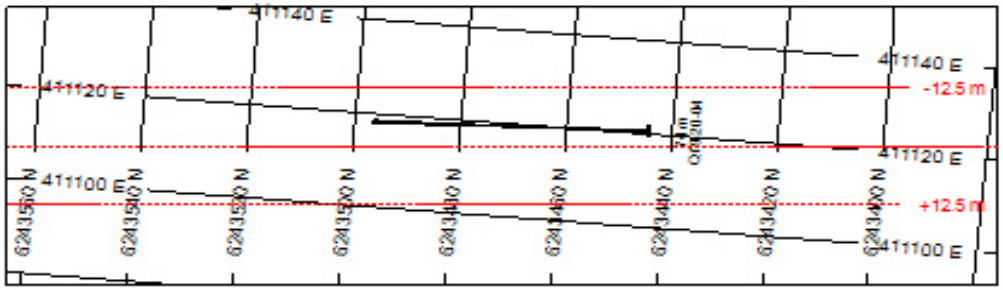
Q19-20-03

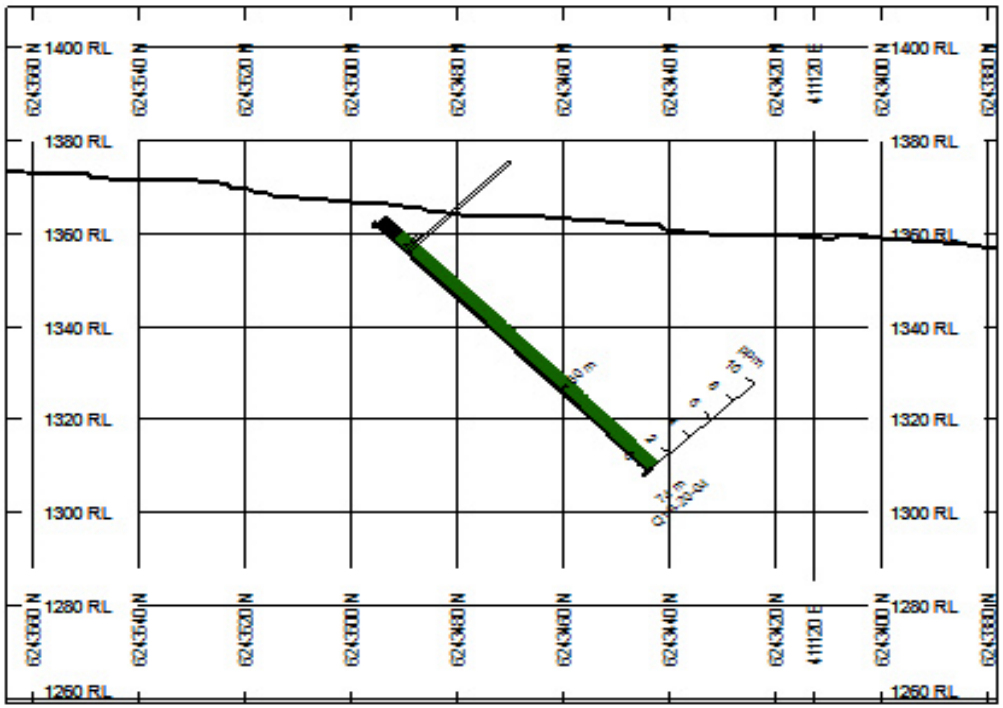
Gold Results

Q19-20-03 Ag Results



Q19-20-04 Au Results





Topography

Au ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1377

(m)

-10 0 10 20 30 40 50 60

NAD83 / UTM zone 9N

AZIMUTH = 175°

N W E S

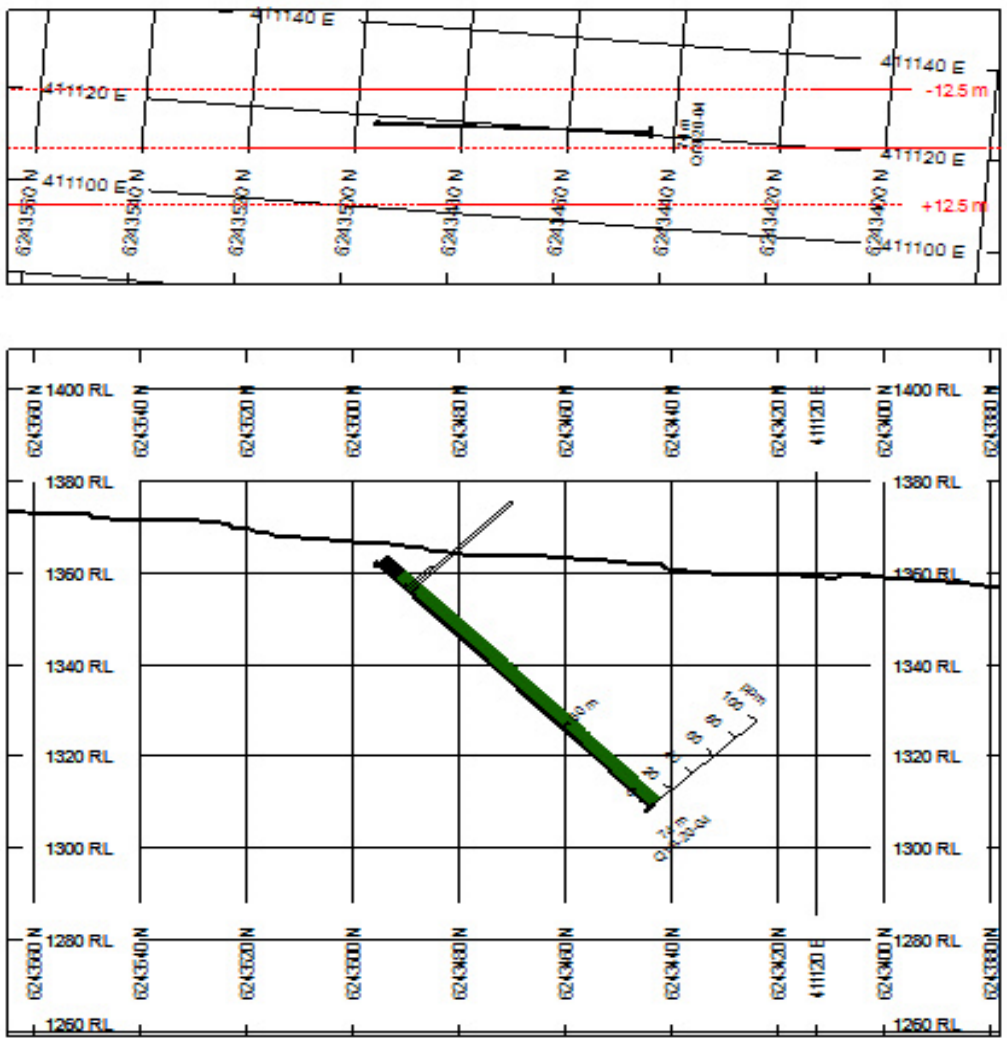
Hanstone Gold

Q19 Area

Q19-20-04

Gold Results

Q19-20-04 Ag Results



Topography

Ag ppm

Rock Type

MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1377

(m)

-10 0 10 20 30 40 50 60

NAD83 / UTM zone 9N

AZIMUTH = 175°

N E S W

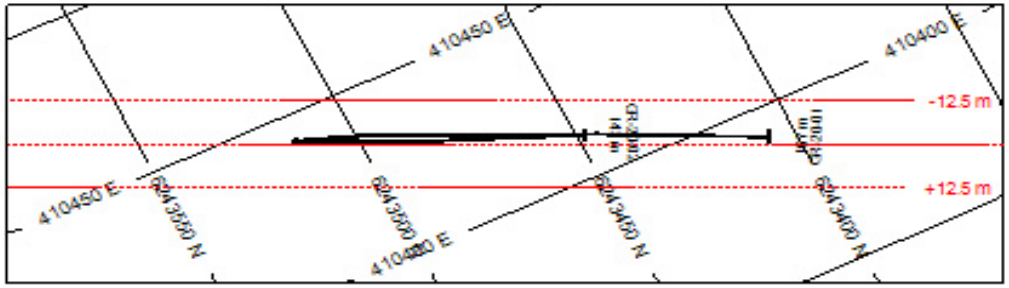
Hanstone Gold

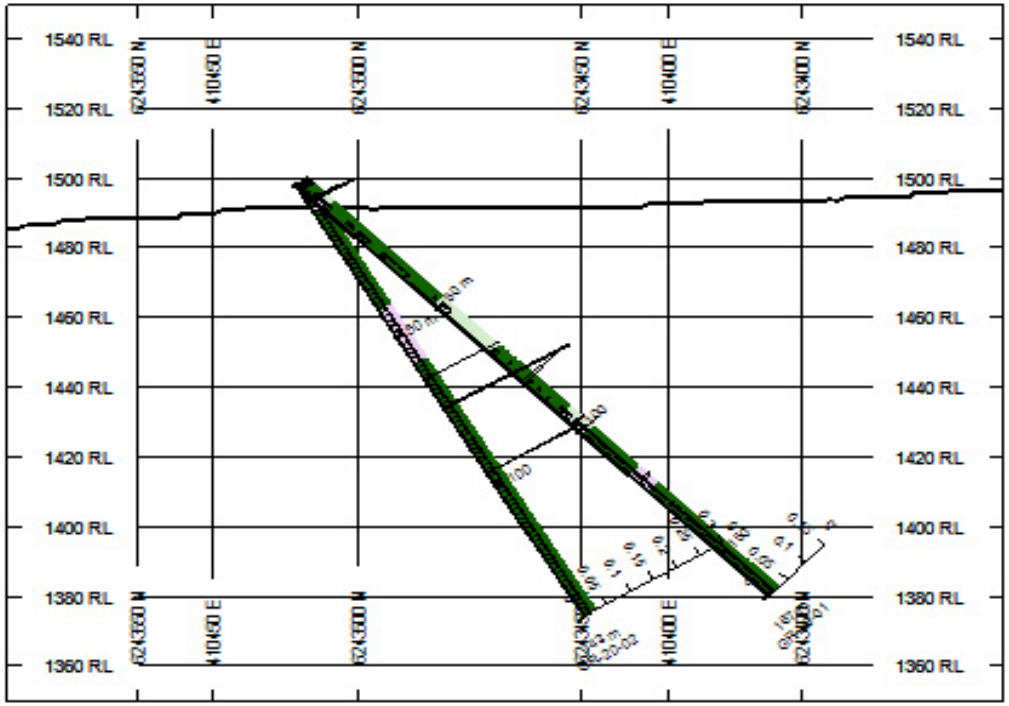
Q19 Area

Q19-20-04

Silver results

GR-20-01 AND GR-20-02 AU RESULTS





Topography

Au g/t

Rock Type	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing
SS	Silliceous Metasediment
CS	Calcareous Metasediment

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 206°

N E S W

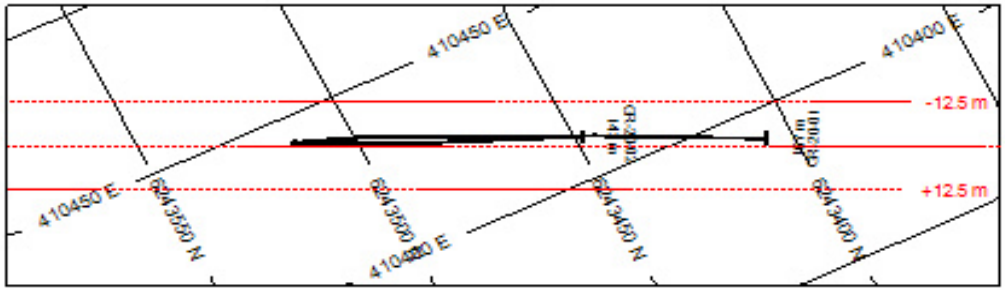
Hanstone Gold

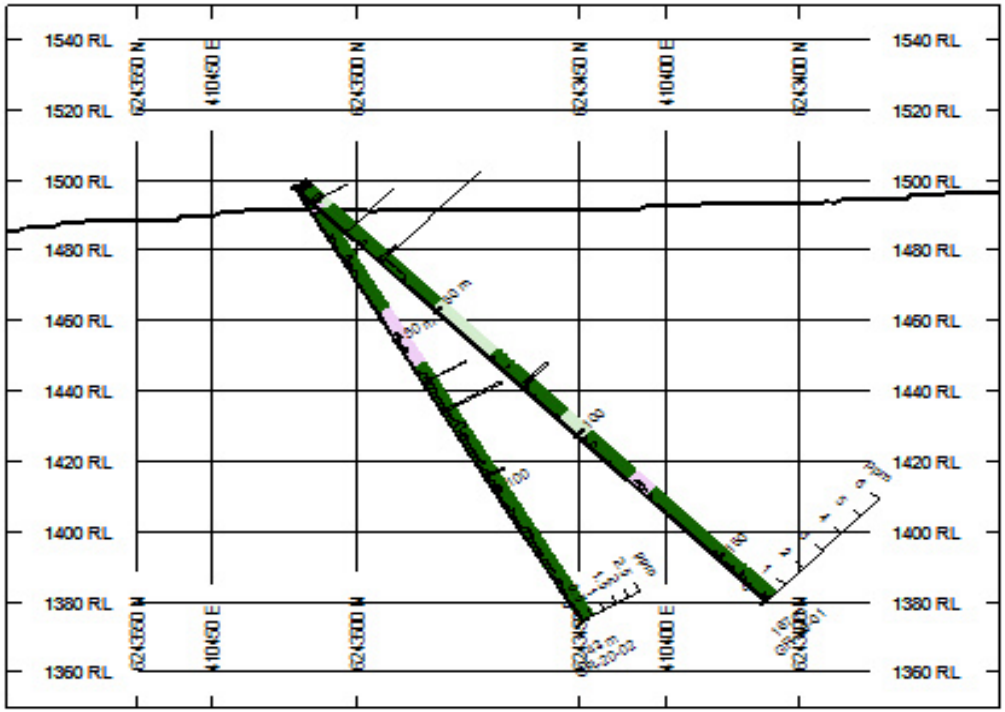
Galena Ridge

GR-20-01 and GR-20-02

Gold Results

GR-20-01 and GR-20-02 Ag Results





Topography

Ag ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing
SS	Siliceous Metasediment
CS	Calcareous Metasediment

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 206°

N W E S

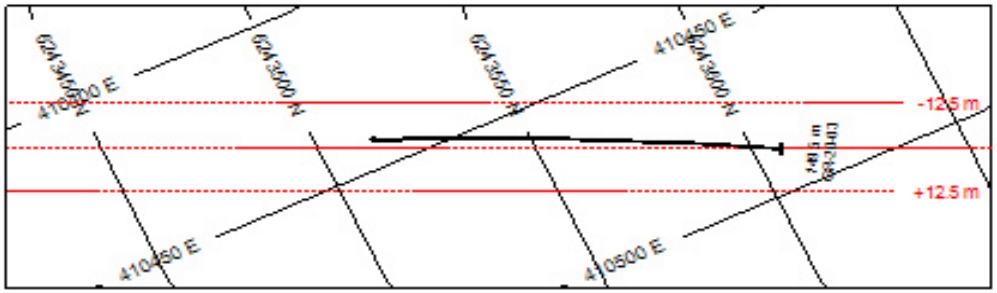
Hanstone Gold

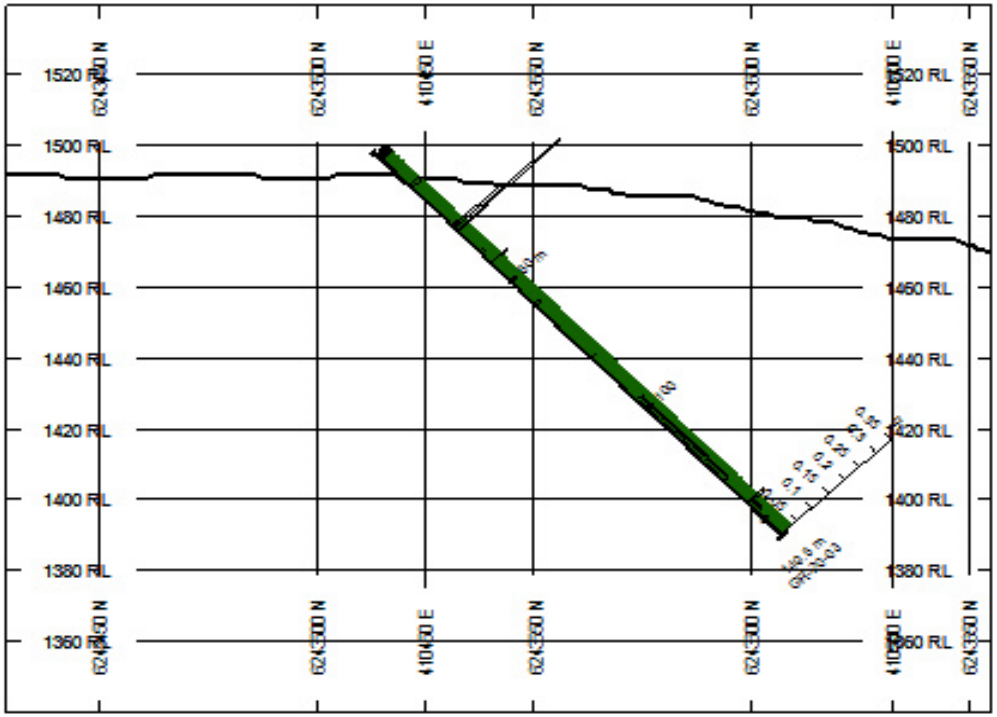
Galena Ridge

GR-20-01 and GR-20-02

Silver Results

GR-20-03 Au Results





AXIOM GROUP

Topography

Au g/t

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 25°

N W E S

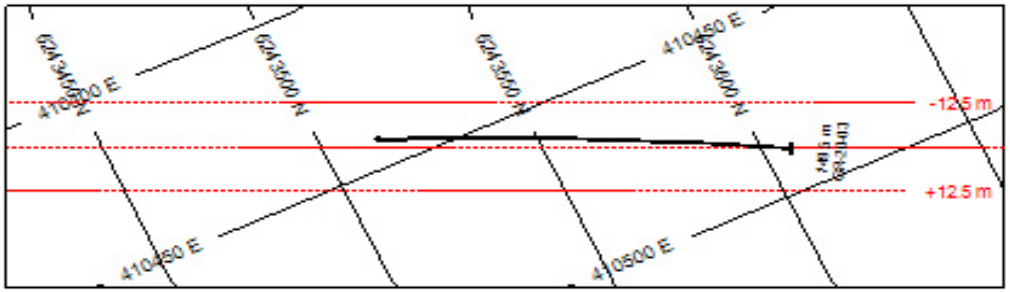
Hanstone Gold

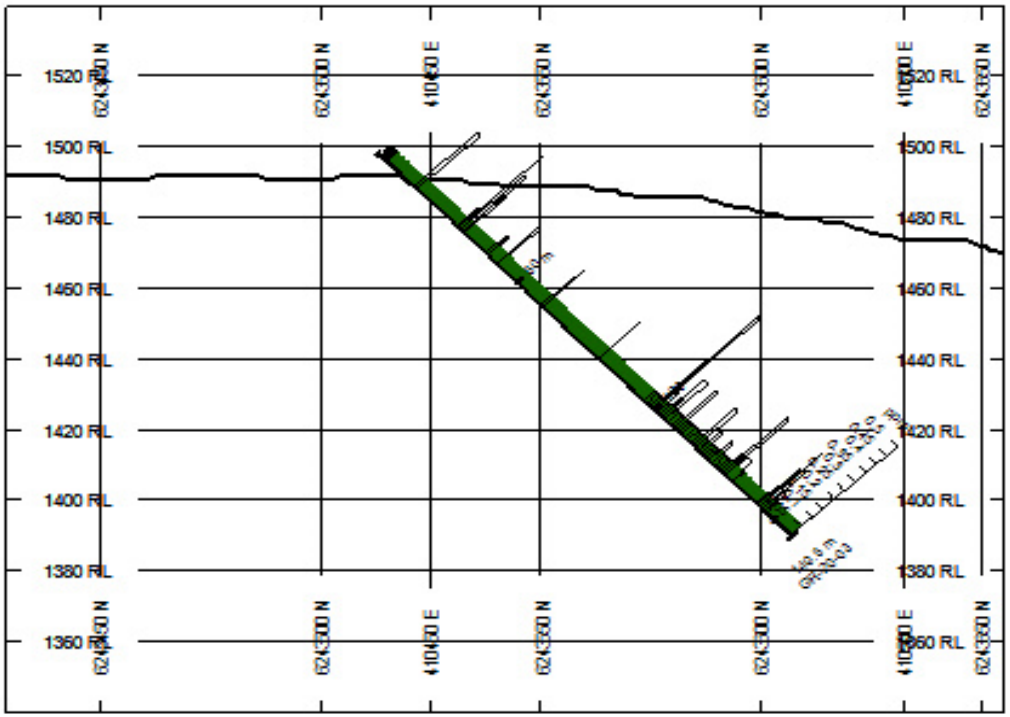
Galena Ridge

GR-20-03

Gold Results

GR-20-03 Ag Results





Topography

Ag ppm

Rock Type

MV Mafic Volcanic

CAS Casing

DESCRIPTION

SCALE 1 : 1836

(m)

-20 0 20 40 60

NAD83 / UTM zone 9N

AZIMUTH = 25°

N W E S

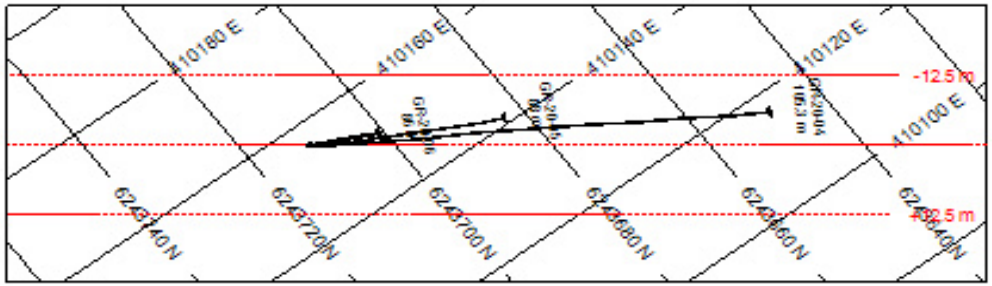
Hanstone Gold

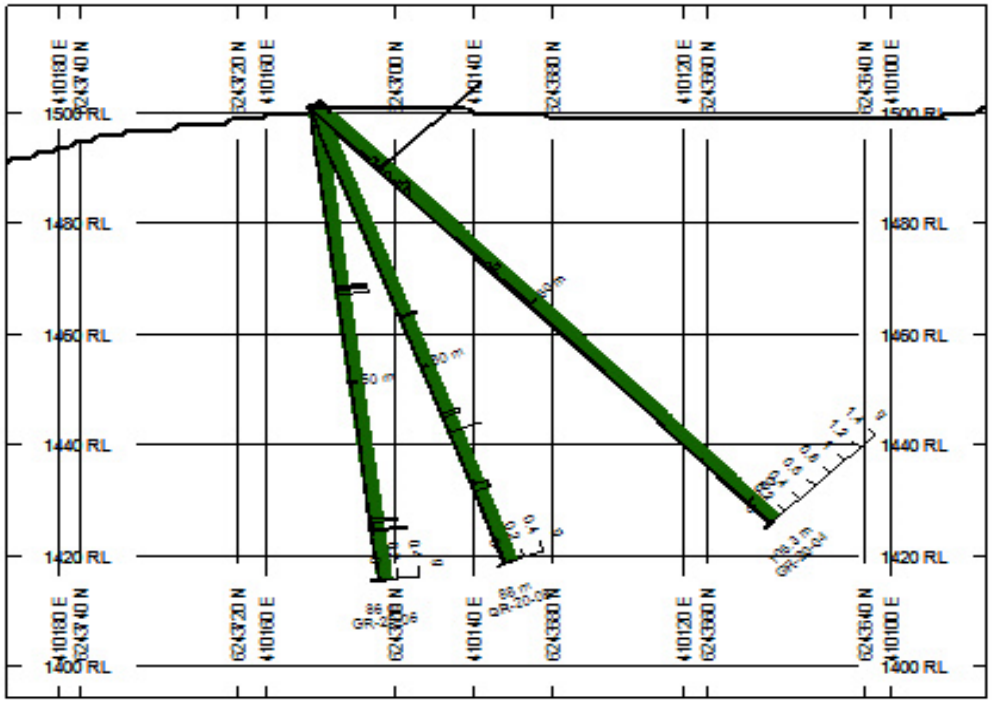
Galena Ridge

GR-20-03

Silver Results

GR-20-04 to GR-20-06 Au Results





Topography

Au g/t

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1148

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 9N

AZIMUTH = 217°

N W E S

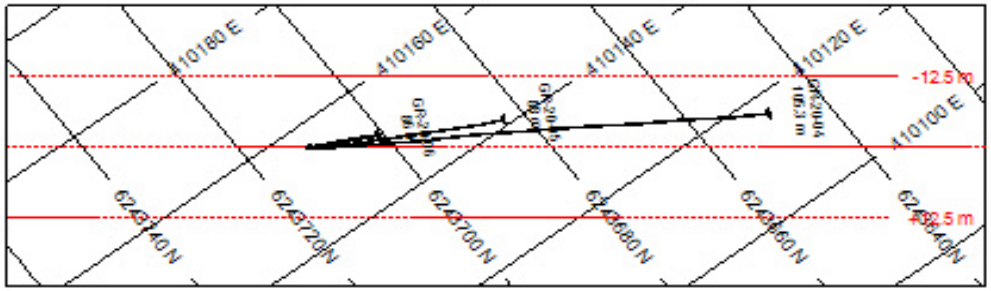
Hanstone Gold

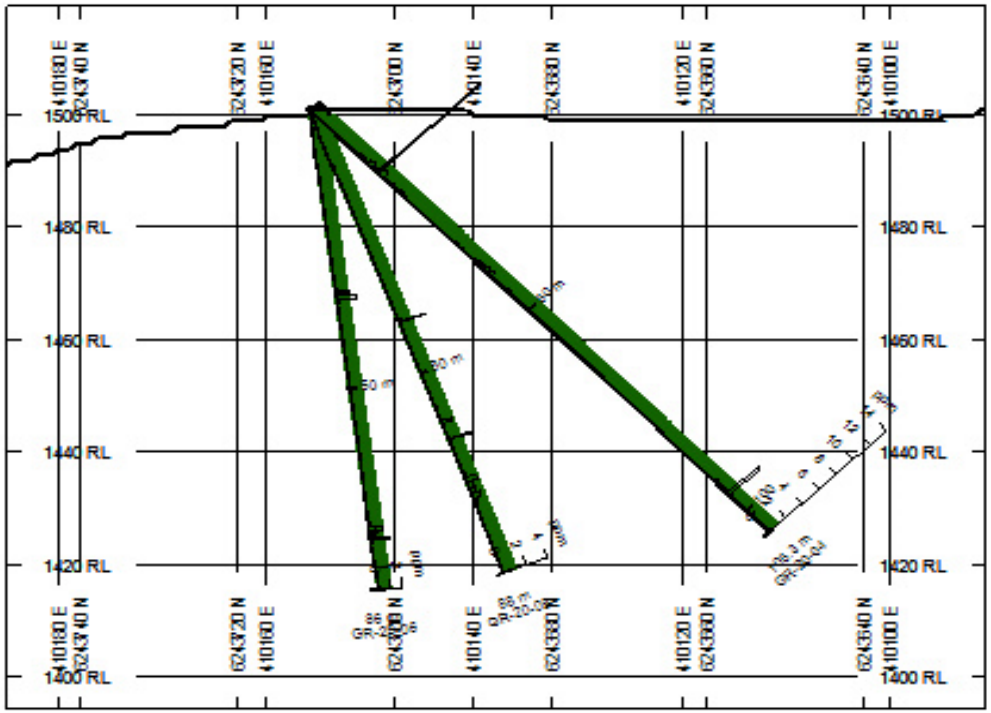
Galena Ridge

GR-20-04 to GR-20-06

Gold Results

GR-20-04 to GR-20-06 Ag Results





Topography

Ag ppm

Rock Type

	DESCRIPTION
MV	Mafic Volcanic
CAS	Casing

SCALE 1 : 1148

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 9N

AZIMUTH = 217°

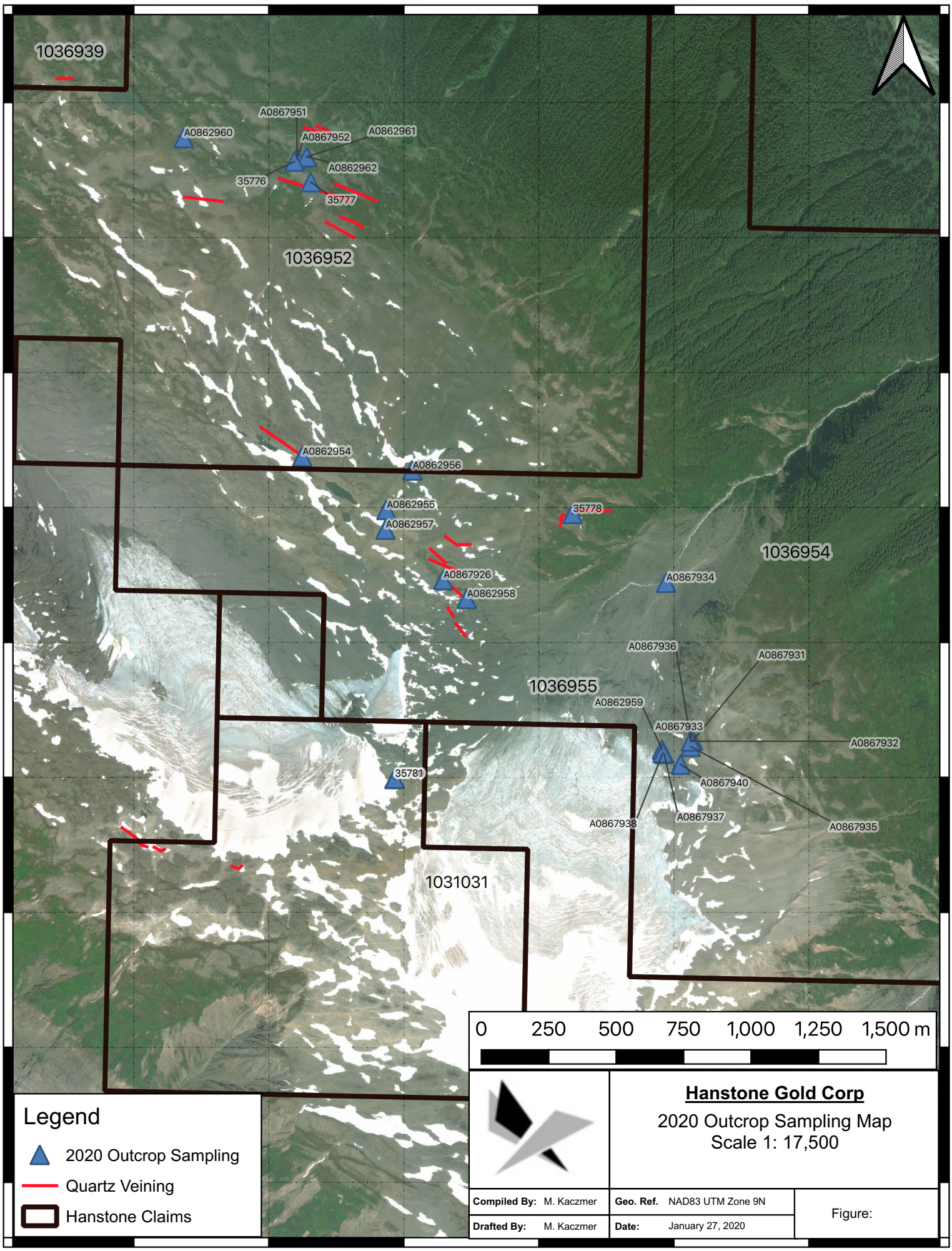
N W E S

Hanstone Gold

Galena Ridge

GR-20-04 to GR-20-06

Silver Results


409500E
410000E
410500E
411000E
411500E
412000E
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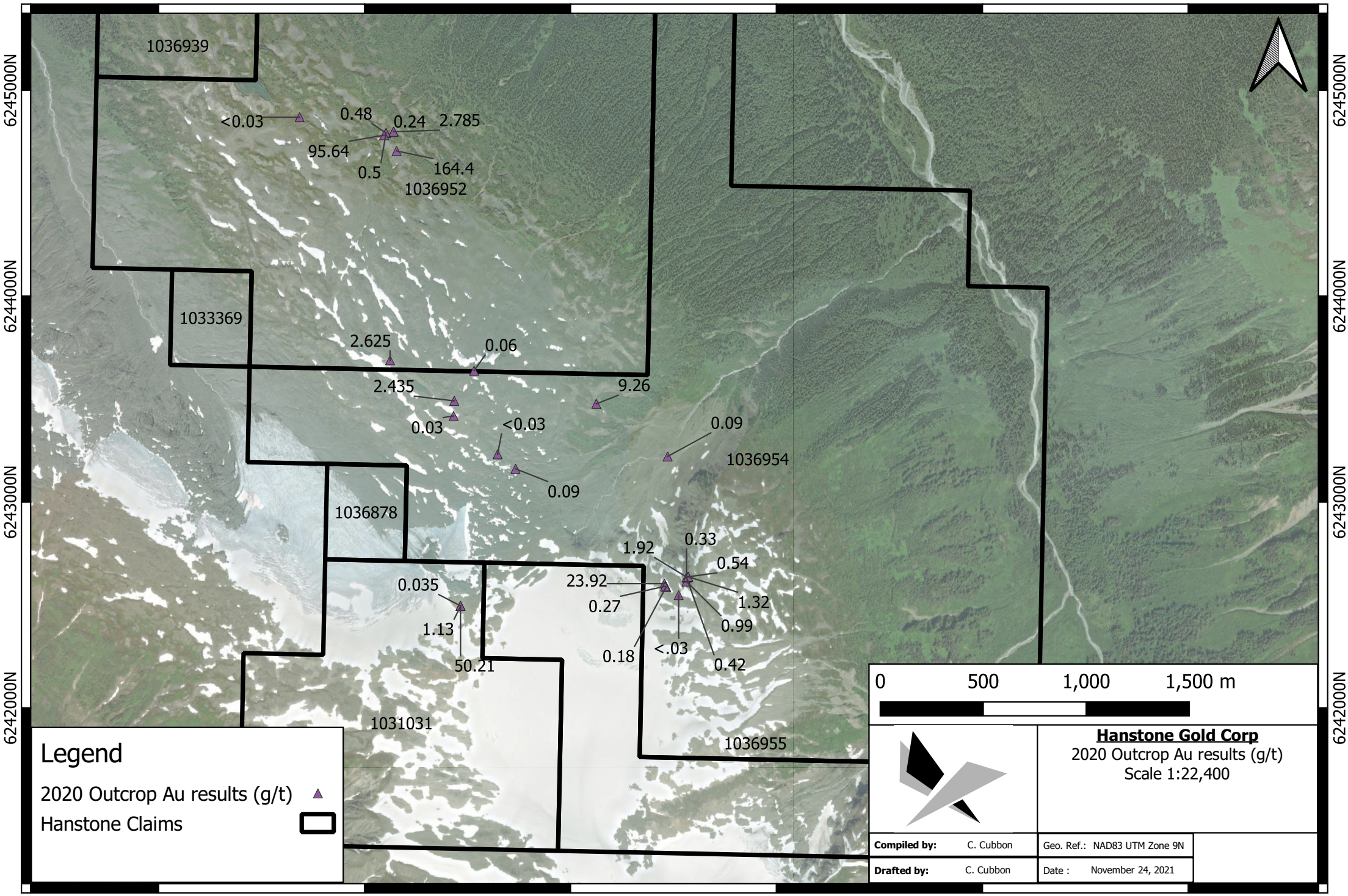
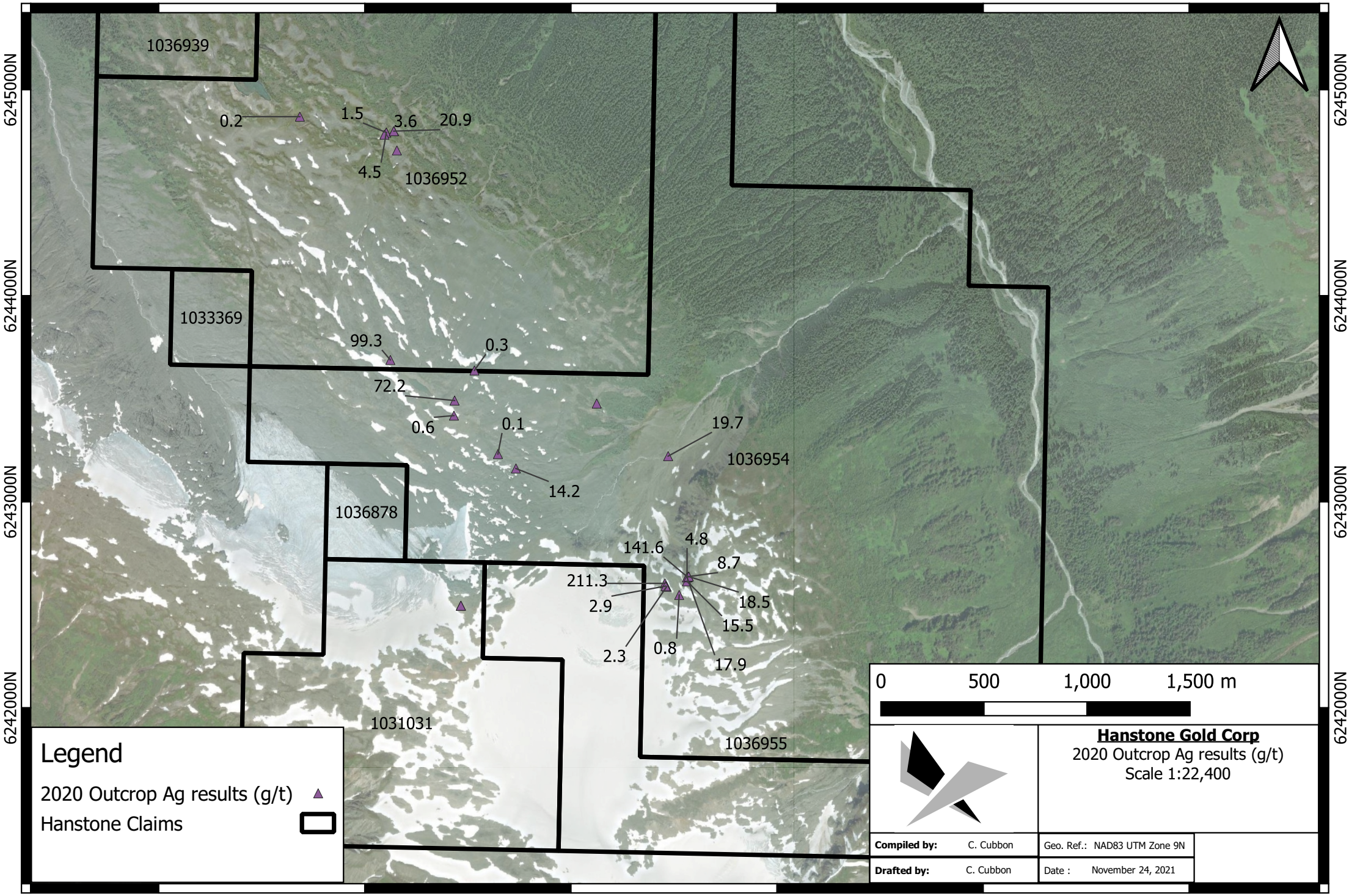
6244000N
6243500N
6243000N
6242500N
6242000N
6241500N
6241000N
1036939
1036952
1036954
1036955
1031031
A0867951
A0862960
A0867952
A0862961
A0862962
35776
35777
A0862954
A0862956
A0862955
A0862957
35778
A0867926
A0862958
A0867934
A0867936
A0867931
A0862959
A0867933
A0867932
35781
A0867940
A0867938
A0867937
A0867935
0 250 500 750 1,000 1,250 1,500 m
Legend
2020 Outcrop Sampling
Quartz Veining
Hanstone Claims
Hanstone Gold Corp
2020 Outcrop Sampling Map
Scale 1: 17,500
Compiled By: M. Kaczmer
Geo. Ref. NAD83 UTM Zone 9N
Drafted By: M. Kaczmer
Date: January 27, 2020
Figure:


409000E
410000E
411000E
412000E
413000E
414000E
6245000N
6244000N
6243000N
6242000N
1036939
1033369
1036878
1031031
1036952
1036954
1036955
<0.03
0.48
0.24
2.785
95.64
0.5
164.4
2.625
0.06
2.435
9.26
0.03
<0.03
0.09
0.09
1.92
0.33
0.54
23.92
0.27
1.32
0.99
0.035
1.13
50.21
0.18
<.03
0.42
0
500
1,000
1,500 m
Legend
2020 Outcrop Au results (g/t)
Hanstone Claims
Hanstone Gold Corp
2020 Outcrop Au results (g/t)
Scale 1:22,400
Compiled by: C. Cubbon
Drafted by: C. Cubbon
Geo. Ref.: NAD83 UTM Zone 9N
Date : November 24, 2021


409000E
410000E
411000E
412000E
413000E
414000E
6245000N
6244000N
6243000N
6242000N
1036939
1033369
1036878
1031031
1036952
1036954
1036955
0.2
1.5
3.6
20.9
4.5
99.3
0.3
72.2
0.6
0.1
14.2
19.7
141.6
4.8
8.7
211.3
2.9
18.5
15.5
2.3
0.8
17.9
Legend
2020 Outcrop Ag results (g/t)
Hanstone Claims
0
500
1,000
1,500 m
Hanstone Gold Corp
2020 Outcrop Ag results (g/t)
Scale 1:22,400
Compiled by: C. Cubbon
Drafted by: C. Cubbon
Geo. Ref.: NAD83 UTM Zone 9N
Date : November 24, 2021

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Tyler Fiolleau / Geologist		58	$800.00	$46,400.00	
Robbie Mohrbutter / Geologist		13	$500.00	$6,500.00	
Grant Sabraw / Geologist		19	$275.00	$5,225.00	
Ray Marks / Mine Supervisor		86	$500.00	$43,000.00	
John Olydam / Carpenter		8	$500.00	$4,000.00	
Darren Slugoski / Geologist		11	$800.00	$8,800.00	
Kayden Workun / Labourer		19	$250.00	$4,750.00	
Kayden Workun / Labourer		16	$300.00	$4,800.00	
Andrew Laarz / Geological Technician		21	$410.00	$8,610.00	
Shawn Buker / Labourer		16	$400.00	$6,400.00	
Jennifer Cowles / Cook and First Aid		18	$1,250.00	$22,500.00	
Jennifer Cowles Mine Supervisor		33	$150.00	$4,950.00	
Simon Bew / Cook and First Aid		20	$850.00	$17,000.00	
Simon Bew / Camp Man		18	$278.28	$5,009.06	
Simon Bew / Camp Maintenance		26	$400.00	$10,400.00	
Kelly Tindal / Cook and First Aid		23.5	$850.00	$19,975.00	
Glen / Cook and First Aid		7	$850.00	$5,950.00	
Ricardina Domina / Cook's helper		16	$250.00	$4,000.00	
Ricardina Domina / Camp help		2	$150.00	$300.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
				$228,569.06	**$228,569.06**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Literature search	Tyler Fiolleau (June 15-July 10)	12.0	$166.67	$2,000.00	
Data compilation	Axiom Group (Oct 2-10 2020)	8.0	$625.00	$5,000.00	
Computer modelling	Tyler Fiolleau, Max Kaczmer (Sept 30 - Dec 30)	15.0	$0.00	$10,000.00	
			$0.00		
Reprocessing of data (Magnetics)	Peter Dueck		$0.00	$5,000.00	
Project oversight and Management	Tyler Fiolleau		$0.00	$10,000.00	
			$0.00		
General research	Tyler Fiolleau, Robbie Mohrbutter	10.0	$0.00	$8,000.00	
Report preparation	Tyler Fiolleau / Max Kazcmer	6.0	$0.00	$4,400.00	
Permit application	Shane Uren, Jonathan Olsen		$0.00	$24,338.64	
				$68,738.64	**$68,738.64**
Airborne Exploration Surveys	**Line Kilometres / Enter total invoiced amount**				
Aeromagnetics	76.81 km		$0.00	$21,929.53	
Radiometrics			$0.00	$0.00	
Electromagnetics			$0.00	$0.00	
Gravity			$0.00	$0.00	
Digital terrain modelling			$0.00	$0.00	
				$21,929.53	**$21,929.53**
Remote Sensing	**Area in Hectares / Enter total invoiced amount or list personnel**				
Aerial photography			$0.00	$0.00	
Satellite Analysis - Doc	1704.23 Ha			$24,006.25	
LANDSAT			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$24,006.25	**$24,006.25**
Ground Exploration Surveys	**Area in Hectares/List Personnel**				
Geological mapping					
Regional		*note: expenditures here*			
Reconnaissance		*should be captured in Personnel*			
Prospect		*field expenditures above*			
Underground	Define by length and width				
Trenches	Define by length and width			$0.00	**$0.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	*note: expenditures for your crew in the field*				
SP/AP/EP	*should be captured above in Personnel*				
IP	*field expenditures above*				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				$0.00	**$0.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)		970.0	$58.81	$57,045.89	
Stream sediment			$0.00	$0.00	
Soil	*note: This is for assays or*		$0.00	$0.00	
Rock		33.0	$58.81	$1,940.74	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$58,986.63	**$58,986.63**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Diamond	21 holes, HQ, 2724 m	2724.0	$309.13	$842,070.17	
Reverse circulation (RC)			$0.00	$0.00	
Rotary air blast (RAB)			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$842,070.17	**$842,070.17**
Other Operations	**Clarify**	**No.**	**Rate**	**Subtotal**	
Trenching			$0.00	$0.00	
Bulk sampling			$0.00	$0.00	
Underground development			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Reclamation	**Clarify**	**No.**	**Rate**	**Subtotal**	
After drilling			$0.00	$0.00	
Monitoring			$0.00	$0.00	
Other (specify)			$0.00	$0.00	

Costs related to the work for this year may seem higher than expected due to several reasons: 1. A new contractor familiarizing and assimilating data, incorporating historical work with new work done. 2. Using updated new software that requires data in certain formats. Data conditioning time was high. 3. No previous computer models were built, Axiom started from scratch for much of the work done on the project.

Transportation		**No.**	**Rate**	**Subtotal**							
Airfare	Travel for crew to and from site		$0.00	$105,917.43							
Taxi			$0.00	$0.00							
truck rental			$0.00	$0.00							
kilometers			$0.00	$0.00							
ATV			$0.00	$0.00							
fuel	Total Diesel and Gasoline		$0.00	$5,530.80							
Pilot Crew Change	3 x 2 pilots ($500 each)	3.00	$1,000.00	$3,000.00							
Helicopter (hours)	B2 Rate	82	$1,875.00	$153,937.50							
Helicopter (hours)	B3 Rate	265	$2,175.00	$575,287.50							
Fuel (litres/hour)	Litres	27658.00	$1.95	$53,933.10							
Other											
				$897,606.33	**$897,606.33**						
Accommodation & Food	**Rates per day**										
Hotel			$0.00	$2,231.87							
Camp			$0.00	$0.00							
Meals	Groceries - Actual Costs		$0.00	$25,191.92							
				$27,423.79	**$27,423.79**						
Miscellaneous											
Communications			$0.00	$14,129.61							
				$14,129.61	**$14,129.61**						
Equipment Rentals											
Field Gear (Specify)			$0.00	$0.00							
Storage trailer				$8,621.83							
Truck 1				$6,400.00							
Truck 2				$5,000.00							
2 Trailers				$4,300.00							
ATV / Quad				$2,150.00							
Mahindra ATV				$12,550.00							
Other (Specify)											
				$39,021.83	**$39,021.83**						
Freight, rock samples				8,880.66							
Core Boxes			$0.00	$6,000.00							
			$0.00	$0.00							
				$14,880.66	**$14,880.66**						
TOTAL Expenditures					**$2,237,362.50**						