Alianza Minerals Ltd.

2019 GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING REPORT ON THE HALDANE PROJECT

Haldane 1-99	YC56767-865
Nur 1-20	YC10798-817
Clarkston 1-12	YC10969-980
Fara 1-12	YC10981-992
HAO 1-289	YE52601-889

Located in the Mt Haldane area
Mayo Mining Division
NTS 105M/13
63°52' N Latitude; 135°52' W Longitude
Work performed June 16-September 18, 2019

-prepared for-

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1.0 SUMMARY

The Haldane property is a structurally-controlled-silver-vein prospect located within the Keno Hill silver district in the central Yukon. The Keno Hill silver deposits produced well over 214 million ounces of silver in a long history of mining from 1918 to 1989, with intermittent production recommencing in 2011. Mineralization in the district is dominantly controlled by northerly trending vein-faults, and consists of galena, sphalerite and, locally, tetrahedrite-tennantite in siderite-quartz gangue. The best mineralization occurs where the mineralized structures cut the Basal Quartzite Member of the Keno Hill Quartzite Formation. The Haldane property hosts a similar geological setting with associated mineralization, located about 25 km west of the main Keno Hill deposits.

Between June 16th and 30th, 2019, a Phase 1 field program of soil sampling, geological mapping and rock sampling, and trenching was completed on the Haldane property. The main objective of the program was in-fill soil sampling and geological mapping around the recently discovered Bighorn anomaly (Jones, 2018), and to track favourable quartzite units through the unexplored northwest portion of the property. Additional in-fill soil sampling and some mapping was done north of Bighorn Creek along the Mt. Haldane Vein System ("MHVS"), a well-mineralized structural corridor that crosses north-south through the centre of the property. Geological mapping and rock sampling were also done north of the Ross Soil Anomaly and in upper Bighorn Creek drainage. A crew of 5 people, consisting of 2 mappers, 2 samplers and an excavator operator were involved in the program, which was based from the Silver Trail Lodge, adjacent to the property on Highway 11. A total of 412 soil and 122 rock (surface and trench) samples were submitted for analysis.

A Phase 2 diamond drilling program was completed between August 12 to September 15, 2019. A total of 963 metres were drilled in 4 holes. The drill holes tested three separate targets; the Ross Soil Anomaly (drill hole HLD19-14, 225 m), the Bighorn Soil Anomaly (HLD19-15, 351m), and down-plunge from high grade silver mineralization in the Middlecoff Zone (HLD19-16, 187m, and HLD19-17, 200m). This program required 373 person days, consisting of geological, drill and support crews. A total of 340 drill core samples, including control and duplicate samples, were collected during the drill program.

The geology of the soil sample grid in the northwest part of the property is dominated by quartzite and phyllitic quartzite of the Keno Hill Quartzite Formation ($\mathbf{M_{KH}}$), underlain by schist of the Metavolcanic Unit ($\mathbf{M_{EV}}$). Soil sampling in the area encountered difficult conditions, including permafrost, but a fairly consistent sample grid was established. The geochemical results are generally subdued relative to the nearby Bighorn anomaly with two broad, weak to moderate Pb-Ag-Sn-Zn anomalies hosted in quartzite in an area of very limited outcrop. The 2019 soil sampling refined the Bighorn Anomaly, expanding it to 900 by 150m and returning numerous samples with very highly anomalous results for Pb, Ag and Sn, including one sample with >10,000 ppm Pb and 63.8 g/t Ag.

The Bighorn Anomaly has quickly advanced to a strong target for further exploration. The 2019 mapping, trenching and diamond drilling identified a set of northerly trending vein-faults within the bounds of the soil geochemical anomaly. The lone drill hole effectively cut a cross section through the middle of the anomaly, intersecting several vein-faults mineralized with galena, sphalerite and pyrite in siderite-quartz gangue. Results include 125.7 g/t Ag and 4.39% Pb over 2.35 m (core length) in a mineralized fault zone (Ag:Pb = 29). The mineralogy and geological setting of the vein-faults at Bighorn are characteristic of the Keno Hill Mining camp. It is important to note that the sulphide mineralization occurs relatively close to surface compared with other zones on the property which should enhance recovery in drilling and give a clearer understanding of the grades. Exploration should continue with systematic drilling to refine the fault orientations, identifying the stronger vein-faults, and testing for mineralized shoots within the structures, particularly targeting the massive quartzite sections adjacent to the phyllite-dominant layers that cross the area.

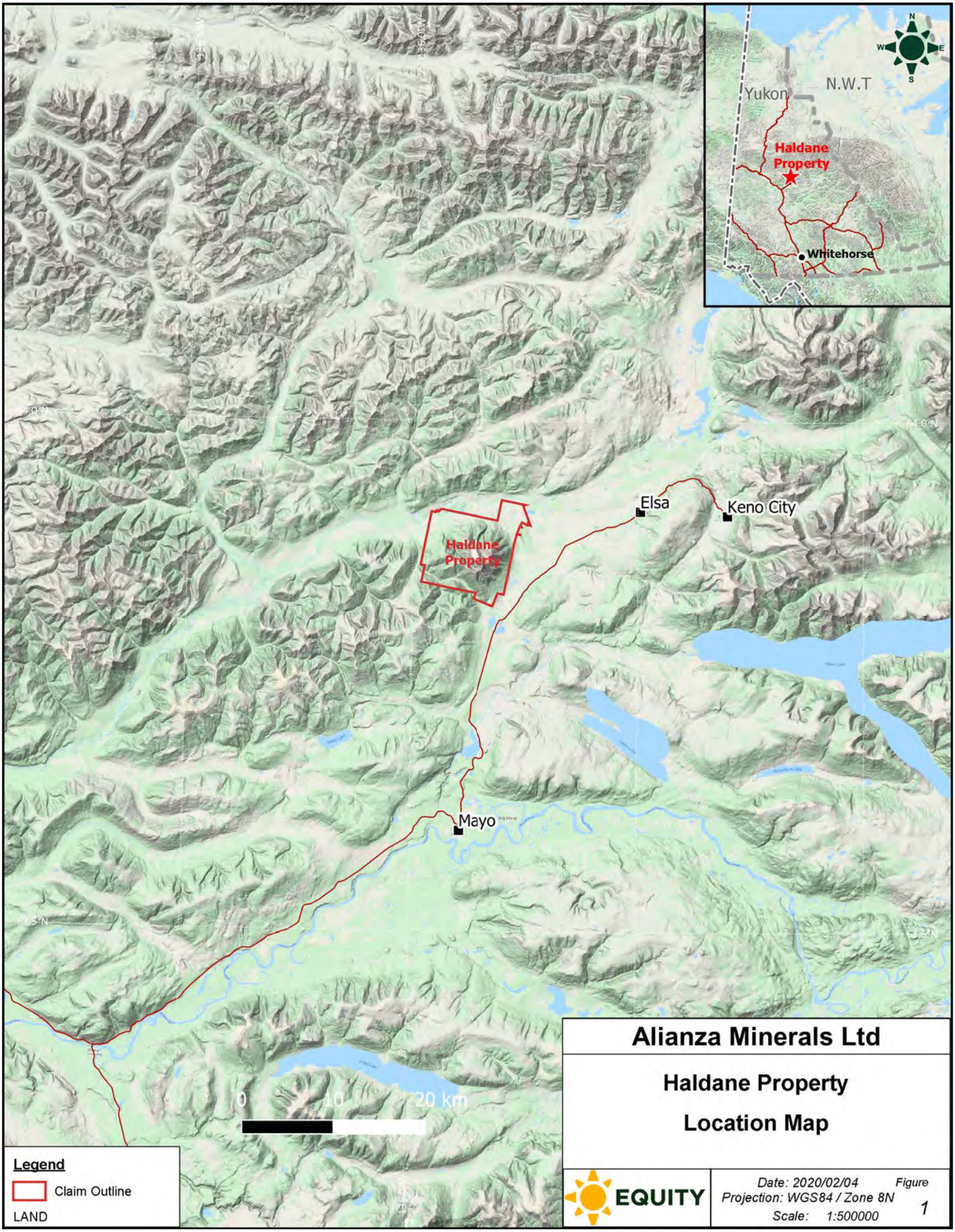
Drilling at the Middlecoff Zone has provided better understanding of the width and style of mineralization adjacent to the underground workings and confirmed a separate, mineralized zone in the footwall to the main zone first intersected in 2010 drilling. Drilling in 2019 confirmed that the mineralization in underground is open along strike to the south beneath the Ewing Fault. The Middlecoff Zone near surface is highly oxidized but the drill holes contain remnants of sulphide mineralization suggesting that it may be possible to intercept sulphide-dominated zones as we move away from groundwater pathways such as the Ewing Fault. High grade results seem to be related to the presence of sulphides and this is reflected in the 2019 drilling where 966 g/t Ag and

28.3% Pb (Ag:Pb = 35) was returned from a sample with a seam of fine-grained galena. This section near the hanging wall contact of the Middlecoff Zone contains elevated Au, Cu and Sb. Below this interval, 455 g/t Ag over 1.02m (Ag:Pb = 1160) was returned from a vein of massive pyrolusite-goethite, after oxidized siderite-sulphide mineralization, occurring within a 10.66 m interval averaging 125.6 g/t Ag and 1.27% Pb. The Footwall Vein in hole HLD19-16, which comprises massive pyrolusite and goethite but no sulphide, returned 42.7 g/t Ag, 0.15% Pb and 1.24% Zn over 2.15m (Ag:Pb = 289).

The drill test of the very highly anomalous Pb-Zn-Ag soil results at the Ross Anomaly did not intersect significant mineralization. Drilling returned disseminated galena-sphalerite in sheared phyllite and schist below the anomaly although not in quantities that would explain the tenor of the soil anomaly. This mineralization occurs in relatively ductile rocks of the Sourdough Member that would not be considered the best possible host for vein formation. The drill hole was intended to cross into quartzite of the Basal Quartzite Member before cutting beneath the soil anomaly, as this is the more prospective host rock for vein formation. However, the quartzite is deeper than expected and was intersected near the end of the drill hole, beyond the surface expression of the soil anomaly. A further test of the anomaly should be considered stepping the drill collar back and cutting below this highly prospective soil anomaly looking for a quartzite host, probably at about 200m depth.

Additional exploration is warranted on the Haldane property as it is a large property with multiple prospects showing evidence for high grade silver-lead-zinc mineralization. There are compelling targets for drilling at the Middlecoff Zone and Bighorn Anomaly. As well, additional targets are present within the MHVS north of Bighorn Creek at the Johnson Adit area, the Main Zone and the West Fault. Of note, drill hole HLD11-09 intersected 320.0 g/t Ag, 0.67% Pb, 0.86% Zn and 1.118 g/t Au over 2.20m on the West Fault, in oxidized mineralization almost 200m below the surface, that has never been followed up since it was drilled in 2011. This hole tests the West Fault about 225m north of any other drill holes and is in an area of little surface geochemical information. Exploration in this area has been partially frustrated by difficult drilling conditions.

Other geochemical and geological targets exist in the north and east parts of the property, such as the North Star anomaly and Strebchuk Showing, and these should be investigated with additional groundwork including detailed mapping of areas of interest, in conjunction with rock sampling and fill-in soil geochemical surveys.



Alianza Minerals Ltd

Haldane Property

Location Map

EQUITY

Date: 2020/02/04
Projection: WGS84 / Zone 8N
Scale: 1:500000

Figure 1

2.0 INTRODUCTION

This report has been prepared by Equity Exploration Consultants Ltd. ("Equity") for Alianza Minerals Ltd. ("Alianza"), which has a purchase agreement to acquire 100% of the Haldane and HAO Claims from Equity and has acquired 100% of the contiguous "Ross Claims" (NUR, Fara, Clarkston) from the estate of John Peter Ross. The report is based on a field exploration program, comprising two phases that were completed on the Haldane claims in the period from June 16th to June 30th and August 10th to September 17th, 2019 by Equity and on previous work from private company files, publicly available assessment reports and government publications. A complete list of references is provided in Appendix A. The author both supervised and participated in the 2019 field program.

3.0 RELIANCE ON OTHER EXPERTS

Other than data gleaned from previous reports on the property and government geological and geochemical survey reports, the author has not relied upon other experts for the technical information in this report. In Section 4.0, the author has relied entirely on the Yukon Mining Recorders website for claim information and downloaded shapefile tenure data.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Haldane property is approximately 30 km north of Mayo, Yukon and about 2 km west of Highway 11, which runs between Mayo and Keno City (Figure 1). The main Keno Hill mining camp deposits lie approximately 25 km east of the property. The Haldane property (Figure 2) consists of 432 contiguous quartz mineral claims for a total of 8,579 hectares (21,198 acres) in the Mayo Mining District of the Yukon (Table 1).

The Haldane and HAO claims are registered to Equity Exploration Consultants Ltd. of Vancouver, BC. The adjacent "Ross Claims" (Nur, Clarkston and Fara claims) are registered to Alianza Minerals Ltd. Alianza has an agreement to purchase 100% of the Haldane claims from Equity. The claims are centred at 63°52'N latitude and 135°52'W longitude on the National Topographic System 105M/13 map sheet.

Alianza's ownership of the mineral claims entitles it to the subsurface mineral rights only, with any exploration work requiring the appropriate permits. Alianza currently has a 10 year Class 3 Yukon Mining Land Use permit to conduct mineral exploration, within limits imposed by the permit, on the Haldane property. This permit expires on November 25, 2028.

The Property is not subject to any direct Aboriginal Land Claims.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

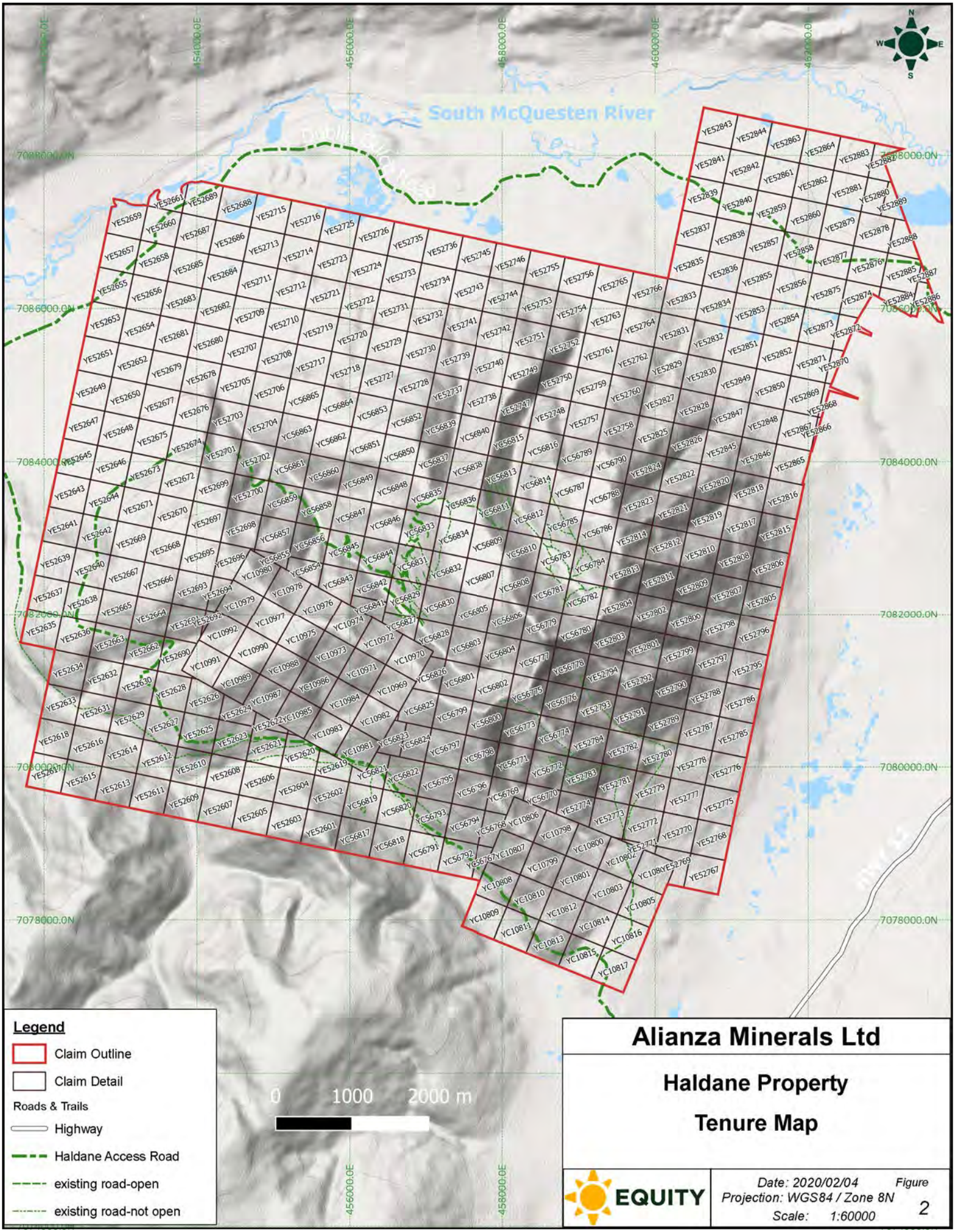
A four-wheel drive road leaves Highway 11 at Halfway Lakes, 24 kms north of Mayo, Yukon and passes through the southern part of the Haldane property. A branch road built in the 1960's reaches to the Bighorn Creek valley from he west and was re-habilitated in 2011 to provide access to underground workings and trenches along the MHVS. Accessing the property from the east can be accomplished on foot along largely overgrown bulldozer trails. Ten kilometres northeast of Halfway Lakes along Highway 11 is a turn-off for the Dublin Gulch road that crosses the northern portion of the property. Charter helicopter service is generally available in Mayo throughout the summer field season. Elevations on the Haldane property range from 790 to 1838 m. Outcrop exposures are good on ridges but most slopes are extensively talus covered.

Climate is classified as sub-arctic with long cold winters and short, cool summers. Average temperature can range up to 20°C from June to August, with the greatest amount of precipitation falling during the same time period. Mayo, with a population of approximately 500 people, is the local supply centre with a medical centre, grocery and supplies stores, several motels and a local airport with scheduled air service from Whitehorse. Travel time to Whitehorse by road is approximately 4 1/2 hours via Yukon highways 11 and 2.

Table 1: Claims comprising the Haldane Property

Claim Name	Mineral Tenure No.	Recorded Owner	Record Date	Expiry Date[1]
Haldane 1-99	YC56767-865	Equity Exploration[2]	July 31, 2007	January 31, 2029
Nur 1-20	YC10798-817	Alianza Minerals Ltd.	June 2, 2003	January 31, 2025
Clarkston 1-12	YC10969-980	Alianza Minerals Ltd.	September 19, 2003	January 31, 2025
Fara 1-12	YC10981-992	Alianza Minerals Ltd.	September 15, 2003	January 31, 2025
HAO 1-8	YE52601-642	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 9-18	YE52643-650	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 19-24	YE52651-652	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 25-34	YE52653-654	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 35-42	YE52655-661	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 43-50	YE52662-669	Equity Exploration[2]	June 14, 2011	January 31, 2029
HAO 51-52	YE52670-677	Equity Exploration[2]	June 14, 2011	January 31, 2028
HAO 53-54	YE52678-681	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 55-61	YE52682-686	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 62-69	YE52687-689	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 70-77	YE52690-696	Equity Exploration[2]	June 14, 2011	January 31, 2029
HAO 78-81	YE52697-708	Equity Exploration[2]	June 14, 2011	January 31, 2028
HAO 82-86	YE52708-710	Equity Exploration[2]	June 14, 2011	January 31, 2026
HAO 87-89	YE52711-712	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 90-96	YE52713-716	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 97-108	YE52717-720	Equity Exploration[2]	June 14, 2011	January 31, 2029
HAO 109-110	YE52721-724	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 111-112	YE52725-726	Equity Exploration[2]	June 14, 2011	January 31, 2026
HAO 113-116	YE52727-730	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 117-120	YE52731-734	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 121-124	YE52735-736	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 125-126	YE52737-740	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 127-130	YE52741-744	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 131-134	YE52745-746	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 135-136	YE52747-750	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 137-140	YE52751-754	Equity Exploration[2]	June 14, 2011	January 31, 2027
HAO 141-144	YE52755-756	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 145-146	YE52757-760	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 147-150	YE52761-764	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 151-154	YE52765-766	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 155-156	YE52767-794	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 157-160	YE52795-796	Equity Exploration[2]	June 14, 2011	January 31, 2025
HAO 161-164	YE52797-804	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 165-166	YE52805-806	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 167-194	YE52807-814	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 195-196	YE52815-820	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 197-204	YE52821-828	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 205-206	YE52821-828	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 207-214	YE52821-828	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 215-220	YE52821-828	Equity Exploration[2]	June 14, 2011	January 31, 2023
HAO 221-228	YE52821-828	Equity Exploration[2]	June 14, 2011	January 31, 2024
HAO 229-289	YE52829-889	Equity Exploration[2]	June 14, 2011	January 31, 2022
	432 units			

[1]Pending approval of assessment work in this report, [2]Equity Exploration Consultants Ltd.



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Haldane Property

Tenure Map

EQUITY

Date: 2020/02/04
Projection: WGS84 / Zone 8N
Scale: 1:60000

Figure 2

6.0 HISTORY

Prospectors entered the Keno Hill area as early as the 1890's and there is some evidence that they located silver mineralization on Mt. Haldane but the earliest documented work on the Haldane property dates to 1918 in a GSC report by Cockfield (1919) that describes three adits and one sub-level on the Middlecoff Zone on the south side of Bighorn Creek (Figure 3). The mineralized veins were traced over 600 m on surface and the underground development produced 24.7 tonnes of hand-sorted ore that graded 3102 g/t Ag and 59% Pb. About the same time, work was taking place on the Johnson Vein on the north side of Bighorn Creek, including a short adit. In 1926 and 1927 the Johnson Vein produced a total of 2.1 tonnes of hand-sorted ore at 4602 g/t Ag and 57.9% Pb. Both workings are on the MHVS, lying on the west slopes of Mt. Haldane.

Subsequently, very little work was reported in the area until 1963, when the property was acquired by Silver Titan Mines, a company controlled by the well-known Dr. Aaro Aho. Silver Titan rehabilitated the old Middlecoff workings, drilled one surface drill hole for 61.6 m and discovered additional mineralization through minor soil sampling, and extensive bulldozer trench work (private company reports). The property was optioned to Haldane Silver Mines in 1966 and they carried out 701 m overburden drilling in 43 holes, and 487 m underground drifting in the Lower Johnson adit, and 518 m of underground drilling around the Middlecoff Zone. Chip sampling underground on a winze from the lower level in 1964 returned an average of 775 g/t Ag in a series of chip samples along 13.7 m of a vein averaging 1.0 metre wide (Silver Titan, internal reports and memos).

The Mayag Syndicate did a small soil grid in 1979, consisting of 232 samples, to the south and upslope of the Middlecoff adits to try to trace mineralization on the vein system (Way, 1979). Weakly elevated lead values indicated the trace of a structure to the ridge top. In 1989, a brief prospecting and mapping program was initiated but not completed or recorded, including additional geological mapping and confirmation rock sampling on the MHVS (company files).

Table 2: Significant historic results from the Mt. Haldane Vein System*

Location	Type	Width (m)	Ag (g/t)	Pb (%)	Zn (%)	Comment
Middlecoff Zone						
upper adit	chip	0.61	3353	15.8		at face
middle adit	chip	1.62	466	8.1		at face
middle adit	core	1.2	2791	18.7		west of Ewing fault?
middle adit	core	0.9	343	7.1		west of Ewing fault?
lower adit	chip	ave. 0.82	939	20.0	0.75	6.1 m along A vein
lower adit winze	chip	ave. 0.98	775	18.0	1.2	13.7 m along A vein
(Jones, 2008)	select	0.10	5030	55.5	0.13	0.72 g/t Au
Johnson Zone						
	chip	1.52	473	5.5	1.5	120 m S of Johnson
	grab	n.a.	5375	39.7		
(Jones, 2008)	Float	0.15	955	42.1	0.54	16.9 g/t Au, oxidized
Main Zone						
	chip	7.6	151	0.6	1.6	Main Zone
	chip	1.1	782	5.3	1.4	100 m S of Main
(Jones and Branson, 2011)	chip	3.60	223	0.62	1.17	0.121 g/t Au, Mn breccia

*pre-1968 unless indicated by reference

East of the MHVS, United Keno Hill Mines staked the H claims on the east half of Mt. Haldane based on stream geochemistry released by the GSC in 1964 and in 1966. They conducted geological mapping, soil sampling and some chip sampling (Heard, 1966). The soil survey covered an area of 1700 by 2500 m to the north and east of North Star Creek, with 1552 soil samples on a 300' by 100' grid. The soil samples were

analysed for Ag, Pb, Zn and Cu at a field lab in Calumet (Keno Hill). The survey defined a strong Pb-Zn soil anomaly over 300 by 50 m in the southwest corner of the grid, roughly coincident with a select sample of mineralized fault breccia from the Strebchuk Showing that reportedly assayed over 1600 g/t Ag and 70% Pb (Table 2). Additional spotty Pb-Zn geochemical anomalies (defined by 50 ppm Pb and 100 ppm Zn) are present in the north part of the grid, near the lower contact of the Keno Hill Quartzite Formation. Just east of the peak of Mt Haldane, chip sampling on a 200 m long, flat-dipping quartz vein with very local, scattered sulphide mineralization returned up to 6206 g/t Ag over 0.38 m (the "Peak Vein", Table 2). Silver Spring Mines Ltd. did a very minor amount of soil and silt sampling in the area in 1968 (Sadlier-Brown, 1968) and did not report significant results.

Table 3: Significant results from outside the Mt. Haldane Vein System*

Location	Type	Width (m)	Ag (g/t)	Pb (%)	Zn (%)	Comment
Sundown Showing						
	Chip	1.4	402	0.12	0.14	at edge of dyke
Mt. Haldane, Peak Vein						
	chip	0.38	6206	3.5		quartz vein, stringers
	chip	0.51	5279	13.1		quartz vein
	chip	0.81	1885	10.8		quartz vein
(Jones, 2008)	chip	0.70	162	0.58	0.05	3180 ppm As
North Star cirque, Strebchuk Showing						
	select	n.a.	1602	70.2		fault breccia
(Jones, 2018)	Grab	0.15	8.3	0.47	0.20	from breccia, ~1m wide
Fortune Creek Basin						
(Jones, 2008)	Chip	1.10	59.2	0.05	0.001	3670 ppm As
(Jones, 2008)	Select	0.15	267	0.42	0.003	>10,000 ppm As

*pre-1968 unless indicated by reference

In the late 1970's, exploration attention shifted with the discovery of Sn-W mineralization associated with Cretaceous-aged intrusions on the east slopes of Mt. Haldane. Work by the CCH Syndicate (Woodsend, 1978; 1979) and Billiton (Paul and Rota, 1982) in the late 1970's to early 1980's identified two showings with cassiterite mineralization, the Fed and Pro (Figure 3). However, geochemical surveys and rock sampling showed that Fed and Pro also have potential for Ag, Pb, Zn and Au mineralization. Recognition of gold mineralization associated with Cretaceous intrusions in the McQuesten River area, such as at the nearby Wayne Property, led to more work in the late 1980's by M.J Moreau Enterprises Ltd. on the east side of Mt. Haldane (Hulstein, 1989). Highlights of this work include elevated Au-Ag values in talus fine soil samples (10-172 ppb Au, 1.0-19.6 ppm Ag) and similar numbers in rocks in the upper Fortune-Aldis Creeks area. But this sample coverage was very limited with only 21 rocks, 34 soils, and 1 silt taken in only 3 or 4 days work. In his report, Hulstein (1989) notes that local prospector Louis Beauvette (pre-1920?) reported the "best mineralization" in an upper branch of Aldis Creek, possibly referring to silver mineralization given the intense activity at Keno Hill at the time, but this was not followed up in detail.

Expatriate Resources Ltd. did a 6-day, 3-person exploration program around the Sundown Showing in 2000 (Becker, 2000). The Sundown is located on the southern portion of the MHVS (Figure 3). The showing is not well described but centres on a sericite-altered felsic dyke with disseminated arsenopyrite mineralization. A chip sample on a quartz vein at the margin of this dyke in host phyllite returned 402 g/t Ag, 0.115% Pb, and 0.14% Zn over 1.4 m. A small 50 by 100 m sample-spacing soil grid over a 500 by 800 m area around the Sundown showing indicated a north trending Pb-Zn-Sb-Ag anomaly that is open to the north. Additional soil sampling at 150 m spacing along claim lines (about 900 m apart) picked up numerous spot anomalies (likely due to the wide spacing used) including a Au-As anomaly located along a north-south structure west of the Middlecoff Zone on the Ross claims. This structure projects to the soil anomaly outlined around the Sundown Showing. No prospecting was done outside of the Sundown Showing.

Prior to a small program by J.P. Ross in 2003, silts on the Nur claims were found to have anomalous As (up to 1000 ppm), Sn (up to 20 ppm) and W (up to 100 ppm) with no gold analyses. In 2003, J.P. Ross took 93 soils along claim lines with about 900 m spacing. Eleven float samples were also collected during this program. Soil assays were encouraging with highs of 63 ppb Au, 9785 ppm As, and 11.1 ppm Sb, whereas the highest assays for the float samples were 7 ppb Au, and 5281 ppm As. Numerous Au-As or Au trends, up to 1800 m long and open in both directions, were noted (Ross, 2004). In 2004, Klondike Gold Corp. entered into an option agreement with J.P. Ross on the Fara and Clarkston claims and he was also hired to work the claims. He collected 194 soil samples and 47 rock samples on the claims. Soil lines were spaced about 225 m apart with samples taken at 45 m intervals. The work outlined two anomalous Au soil samples to the north of the claims, and, though Pb-Zn-Ag values are generally low, a significant Pb-Zn-Ag anomaly is present in the southeast corner of the claim (Stirling, 2005).

In 2008, Equity performed field work on the Haldane claims intended to confirm the presence of high-grade Ag mineralization on the main MHVS (Jones, 2008). Grades up to 5030 g/t Ag and 55.5% Pb were found in select hand specimens from the Middlecoff adit dumps, and generally samples have a silver (in grams/tonne) to lead (in percent) ratio of 50 to 100. A grab sample of strongly oxidized float below the Johnson Adit returned 16.9 g/t Au, 955 g/t Ag and 42.1% Pb and the samples from the Johnson Adit area have a silver to lead ratio of 20 to 180. The work indicated that additional unrecognized and mineralized structures may be present, both within and on the east side of the MHVS.

Following the option of the Haldane, Clarkston, Fara and NUR claims by Habanero in the winter of 2010, Habanero conducted a work program undertaken by Equity consisting of 406.89 m diamond drilling in three holes, plus minor geological mapping and rock sampling (Branson, 2010). This was the first program of surface core drilling known in the history of the property. Two of the three holes were drilled to completion, one in the Johnson Adit area and the other in the Middlecoff Lower Adit area. The third hole was abandoned in overburden. Mineralization was encountered down dip from the adits in both holes with the best result being 101 g/t Ag over 2.0 metres in HLD10-02 at the Middlecoff Zone (Table 3).

Table 4: Significant drill results from the Mt. Haldane Vein System (2010-2013)

Showing	Hole	From (m)	To (m)	Drill Width (m)	Au (ppm)	Ag (g/t)	Pb (%)	Zn (%)	% Core Recovery
Main Zone									
	HLD13-12	9.57	12.65	3.08	0.122	83.8	0.14	1.39	49
West Fault									
	HLD11-09	207.75	213.97	6.22	0.482	139.4	0.294	0.452	78
	Including	209.40	211.60	2.20	1.118	320.0	0.666	0.856	85
	HLD11-06	52.43	55.47	3.04	0.472	190.8	4.333	2.605	19
	HLD13-13	47.67	48.25	0.58	0.010	136.0	0.001	0.040	57
Johnson Adit									
	HLD10-01	104.35	108.00	3.65	0.015	77.5	1.544	0.640	57
	HLD11-08	63.45	66.14	2.69	0.274	19.9	0.073	0.448	35
Middlecoff									
	HLD10-02	83.40	85.40	2.00	0.352	101.1	0.704	0.704	79
	HLD11-11	126.05	130.15	4.10	0.028	36.7	0.943	6.107	92

In 2011, Habanero completed a 2-phase field work program. The first phase consisted of geological mapping, prospecting (40 rock samples) line cutting and soil sampling (282 samples) on the MHVS and the access road was rehabilitated. This work defined significant Pb-Zn-Ag-Sb-Sn soil anomalies coinciding with known mineralized structures but also detected mineralization east and west of the main MHVS corridor and a few kilometres to the south adjacent to the access road in Black Creek valley. In the second phase, 9 drill holes for a total of 1404.5 metres were completed with six holes in the Main Zone, one hole in the Johnson Adit area,

and two holes in the Middlecoff area. Drill core recovery was very good where the ground was not broken but quite bad in fault zones, which tend to be associated with the mineralized structures. A total of 419 core samples (including blanks, standards and duplicates) and one rock sample were collected during the course of the second phase of the program. Despite poor recovery in the mineralized zones a significant mineralized intersection was encountered in hole HLD11-09 at depth on the West Fault, a previously unexplored target on the west side of the MHVS corridor.

A small drill program was completed by Habanero in 2013 between August 26 and September 2, 2013. Two HQ diamond drill holes were cored from two sites for a total of 125.35 metres. A mud program was put in place during the drilling to try to improve the poor core recovery within the MHVS corridor with minimal success. The holes intersected narrow mineralized zones but the target was disrupted by faulting in HLD13-12 and a diorite sill at target depth in HLD13-13. Results from this drilling are summarized in Table 3.

A geological mapping, rock, silt, and soil sampling, and minor excavator trenching program was conducted by Alianza Minerals Ltd. in the summer of 2018. The program was designed to investigate under-explored areas of the property underlain by the Keno Hill quartzite outside of the MHVS. In the course of the program 52 rock samples and 1210 soil samples were collected, including blanks and duplicates (~1 of each, every 40 soil samples) and 105 m of trenching were completed. The 2018 program was successful in defining a new Pb-Ag-Zn-Sn soil anomaly, dubbed the Bighorn Anomaly, in an area with no known previous work located 2.8 km west of the MHVS. This approximately 900m by 150 m anomaly lies within the Basal Quartzite Member of the Keno Hill Quartzite Formation and trends northerly, parallel to the main mineralized vein-faults elsewhere on the property.

7.0 REGIONAL GEOLOGY AND MINERALIZATION

7.1 Regional Geology

The Keno Hill area (Figure 3) is primarily underlain by a >1-kilometre-thick quartzite unit, the early Carboniferous Keno Hill Quartzite Formation (MKH). This unit overlies the metavolcanic member (MKV) of the mid to late Devonian to early Carboniferous Earn Group consisting of quartz- and feldspar-phyric chloritic phyllite with minor limestone horizons (Roots, 1997). Greenstone sills intrude the section and are concentrated in the lower part of the Keno Hill Quartzite Formation, the Basal Quartzite Member. The sills are Triassic-aged, foliation-concordant, and dioritic to gabbroic in composition (Td). Carbonaceous phyllite and siltstone with rare greywacke, conglomerate and felsic volcanic units (DMv, DMp) of the Earn Group underlie the metavolcanics member and represent the structurally lowest stratigraphy exposed in the area. The upper portion of the Keno Hill Quartzite Formation consists of siliceous phyllite and schist of the Sourdough Member that is, in turn, generally in thrust contact with overlying micaceous and siliceous phyllite and schist of the upper Proterozoic Hyland Group ($PYqp$, PYs). This thrust is known regionally as the Robert Service Thrust and the surface trace meanders from the Mt. Haldane area in the west through the Keno Hill area and off to the southeast near Mayo Lake.

Cretaceous granite, monzonite and granodiorite stocks (KT) intrude the section, such as the Roop Lakes stock east of Keno Hill. These intrusions range from metre-scale dykes to batholithic in size.

The overall structure of the area is dominated by two open antiforms: the broad, northwest-trending Mayo Lake Antiform with Keno Hill lying on its west limb, and the smaller, west-trending McQuesten Antiform which is superimposed on the west limb of the Mayo Antiform (Roots, 1997). The McQuesten Antiform extends west from Keno Hill to Mt. Haldane and both areas are situated on its southern limb, where bedding dips 30° south on average. The folds affect the stratigraphy above and below the Robert Service Thrust.

The Mt. Haldane area lies within the Tombstone Strain Zone, a shallow southerly-dipping shear zone with a penetrative structural fabric related to the underlying Tombstone Thrust (Roots, 1997). The penetrative fabric has overprinted previous structural features and bedding is commonly obscured. Deformation related to the Tombstone Thrust has affected the rocks above the overlying Robert Service Thrust, as well. The

Tombstone Thrust sheet and the underlying, less strained rocks have been folded by open folds and cut by north-east trending faults. Some of these late, brittle faults host mineralized veins in the Keno Hill camp. The veins may be related to a northeast trending, brittle shear zone (Lynch, 1989), and subparallel faults are present under Haldane Creek and cut the Robert Service Thrust South of Mt Haldane.

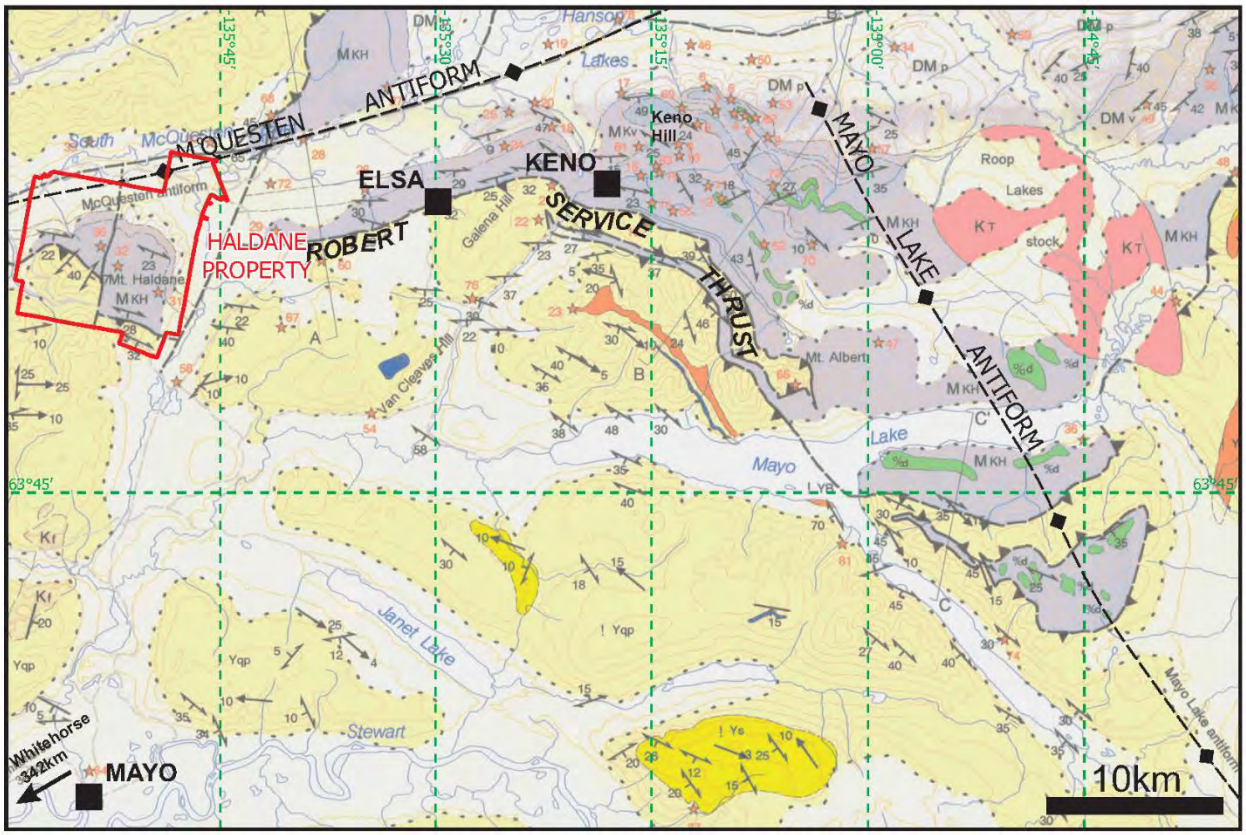


Figure 3: Regional geology around the Haldane Property. The Keno Hill mining district stretches from east of Keno Hill to west of Elsa. The Haldane property is outlined in red.

The Keno Hill area was inundated by glaciers in the Reid glaciations that occurred more than 200,000 years ago (Lebarge, 1996). Subsequently, regional glaciation occurred about 10,000 years ago but this event did not affect the upper slopes of Mt. Haldane, other than by local alpine glaciers i.e. in Bighorn Creek valley. As a result, weathering and oxidation in bedrock on Mt. Haldane has penetrated to substantial depths. This is particularly true of areas underlain by the Keno Hill quartzite that is susceptible to blocky fracturing and as a result has formed thick talus aprons on steeper slopes.

7.2 Regional Mineralization

The Keno Hill Silver Mining Camp produced over 214 million ounces of silver through a mining history that began in 1913 and ended in 1989 (Cathro, 2006), Production by Alexco Resources' Bellekeno Mine began in 2011 and has continued sporadically to 2018. Production statistics show 4.87 million tonnes were mined to 1989 with an average grade of 1389 g/t Ag, 5.62% Pb, and 3.14% Zn (Yukon Minfile, 2003). Alexco Resource Corp. is actively developing and exploring a very large land package in the Keno Hill mining camp that includes their Bellekeno mine. Current indicated resources can be found on Alexco's website (www.alexcoresource.com/).

All the ore in the Keno Hill mining camp comes from the south limb of the McQuesten Antiform, where northeast-striking, steeply southeast-dipping, normal "transverse" faults cut the Keno Hill quartzite. These faults show complex histories, including multiple episodes of mineralization, and have sinistral displacement ranging from a few metres to more than a kilometre. East to east-northeast trending "longitudinal" faults, likely representing linking structures between the transverse faults, also host vein mineralization. The veins may be offset by unmineralized northwest-striking cross faults, which commonly have moderate southwest dip and generally right-hand displacement of 10's of metres to a kilometre or more.

Keno Hill mineralization is simple open space filling, with no obvious chemical controls and minimal wall rock alteration. Grade and tonnage records indicate Pb/Zn ratio and Ag content decrease with depth (Roots, 1997), based on early mining of near surface ore shoots. Work by Alexco has shown that additional shoots are commonly present at depth (Ghaffari et al, 2009). Ore controls are structural, with veins filling available open space related to host rock competency, vein intersections, and proximity to cross faulting. The main ore mineralogy consists of galena, sphalerite, tetrahedrite and pyrargyrite, with gangue of manganiferous siderite, pyrite, arsenopyrite and quartz. Silver;lead ratios (g/t Ag divided by % lead) in the camp range from 30 to 5000 with an average of 205 (Cathro, 2006).

Lynch (1986) hypothesizes a district scale lateral zonation pattern in ore and gangue minerals based on proximity to an intrusive source (e.g. Roop Lakes Stock) for the Keno Hill Mining District and age dates on the mineralization and the intrusions (~90 Ma.) are similar (Roots, 1997). The intrusion-centred mineral zonation is similar to the plutonic-related gold deposit model (Thompson et al, 1999) that is described in the area. Deposits such as Eagle (Dublin Gulch) would represent the proximal, Au-rich end member of Lynch's model. Eagle is a sheeted-vein gold-tungsten deposit that is directly related to the local intrusion. The deposit has a N.I. 43-101-compliant resource of 222 Mt at 0.70 g/t Au in the Indicated category and 78 Mt at 0.63 g/t Au in the Inferred category with a 0.35 g/t Au cut-off grade (Mosher and Triebel, 2011) and has started production in 2019. The association of Sn-W mineralization in the plutonic gold model is also consistent with Lynch's mineral zoning model. In the Keno Hill area, tin-tungsten veins and skarn are located in the contact zones of Cretaceous intrusions, particularly in the intrusion carapace (Emond, 1986). Significant tin is present in sphalerite in the Keno Hill deposits (Watson, 1986) and Lynch (1986) suggests the potential for tin-tungsten mineralization at depth below Keno Hill.

8.0 PROPERTY GEOLOGY AND MINERALIZATION

8.1 Lithology

Figure 4 depicts the geology of the Haldane property. Mapping in 2019 focused on the western area overlooking the South McQuesten River, the ridge between the Ross Anomaly and the Middlecoff Zone, and upper Bighorn Creek basin. Bedrock exposure on Mt. Haldane is generally poor with large areas inundated by talus cover and/or thick bush. Generally, the ridges and very steep slopes have some bedrock exposure. The general descriptions below rely on previous mapping as well, (Jones, 2018; Jones and Branson, 2011).

A significant change to the interpretation of the geology of the south half of the Haldane Property was made in 2019. The previous interpretation of the Haldane property geology (Jones, 2018) followed the lead of the 1:50,000 geological map (Hunt et al, 1996). This map shows the south part of the property as Yuseyzu Formation of the Hyland Group, with the Robert Service Fault forming the lower contact, immediately above

the Basal Quartzite Member of the Keno Hill Quartzite Formation. However, this interpretation overlooks the Sourdough Member that constitutes the upper Keno Hill Quartzite Formation and is present immediately below the Robert Service Thrust elsewhere in the district, possibly because there is a strong lithological similarity between the Yuseyzu Formation and the Sourdough Member. In the current interpretation (Figure 4), the contact between the Sourdough and Basal Quartzite Members of the Keno Hill Quartzite Formation has been placed where Hunt et al (1996) placed the Robert Service Thrust fault. Replacing the Yuseyzu Formation with the Sourdough Member on the Haldane property completes the geological section of the Keno Hill Quartzite Formation as it is generally present elsewhere in the district. This interpretation is corroborated by the presence of a schistose grit unit in the lower part of Sourdough Member on the Haldane property, with dark to smoky grey quartz eyes, consistent with a unit in a similar stratigraphic position elsewhere in the Keno Hill district. The dark quartz eyes help to distinguish this unit from lithologically similar grit units in the Yuseyzu Formation that are characterized by mostly bluish quartz eyes. The Robert Service Thrust has been reinterpreted at the south boundary of the property, primarily based on the position of the south edge of a magnetic low, representing the low magnetic susceptibility of the Keno Hill Quartzite Formation.

Table 5: Lithologic/Stratigraphic legend for the Haldane Property

STRATIGRAPHIC UNIT	Description
Cretaceous	
GRNT	biotite granite
FELS	feldspar porphyritic, fine grained felsic dyke, locally quartz phyric
Triassic	
DIOR	medium green to blackish, foliated diorite, feldspar phyric
GBBR	gabbro, weak foliation, dark, locally pyroxenite
Middle Mississippian to Early Carboniferous, Keno Hill Quartzite, Earn Group	
PHYL, SCHS, LMST, GRIT	Sourdough Hill Member; mainly grey colour, platy quartzite, graphitic to limy schist, schistose limestone, lesser sericite, sericite-chlorite schist, schistose grit with clear and rare blue quartz eyes
QRTZ, QRZTphy, QRZTca	Basal Quartzite Member, grey weathering, thin to thick bedded quartzite (QRZT), grey to black phyllitic (QRZT phy), brown to buff weathering calcareous (QRZT ca), with graphitic partings or interbeds
Devonian to Lower Mississippian, Earn Group	
SCHS CL, MS PHYL	chlorite to chlorite-sericite schist, grey to green, sericitic phyllite, strongly foliated, highly deformed
Upper Proterozoic, Yuseyzu Formation, Hyland Group	
SCHS, PHYL, GRIT	micaceous phyllite to schist, phyllitic quartzite, thin bedded

The northern and western lower slopes of Mt Haldane are underlain by Earn Group rocks, sericitic phyllite (**PHYL**) and chlorite+/-sericite schist (**SCHS CL-MS**) of the meta-volcanic member (Plate 1) overlying carbonaceous sediments (not mapped).

The geology of the central Haldane property is dominated by an up to 2000 m, possibly structurally thickened, section of the Basal Quartzite Member of the Keno Hill Quartzite Formation that forms a wide band across most of Mt. Haldane (as per Hunt et al, 1996). This unit is characterized by thin to thick-bedded quartzite (**QRTZ**) with minor sericitic to biotitic phyllitic and schistose partings (Plate 2). The rock is grey to bluish-grey to, rarely, greenish in colour and strongly fractured resulting in blocky talus that inundates the surface locally. Within the overall quartzite section there are several phyllitic (**QRZTphy**), or dominantly phyllite (**PHYL**), layers that are grey to tan and locally pyritic (Plate 3), siliceous and/or carbonaceous. A phyllite-dominant section outcrops in North Star Creek northwest of the Strebchuk Showing. There is also a calcareous quartzite component (**QRZTca**), characterized by recessive weathering and weak gossan on the more calcareous layers (Plate 4), generally more common higher in the section but present throughout. Strong goethite and manganese oxides occur locally on fracture surfaces, primarily in close association with mineralized zones. Abundant quartz veins are common, typically <10 cm in width, and locally covered by weak to moderate manganese oxides. Veining is mostly foliation-parallel, but does cut foliation locally, particularly associated with faulting.

Attempts to define a consistent stratigraphic sequence within the Keno Hill Basal Quartzite section on the property have not been elucidating. There is commonly phyllitic quartzite close to the lower and upper contacts and calcareous quartzite occurs near the middle of the section. But the specific lithologies appear to be highly variably distributed.

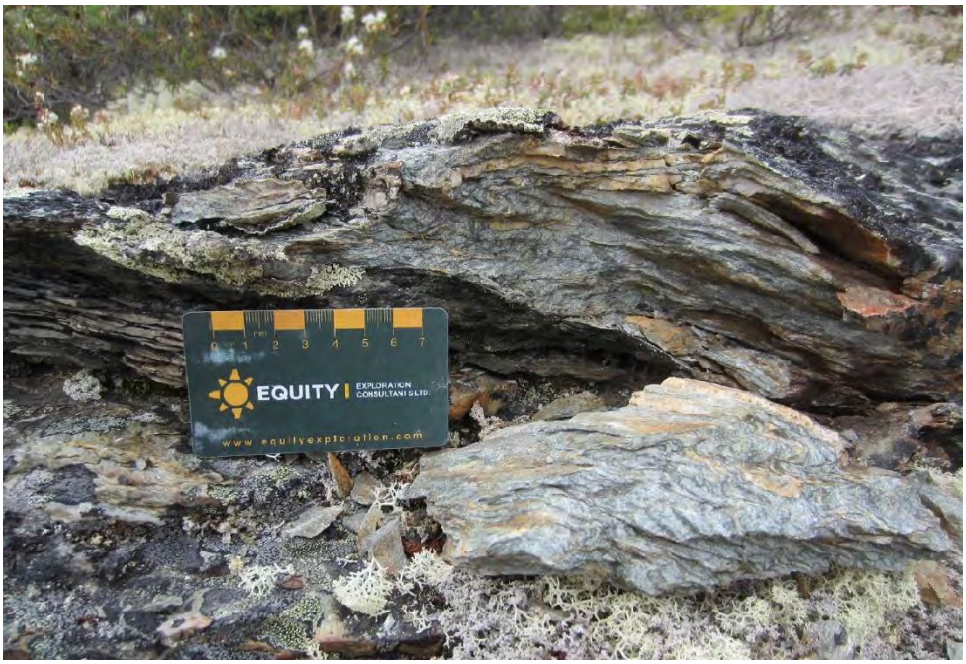


Plate 1: Chlorite to chlorite-sericite schist of the metavolcanic member (Dmv), Earn Group (455343E/7085066N).

Plate 2: Thick and thin bedded quartzite (QRZT) with phyllitic partings of Basal Quartzite Member, showing typical blocky fracture, Spire Creek (457825E/7084100N).

Plate 3: Phyllitic quartzite (QRZT phy) with pyritic layers producing jarosite staining, Basal Quartzite Member, North Star Creek (458350E /7083200N).

Plate 4: Variable weathering in QRZT ca, thin calcareous beds with recessive weathering and slightly gossanous surface, Basal Quartzite Member. Goethite and Manganese oxides occur on fractures (458000E/7083115N).

The southwest part of the property is underlain by sericitic, chloritic, and graphitic phyllite (**PHYL**)and schist (**SCHS**) (Plate 5), hosting interbeds of quartzite and grit (**GRIT**). These rocks are interpreted as part of the Sourdough Hill Member of the Keno Hill Quartzite. The contact between the lower Basal Quartzite Member and the Sourdough Hill Member, as recently interpreted, closely follows the access road in the Black Creek valley from the southeast and to where it is offset north to the vicinity of the Middlecoff Zone by a complex set of faults, historically combined as the “Ewing Fault” (Hunt et al, 1996). The offset is primarily west-side down, but with the relatively shallow south dipping stratigraphy, it gives the appearance of right lateral displacement of the contact. From the Middlecoff Zone, the contact tracks northwest along the south slopes of Bighorn Creek,

Plate 5: Deformed schist (SCHS) of Sourdough Member, south of Bighorn Anomaly (454700E/7083000N).

Plate 6: Typical foliated diorite (DIOR, right), with feldspar evident in groundmass, intrudes quartzite section and is cut by an unfoliated intermediate, biotite porphyry dyke (left), Spire Creek area (457925E/7084540N).

eventually wrapping to the west and south around the ridge to the property boundary. This contact was originally mapped as the Robert Service Fault and the Sourdough rocks interpreted as Hyland Group (Hunt et al, 1996).

Proterozoic Hyland Group rocks of the Yuseyzu Formation (not mapped), including phyllite, schist and grits, quite similar to the Sourdough Hill Member, lie above the Robert Service Thrust, that lies along the south boundary of the property (Figure 4).

Diorite (**DIOR**) and gabbro (**GBBR**) sills intrude the Basal Quartzite on the Haldane property, as they do in the Keno Hill camp. Dark to medium green, chloritic and well-foliated to schistose diorite sills are concentrated in the lower part of the Keno Hill quartzite section on the north and west side of Mt. Haldane. The diorite commonly has relict feldspar phenocrysts (Plate 6). The sills are quite variable in thickness and are locally sericite and carbonate altered. They are generally recessive and were observed primarily in talus and subcrop and as such are probably more restricted than indicated on the geology map.

Felsic dykes (**FELS**), commonly with feldspar and, locally, quartz phenocrysts, cut through the section and are normally seen in float. These dykes are fine-grained and tan to grey in colour. An 800 by 200m granite pluton (**GRNT**) that is elongated east-west has been mapped in the upper part of the Fortune Creek drainage (Paul and Rota, 1981). This stock has a proliferation of small dykes that emanate from it, cutting the sedimentary units and diorite sills on the east side of Mt. Haldane. Other similar smaller intrusions are scattered to the south and southwest. The Sundown Showing is centred on an altered quartz porphyry dyke with disseminated arsenopyrite mineralization (Woodsend, 1979; Becker, 2000). Rare occurrences of a massive biotite-phyric intermediate dyke have also been seen (Plate 6).

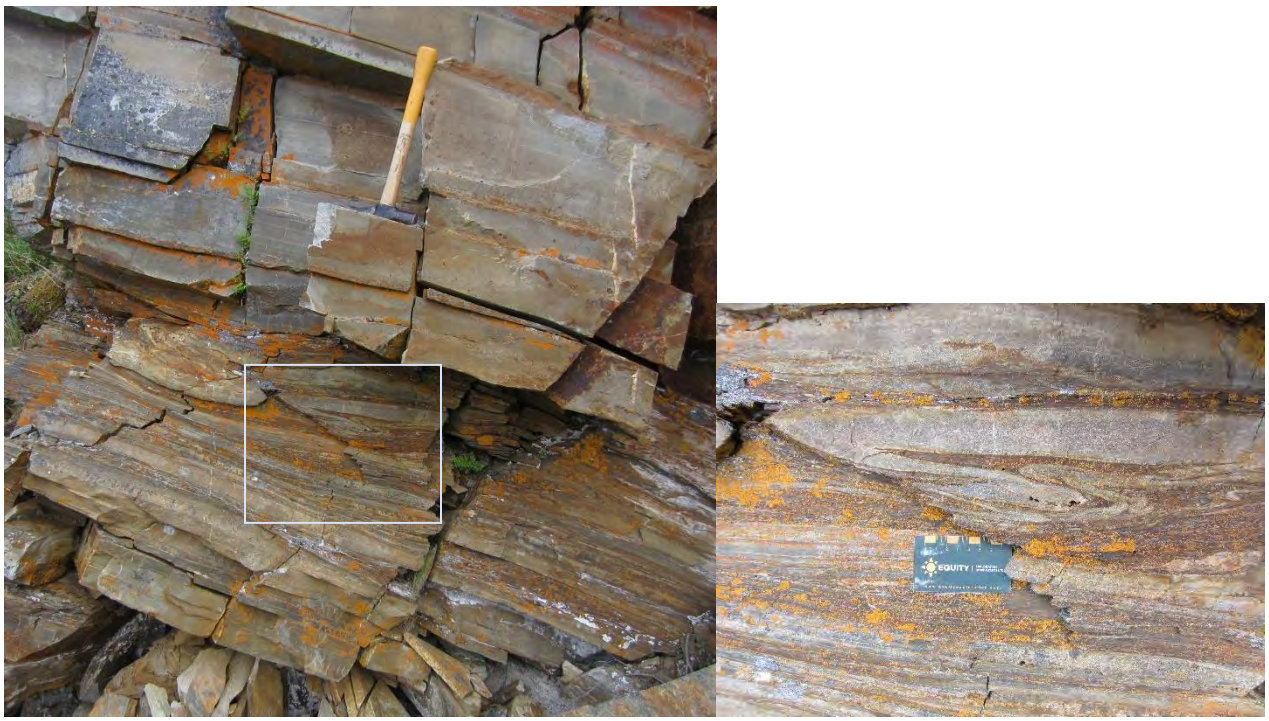


Plate 7: Massive to thin bedded quartzite, deformation (foliation, isoclinal folding) is apparent in thinner, phyllitic beds (457765E/7083960N). Foliation is largely axial planar cleavage, dipping shallowly southeast. Photo to right contained in box on left photo.

The bedding on the Haldane property generally strike between 060° to 120° and dip at 20° to 40° to the south, although in the north part of the property, east of Spire Creek, bedding is almost horizontal (<15°). Foliation in the diorite tends to parallel the dominant layering orientation (S_1) in the enclosing quartzite (Jones, 2008). Bedding trends in the schist and phyllite of the Sourdough Hill Member are generally northeast-southwest with moderate dips to both the northwest and southeast. Cleavages vary considerably more with dips to the north and west. The variable nature of the foliation orientation is reflective of variable strain history associated with the Tombstone Thrust (Roots, 1997). Isoclinal folding is common, particularly in phyllitic interbeds in massive quartzite (Plate 7). Fold hinges generally indicate north to northwest directed, relatively

flat-lying, thrusting. A later phase of northeast-directed deformation produced shear planes that broke up foliation and attenuated compositional layers (Roots, 1997). Flat-lying structures, commonly filled by younger quartz veins, like the Peak Vein in the east part of the Haldane property, may be related to this phase of deformation (Jones, 2008).

Faulting is prominent on the Haldane property. There are large scale off-sets apparent on the regional geology map by Hunt et al (1996). Most of these faults are northerly trending and appear to be steep. In the west part of the property numerous north-south lineaments are seen traversing the ridge, likely representing faults. A series of these faults are associated with silicified breccia zones and locally Ag-Pb-Zn mineralization in the Bighorn Anomaly area. Faults that occur on the east side of Mt. Haldane, most evident where they off-set diorite sills, are probably of similar origin. As described above, the Ewing Fault is a relatively young, north-trending fault, consisting of several sub-parallel splays and some offsets, resulting from primarily west side down normal movement. The fault is described in detail in the Middlecoff Zone underground workings, oriented at 175°/50-60°W (Aho, 1964). South of the Middlecoff Zone, the Ewing Fault is apparently offset dextrally by the northeast trending Ewing Cross Fault. North of Bighorn Creek, the extension of the Ewing Fault forms part of the MHVS.

The vein-faults in the MHVS generally strike 160-200°, are more steeply dipping (60-90°) than the Ewing Fault, and are associated with strongly Mn-oxide stained, carbonate-rich breccia zones that are significantly mineralized (Jones and Branson, 2012; Jones, 2008). Movement on the Main Zone fault, oriented ~200°/60°, leaves slickensides in two orientations; an older(?) set with -50 to -60° plunge at 276° and younger set plunging -25 to -30° at 230°. Underground mapping of vein faults in the Middlecoff Zone (Aho, 1964) showed slickensides plunging -60° to -75°N on the north-northeast striking, steeply west dipping faults. A drag fold on a strongly mineralized vein in one of these faults has a hinge line plunging 10° to the south, consistent with the steeper sense of motion measured on the vein faults in the zone.

The subparallel faults of the MHVS are very similar to the mineralized transverse vein-faults in the Keno Hill camp (Murphy, 1997). There, the northeast trending transverse faults are associated with east-northeast striking “longitudinal” faults. Such longitudinal faults have not yet been mapped in the Mt. Haldane area, although there are lineaments in this orientation (Figure 4). However, small-scale, east-west faults are seen that may be related to the east-west lineaments, e.g. in trench HLT18-02 oriented 255°/70° (Figure 9d). Within the MHVS, these faults appear to cut off or off-set mineralization, such as at the Johnson Adit and along strike at the north end the Main Zone. These off-sets of the mineralized zone may be reflected in the disruption of anomalous soil geochemistry associated with the MHVS (Figures 8b-e).

The Bighorn Fault is an interpretive feature that follows the Bighorn Creek valley and appears to be a quite late in the structural history. The fault is interpreted primarily based on a lack of obvious correlation between mineralized zones within the MHVS from the north side to the south side of the creek. The fault may be similar to northwest trending, dextral, cross faults that off-set vein-faults and diorite sills in the Keno Hill camp.

8.2 Alteration

Alteration associated with the mineralized zones on the Haldane property is not extensive; generally even more restricted than the damage zones around the vein-faults. Locally, there is noticeable silicification of the wall rocks and sericite and/or white mica occurs in the groundmass of the host rocks. The controlling factors for the presence or absence of silica alteration is not clear. Quartz is not normally a large component of the gangue mineralogy. Manganese and iron oxides are common in the surface expression of the mineralized zones, resulting from weathering of Mn-Fe-rich siderite in the veins, and primarily emanating from fractures in the host quartzite and permeating the surrounding pore spaces.

8.3 Mineralization

The Haldane property hosts several zones of mineralization, the most significant being the Mt. Haldane Vein System (“MHVS”). The MHVS consists of a roughly north-south trending, primarily steeply west dipping, vein-fault corridor on the west side of Mt. Haldane (Figure 4). The corridor extends at least 200 m south of

Bighorn Creek (Middlecoff Zone) and 1200 m north of Bighorn Creek, where it contains at least 4 subparallel vein-faults over a width of 400-800m, including the Johnson, South Johnson, West Fault, and Main zones. Surface mineralization within the MHVS is hosted by breccias, consisting primarily of manganese and iron oxides after galena-minor sphalerite-local sulphosalt mineralization with manganiferous siderite and quartz gangue. Thick boulder rubble covers most of the slopes on the north side of Bighorn Creek making surface exploration of the recessive veins difficult.

The most developed showing within the MHVS is the Middlecoff Zone, located south of Bighorn Creek, with four historic adit levels including one sub-level from the lower adit (Cockfield, 1919). Mineralization at the Middlecoff Zone is similar to the rest of the MHVS except that there are commonly more remnant sulphides, primarily galena, along with iron and manganese oxides in vein and breccia zones. Samples with significant galena can assay up to 5000 g/t Ag (Jones, 2008). Similar results are found in rock samples from the Johnson Adit waste dump to the north across Bighorn Creek and in samples from the South Johnson trench.

Plate 8: Main Zone, looking across zone to east. Outcrops in background are in the footwall to zone and central outcrop contains a mineralized pyrolusite-rich breccia striking roughly perpendicular to the main trend (200°). Chip sample from outcrop in lower left corner returned 223 g/t Ag over 3.6 metres.

The Main Zone is the most northerly showing on the MHVS (Plate 8). Here, there is a 20 by 5-8 m phyllitic quartzite breccia with strongly oxidized matrix outcropping on the main structural zone. A 3.6 m chip sample taken across this outcrop in 2011 returned 223 g/t Ag, 1.17% Zn, 0.62% Pb and 0.12 g/t Au (Jones and Branson, 2012). The breccia consists of manganese oxides and goethite and, possibly, iron carbonate. No sulphides were observed. The quartzite and diorite breccia clasts are locally weakly silicified and sericitized. Manganese oxide commonly fills open spaces in the breccia forming colloform and botryoidal textures and is strongly metalliferous. A select grab sample in 2011 returned 623 g/t Ag in breccia at the footwall contact. In 2018, a 1 m wide, select chip sample (S193101) of manganese-oxide breccia within the zone returned 349 g/t Ag, 2.73% Zn, 0.53% Pb and 0.166 g/t Au. The Main South showing is located 150 m south of the Main Zone. Here, a slickensided fault scarp is exposed in a bluff with breccia and vein mineralization in adjacent, sub-parallel structures. Several grab and select samples returned up to 279 g/t Ag, 1.4% Zn, and 0.16 g/t Au in strongly oxidized brecciated quartzite. To date, drilling in the Main Zone area has been largely frustrated by the

difficulty in obtaining a competent core section through the fault zones that host the mineralization, exacerbated by the very deep weathering profile on the upper slopes of Mt Haldane where the Main Zone is located.

The West Fault lies 110-125m west of the Main Zone and is another mineralized fault within the MHVS. This fault zone is unexposed on surface but coincides with anomalous soil geochemistry over 400 metres and has been intersected by drilling over 275 metres strike. An intersection of 320 g/t Ag, 1.12 g/t Au, 0.67% Pb and 0.86% Zn over 2.20 m was returned from the most northerly hole, HLD11-09, in completely oxidized mineralization at 200 metres depth (Jones and Branson, 2012).

The Ross Anomaly occurs roughly along strike from the MHVS in the south part of the Haldane property. The Ross Anomaly is a north-south trending, strong Pb-Zn-Ag in soil anomaly hosted by schist and phyllite of the Sourdough Member. The anomaly is enhanced in samples taken from overburden material from the bottom of trench HLT18-01 (did not reach bedrock), with a sharp demarcation suggesting a defined source like a fault. Trench spoil samples reached 1405 ppm Pb (shoulder >100 ppm), 4210 ppm Zn (shoulder >250 ppm), and 8.6 ppm Ag (shoulder >0.75 ppm). Samples of float rock in the trench did not contain significant mineralization. The anomaly may be as much as 500m long based on anomalous multi-element soil geochemistry.

The Sundown Showing occurs 750m south of the Ross Anomaly and is described by Becker (2000), as a sericite-altered felsic dyke with disseminated arsenopyrite mineralization and galena-sphalerite mineralization in associated fractures. A chip sample on mineralization adjacent to the dyke in the host phyllite returned 402 g/t Ag, 0.115% Pb, and 0.14% Zn over 1.4 m. There is a Pb-Zn-Sb-Ag soil anomaly trending north from the showing, parallel with the dominant fracture orientations, but that is also the downslope direction.

Fieldwork in 2018 defined the Bighorn Anomaly, a 900m by 150m soil anomaly about 2.8 kms west of the MHVS. Mineralization consists of galena-sphalerite-siderite in fractures, veins and faults occurring in northerly trending faults. Follow-up work done in 2019 included additional soil sampling, trenching and diamond drilling, and is described below (Section 9.1).

The Strebchuk Showing occurs on the north slope of the peak of Mt Haldane. A silver assay of 1611 g/t Ag (47 opt Ag) along with 70% Pb from a select sample (pure galena?) was reported by United Keno Hill Mines from the showing (Heard, 1966). The showing was mapped and is described in 2018 report (Jones, 2018). It is not well exposed but has a significant soil anomaly associated with it indicating potential for additional, parallel structures.

On the north side of North Star Creek there are numerous occurrences of manganese and iron oxides in veins and on fracture surfaces. A zone of strong fracturing and oxide mineralization was located on the north facing slope, in float amongst outcrops of massive to phyllitic quartzite and coincident with the “North Star” Pb-Ag-Zn soil anomaly (Figure 4). Samples of fractured quartzite from this zone returned up to 8270 ppm Mn but generally low Ag, Pb and Zn (Jones, 2018).

The Peak Vein, a large, bedding parallel quartz vein exposed on the north side of Mt Haldane, and mineralization in the Fortune Creek basin were not visited in 2019. Results from previous sampling of these occurrences are recorded in Table 3.

9.0 RESULTS OF 2019 WORK PROGRAM

The 2019 Phase 1 work program conducted on the Haldane property included (1) geological mapping and rock sampling around and west of the Bighorn Anomaly, between the Ross Anomaly and the Middlecoff Zone, and in upper Bighorn Creek drainage, (2) reconnaissance and infill soil sampling along, around and west of the Bighorn Anomaly, as well as infill soil sampling along the MHVS north of Bighorn Creek, (3) trenching with chip and grab rock sampling within the Bighorn Anomaly, on a splay off the West Fault, and in an extension to trench HLT19-02. Phase 2 work consisted primarily of (1) diamond drilling on the Ross Anomaly, Bighorn Zone, and Middlecoff Zone, and (2) progressive reclamation of trenches, drill sites and access roads/trails.

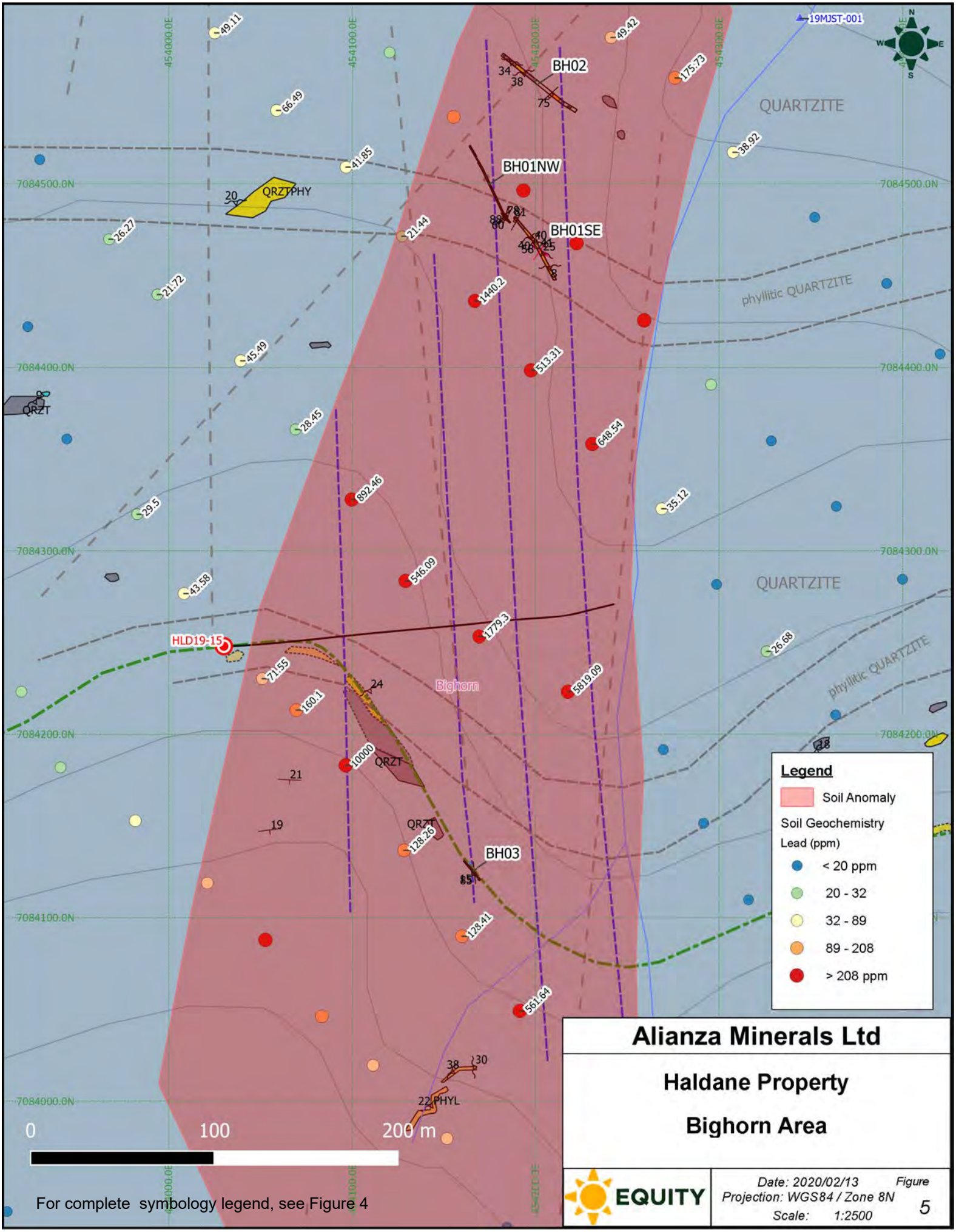
9.1 Geological Mapping

The 2019 geological mapping program focused on the Bighorn geochemical anomaly and the area to the west, the Ewing Fault between Middlecoff Zone and Ross Anomaly, and other sparsely mapped areas of the property, like the upper Bighorn Creek drainage. Mapping was done using QGIS software on Toughbook field computers. Structural measurements are quoted using the right-hand rule.

Mapping was done to characterize the geological setting of the Bighorn Anomaly and to map geology west to the property boundary (Figures 4, 5). Results show that this soil anomaly is primarily underlain by quartzite, phyllitic quartzite and calcareous quartzite of the Basal Quartzite Member of the Keno Hill Quartzite. In the surrounding area, the lowermost stratigraphic unit observed is chloritic schist of the Earn Meta-volcanic Unit, which typically lies immediately below the Basal Quartzite. A diorite unit lies along the contact between the schist and a phyllitic quartzite layer. Above the phyllitic quartzite there is a thick section of massive, generally thick bedded quartzite, varying in colour and silica content (i.e. weakly feldspathic to siliceous) interspersed with phyllitic quartzite. This sequence runs up to about the road level within the anomaly where another phyllitic quartzite (locally phyllite) unit occurs. Above the road, the sequence continues with thicker bedded quartzites, including locally calcareous quartzite, followed by increasing phyllitic quartzite and phyllite towards the contact with the Sourdough Hill Member. The location of the upper contact is still somewhat equivocal as exposure is poor in the area but it appears that the contact trends gradually downslope to the west, crossing the road about 850 m east of the west boundary of the property.

The Bighorn soil geochemical anomaly is centred on a fault zone that forms a break in slope along the west side of a creek gully. Although the fault zone is generally unexposed, it is traceable in float and talus over 500m from near Bighorn Creek to the road before it becomes obscured in the moss and talus above the road. A strand of this fault was exposed in outcrop along the road (Trench BH03). The fault zone is locally gossanous and appears to consist of several faults that are manifested as a carbonate and silica healed breccia with locally derived fragments. The gossan is primarily goethite although some jarosite is present. Manganese oxides are not common, consistent with low values for Mn in the soil results. Individual faults appear to be approximately 5-10 metres wide.

Plate 9: Typical small exposure of weakly foliated, massive bedded quartzite (QRZT) of the Basal Quartzite Member, S_1=060/25, 750 m west from the Bighorn Anomaly (453370E/7084470N



For complete symbology legend, see Figure 4

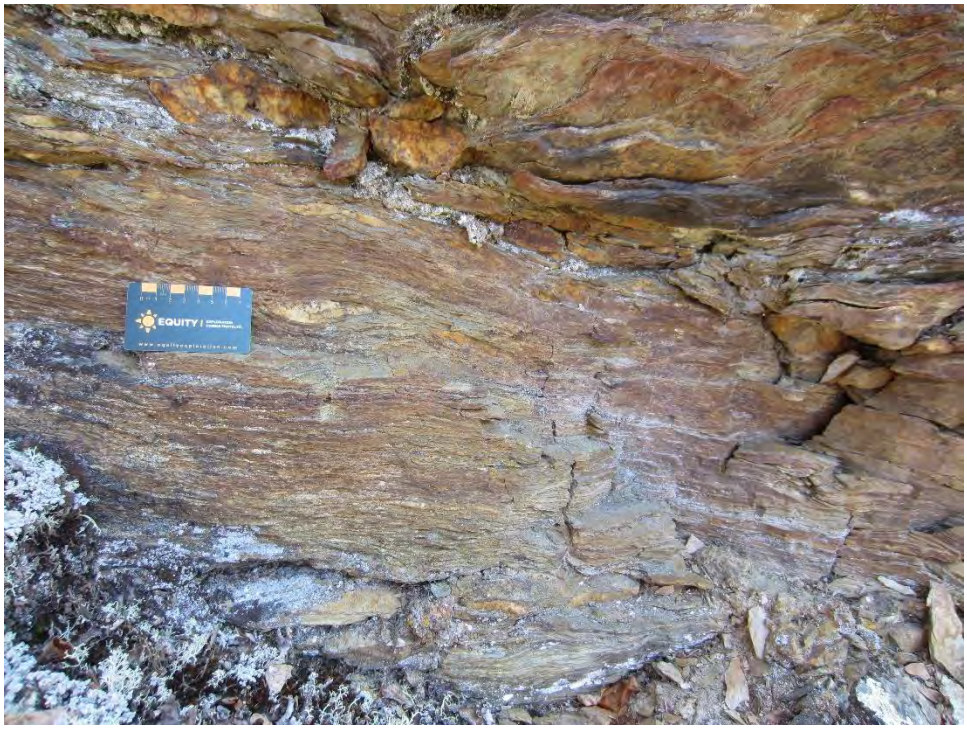
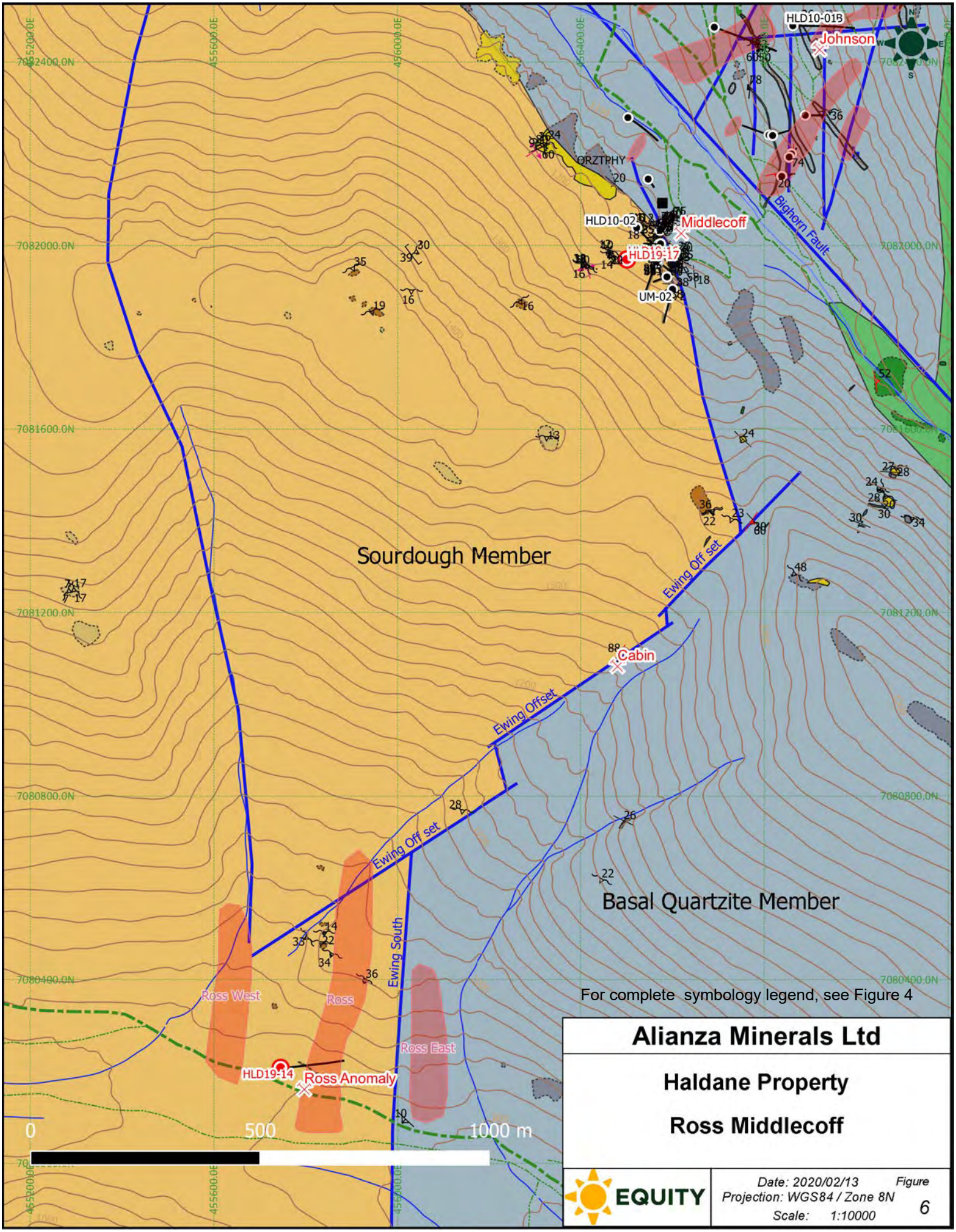


Plate 10: An example of phyllitic bed in quartzite (QRZTphy) in the lower part of the Basal Quartzite Member, west of Bighorn Anomaly (453838E/7084501N). General orientation of S_1 in this area is 080/20.

The Basal Quartzite Member was mapped from the Bighorn Anomaly to the west boundary of the property (Plate 9), consisting mostly of quartzite interbedded with phyllitic quartzite (Plate 10) and minor calcareous quartzite. The rocks are gently warped and strike 060° to 090° dipping shallowly to moderately south. The diorite sill intruding the lower part of the unit also extends from the Bighorn Anomaly to the west boundary, locally crossing the contact with the underlying Earn Group volcanic rocks.

The west area is crossed by several north trending lineaments, parallel to the long axis of the Bighorn Anomaly. For the most part, these linears are depressions or creek gullies with sparse, if any, bedrock exposure. The rocks adjacent to the linears appear generally unaffected. However, near the west boundary of the property there is a diorite outcrop that hosts a northerly trending structure consisting of planar, vuggy quartz veins and fractures with manganese and iron oxides.

The ridge between the Ross Anomaly and the Middlecoff Zone was mapped to better constrain the location of the Ewing Fault and possible cross faults. float and scattered outcrop generally show distinct changes from quartzite to schist, guiding placement of fault traces. On the south-facing slope above the Ross Anomaly, outcrops of Basal Quartzite were mapped up to 300m northwest of the previous interpreted trace of the Ewing Fault (Jones, 2018) into an area previously assumed to be schist and phyllite. This provides evidence for a cross fault, here named the Ewing Cross Fault, which offsets the Ewing Fault dextrally (Figure 6). Near the ridge top, a ~2 m wide by ~1 m deep draw that was mapped about 1100 m northeast from the Ross Anomaly is here interpreted as the manifestation of the cross fault. It strikes 055° degrees and has a strike length of 140 m. The lower 35 m of the fault zone is brecciated quartzite with a matrix of iron and manganese oxides. Breccia-filled veins in the fault zone are oriented nearly vertical. This is in the vicinity of the plotted location of a trench noted on early maps of the property as well as the remains of a cabin. The breccia zone has been dubbed the Cabin Showing.



For complete symbology legend, see Figure 4

Alianza Minerals Ltd

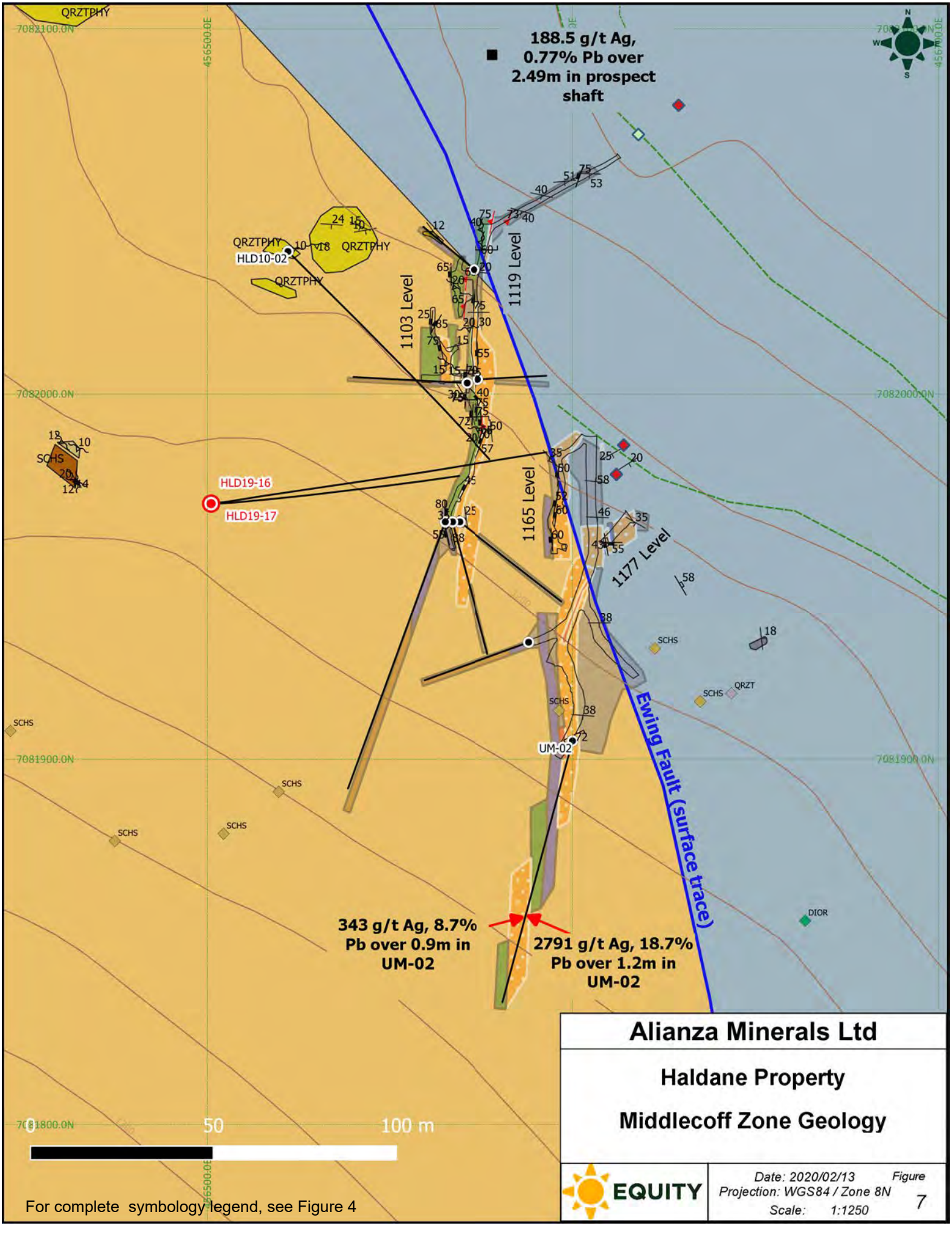
Haldane Property

Ross Middlecoff

EQUITY

Date: 2020/02/13
Projection: WGS84 / Zone 8N
Scale: 1:10000

Figure 6


188.5 g/t Ag, 0.77% Pb over 2.49m in prospect shaft
1119 Level
1103 Level
1165 Level
1177 Level
HLD10-02
HLD19-16
HLD19-17
UM-02
Ewing Fault (surface trace)
343 g/t Ag, 8.7% Pb over 0.9m in UM-02
2791 g/t Ag, 18.7% Pb over 1.2m in UM-02
QRZTPHY
SCHS
QRZT
DIOR
7082100.0N
7082000.0N
7081900.0N
7081800.0N
456500.0E
456600.0E
0
50
100 m
For complete symbology legend, see Figure 4
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Haldane Property
Middlecoff Zone Geology
EQUITY
Date: 2020/02/13
Projection: WGS84 / Zone 8N
Scale: 1:1250
Figure 7

Closer to the Middlecoff Zone, detailed mapping in combination with drilling has refined the position of the contact between the Sourdough and Basal Quartzite members of the Keno Hill Quartzite Formation (Figure 7). The contact occurs very close to the workings and is intersected in a few of the underground holes from previous exploration, particularly those drilled west from the adits. The contact runs west from near the lower adit portal and cuts across the tops of several large outcrops that look over Bighorn Creek from the south slope before wrapping around the ridge above the Bighorn Anomaly several kilometres northwest.

Mapping was also done in the upper Bighorn Creek basin in 2019. Mapping in this area confirmed the presence, or absence, of several large diorite sills that were previously extrapolated to this area from the regional geology map (Hunt et al, 1996). The geology of the area does not show obvious signs of any mineralized structures.

In the area of the Johnson Adit, new foliation data collected from trench ANZ18-02 implies a fault oriented 255°/72° (right hand rule). Mapping of the fault is limited by a paucity of outcrop but the location does coincide with the termination, or off-set, of anomalous soil geochemistry in this area. The attitude of the fault is not typical of the faults of the Mt Haldane Vein System, which generally trend northerly, and it may be representative of a cross fault that is similar to the longitudinal faults at Keno Hill.

A total of 34 rock samples were taken in the course of the 2019 geological mapping program. Although some of these rocks are from previously known showings, likeSundown, several others were taken from new areas, such as the Bighorn Anomaly and the Cabin Showing.

In the Bighorn area, abundant float of gossanous, brecciated and weakly silicified quartzite, as well as highly anomalous soil geochemistry, provides evidence of several sub-parallel, mineralized faults (Plate 11) that are largely confined to the area of the Bighorn soil anomaly. Most rock samples returned elevated Pb, Ag, Sb and some Zn. Strongly oxidized and weakly silicified rocks returned the higher grades such as sample S193131 with 1.28% Pb, 35.7 g/t Ag, and 111 ppm Sb. For the most part, the better samples were collected downslope of the access road. Samples up slope from the road were generally uninteresting, possibly correlative with the decrease in massive quartzite units in proximity to the Sourdough Member contact.

Plate 11: Fault breccia of quartzite from the Bighorn Anomaly. The rock is gossanous and weakly silicified, with apparent slickensides on the upper surface (454167E/7084304N).

Table 6: Selected rock samples collected during 2019 mapping program

Sample ID	Zone	Hand sample description	Sample Type	Au ppm	Ag ppm	Pb (%)	Zn %	Cu ppm	Sb ppm
S193131	Bighorn	BRXX, GE, MN	float	0.022	35.7	1.28	0.50	262	111
1901511	Bighorn	BRXX, vuggy, GE	float	0.230	6.0	0.36	0.05	57	6
1901512	Bighorn East	Bx'd QRZT, GE, vuggy	float	0.082	77.2	1.45	0.09	186	191
S193140	Cabin	BRXX, fault in old trench(?)	Grab, 0.2m	0.279	17.3	0.01	0.19	10	13
S193144	Cabin	BRXX, GE, MN, vuggy	Select float	0.056	7.4	0.01	0.11	291	138
S193145	Cabin	BRXX, composite of 30m	Select float	0.098	7.3	0.01	0.68	309	95
1900402	Sundown	FELS contact, GL-PY-MN in fracs	Grab 0.16	0.025	17.3	0.02	0.59	18	6
1900403	Sundown	FELS, cse GL, MN, CB altn	Float	0.070	36.2	0.40	0.11	7	18
S193141	Johnson S	BRXX, in PHYL, GE, MN	Grab, 0.2m	0.218	317.0	0.47	0.29	29	16
1901509	HLT18-02	FLTZ, breccia, MN, GE	Select float	0.123	378.0	2.05	0.26	304	16

In the course of mapping west of the Bighorn Anomaly, a sample taken near the western boundary of the property returned elevated Zn and Mn from a set of vuggy, manganese-stained quartz veinlets in gossanous diorite. There were no other samples west of the Bighorn Anomaly that returned interesting results. However, exposure in this area is very poor, particularly within the north-trending lineaments that may be the location vein-faults.

Part of one day was spent following up scattered anomalous 2018 soil results from an area about 425m east of the Bighorn Anomaly, the BH East Anomaly. There was evidence of increased fractures in some of the rocks and, locally, narrow breccias. Sample 1901512 was taken from an angular, gossanous float rock with strong fracturing and manganese-staining. The sample returned 1.45% Pb, 77.2 g/t Ag and 191 ppm Sb. Additional work is required to evaluate the significance of this occurrence.

Plate 12: Cabin Showing. Possible historic trench on slope north-northeast of the Ross Anomaly exposes brecciated, gossanous, and manganese stained rocks along the trend of the Ewing Offset Fault (456470E/7081090N). Samples from the breccia assay up to 17.3 g/t Ag, 0.279 g/t Au, and 0.68% Zn with elevated Sb and Cu.

Mapping along the trace of the Ewing Offset Fault identified a mineralized fault zone about one kilometre north-northeast of the Ross Anomaly (Plate 9). The heavily overgrown zone may have been excavated and

could be the location of a historic trench mentioned in a number of documents from the 1960's and older. The nearby ruins of a log cabin lend credence to the possibility it is a trench rather than a topographic anomaly. Samples from the fault breccia returned low lead values but up to 17.3 g/t Ag, and 0.68% Zn. Significantly, the samples also returned up to 0.279 g/t Au and 138 ppm Sb with elevated copper, suggesting the presence of sulphosalts commonly associated with higher grades of silver on the Haldane property. This zone has been designated the Cabin Showing.

The Sundown Showing was visited and sampled in 2019. Select samples of mineralized felsic dyke and fractured phyllite (Sourdough Member?) in float returned 36.2 g/t Ag and 0.40% Pb. A bedrock chip across a narrow fracture zone, striking 020/80 adjacent to a felsic dyke returned only 17.3 g/t Ag but 0.59% Zn and >1% Mn.

Minor sampling around the trenches in the MHVS on the north side of Bighorn Creek returned up to 378 g/t Ag in bedrock and float. These samples highlight mineralization in an area that has more potential and requires follow up work.

9.2 Surface Geochemistry Surveys

The 2019 soil program comprised the collection of B-horizon or colluvium soil samples from the area around, and west of, the Bighorn Soil Anomaly, plus fill-in lines along the MHVS north of Bighorn Creek. Geochemical analyses involved aqua regia digestion and ICP-MS finish, and were done at Bureau Veritas (BV) Labs in Vancouver, BC. A total of 412 samples were submitted for analysis, including blank and field duplicate samples. Samples were collected over 16 line kilometres between the 16th and 30th of June 2019. Certificates of analysis (COA) from BV can be found in Appendix D. A total of 9 silt samples were taken in the Bighorn Anomaly area and to the west. These have not been rigorously statistically analysed and are discussed primarily in conjunction with the soil results. The COA for silt analyses is also included in Appendix D.

Sampling in the Bighorn area tested the extent of the Basal Quartzite Member from east of the anomaly to the west boundary of the property, a strike distance of about 2.5 kilometres. The sampling was done at 50 metre spacing on lines about 100 m apart in the vicinity of the anomaly and opened to about 400 m line spacing to the west ultimately covering an area of about 2.5 by 1.3 km. Permafrost was a significant impediment to sampling in this area. Fill-in sampling on the MHVS north of Bighorn Creek was done at 25 m spacing to match existing sample density in the area. Sampling in this part of the MHVS is locally challenging due to a high concentration of coarse quartzite talus, making access to soil impossible at some sites and so leaving gaps in the sample distribution.

Field data was captured on Rite-in-the-Rain note pages and then transferred daily into an Excel spreadsheet, along with the UTM coordinate measured with a handheld Garmin GPS Map 62 unit. Data captured at each sampling station included the soil horizon, colour, texture and moisture content, as well as the station ID, sample depth and vegetation. Station IDs match the geochemical IDs. Sample descriptions are included in Appendix C.

Quality assurance and quality control (QA/QC) was monitored by inserting blanks of known composition (silica powder) and field duplicates into the sample stream, at rates of approximately 1 of each in every 40 samples. QA/QC results are acceptable as summarized in Appendix I.

Interpretation of soil geochemistry focused on delineating areas where silver and elements correlated with silver (Pb, Zn, Sb, Sn and Mn) were considered anomalous based on statistical consideration of the dataset for entire property (total of 1828 samples since 2011). Note that Pb, Ag, Sn and Sb are strongly intercorrelated in soils (Table 8) whereas Zn and Mn are less so but still recognized as important components of the mineralizing system on the Haldane property. Results for each element are categorized as weakly anomalous where greater than the 70th percentile for any particular element, moderately anomalous where >85th percentile, highly anomalous for >95th percentile and very highly anomalous >98th percentile. Anomalous areas for these five elements are presented in Figures 8a-f.

The Bighorn Soil Anomaly was first defined in 2018 with two soil lines located 400 m apart. The 2019 soil sampling program added 4 lines to reduce line spacing to ~100 m, with results helping to better define the

anomaly and extend it to at least 900 m in the north-south direction. The anomaly is best defined by Pb, followed by Ag and Sn values. The results for Zn and Mn are spotty at best and not definitive. Significantly, many of the soil samples within the anomaly returned higher values for Pb, Ag and Sn than the highest samples from 2018, including one sample with 63.8 g/t Ag, >10,000 ppm Pb, 12.7 ppm Sn, and 33.9 ppm Sb.

Table 7: Percentiles for Haldane soil geochemistry (2011-2019)

	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Sn (ppm)	Zn (ppm)
Population	1828	1828	1828	1828	1828	1828	1828	1828	1828	1828	1828	1828	1828
Max Value	0.327	63.81	7160	5.38	44.00	354	8490	18.65	124	>10000	33.89	20.0	4120
98th	0.033	3.45	442	1.77	2.67	107.2	1403	5.45	59.2	207.7	5.63	1.4	357
95th	0.019	1.76	179	0.83	1.54	77.9	862	3.44	42.6	89.2	3.17	0.8	221
85th	0.011	0.86	76	0.43	0.79	45.5	505	2.11	29.7	32.1	1.68	0.6	116
70th	0.006	0.50	41	0.27	0.49	31.4	350	1.56	23.8	19.7	1.12	0.4	88
50th	0.004	0.30	25	0.22	0.32	22.6	251	1.26	19.1	14.1	0.87	0.4	69
Min Value	<0.001	<0.01	0.05	<0.01	0.01	3.3	<5	0.09	1	0.4	<0.05	<0.2	<2

Table 8: Correlations (r^2) of selected elements from Haldane soil geochemistry (2011-2019)

	Au	Ag	As	Bi	Cd	Cu	Mn	Mo	Ni	Pb	Sb	Sn	Zn
Au													
Ag	0.21												
As	0.09	0.05											
Bi	0.18	0.07	0.31										
Cd	0.09	0.20	0.11	0.15									
Cu	0.14	0.23	0.16	0.24	0.23								
Mn	0.14	0.27	0.07	0.08	0.29	0.38							
Mo	0.07	0.09	0.23	0.42	0.05	0.34	0.12						
Ni	0.19	0.10	0.19	0.33	0.22	0.66	0.48	0.39					
Pb	0.10	0.79	0.00	0.05	0.19	0.12	0.13	0.02	0.03				
Sb	0.18	0.44	0.18	0.21	0.21	0.32	0.15	0.27	0.25	0.47			
Sn	0.19	0.90	-0.01	0.03	0.10	0.15	0.23	0.03	0.01	0.72	0.29		
Zn	0.11	0.23	0.05	0.13	0.94	0.29	0.34	0.04	0.28	0.20	0.24	0.14	

In the area west of the Bighorn anomaly, two weak to moderate, multi-element anomalies were defined. The Far West anomaly is a north trending, 400m by 100m soil anomaly with scattered weakly to moderately anomalous results for Pb, Ag, Zn, and Sb and, local, very highly anomalous results for Sn and Mn. Of the nine silt samples taken west of the Bighorn Anomaly, a silt taken near the south end of the Far West anomaly returned the highest results for Ag, Sn, Zn, second highest Pb, and elevated results for pathfinder elements like Cu, Mn, Cd. Unfortunately, there is no geological context for this anomaly owing to a lack of outcrops and lineaments. However, the closest outcrop to the silt site contains manganese oxide-stained quartz veinlets and fractures with an orientation of 016/78.

The other anomaly west of the Bighorn consists of two sites with consistent moderately to very highly anomalous results for Pb, Ag, Sn, Mn, Zn, and Sb. North trending lineaments occur in this area and a silt sample taken just west of the anomaly contains elevated Au, Hg and Zn. No outcrop was found in the area and float was minimal, so the geological context of this soil anomaly is poorly defined.

Soil sampling in the east of the Bighorn Anomaly built on anomalous results from 2018, extending the BH East multi-element anomaly to ~600 m in a north-south direction (across 3-4 lines) and ~100 m across (2-

3 samples). It is characterized by moderately to highly anomalous Ag and Mn with spotty enrichment in Pb, Zn Sb, and Sn, found at lower elevations. The one rock sample taken within this anomaly (sample 1901512) returned 77 g/t Ag and 1.45% Pb (see Table 6 above).

Soil sampling within the MHVS north of Bighorn Creek was designed to confirm, fill-in and extent previously defined soil anomalies. The 2019 work defined a strong Pb, Ag, Sn, Sb and Mn anomaly to the west of the Johnson Adit, the size and shape of which could reflect downslope dispersion and/or association with an east-west cross fault mapped in trench HLT18-02. South of the Johnson Adit, numerous anomalous soil results suggest the presence of vein-faults in the area although the uneven sample distribution and localized surface disturbance in this area makes interpretation equivocal. Re-opening several of the historic trenches in this area may help correlate anomalous results with mineralized faults, if present.

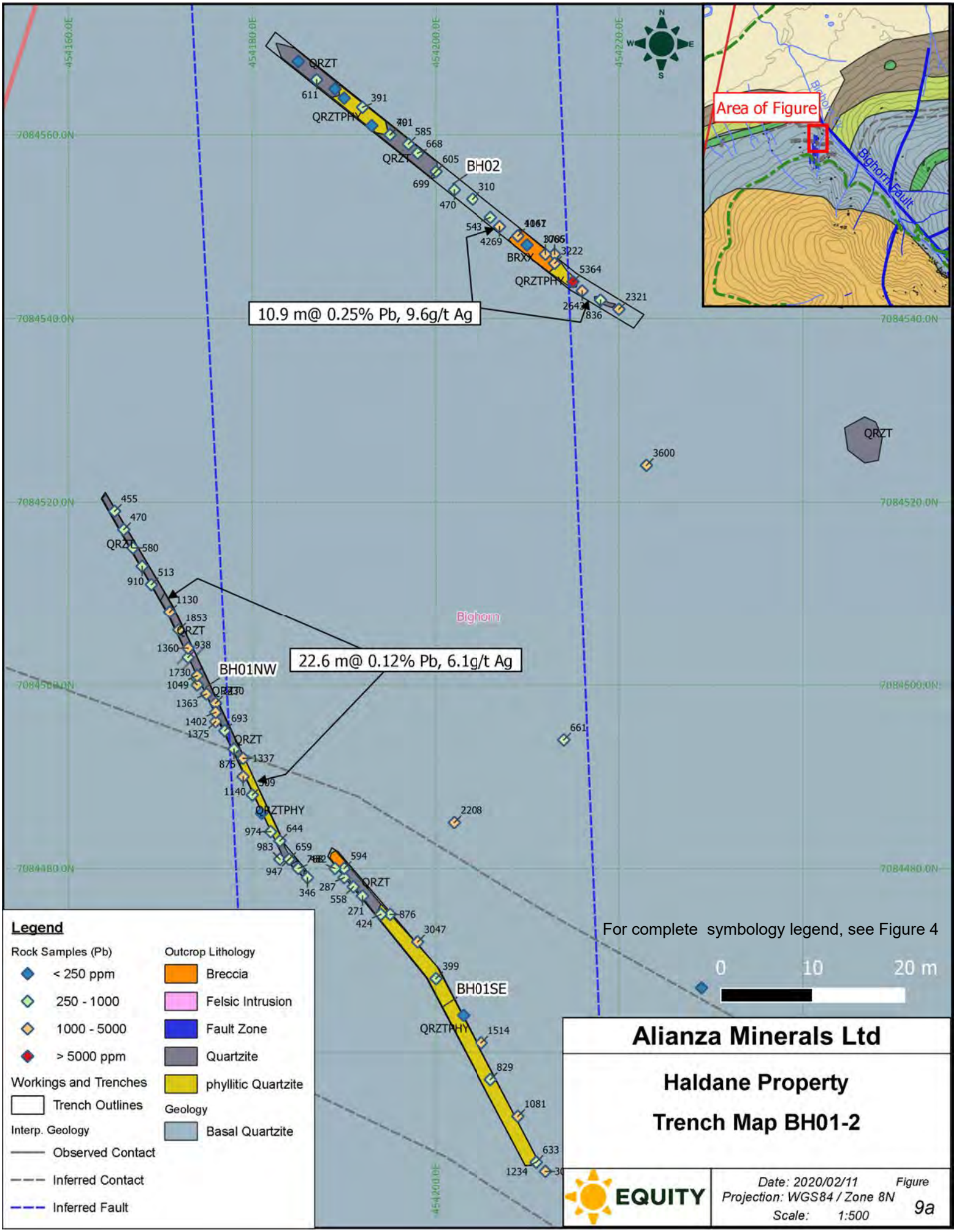
Further north along the MHVS, several soil lines were completed across the West and Main faults to fill in data at 50 m line spacing. These lines define a strong Pb-Ag-Sn-Zn-Mn-Sb anomaly along the west side of the West Fault, stretching about 400 m from north of drill hole HLD13-13 to the Ewing West soil anomaly. Locally, drilling within the West Fault anomaly has returned high values but generally in broken core with poor recovery. The best intersection to date is 160 m north of the surface anomaly, 200 m deep in HLD11-09, and remains a strong target for further work.

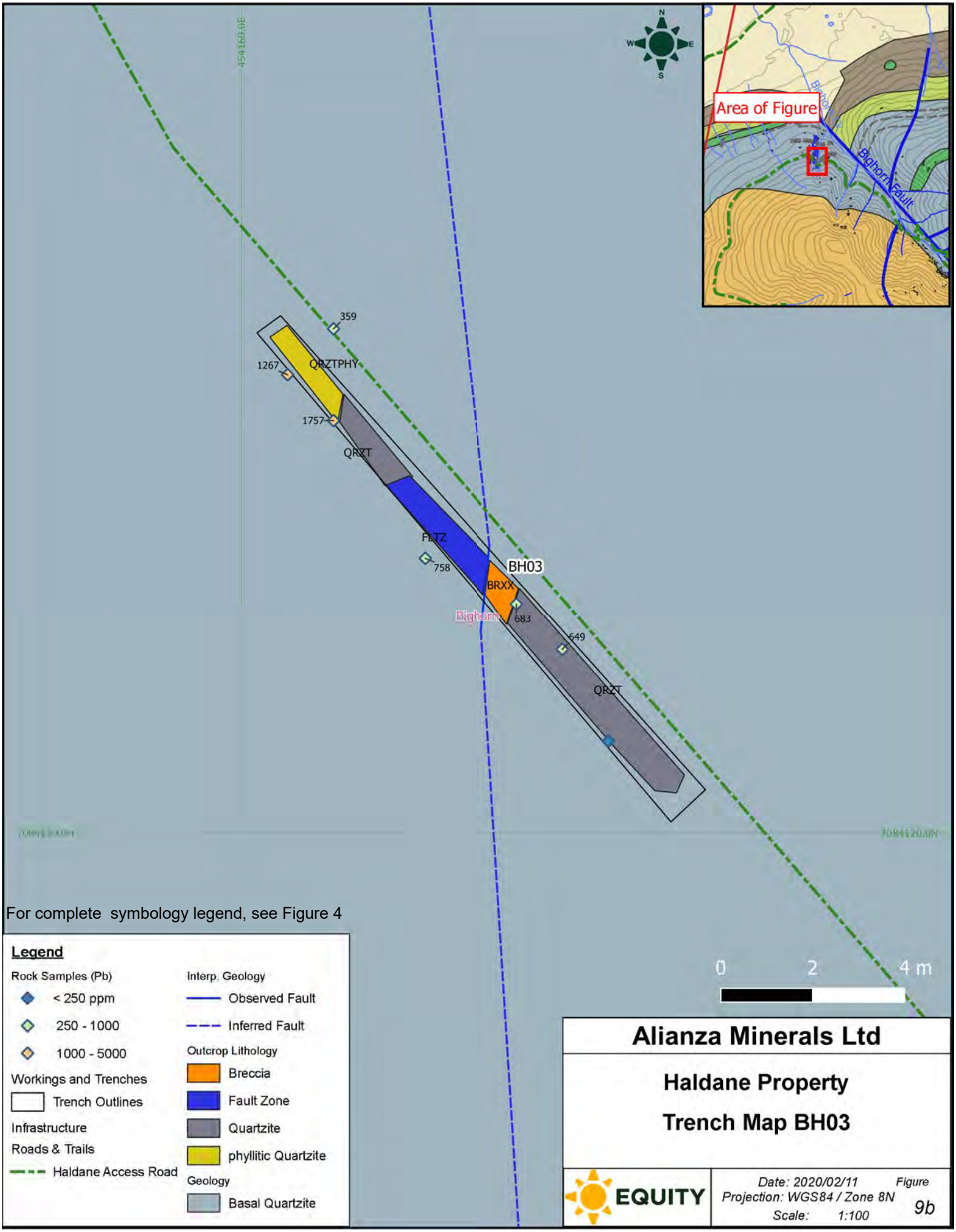
9.3 Trenching

The 2019 program included digging of three trenches on the Bighorn anomaly; BH01 and BH02 dug downslope of the access road (Figure 9a) and BH03 dug along the main access road (Figure 9b), for a total of 153 m (Trench BH01 = 89 m, BH02 = 50 m, and BH03 = 14 m). Trench BH01 was completed in two sections due to excavator access logistics (BH01SE and BH01NW). The trenches were mapped and sampled and the trenches below the road (BH01 and 02) were reclaimed at the end of the 2019 program. Trench BH03 was excavated, mapped, sampled and reclaimed on the same day (Figure 9b). A total of 86 trench samples (chips and grabs) were taken from these trenches. In general, zones of strong fracturing, late veining and/or silicification, and iron-manganese oxides, were tested with continuous chip samples. Outside these zones, random grab samples over a couple metres were taken to characterize the geochemistry of the rocks. Select grab samples of mineralization were also taken.

The trenching program successfully uncovered three north-trending, steep faults that lie near the centre of the Bighorn geochemical anomaly. Local soil geochemistry suggests there may be additional mineralized faults to the southeast of the trenches that could not be tested due the excavator's inability to traverse steep terrain. The faults look different than the vein faults mapped in the Mt Haldane Vein System. At the Bighorn Anomaly, the faults are healed by vuggy quartz veining/stockworks and commonly, at least at surface, are not dominated by manganese oxide minerals. The exception to this is a ~10 m wide zone in Trench BH02 that is characterized by strong iron and moderate manganese oxides (Figure 9a, Plate 10). The oxidation and breccia matrix are reminiscent of a ferricrete cap, possibly overlying a mineralized fault zone.

Sampling of the oxidized zone in trench BH02 returned 0.25% Pb over 10.9 metres but only 9.6 g/t Ag along with low values for Zn and Au. In trench BH01, a fractured and gossanous stretch returned 22.6 m at 0.12% Pb and 6.1 ppm Ag. The presence of significant oxidation in the lowermost trench, BH02, and lack of significant oxides in BH01 and BH03 further upslope, may suggest a zonation of the mineralization within the faults at Bighorn, or alternatively, differential weathering with elevation.


Area of Figure
Bighorn Fault
BH02
10.9 m@ 0.25% Pb, 9.6g/t Ag
BH01NW
22.6 m@ 0.12% Pb, 6.1g/t Ag
BH01SE
Bighorn
For complete symbology legend, see Figure 4
0
10
20 m
Legend
Rock Samples (Pb)
< 250 ppm
250 - 1000
1000 - 5000
> 5000 ppm
Workings and Trenches
Trench Outlines
Interp. Geology
Observed Contact
Inferred Contact
Inferred Fault
Outcrop Lithology
Breccia
Felsic Intrusion
Fault Zone
Quartzite
phyllitic Quartzite
Geology
Basal Quartzite
Alianza Minerals Ltd
Haldane Property
Trench Map BH01-2
EQUITY
Date: 2020/02/11
Projection: WGS84 / Zone 8N
Scale: 1:500
Figure
9a



For complete symbology legend, see Figure 4

Legend

Rock Samples (Pb)
- < 250 ppm
- 250 - 1000
- 1000 - 5000

Workings and Trenches
- Trench Outlines

Infrastructure

Roads & Trails
- Haldane Access Road

Interp. Geology
- Observed Fault
- Inferred Fault

Outcrop Lithology
- Breccia
- Fault Zone
- Quartzite
- phyllitic Quartzite

Geology
- Basal Quartzite

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Haldane Property

Trench Map BH03

EQUITY

Date: 2020/02/11
Projection: WGS84 / Zone 8N
Scale: 1:100

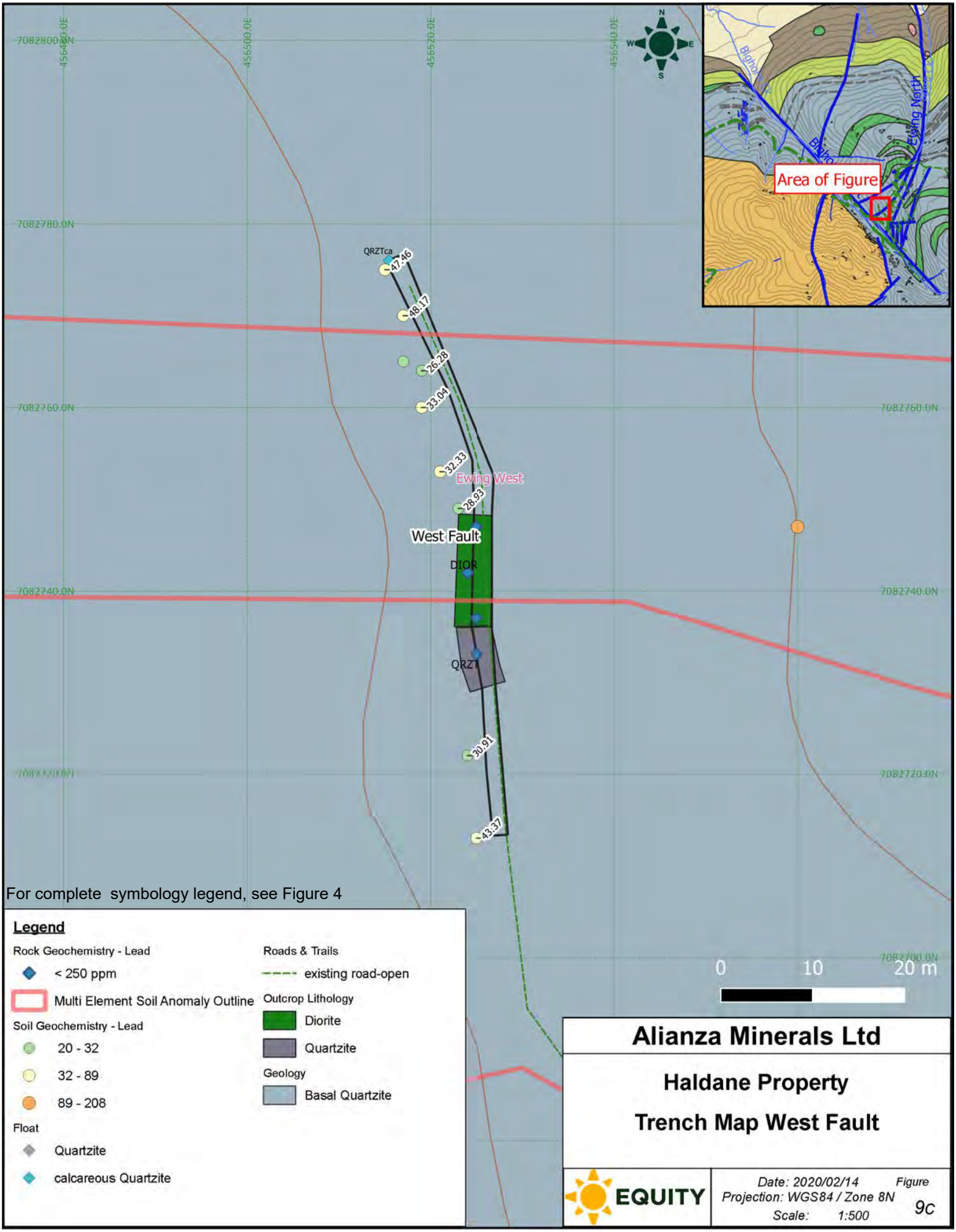
Figure 9b

Plate 13: Fractured, brecciated and oxidized zone in trench BH02 (right foreground) included in section of 0.25% Pb over 10.6 m.

A 60 m trench was excavated at the west end of the West Fault Road where it crosses the Ewing West soil anomaly (Jones, 2018), thought to be related to a splay off the West Fault. Manganese-oxide fracture coatings are common in float rocks in this area. Unfortunately, the trench only reached bedrock near the east end of the trench. Bedrock comprised 13 m of moderately foliated diorite in contact with massive quartzite that is weakly silicified, possibly due to thermal contact effects. Eight soil samples and 4 rock samples were taken from the trench and then it was reclaimed. No significant results were returned.

Additional trenching was done to follow up the 2018 trenching. Trench HLT18-02 was extended to the 20 m east to check for any additional structures. As well, a pit was dug at the western end of the trench, to better expose a fault uncovered in 2018. The foliation in the fault zone was measured at 255°/70°, which is at a high angle to the fault adjacent to the trench and so suggests cross faulting. The trench extension uncovered more phyllite and minor quartzite but no additional significant or mineralized structures. Four grab samples were taken from the pit and trench extension. The entire trench, including extension, were reclaimed prior to leaving the area.

A pit was dug at the location of the highest Pb-Zn-Ag soil geochemical results in Trench ANZ18-01. Bedrock was not seen in the pit despite a >4 m depth. Three grab samples of siliceous schist were taken from the pit bottom and one from the trench spoils prior to reclamation. None returned significant values for lead, silver or zinc.



For complete symbology legend, see Figure 4

Legend

Rock Geochemistry - Lead
- < 250 ppm
- Multi Element Soil Anomaly Outline

Soil Geochemistry - Lead
- 20 - 32
- 32 - 89
- 89 - 208

Float
- Quartzite
- calcareous Quartzite

Roads & Trails
- existing road-open

Outcrop Lithology
- Diorite
- Quartzite

Geology
- Basal Quartzite

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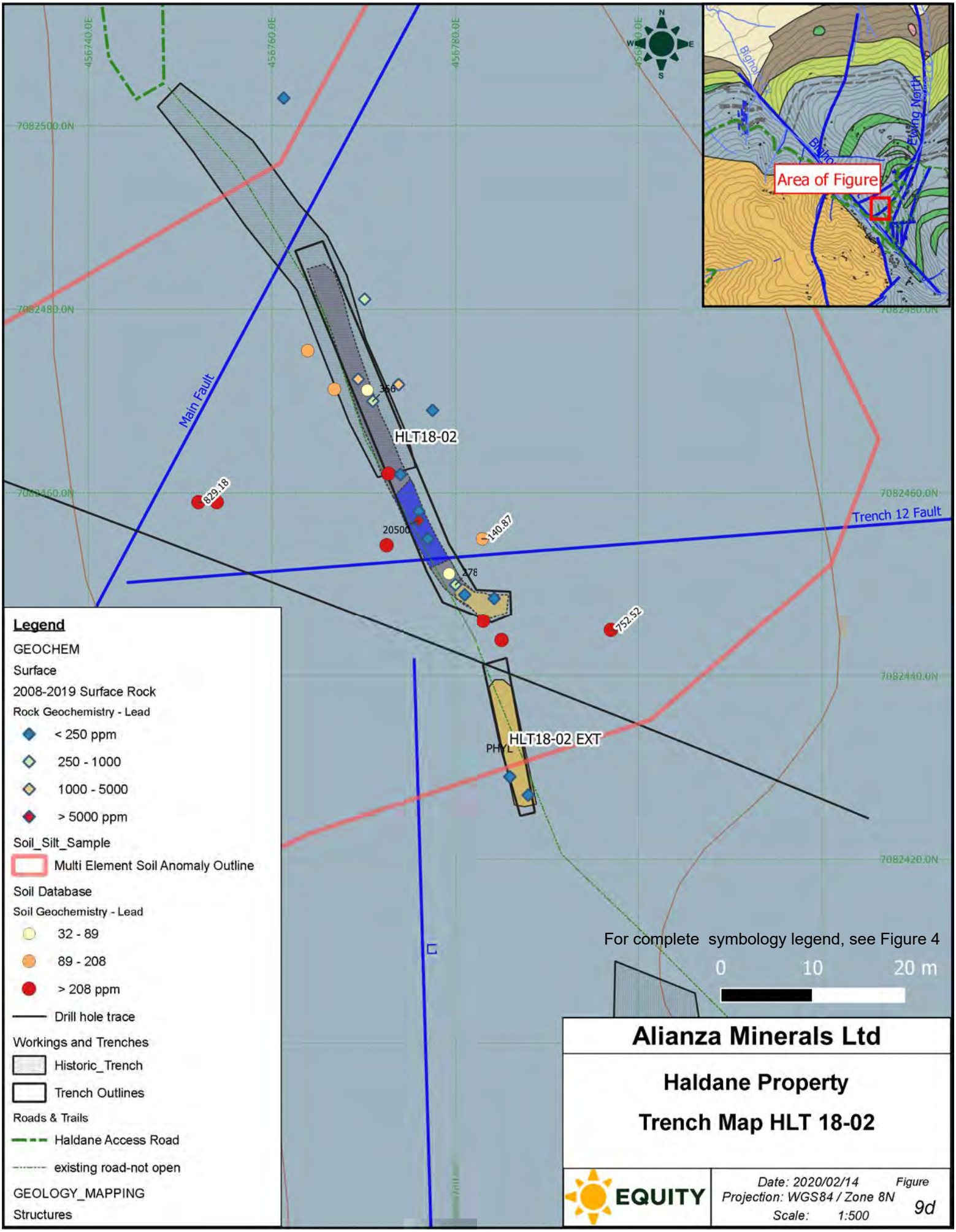
Haldane Property

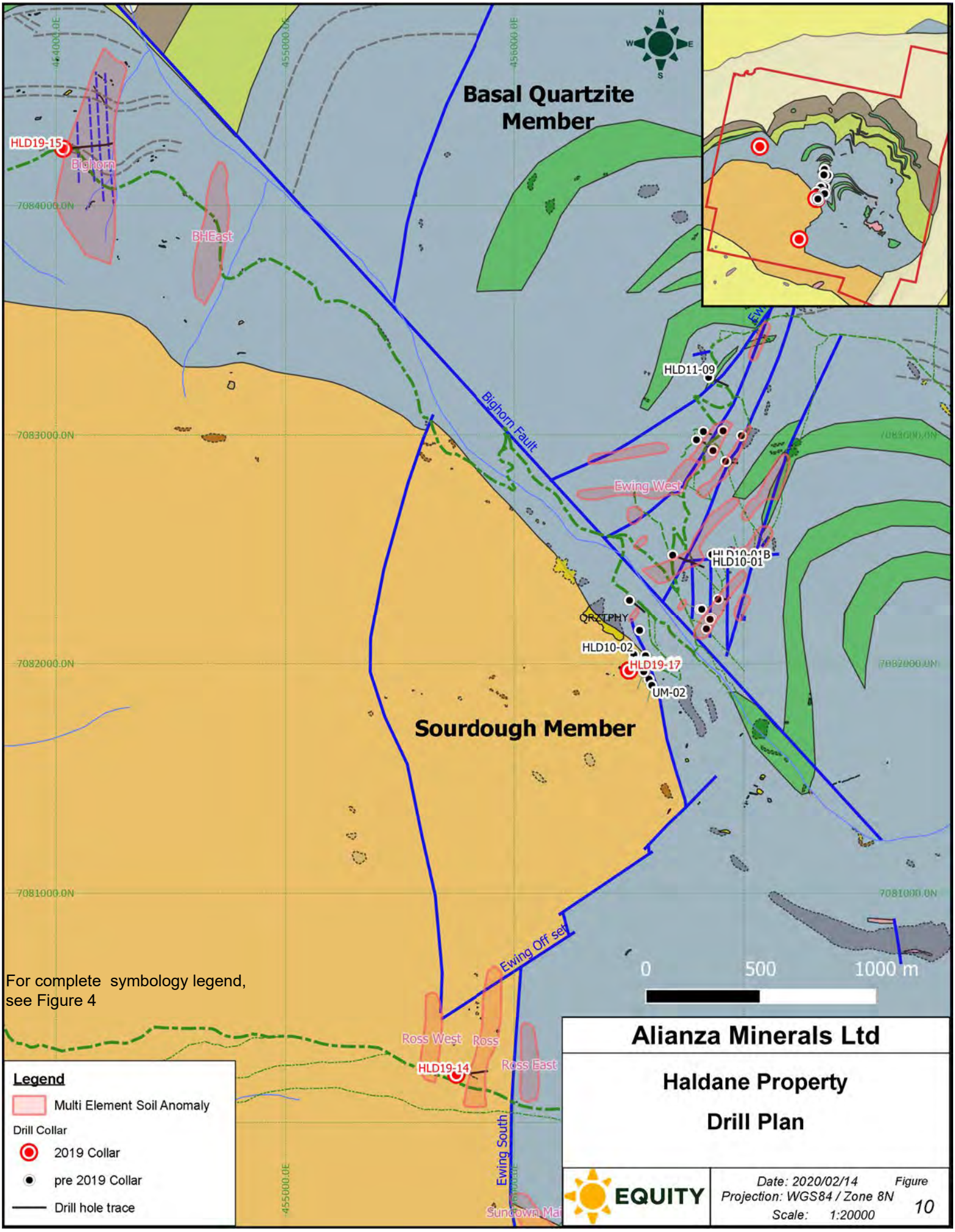
Trench Map West Fault

EQUITY

Date: 2020/02/14
Projection: WGS84 / Zone 8N
Scale: 1:500

Figure 9c


456740.0E
456760.0E
456780.0E
7082500.0N
7082480.0N
7082460.0N
7082440.0N
7082420.0N
N
S
E
W
Area of Figure
Bighorn
Flying North
Main Fault
Trench 12 Fault
HLT18-02
HLT18-02 EXT
829.18
20500
140.87
752.52
PHYL
For complete symbology legend, see Figure 4
0
10
20 m
Legend
GEOCHEM
Surface
2008-2019 Surface Rock
Rock Geochemistry - Lead
< 250 ppm
250 - 1000
1000 - 5000
> 5000 ppm
Soil_Silt_Sample
Multi Element Soil Anomaly Outline
Soil Database
Soil Geochemistry - Lead
32 - 89
89 - 208
> 208 ppm
Drill hole trace
Workings and Trenches
Historic_Trench
Trench Outlines
Roads & Trails
Haldane Access Road
existing road-not open
GEOLOGY_MAPPING
Structures
Alianza Minerals Ltd
Haldane Property
Trench Map HLT 18-02
EQUITY
Date: 2020/02/14
Projection: WGS84 / Zone 8N
Scale: 1:500
Figure
9d


Basal Quartzite Member
Sourdough Member
HLD19-15
Bighorn
BHEast
HLD11-09
Bighorn Fault
Ewing West
HLD10-01B
HLD10-01
QRZTPHY
HLD10-02
HLD19-17
UM-02
Ewing Off set
Ross West
Ross
HLD19-14
Ross East
Ewing South
Sundown Mat
7084000.0N
7083000.0N
7082000.0N
7081000.0N
455000.0E
456000.0E
0
500
1000 m
For complete symbology legend, see Figure 4
Legend
Multi Element Soil Anomaly
Drill Collar
2019 Collar
pre 2019 Collar
Drill hole trace
Alianza Minerals Ltd
Haldane Property
Drill Plan
EQUITY
Date: 2020/02/14
Projection: WGS84 / Zone 8N
Scale: 1:20000
Figure
10

9.4 Diamond Drilling

Four diamond drill holes (DDHs), totalling 963 m, were completed on the Haldane property in the period August 12 to September 15, 2019 (Figure 10, Table 7). The drill program was designed to test two new targets on the property, notably the Bighorn and Ross soil anomalies, as well as the extension of the Middlecoff Zone from historical underground workings. All three target areas were tested and significant mineralization was intersected at the Bighorn Anomaly and Middlecoff Zone. (Tables 8 and 9).

Table 9: 2019 Haldane drill hole summary

Hole	Target area	UTM_E*	UTM_N*	Elev m	Start Date	Finish Date	Total Depth (m)	Azimuth (°)	Dip (°)
HLD19-14	Ross	455745	7080208	927	2019-08-20	2019-09-24	225.0	090	-50
HLD19-15	Bighorn	454037	7084250	935	2019-08-25	2019-09-05	351.0	090	-50
HLD19-16	Middlecoff	456501	7081970	1210	2019-09-07	2019-09-10	187.0	085	-60
HLD19-17	Middlecoff	456501	7081970	1210	2019-09-10	2019-09-14	200.0	090	-70
Total m							963.0		

*NAD 83, Zone 08

Plate 14: Tracked drill and support vehicle set up on hole HLD19-15 at the Bighorn Anomaly. Drill site is located on the side of the main access road, minimizing local surface disturbance (454030E/7084247N).

All 2019 drilling was completed by New Age Drilling Solutions Ltd. of Whitehorse, Yukon, using a self-propelling tracked rig that was then converted to a fly rig for the two holes at the Middlecoff Zone. The two drillholes at the Ross and Bighorn anomalies were drilled very close to or on the main access road, minimizing disturbance (Plate 14). Site prep, drill move assistance and reclamation was done using a Komatsu 200 excavator from Mercer Contracting of Whitehorse. Helicopter support was provided by Fireweed Helicopters, based in Mayo, Yukon

Drill hole sites were spotted using a handheld GPS and the drill was oriented using a hand-held compass. Down-hole surveys were conducted for each hole using a Reflex EZ-Trac survey tool. All holes were drilled using HQ diameter running gear (63.50 mm core diameter) to try to maximize core recovery in unstable ground and allowing for flexibility to reduce if required.

Drill core was transported from the rig to the core logging facility using 4x4 truck. Core boxes were labelled with hole number, box number and meterage. Wet photographs were taken of all drill core. The core was logged for geology (lithology, alteration, mineralization, veining, and structure), core recovery, rock quality descriptor (RQD), and magnetic susceptibility using a GDD MPP probe. Drill core selected for sampling was cut in half using gas powered core saws, collected and sent to Bureau Veritas Labs preparation facility in Whitehorse, Yukon, and subsequently to their analytical lab in Vancouver, BC. The remaining half-core was returned to the corebox in proper order and orientation. QA/QC protocols and results are summarized in Appendix I.

Complete drill logs are located in Appendix G and certificates of analysis are located in Appendix H. Figures 11 to 13 show the drill hole cross sections. The core from drill holes HLD19-15, 16 and 17 are temporarily stored at the Silver Trail Lodge on Highway 11. These holes will eventually be stored with HLD19-14 and core from 2010-2013 at the road accessible old camp site located in the Bighorn Creek valley, down slope from the Middlecoff workings.

9.4.1 Ross Anomaly Drilling

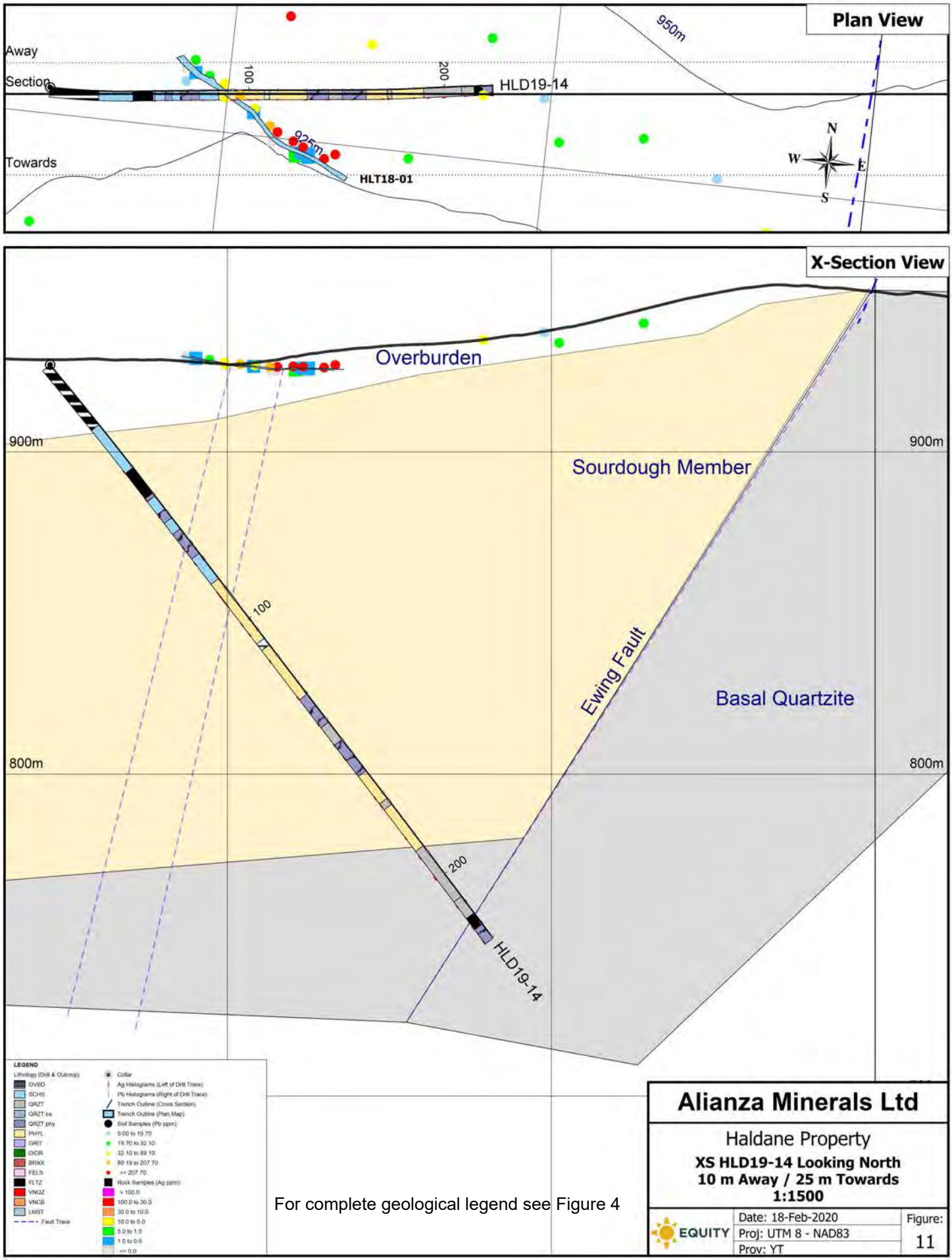
The Ross Anomaly is a 300 m by 100 m Pb-Zn-Ag soil anomaly, roughly along trend from the Middlecoff Zone on the Mt Haldane Vein System. The anomaly sits on schist and phyllite of the Sourdough Member of the Keno Hill Quartzite Formation but is interpreted to be proximal to the contact with the Basal Quartzite Member (Figures 6, 10). The Basal Quartzite consists of massive quartzite and phyllitic quartzite, which are the optimal host rocks for the vein-fault style of mineralization present on the Haldane Property.

Drill hole HLD19-14 (Figures 10, 11) was collared 65 m west of the very highly anomalous soil samples from trench HLT18-01. The hole was drilled east at -50° for 225 m to undercut the soil anomaly and with the aim of intersecting a prospective structure hosted in the more favourable Basal Quartzite Member at about 100 m depth. However, the hole passed beneath the anomaly within schist and phyllite of the Sourdough Member. The most promising intervals in this hole were both hosted in schist/phyllite, consisting of manganese and iron oxides in veinlets and shears at 69-71 m as well as trace (<0.1%) galena-sphalerite disseminated along foliation from 87.4-94.0 m depth. However, no significant assays were returned from either interval. Drilling intersected massive quartzite (Basal Quartzite Member?) at 180 m downhole depth, suggesting the designed target could be present at greater depth.

9.4.2 Bighorn Anomaly Drilling

Drill hole HLD19-15 (351 m at -50°), cut a west to east cross section near the centre of the north-south trending Bighorn Pb-Ag-Sn soil anomaly (Figures 10, 12). Earlier surface mapping and trenching as part of the 2019 program indicated the anomaly was formed by several, roughly north-south striking faults and/or silicified breccia zones. Trenching within the anomaly exposed wide sections of elevated Pb, up to 0.25% Pb over 10.6 m, in altered quartzite and phyllite of the Basal Quartzite Member. The core of these alteration zones is silicified, brecciated and weakly oxidized, and they are generally leached of all sulphide at surface. The drill hole was intended to test these structures at depth and better determine their styles of alteration and mineralization, as well as grades.

Drilling intersected four, significant, north trending, steep faults, plus several smaller faults, all with associated sulphide mineralization (Table 10). The best mineralized of these faults occurs from 150 to 159 metres and consists of gossanous, sheared and brecciated phyllitic quartzite with up to 3% scattered galena blebs. A 2.35 m section of leached carbonate-quartz veining within this fault returned 125 g/t Ag and 4.4%Pb. This fault appears to correlate with the silicified breccia/fault zone in Trench BH03. The other faults are locally weak to strongly silicified and bleached, due to white mica development, with gossanous fractures after Fe-rich carbonate and sulphide. Mineralization consists of siderite-quartz-galena-sphalerite veins and/or breccia fillings that is typical mineralogy for the vein-fault zones in the Keno Hill district. Scattered stringers of siderite-sphalerite-galena occur in the quartzite for several metres on either side of the mineralized faults. Locally, poor core recovery within the faults may have impacted the results i.e. the 45% recovered core from the interval from 196.95-198.00 m contains several percent galena-sphalerite mineralization.



For complete geological legend see Figure 4

Alianza Minerals Ltd

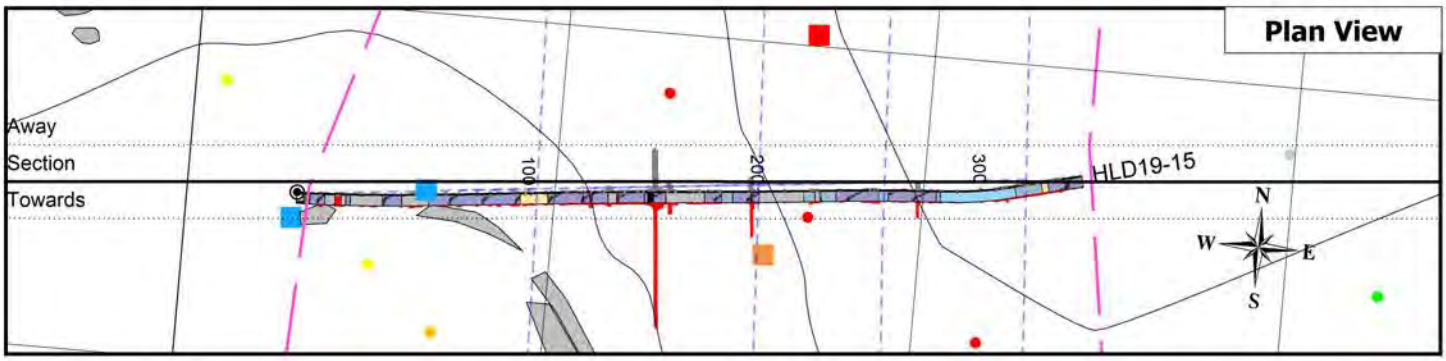
Haldane Property

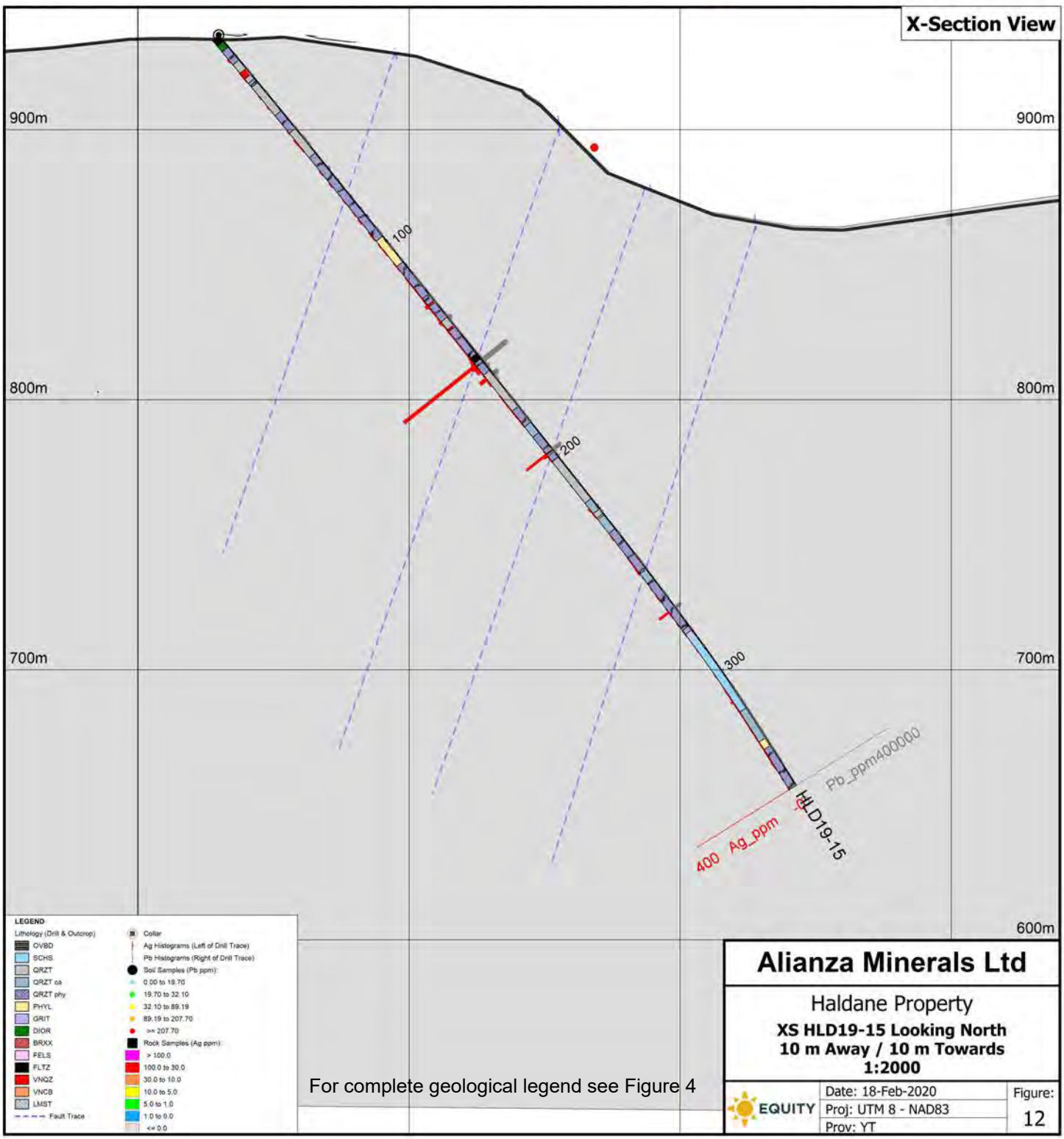
XS HLD19-14 Looking North
10 m Away / 25 m Towards
1:500

EQUITY

Date: 18-Feb-2020
Proj: UTM 8 - NAD83
Prov: YT

Figure: 11





For complete geological legend see Figure 4

Alianza Minerals Ltd

Haldane Property

XS HLD19-15 Looking North
10 m Away / 10 m Towards
1:2000

EQUITY

Date: 18-Feb-2020
Proj: UTM 8 - NAD83
Prov: YT

Figure: 12

There are two unusual zones of greenish alteration(?) of the phyllitic quartzite near the bottom of the hole, coincident with the appearance of sporadic white mica -silica bleaching alteration. An upper zone occurs from 187 to 307m and lower zone from 333to 351m (end of hole). The chlorite appears stronger in the core of these zones and wanes locally where siderite-quartz-sulphide stringers proliferate. In the lower zone it is most intense in the slips and fractures around a meta-quartz vein with sphalerite in fractures, occurring at 339m. For the most part the stronger chlorite zones do not appear to relate directly to a fault or other structure.

Table 10: Composites of note, Bighorn Anomaly, 2019 Haldane drill program

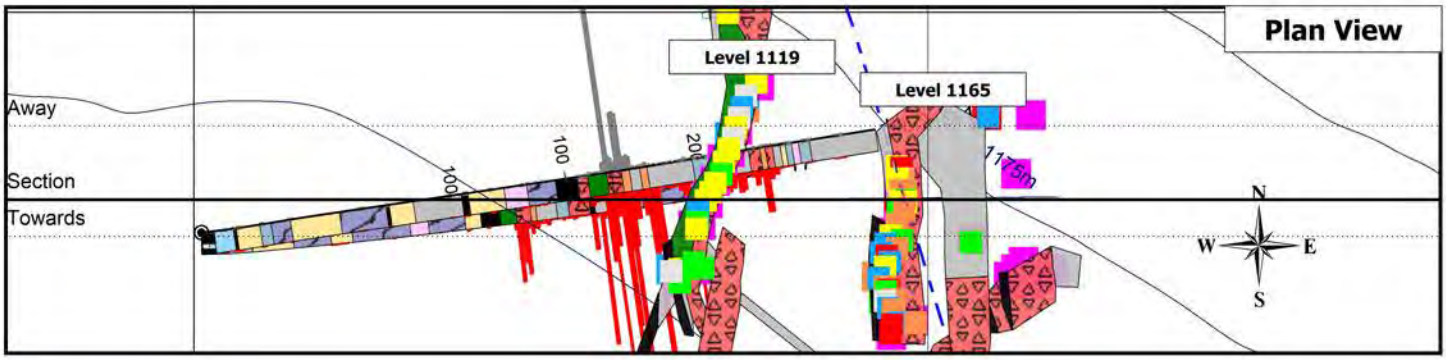
DrillHole	From m	To m	Core Interval m	Au g/t	Ag g/t	Pb %	Zn %	Ag/Pb Ratio*	Core Recovery %
HLD19-15	48.00	53.65	5.65	0.003	2.1	0.15	0.01	13.4	69
	133.30	135.50	2.20	0.013	5.6	0.66	0.05	8.4	97
	151.70	158.30	6.60	0.004	50.1	1.85	0.14	27.1	85
includes	**154.15**	**156.50**	**2.35**	**0.004**	**125.7**	**4.39**	**0.09**	**28.6**	**84**
	196.95	198.00	1.05	0.004	48.2	2.08	2.73	23.1	45
	251.00	253.60	2.60	0.007	3.2	0.07	1.01	42.2	86
	271.00	271.40	0.40	0.005	42.7	2.16	1.07	19.8	91
	328.65	329.40	0.75	0.003	2.0	0.06	1.03	31.5	100

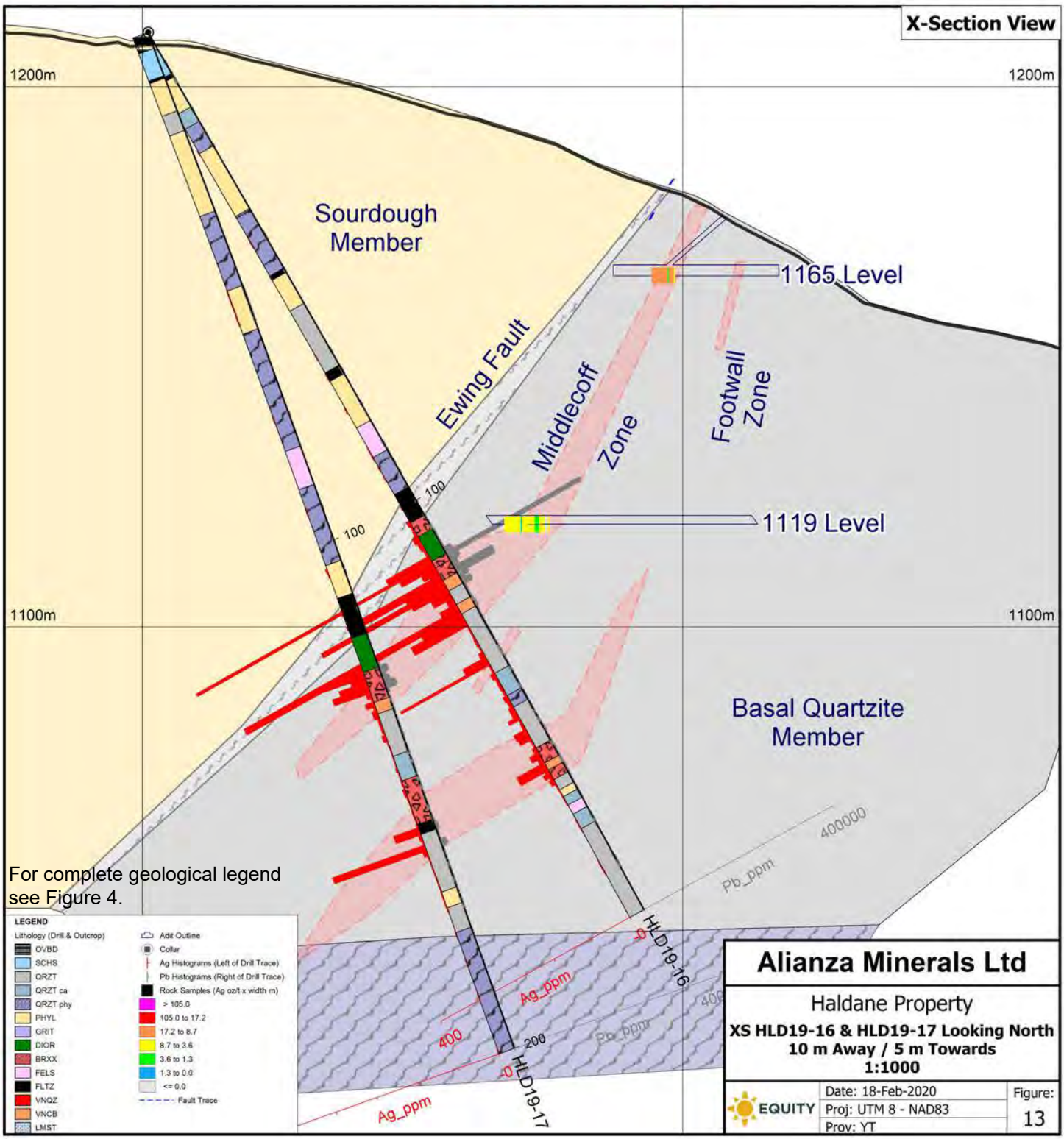
*Ag/Pb Ratio =Ag (g/t)/Pb (%)

9.4.3 Middlecoff Zone Drilling

Drill holes HLD19-16 and HLD19-17 targeted the Middlecoff Zone (Figures 10, 13), specifically along strike from a mineralized vein exposed underground for 13.7 m in the wall of a winze below the lower adit level (Aho, 1964). The vein returned an average of 775 g/t Ag in a series of 17 historic chip samples averaging 1.0 m wide. Recent mapping on the property (Jones and Branson, 2011) and historical underground mapping (Aho, 1964) suggests mineralized faults in the fault zones plunge 10-25° to the south. Drill hole HLD19-16 was designed to intersect this plunging shoot approximately 20-25 m south of a high-grade shoot in the lower Middlecoff adit. HLD19-17 targeted a more steeply south plunging (-50 to -60°) shoot (Jones and Branson, 2011) approximately 30-35 m below the high-grade zone, as well as 30 m down dip from HLD19-16. The holes were drilled at approximately right angles to the strike of the mineralized vein-faults. The holes were also designed to intersect the Middlecoff Zone below the Ewing Fault which cuts off mineralization up dip and along strike in the three adits on this zone. Recovery of mineralization in core was generally good in these two holes. Results from the Middlecoff drill holes are presented in Table 11.

The holes collared in rocks of the Sourdough Member and eventually passed through the Ewing Fault, marked by brecciated and sheared, graphitic phyllite and quartzite. Both holes intersected the Middlecoff Zone below the Ewing Fault, although HLD19-16 intersected a wider and more intensely mineralized section, including more significant vein-faults, than HLD19-17. Starting from the Ewing Fault, HLD19-16 cut fractured quartzite of the Basal Quartzite Member followed by a sheared, carbonatized diorite. From the lower diorite contact, at about 110 m, to about 125 m the hole crossed the Middlecoff Zone, comprising at least three mineralized vein-faults; from 110.30 to 112.76m, from 115.46 to 117.70m, and from 120.55 to 122.57 m. The mineralized structures consist of strongly oxidized vein material and fractured and broken core with fault gouge and sparse remnant sulphide (Plate 15). Surrounding these structures, the core is fractured, altered and mineralized with minor galena that is locally preserved in fractures and veins.





For complete geological legend see Figure 4.

Alianza Minerals Ltd

Haldane Property

XS HLD19-16 & HLD19-17 Looking North
10 m Away / 5 m Towards
1:1000

EQUITY

Date: 18-Feb-2020
Proj: UTM 8 - NAD83
Prov: YT

Figure: 13

Plate 15: Middlecoff Zone drill core from 115 to 124.2m in HLD19-16, includes two massive pyrolusite-goethite veins after siderite-galena and sphalerite (115.46-117.70m, 120.55-122.57) in highly fractured, locally brecciated quartzite. Some of the better grades in the section occur in the fractures and veinlets adjacent to the massive veins. Photo can be correlated with assay results in drill log for HLD19-16 in Appendix G.

Below the Middlecoff Zone, HLD19-16 cut two other mineralized structures, from 133.00 to133.35 m and 153.55 to156.40 m depth. The section from 153.55 to156.40 m contains another significant vein, identical to the upper veins, with massive Mn-Fe-oxides but with lower grade. There is a wide zone of fracturing and crackle brecciation of the host quartzite enveloping this vein from about 148.5 to 158m. The vein may represent the “Footwall Vein” mapped by earlier workers on surface (Aho, 1964), just east of the middle level adit portal. Following this lower zone, alteration and mineralization wanes quickly below a felsic dyke at 165m. The hole finished in massive, unaltered and unfractured quartzite at 187m.

Assay results from HLD19-16 include a 1.02 metre sample within the Middlecoff Zone that assayed 455.0 g/t silver, which occurs in a broader 10.66 metre section that averaged 125.6 g/t silver and covers two massive pyrolusite-goethite veins (Table 11). These may represent the “A” and “B” vein structures mapped in historical underground work (McClintock, 1988). A separate intersection returned 996 g/t silver, 1.486 g/t gold and 28.35% lead over 0.35 metres, at the upper contact of the Middlecoff Zone. This upper zone is characterized by elevated Au-Cu±Sb-As values. The two mineralized structures below the Middlecoff Zone returned less significant assays, with the lower zone (“Footwall Vein”) returning just 42.7 g/t Ag, 0.15% Pb and 1.24% Zn over 2.15 m despite intense pyrolusite-goethite mineralization.

Drill hole HLD19-17 encountered a similar geological section below the Ewing Fault but with fewer mineralized structures and lower grade. An interval of elevated Au-Cu-Sb-As occurs from 125.00 to 129.0 m, immediately below the diorite similar to HLD19-16. The Middlecoff Zone is expressed as an interval of highly fractured and mineralized rock extending from 125 to 134 m depth but is followed by a sharp drop in alteration

and grade. Unlike the two massive, oxidized veins in HLD19-16 there is only one obvious vein in HLD19-17 (from 130.90 to 133.15 m), with massive pyrolusite-goethite forming the groundmass of a matrix supported breccia. Assay results from the vein, particularly for silver, are considerably lower than for the veins in HLD19-16. Abundant Mn-Fe-oxides occur from 129 m to 134 m in fractures and veinlets outside the main vein.

Similar to HLD19-16, there is a lower zone lower in HLD19-17 that occurs in a strongly faulted, altered and mineralized section from 148.0 to 160.0 metres. However, this zone may not correlate with the "Footwall Vein" in HLD19-16 unless the structure lies significantly flatter than the other veins of the Middlecoff Zone. Within the faulted section there is an intersection of 180.0 g/t silver and 0.129 g/t gold over 1.00 metre.

Table 11: Composites of note, Middlecoff Zone, 2019 Haldane drill program

DrillHole	From m	To m	Core Interval m	Au g/t	Ag g/t	Pb %	Zn %	Ratio Ag/Pb	Core Recovery %
HLD19-16	110.30	112.76	2.46	0.458	211.1	5.45	3.37	38.8	77
includes	**111.35**	**111.70**	**0.35**	**1.486**	**996.0**	**28.35**	**0.53**	35.1	67
	114.34	125.00	10.66	0.074	125.6	1.27	0.47	99.2	89
includes	**114.34**	**117.70**	**3.36**	**0.208**	**155.8**	**3.64**	**0.99**	42.8	96
includes	114.34	115.46	1.12	0.287	189.8	7.90	0.35	24.1	98
and	116.25	117.00	0.75	0.187	262.0	0.74	1.97	354.0	95
	121.55	125.00	3.45	0.014	205.7	0.17	0.24	1210.3	91
includes	**121.55**	**122.57**	**1.02**	**0.015**	**455.0**	**0.39**	**0.51**	1160.7	82
	154.25	156.40	2.15	0.055	42.7	0.15	1.24	289.3	86
HLD19-17	**125.00**	**129.00**	**4.00**	**0.132**	**58.3**	**1.29**	**0.28**	45.2	98
	130.90	133.15	2.25	0.015	9.4	554	0.72	170.3	92
	155.60	160.00	4.40	0.148	56.2	0.38	0.36	149.7	84
includes	155.60	156.85	1.25	0.337	48.3	0.47	0.78	101.7	73
and	**159.00**	**160.00**	**1.00**	**0.129**	**180.0**	**0.94**	**0.50**	191.2	89

*Ag/Pb Ratio =Ag (g/t)/Pb (%)

10.0 SUMMARY AND RECOMMENDATIONS

10.1 Summary

The Keno Hill Mining District of the central Yukon is one of the premier silver-producing districts in North America. The Haldane property shares several geological characteristics with the Keno Hill mining camp that includes:

- mineralization hosted primarily by a thick section of Basal Quartzite Member of the Keno Hill Quartzite Formation that crosses the property from east to west, lying on the south limb of the McQuesten Anticlinorium and below the Robert Service Thrust.
- structurally controlled, vein and breccia mineralization in northerly trending, complex fault systems
- sulphide mineralization consisting of galena, sphalerite, tetrahedrite and pyrargyrite(?)
- abundant manganiferous carbonate and quartz gangue
- silver (g/t) to lead (%) ratios ranging from 10:1 to 1200:1, similar to the 30:1 to 5000:1 (average 205:1), ratios in the Keno Hill camp (Cathro, 2006).

- better grades in proximity to northwest cross-faults, exemplified by the significant showings adjacent to the Bighorn fault

Exploration on the Haldane property has primarily identified silver mineralization related to the Mt Haldane Vein System (MHVS). The structural corridor has showings over more than 4000 m of strike length from the Main Zone in the north to the Sundown Showing in the south. However, most previous work has focused on only about 1400 m of this strike length, from the Main to the Middlecoff zones, leaving significant room for future exploration. Exploration in 2018 provided broad-based geological mapping and geochemistry outside of the MHVS and located a new exploration target, the Bighorn Soil Anomaly, 2.8 kilometres west of the MHVS. Follow up exploration in 2019 has advanced the Haldane property significantly both within and outside the MHVS.

The Bighorn Anomaly was loosely defined in 2018 on the basis of two soil lines spaced 400 m apart in an area with little geological information. Early season mapping in 2019 quickly identified the presence of northerly trending vein-faults within the confines of the soil anomaly, occurring in the favourable Basal Quartzite Member. Infill soil geochemical work confirmed the 2018 results and expanded the anomaly to 900 metres north-south and ~150 m east-west, with very highly anomalous values that include one sample returning 63.8 g/t Ag and >1% Pb. Trenching exposed wide fracture zones related to silicified and brecciated fault zones with highly elevated Pb values but not significant Ag and Zn. These breccias contain moderate iron oxide whereas they lack sulphide and manganese oxide, the latter being particularly prevalent in other vein-faults on the property. Nonetheless, subsequent diamond drilling underneath this anomaly intersected multiple mineralized faults and breccias with significant galena, sphalerite and pyrite mineralization in siderite quartz gangue. The mineralization is associated with local zones of silicification, sericitization and chloritization. Scattered stringers of galena-sphalerite-pyrite in the wall rock around the mineralized faults could explain wide zones of anomalous Pb in trenches at surface. Perhaps the high pyrite content and lack of carbonate at Bighorn, which is atypical of other mineralized zones on the property, resulted in a more acidic environment that facilitated leaching of near-surface mobile elements, resulting in low values of Ag, Zn and Mn in soil and surface rocks. As well, the shallow depths of sulphide occurrence at Bighorn suggests more recent glaciation than most of the MHVS, resulting in less of the manganese oxide build up seen elsewhere. Nonetheless, the strong vein-fault system defined at Bighorn by the 2019 work is typical of the Keno Hill district.

The Middlecoff Zone was tested with two closely-spaced drill holes that followed up on high grade mineralization from the underground workings. The drill holes tested to the south along strike and down two plunge directions, one shallow and one steep, that were determined from surface and underground mapping (Jones and Branson, 2011; Aho, 1964). Both drill holes intersected wide intervals of the Middlecoff Zone defined by faulting and highly oxidized mineralized structures. Sulphide, including galena and sulphosalts, are locally preserved in narrower veins hosted by wall rock. Targeting the shallower plunge with HLD19-16 proved most effective, returning a relatively wide mineralized zone hosting multiple veins and grading 125.6 g/t silver over 10.66 m from 114.34 to 125.00 m depth.

Both holes intersected a vein-fault in the upper part of the Middlecoff Zone with elevated Au, Cu, and ±Sb-As. The highest grade of silver and lead in the drilling program was intersected in this fault as well, returning 966 g/t Ag and 28.35% Pb over 0.35m. This includes a narrow seam of fine-grained galena and sulphosalts(?) that was somehow preserved in a section of gossanous rubble and gouge. Nearby, patchy massive galena occurs in several veinlets in the fractured and altered quartzite host rock but the silver and lead grades are not as high. Ag:Pb ranges from 24 to 35 for this section in both drill holes (Table 11).

The lower part of the Middlecoff Zone has higher Ag:Pb, up to 1160, possibly due to generally lower Pb contents. But Au and Cu values are also lower, suggesting a different mineralizing fluid from the upper part of the zone. This elevated ratio is seen in both drill holes.

The higher overall lead and silver grade in HLD19-16 compared to HLD19-17 could reflect the pinching or weakening of the vein down dip, with hole HLD19-17 passing beneath a high-grade shoot. At this point, there is still nowhere near enough data to be conclusive about specific controls on mineralization at Middlecoff or other zones on the property. The structural complexity of the veins within the mineralized fault zones inhibits extrapolation of the zones beyond more than a few tens of metres. Further exploration should proceed

systematically with short step-out distances. That being said, the current data supports a relatively flat plunge to mineralization based on the strong results from HLD19-16 relative to HLD19-17.

The Ross Anomaly was tested with one diamond drill hole that failed to intersect a significant structure below the 2018 trench. The mineralization that was observed seems inadequate to explain the strength of the Pb-Zn-Ag soil results on surface. In addition, the hole was mostly drilled in schist and phyllite of the Sourdough Member that comprises a generally unfavourable host for mineralized veins. It is possible that better mineralization is present deeper on the section where the projected structure intersects the Basal Quartzite Member. This would be about 200 metres deep based on the section interpretation in Figure 11.

Infill soil sampling has better defined a gap (or off-set?) of anomalous soil results within the MHVS, between the fault mapped in trench HLT18-02 and the east-west trending Ewing West soil anomaly. The gap could be explained by off-set of the Mt Haldane Vein System by cross-cutting faults, similar to the longitudinal faults at Keno Hill. Or it may be the topographic expression of the tight structural control on mineralized shoots within the vein-faults. Either would result in discontinuous anomalies on a sloped surface. The relative paucity of bedrock exposure of the MHVS north of Bighorn Creek makes resolving the discontinuity difficult through mapping.

10.2 Recommendations

The Bighorn Anomaly was first defined in 2018 and has since advanced to a strong drill target. The mineralogy and geological setting of the Bighorn vein-faults is characteristic of the Keno Hill Mining camp. This includes the wide zone of stringer mineralization around the Bighorn vein-faults that are reminiscent of the ore-bearing structures elsewhere in the camp, where "*a fracture zone consisting of thin mineralized stringers can extend up to 7 or 8 m away from the main vein"* (Cathro, 2006). Additional drilling should be done at regular step outs, both along strike and down dip, until local controls on mineralization can be confirmed. Additional geological mapping is recommended even with the limited outcrop, as it is a low-cost method to add potentially valuable information. For example, further definition of phyllitic layers within the Basal Quartzite Member would help target zones related to competency contrasts.

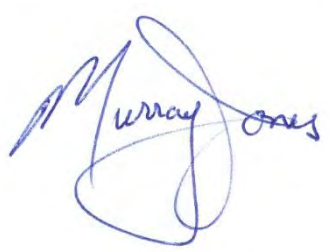
The Middlecoff Zone currently presents the most advanced target, where it may be possible to expand high grade shoots within a substantial, mineralized vein-fault system. From the prospecting shaft north of the lower level to the high grade result from drill hole UM-02 (2791 g/t Ag over 1.2 m) there is about 235 m of strike and about 150 m of dip (to drill hole HLD19-17) on the vein-fault albeit with highly variable mineralization. It appears that hole HLD11-10 limits the zone to the north (Figure 4) but it may have passed through the Middlecoff Zone while still in overburden. Drilling in 2019 demonstrated that the zone is open along strike and down dip below the Ewing Fault. This is corroborated by historical results from the underground development and drilling that show the structure extends both north and south of the workings. Future drilling should step out both north and south along the zone, starting close to the workings, to expand high grade mineralization and initially target a shallow plunge of 0° to 20°S, which was successful in 2019. Topography works against exploring to the south and drill sites may be difficult to establish, so drilling multiple holes from the same set-up where possible will be advantageous. Structural interpretation and 3-D modelling should be done to work out the sense and magnitude of the off-set of the Middlecoff Zone on the Ewing Fault as this may create additional targets i.e. where is the faulted portion of the high grade, mineralization cut off in the upper adit?

Additional targets on the Haldane project include several strong geochemical and geological targets north of Bighorn Creek like the Johnson Adit and South Johnson area, the West Fault along strike and down dip from HLD11-09 (Jones and Branson, 2011), and down dip and along strike from Main Zone. There is need for more detailed structural mapping in these areas to better understand controls on mineralization. As well, mapping to define the stratigraphy within the Basal Quartzite Member will help to develop drill targets related to competency contrasts. Selective trenching, including re-opening some of the older trenches, may be helpful as outcrop mapping is limited due to extensive talus cover north of Bighorn Creek. However, the talus also limits the effectiveness of trenching and trench locations will have to consider the surface cover.

The Ross Anomaly remains an important target yet to be fully explained. Additional drilling, including a shallower and deeper cut on the section of HLD19-14 is merited, and/or step out holes along the apparent

strike of the soil anomaly. Soil sampling should be expanded up slope from the current coverage to investigate the link, if any, between the Ross Anomaly and the Cabin Showing to the north.

Respectfully submitted,



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January 28, 2020

Appendix A: Bibliography

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Appendix B: Statement of Expenditures

EXPENDITURE STATEMENT

Project: Haldane Project-2019 Phase 1, June 2019

		UNITS	RATE	SUBTOTAL	TOTAL
WAGES:					
	Project Geologist, planning, field.	24.625	$ 750	$ 18,469	
	Geologist, field	15	$ 600	$ 9,000	
	Exploration Assistant, field	15	$ 450	$ 6,750	
	Senior Sampler, field	14	$ 350	$ 4,900	
	GIS/Logistics (hours)	12	$ 75	$ 900	
					$ 40,019
RENTALS (EQUITY AND NON EQUITY)					
Equity Rentals (days)					
	Chainsaw	1	$ 30	$ 30	
	Field Computer	14	$ 40	$ 560	
	Field Mapping Computers	24	$ 40	$ 960	
Non-Equity Rentals					
	Truck -K&K Rentals	15	$ 174	$ 2,610	
	Hand-held radios -Canadawide Comms	135	$ 2	$ 225	
	Satphone	1	$ 199	$ 199	
	Satphone minutes	40	$ 2	$ 80	
					$ 4,664
SUBCONTRACTS					
	Excavator Wilf's Contracting -Mayo			$ 9,400	
	Ecofor Heritage, Bird Surveys			$ 7,143	
					$ 16,543
ANALYSES (Bureau Veritas)					
	Rock Sample Analysis	121	$ 31	$ 3,769	
	Soil Analysis	409	$ 29	$ 12,029	
	Silt Analysis	9	$ 29	$ 265	
	Pb, Zn, Cu assay	3	$ 11	$ 33	
	Au, Ag Assay	2	$ 17	$ 33	
					$ 16,129
EXPENSES					
	Accomodation-Silver Trail Lodge			$ 6,650	
	Analytical Standards			$ 112	
	Automotive Fuel			$ 421	
	Camp Food-Mayo Foods			$ 2,671	
	Camp Supplies			$ 176	
	Expediting-Haldane Services, Mayo			$ 547	
	Field Supplies			$ 73	
	Freight Air North, Haldane Services			$ 327	
	Meals			$ 204	
	Taxis, Buses, Ferries, Parking, Tolls			$ 109	
	Project Supervision			$ 11,537	
					$ 22,827
ESTIMATED POST-FIELD EXPENSES					
	Report Estimate			$ 7,500	
					$ 7,500
SUBTOTAL					$ 107,681

EXPENDITURE STATEMENT
Project: Haldane - Phase 2 Drill Program

	UNITS	RATE	SUBTOTAL	TOTAL	
WAGES:					
Project Geologist, Ph.D., P.Geo., P.Eng.	88.38	$ 700	$ 61,866.00		Roger Hulstein, Jerome de Pasquale, Ronan Geoghegan, Murray Jones
Geologist	21.25	575	12,218.75		Jerome de Pasquale, Whitehorse
Exploration Assistant/level 3 FA	30	400	12,000.00		Matt Brickenden, Cumberland, BC
Cook	16	475	7,600.00		Doris John, Ross River
Cook + Level III FA	27	550	14,850.00		Cécile Légaré, Whitehorse
Cook helper	20	25	500.00		Louise Pratte, Mayo
Senior Sampler	21.5	325	6,987.50		Big River Exploration Services, Mayo. John McColloum, Vancouver
GIS/Logistics (hours)	106.75	75	8,006.25		
				124,028.50	
RENTALS (EQUITY AND NON EQUITY)					
Equity Rentals					
Camp (mandays)	373	-	$ -		
Core Saw (Gas)	21	60.00	1,260.00		
Field Computer	40	40.00	1,600.00		
First Aid (Level III)	37	30.00	1,110.00		
Generator (7.0kvA)	34	35.00	1,190.00		
Micromine Software (hours)	56.5	50.00	2,825.00		
Leapfrog Rental	389.2	1.00	389.20		
Toughbook, core logging	27	40.00	1,080.00		
Logging shack	37	20.00	740.00		
Non-Equity Rentals					
Truck K&K Truck Rentals	43	136.51	5,869.93		
Truck 2 K&K, Smalls	8	46.00	368.00		
Hand-held radios	510	1.75	892.50		
Repeater, Canadawide	50	13.33	666.67		
Mag. Susc. Meter, GDD	61	17.00	1,187.00		
Bulk Fuel Tank - AFD	41	53.57	2,196.37		
Survey tools _ALX (Reflex)	39	103.33	4,029.87		
Satellite System Rental-Total North	37	92.38	3,418.06		
Satellite System Installation-Total North	1	3412.00	3,412.00		
Silver Trail Lodge-daily	40	817.50	32,700.00		
Silver Trail_Extra Room	22	100.00	2,200.00		
				67,134.60	
SUBCONTRACTS					
Drilling-New Age Drilling Solutions			297,034.00		
Excavator -Mercer Contracting			19,890.00		
Helicopter - Fireweed Helicopters			64,685.20		
Padbuilding - Morgan Hendrie, Whitehorse			9,900.00		
Access Road Maintenance-Davy			3,632.50		
Watertruck, 1108 Yukon Ltd., Ross River			14,767.50		
				409,909.20	
ANALYSES Bureau Veritas, Whitehorse					
Grab FA430, AQ300	3	31.87	95.61		
Core FA430, AQ300	340	32.99	11,216.60		
Soil Analysis	1	25.71	25.71		
Au, Ag FA530	9	16.64	149.76		
Base Metal MA404	26	14.49	376.74		
Pb_Geochem	1	27.68	27.68		
				11,892.10	
EXPENSES					
Accomodation			$ 553.60		
Automotive Fuel-various			1,656.85		
Camp Food-Mayo Foods, Whitehorse			14,134.97		
Camp Supplies			2,414.12		
Core Boxes - ALX			4,417.50		
Courier			90.00		
Diesel-AFD			16,713.26		
Expediting - Haldane Services, Smalls Expediting			9,994.00		
Field Supplies			1,988.30		
Freight - Smalls Expediting, Haldane Services			11,827.00		
Meals			329.63		
Printing & Repro			99.00		
Kris Walters- water tank			300.00		
Taxis, Buses, Ferries, Parking, Tolls			135.00		
Lumber - Kilrich			1,493.73		
Saw Blades - ALX			1,240.00		
First Aid - actual			555.85		
Skidsteer-Kris Pavlovich			600.00		
Reclamation Seed - Alpine Seed			500.00		
Project Supervision			62,029.00		
				$ 131,071.80	
ESTIMATED POST-FIELD EXPENSES					
Report and Figures/GIS			$ 10,000.00		
Assessment filing (Gov't fees)					
				10,000.00	
TOTAL				754,036.20	

Appendix C: Soil Sample Descriptions

Sample_ID	UTM Zone	Easting	Northing	Date	Time	Elevation	QAQC	Primary_Sample	Property	Depth	Horizon	Colour	Texture1	Texture2	Slope Facing	Slope Degrees	Vegetation1	Vegetation2	Comments	Sampler(s)
1901601	8V	454377.762	7083890	06-18-2019	20:21:00	1027.998			HALDANE	15	B	Brown	Silt	Pebbles	NE	25	Grass	Brush		Derek Saxton
1901602	8V	454330.033	7083912	06-18-2019	20:38:18	1010.932			HALDANE	25	B	Grey	Clay	Silt	NE	30	Trees	Brush	PERMAFROST	Derek Saxton
1901603	8V	454288.201	7083941	06-18-2019	20:50:32	997.4264			HALDANE	10	C	Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901604	8V	454260.57	7083970	06-18-2019	21:00:32	983.7187			HALDANE	15	C	Grey	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901605	8V	454221.061	7084013	06-18-2019	21:20:33	970.9523			HALDANE	15	B	Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901606	8V	454191.624	7084049	06-18-2019	21:30:05	961.7029			HALDANE	15	C	Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901607	8V	454159.55	7084090	06-18-2019	21:43:19	953.9028			HALDANE	10	B	Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901608	8V	454128.057	7084137	06-18-2019	21:50:52	949.3599			HALDANE	10	B	Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901609	8V	454096.263	7084183	06-18-2019	21:58:41	951.7727			HALDANE	15	B	Brown	Silt	Sand	NE	30	Trees	Brush		Derek Saxton
1901610	8V	454069.44	7084213	06-18-2019	22:08:04	951.6661			HALDANE	25	B	Brown	Silt	Sand	NE	30	Trees	Brush		Derek Saxton
1901611	8V	454498.135	7084063	06-19-2019	16:56:24	962.2686			HALDANE	25	B	Brown	Silt	Pebbles	NE	20	Trees	Brush		Derek Saxton
1901612	8V	454464.576	7084100	06-19-2019	17:07:55	950.7603			HALDANE	20	B	Brown	Silt	Pebbles	NE	25	Trees	Brush	Wet soiland permafrost	Derek Saxton
1901613	8V	454433.162	7084139	06-19-2019	17:16:45	941.0925			HALDANE	25	B	Red Brown	Silt	Pebbles	NE	30	Trees	Brush		Derek Saxton
1901614	8V	454393.348	7084171	06-19-2019	17:24:09	928.7415			HALDANE	10	B	Red Brown	Silt	Pebbles	NE	20	Trees	Brush		Derek Saxton
1901615	8V	454363.363	7084211	06-19-2019	17:32:11	907.128			HALDANE	15	B	Brown	Silt	Pebbles	N	20	Trees	Brush		Derek Saxton
1901616	8V	454325.844	7084245	06-19-2019	17:46:43	893.0737			HALDANE	10	B	Black	Silt	Pebbles	N	20	Trees	Brush		Derek Saxton
1901617	8V	454298.623	7084282	06-19-2019	17:54:03	882.485			HALDANE	15	B	Brown	Silt	Pebbles	N	20	Trees	Brush		Derek Saxton
1901618	8V	454268.768	7084323	06-19-2019	18:05:58	860.6492			HALDANE	20	B	Brown	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901619	8V	454231.017	7084358	06-19-2019	18:14:24	858.324			HALDANE	20	B	Brown	Pebbles	Silt	N	15	Trees	Brush		Derek Saxton
1901620							1901620	1901619	HALDANE											Derek Saxton
1901621	8V	454197.561	7084398	06-19-2019	18:29:04	860.3657			HALDANE	15	B	Brown	Silt	Pebbles	N	30	Trees	Brush		Derek Saxton
1901622	8V	454166.676	7084436	06-19-2019	18:45:44	871.9873			HALDANE	10	B	Brown	Silt	Pebbles	NE	25	Trees	Brush		Derek Saxton
1901623	8V	454126.961	7084471	06-19-2019	18:52:59	888.6268			HALDANE	10	B	Brown	Silt	Clay	NE	20	Trees	Brush		Derek Saxton
1901624	8V	454096.469	7084509	06-19-2019	18:58:01	885.5344			HALDANE	15	B	Brown	Silt	Clay	NE	25	Trees	Brush		Derek Saxton
1901625	8V	454058.659	7084540	06-19-2019	19:13:54	876.9176			HALDANE	20	B	Brown	Silt	Organic	NE	15	Trees	Brush	permafrost	Derek Saxton
1901626	8V	454025.041	7084582	06-19-2019	19:20:27	864.6606			HALDANE	15	B	Grey	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901627	8V	453995.879	7084620	06-19-2019	19:27:58	855.1467			HALDANE	15	B	Brown	Silt	Organic	N	10	Trees	Brush	permafrost	Derek Saxton
1901628	8V	453959.067	7084659	06-19-2019	19:35:44	846.213			HALDANE	20	B	Brown	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901629	8V	453706.063	7084722	06-19-2019	21:00:29	824.6851			HALDANE	15	B	Brown	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901630	8V	453750.493	7084691	06-19-2019	21:06:30	828.4277			HALDANE	20	B	Brown	Silt	Pebbles	N	10	Trees	Brush		Derek Saxton
1901631	8V	453795.596	7084655	06-19-2019	21:11:48	838.4858			HALDANE	10	B	Brown	Silt	Pebbles	N	10	Trees	Brush	wet soil	Derek Saxton
1901632	8V	453831.638	7084621	06-19-2019	21:19:24	845.8211			HALDANE	10	B	Brown	Silt	Organic	N	15	Trees	Brush	Wet soiland permafrost	Derek Saxton
1901633	8V	453861.865	7084582	06-19-2019	21:27:51	860.0367			HALDANE	25	B	Brown	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901634	8V	453884.181	7084543	06-19-2019	21:40:21	875.0453			HALDANE	15	B	Brown	Silt	Organic	N	20	Trees	Brush	permafrost	Derek Saxton
1901635	8V	453929.767	7084513	06-19-2019	21:47:33	881.4821			HALDANE	20	B	Red Brown	Silt	Pebbles	N	15	Trees	Brush		Derek Saxton
1901636	8V	453967.493	7084470	06-19-2019	22:07:07	892.2076			HALDANE	20	B	Brown	Silt	Organic	N	5	Trees	Brush	permafrost	Derek Saxton
1901637	8V	453993.821	7084440	06-19-2019	22:14:11	899.1036			HALDANE	30	B	Brown	Silt	Organic	N	5	Trees	Brush	permafrost	Derek Saxton
1901638	8V	454039.22	7084404	06-19-2019	22:22:51	905.9619			HALDANE	20	B	Brown	Silt	Pebbles	N	10	Trees	Brush	permafrost	Derek Saxton
1901639	8V	454068.979	7084366	06-19-2019	22:31:07	922.283			HALDANE	25	B	Red Brown	Silt	Clay	N	25	Trees	Brush		Derek Saxton
1901640							BLANK	BLANK												Derek Saxton
1901641	8V	454099.614	7084328	06-19-2019	22:36:39	918.6702			HALDANE	25	B	Red Brown	Silt	Pebbles	N	20	Trees	Brush		Derek Saxton
1901642	8V	454128.88	7084284	06-19-2019	22:46:41	919.516			HALDANE	15	B	Red Brown	Silt	Pebbles	N	30	Trees	Brush		Derek Saxton
1901643	8V	453940.393	7084909	06-20-2019	16:51:33	803.5293			Haldane	50	B	Brown	Silt	Organic	N	25	Trees	Brush	permafrost	Derek Saxton
1901644	8V	453968.408	7084880	06-20-2019	17:07:14	820.563			Haldane	15	B	Brown	Silt	Pebbles	N	5	Trees	Brush		Derek Saxton
1901645	8V	454009.22	7084846	06-20-2019	17:13:29	832.2153			Haldane	15	B	Brown	Silt	Organic	N	15	Trees	Brush	permafrost	Derek Saxton
1901646	8V	454038.687	7084809	06-20-2019	17:20:26	833.7947			Haldane	15	B	Brown	Silt	Organic	N	10	Trees	Brush		Derek Saxton
1901647	8V	454075.487	7084770	06-20-2019	17:37:53	835.2326			Haldane	10	C	Brown	Pebbles	Silt	N	5	Trees	Brush		Derek Saxton
1901648	8V	454110.416	7084730	06-20-2019	17:46:08	834.4564			Haldane	5	C	Brown	Pebbles	Silt	N	5	Trees	Brush		Derek Saxton
1901649	8V	454142.793	7084697	06-20-2019	17:52:25	835.9858			Haldane	25	B	Brown	Silt	Organic	N	10	Trees	Brush	permafrost	Derek Saxton
1901650	8V	454182.881	7084661	06-20-2019	18:00:19	838.5413			Haldane	15	B	Brown	Silt	Organic	N	10	Trees	Brush	permafrost	Derek Saxton
1901651	8V	454214.376	7084628	06-20-2019	18:11:43	836.6772			Haldane	15	B	Brown	Silt	Organic	N	10	Trees	Brush		Derek Saxton
1901652	8V	454241.226	7084580	06-20-2019	18:19:36	836.0078			Haldane	10	B	Red Brown	Silt	Organic	E	15	Trees	Brush		Derek Saxton
1901653	8V	454276.025	7084558	06-20-2019	18:30:39	812.8102			Haldane	20	B	Brown	Silt	Pebbles	E	35	Trees	Talus		Derek Saxton
1901654	8V	454307.608	7084517	06-20-2019	18:49:56	804.4058			Haldane	10	B	Brown	Silt	Pebbles	NE	15	Trees	Brush	permafrost	Derek Saxton
1901655	8V	454351.987	7084482	06-20-2019	19:01:55	820.5237			Haldane	15	B	Brown	Silt	Organic	NE	10	Trees	Brush	permafrost	Derek Saxton
1901656	8V	454391.249	7084446	06-20-2019	19:15:16	833.1636			Haldane	5	B	Brown	Silt	Clay	N	25	Trees	Brush		Derek Saxton
1901657	8V	454420.163	7084407	06-20-2019	19:41:14	847.1874			Haldane	10	B	Brown	Silt	Pebbles	N	20	Trees	Brush		Derek Saxton
1901658	8V	454455.045	7084371	06-20-2019	19:47:10	849.7062			Haldane	15	B	Brown	Silt	Pebbles	N	35	Trees	Talus		Derek Saxton
1901659	8V	454494.619	7084335	06-20-2019	19:53:26	850.9932			Haldane	15	C	Brown	Silt	Pebbles	N	35	Trees	Talus		Derek Saxton
1901660	8V	454492.653	7084335	06-20-2019	20:03:58	854.7976	1901660	1901659	Haldane	15	C	Brown	Silt	Pebbles	N	35	Trees	Talus		Derek Saxton
1901661	8V	454531.273	7084299	06-20-2019	20:05:53	859.5526			Haldane	20	C	Brown	Silt	Pebbles	NE	35	Trees	Talus		Derek Saxton
1901662	8V	454559.592	7084263	06-20-2019	20:16:18	868.2322			Haldane	15	C	Brown	Silt	Pebbles	NE	35	Trees	Talus		Derek Saxton
1901663	8V	454592.275	7084224	06-20-2019	20:27:11	858.8979			Haldane	25	C	Brown	Silt	Pebbles	NE	35	Trees	Talus		Derek Saxton
1901664	8V	454630.839	7084193	06-20-2019	20:36:14	859.8553			Haldane	20	C	Brown	Silt	Pebbles	NE	35	Trees	Talus		Derek Saxton
1901665	8V	454666.032	7084154	06-20-2019	20:45:00	858.8328			Haldane	25	C	Brown	Silt	Pebbles	NE	35	Trees	Talus		Derek Saxton
1901666	8V	454701.609	7084120	06-20-2019	20:52:49	855.8589			Haldane	25	B	Brown	Silt	Organic	NE	30	Trees	Brush		Derek Saxton
1901667	8V	454741.164	7084090	06-20-2019	21:03:32	855.9172			Haldane	20	B	Brown	Silt	Pebbles	NE	35	Trees	Brush		Derek Saxton
1901668	8V	453570.65	7084580	06-20-2019	22:12:29	824.3845			Haldane	15	B	Brown	Silt	Organic	NW	10	Trees	Brush	permafrost	Derek Saxton
1901669	8V	453542.357	7084613	06-20-2019	22:25:41	823.4865			Haldane	15	B	Brown	Silt	Organic	NW	10	Trees	Brush	permafrost	Derek Saxton
1901670	8V	453502.269	7084652	06-20-2019	22:30:55	815.5833			Haldane	15	B	Brown	Silt	Organic	NW	10	Trees	Brush	permafrost	Derek Saxton
1901671	8V	453466.446	7084684	06-20-2019	22:39:09	808.5654			Haldane	15	B	Brown	Silt	Organic	NW	10	Trees	Brush	permafrost	Derek Saxton
1901801	8V	453824.523	7084471	06-18-2019	20:34:21	881.8201			Haldane	30	C	Brown	Silt		N	5	trees		frozen	MWillians

Sample_ID	UTM Zone	Easting	Northing	Date	Time	Elevation	QAQC	Primary_Sample	Property	Depth	Horizon	Colour	Texture1	Texture2	Slope Facing	Slope Degrees	Vegetation1	Vegetation2	Comments	Sampler(s)
1901802	8V	453873.338	7084454	06-18-2019	20:48:53	888.6284			Haldane	20	B	Brown	Silt		N	5	trees		frozen	MWillians
1901803	8V	453923.321	7084422	06-18-2019	21:13:58	892.4524			Haldane	20	B	Brown	Silt		N	5	trees		frozen	MWillians
1901804	8V	453944.476	7084361	06-18-2019	21:29:38	909.2415			Haldane	30	B	Brown	Silt		N	10	trees		frozen	MWillians
1901805	8V	453982.829	7084320	06-18-2019	21:45:56	920.9904			Haldane	40	B	Brown	Silt		N	5	trees		frozen	MWillians
1901806	8V	454008.328	7084277	06-18-2019	21:58:27	931.8801			Haldane	35	B	Brown	Silt		N	5	trees		frozen	MWillians
1901807	8V	454050.925	7084230	06-18-2019	22:15:19	944.3812			Haldane	40	B	Brown	Silt	Pebbles	N	5	trees		frozen	MWillians
1901808	8V	455172.595	7083204	06-19-2019	17:51:05	1088.521			Haldane	40	C	Brown	Sand	Silt	NE	40	Alpine	Trees		MWillians
1901809	8V	455122.343	7083233	06-19-2019	18:05:15	1089.377			Haldane	30	C	Brown	Sand	Silt	NE	40	Alpine	Trees		MWillians
1901810	8V	455075.289	7083262	06-19-2019	18:16:12	1090.495			Haldane	40	C	Brown	Pebbles	Silt	NE	40	Alpine	Trees		MWillians
1901811	8V	455033.141	7083277	06-19-2019	18:31:45	1076.858			Haldane	20	B	Brown	Silt	Pebbles	NE	40	Alpine	Trees		MWillians
1901812	8V	454988.108	7083303	06-19-2019	18:48:22	1072.62			Haldane	15	B	Brown	Silt	Organic	E	35	Alpine	Trees		MWillians
1901813	8V	454946.988	7083331	06-19-2019	19:07:32	1091.159			Haldane	30	C	Brown	Silt	Organic	E	40	Alpine	Trees		MWillians
1901814	8V	454852.909	7083373	06-19-2019	19:22:28	1113.94			Haldane	20	C	Brown	Silt	Pebbles	E	15	Alpine	Trees	100m NW of 1901813	MWillians
1901815	8V	454898.166	7083356	06-19-2019	19:47:28	1104.451			Haldane	30	B	Brown	Silt	Pebbles	E	35	Alpine	Trees	50m SE of 1901814	MWillians
1901816	8V	454813.564	7083405	06-19-2019	20:02:12	1097.291			Haldane	45	C	Brown	Silt	Pebbles	E	40	Alpine	Trees	50m NW of 1901814	MWillians
1901817	8V	454760.802	7083422	06-19-2019	20:13:21	1079.029			Haldane	40	C	Brown	Silt	Pebbles	N	40	Alpine	Trees		MWillians
1901818	8V	454703.234	7083465	06-19-2019	20:27:16	1053.089			Haldane	50	C	Brown	Pebbles	Silt	N	45	Brush	Trees		MWillians
1901819	8V	455099.425	7083273	06-19-2019	21:35:15	1087.3			Haldane	30	B	Brown	Silt	Pebbles	N	40	Alpine	Trees		MWillians
1901820	8V	455100.127	7083274	06-19-2019	21:36:58	1085.759	DUP1	1901819	Haldane	30	B	Brown	Silt	Pebbles	N	40	Alpine	Trees		MWillians
1901821	8V	455051.781	7083309	06-19-2019	21:56:57	1083.326			Haldane	30	C	Brown	Pebbles	Pebbles	N	40	Alpine	Trees		MWillians
1901822	8V	455019.294	7083342	06-19-2019	22:14:31	1055.98			Haldane	30	C	Brown	Silt	Silt	NE	35	Alpine	Trees		MWillians
1901823	8V	454977.587	7083384	06-19-2019	22:26:52	1060.267			Haldane	30	C	Brown	Silt	Silt	NE	35	Alpine	Trees		MWillians
1901824	8V	454948.786	7083411	06-19-2019	22:36:33	1072.85			Haldane	40	B	Brown	Silt	Silt	NE	35	Alpine	Trees		MWillians
1901825	8V	454911.719	7083448	06-19-2019	22:49:18	1075.176			Haldane	45	C	Brown	Silt	Silt	NE	30	Alpine	Trees		MWillians
1901826	8V	454868.137	7083472	06-19-2019	22:58:55	1073.129			Haldane	45	C	Red Brown	Silt	Silt	NE	30	Alpine	Trees		MWillians
1901827	8V	454169.209	7084253	06-20-2019	16:38:13	907.9252			Haldane	40	C	Yellow Brown	Silt	Pebbles	NE	20	trees	Alpine		Mwilliams
1901828	8V	454217.746	7084223	06-20-2019	16:54:23	901.0747			Haldane	50	C	Yellow Brown	Silt	Pebbles	NE	20	Talus	Alpine		Mwilliams
1901829	8V	454269.603	7084192	06-20-2019	17:08:53	896.2666			Haldane	50	B	Brown	Silt		N	5	Brush	Alpine		Mwilliams
1901830	8V	454291.616	7084152	06-20-2019	17:19:03	903.972			Haldane	45	C	Brown	Pebbles	Sand	NW	5	Brush	Alpine		Mwilliams
1901831	8V	454316.013	7084110	06-20-2019	17:30:33	925.0472			Haldane	60	B	Brown	Silt		W	30	Grass	Alpine		Mwilliams
1901832	8V	454342.568	7084071	06-20-2019	17:44:52	946.2579			Haldane	45	B	Brown	Silt	Sand	N	45	Brush	Alpine		Mwilliams
1901833	8V	454384.67	7084041	06-20-2019	18:02:44	972.9811			Haldane	25	B	Brown	Silt	Sand	N	40	Trees	Alpine		Mwilliams
1901834	8V	454414.081	7083996	06-20-2019	18:14:00	986.5124			Haldane	80	C	Grey	Silt	Pebbles	N	35	Trees	Alpine		Mwilliams
1901835	8V	454445.377	7083966	06-20-2019	18:25:19	993.8412			Haldane	50	C	Grey	Silt	Pebbles	N	25	Trees	Alpine		Mwilliams
1901836	8V	454477.448	7083924	06-20-2019	18:36:37	998.7111			Haldane	60	C	Grey	Silt	Sand	N	35	Trees	Alpine		Mwilliams
1901837	8V	454516.117	7083891	06-20-2019	18:47:22	997.1714			Haldane	40	C	Brown	Silt	Pebbles	N	25	Trees	Alpine		Mwilliams
1901838	8V	454556.032	7083862	06-20-2019	18:58:15	993.3771			Haldane	45	C	Brown	Silt	Sand	N	25	Trees	Alpine		Mwilliams
1901839	8V	454593.404	7083827	06-20-2019	19:05:15	991.0941			Haldane	50	C	Brown	Pebbles	Pebbles	NE	30	Trees	Alpine		Mwilliams
1901840	8V	454625.85	7083787	06-20-2019	19:12:53	985.3999			Haldane	30	C	Brown	Silt	Pebbles	NE	40	Trees	Alpine		Mwilliams
1901841	8V	454658.48	7083744	06-20-2019	19:22:43	978.8778			Haldane	60	C	Brown	Silt	Sand	NE	10	Alpine	Trees		Mwilliams
1901842	8V	454695.851	7083719	06-20-2019	19:35:12	953.2619			Haldane	40	C	Brown	Silt	Pebbles	NE	35	Trees	Alpine		Mwilliams
1901843	8V	454736.25	7083682	06-20-2019	19:45:08	947.6203			Haldane	30	B	Brown	Silt		NE	35	Brush	Alpine		Mwilliams
1901844	8V	454764.696	7083645	06-20-2019	20:01:45	958.7532			Haldane	60	C	Brown	Silt	Pebbles	N	10	Brush	Alpine		Mwilliams
1901845	8V	454802.192	7083604	06-20-2019	20:15:10	980.6971			Haldane	40	B	Grey	Silt	Pebbles	N	35	Brush	Alpine		Mwilliams
1901846							Blank		Haldane											Mwilliams
1901847	8V	454838.459	7083571	06-20-2019	20:25:11	1004.115			Haldane	30	C	Grey	Pebbles	Pebbles	N	40	Trees	Alpine		Mwilliams
1901848	8V	454870.449	7083537	06-20-2019	20:35:38	1034.886			Haldane	60	C	Grey	Silt	Pebbles	N	40	Trees	Alpine		Mwilliams
1901849	8V	453328.389	7084833	06-20-2019	22:21:40	767.4938			Haldane	40	B	Brown	Silt	Sand	N	5	Trees			Mwilliams
1901850	8V	453363.383	7084802	06-20-2019	22:30:52	779.6295			Haldane	40	B	Brown	Silt		N	5	Trees			Mwilliams
1901851	8V	453398.068	7084756	06-20-2019	22:38:35	786.0915			Haldane	20	B	Brown	Silt	Clay	N	5	Trees			Mwilliams
1901852	8V	453435.179	7084722	06-20-2019	22:49:24	794.5089			Haldane	20	B	Brown	Silt		N	5	Trees			Mwilliams

Appendix D: Soil Analytical Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: July 03, 2019
Report Date: July 25, 2019
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI19000139.1

CLIENT JOB INFORMATION

Project:	Haldane
Shipment ID:	ANZ19-01_001
P.O. Number	ANZ19-01
Number of Samples:	320

SAMPLE DISPOSAL

RTRN-PLP	Return After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
AQ251_EXT	320	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901601	Soil		2.09	36.55	19.06	48.5	436	12.6	2.9	199	2.33	14.2	0.6	2.2	2.8	9.3	0.32	0.56	0.34	39	0.03	0.039
1901602	Soil		3.64	28.85	23.91	80.2	1041	24.5	15.0	1266	2.24	26.4	1.3	2.5	1.9	26.4	1.24	0.59	0.38	27	0.28	0.086
1901603	Soil		2.81	11.79	16.38	68.2	437	15.0	5.6	274	2.26	13.2	0.5	3.9	1.6	12.8	0.14	1.24	0.26	28	0.11	0.065
1901604	Soil		1.07	17.45	20.83	60.2	947	11.7	2.3	170	1.57	9.7	0.8	2.0	1.5	20.8	0.33	0.45	0.29	22	0.11	0.061
1901605	Soil		2.33	30.80	1883.30	87.4	6158	15.4	4.7	279	2.93	30.3	1.1	9.2	2.2	21.5	0.26	6.61	0.58	38	0.10	0.120
1901606	Soil		2.02	51.24	561.64	175.0	2090	25.9	8.4	411	3.58	28.6	0.9	4.4	6.1	32.4	1.42	3.70	0.30	57	0.06	0.071
1901607	Soil		1.48	22.04	128.41	47.9	847	11.1	3.3	103	1.75	26.3	0.9	3.2	0.9	15.4	0.18	1.41	0.42	32	0.08	0.058
1901608	Soil		1.39	14.80	128.26	72.5	619	13.4	4.5	171	2.39	16.7	0.7	3.7	5.0	14.0	0.39	1.43	0.34	41	0.08	0.092
1901609	Soil		1.30	61.49	>10000	142.4	63805	23.5	7.5	253	2.47	23.8	1.5	9.1	6.3	16.8	1.20	33.89	0.69	34	0.16	0.087
1901610	Soil		1.18	21.49	160.10	81.1	809	19.6	6.2	175	2.16	10.4	0.8	2.1	3.4	16.4	0.31	1.18	0.21	32	0.20	0.074
1901611	Soil		2.10	24.15	20.59	64.6	276	19.9	6.7	234	1.91	9.5	0.7	2.8	2.5	17.3	0.23	0.69	0.18	26	0.18	0.060
1901612	Soil		2.45	35.74	12.87	72.5	297	23.1	10.9	513	2.37	11.7	1.2	2.4	3.7	15.6	0.20	0.91	0.22	31	0.16	0.069
1901613	Soil		1.31	12.73	12.31	45.5	75	11.3	4.0	162	2.51	14.9	0.5	6.8	2.2	9.5	0.10	1.08	0.21	41	0.07	0.056
1901614	Soil		1.45	15.06	11.52	51.2	63	14.0	4.4	162	2.88	17.5	0.6	3.4	4.0	10.5	0.15	1.18	0.25	46	0.08	0.038
1901615	Soil		2.58	42.14	18.40	69.2	602	18.6	5.8	284	2.90	21.8	1.8	4.7	2.6	21.4	0.33	1.52	0.33	40	0.11	0.087
1901616	Soil		2.37	37.34	26.68	54.7	624	15.9	4.5	191	2.03	31.4	0.9	3.3	2.6	22.2	0.19	4.79	0.24	37	0.12	0.055
1901617	Soil		2.23	18.75	18.33	70.3	577	15.6	5.2	252	2.25	22.7	0.7	4.5	3.9	14.1	0.17	1.03	0.24	29	0.19	0.089
1901618	Soil		1.67	18.12	35.12	64.7	359	17.5	10.8	631	1.91	13.7	0.8	10.3	3.4	20.1	0.35	0.91	0.17	25	0.27	0.078
1901619	Soil		1.33	17.05	648.54	69.3	2663	7.3	1.7	66	1.70	18.1	0.7	1.9	1.2	14.1	0.35	1.78	0.43	33	0.05	0.058
1901620	Soil		1.86	27.51	1153.47	105.8	5976	15.8	4.6	148	2.43	28.3	1.0	9.7	4.4	17.5	0.48	2.82	0.70	32	0.07	0.081
1901621	Soil		1.38	18.03	513.31	53.4	3669	9.2	2.6	74	1.84	18.0	0.8	10.8	4.6	13.4	0.30	1.38	0.35	32	0.06	0.051
1901622	Soil		1.74	22.86	1440.20	71.4	3211	14.5	4.4	174	2.09	26.3	0.6	23.9	4.2	13.8	0.27	2.74	0.91	32	0.09	0.073
1901623	Soil		1.06	23.98	21.44	64.0	354	16.3	5.6	143	2.21	11.2	0.8	2.7	1.5	10.9	0.23	0.72	0.20	35	0.13	0.057
1901624	Soil		0.81	13.13	41.85	50.2	156	10.8	4.1	124	1.98	11.4	0.5	2.1	1.0	9.5	0.29	0.55	0.17	37	0.09	0.040
1901625	Soil		2.30	33.86	66.49	88.5	1302	22.0	7.6	410	2.12	12.4	1.1	2.9	0.8	32.1	1.89	1.03	0.28	32	0.32	0.099
1901626	Soil		0.79	16.23	49.11	63.8	320	15.9	5.1	103	1.80	8.3	0.6	5.0	1.8	13.5	0.27	0.66	0.17	33	0.17	0.062
1901627	Soil		0.90	12.96	12.93	37.5	162	10.3	3.7	97	1.37	9.1	0.5	4.9	0.6	11.8	0.20	0.50	0.10	24	0.15	0.049
1901628	Soil		1.10	16.53	20.09	57.7	415	14.0	4.6	121	1.59	8.4	0.6	3.8	0.4	16.2	0.53	0.49	0.18	29	0.20	0.043
1901629	Soil		1.06	23.64	11.60	70.1	280	20.2	8.0	238	2.15	9.9	0.7	2.4	2.1	19.1	0.29	0.59	0.20	35	0.25	0.072
1901630	Soil		0.91	19.96	9.56	55.1	126	17.0	6.3	170	2.08	9.8	0.5	2.5	4.1	13.6	0.19	0.67	0.15	29	0.21	0.066

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901601	Soil		14.6	13.8	0.17	95.2	0.021	<1	0.70	0.004	0.02	0.2	1.0	0.08	0.02	37	0.5	0.08	4.7	1.60	<0.1	<0.02
1901602	Soil		15.0	19.7	0.36	238.1	0.011	<1	1.07	0.007	0.04	0.2	1.9	0.21	0.06	52	1.2	0.04	3.5	1.64	<0.1	<0.02
1901603	Soil		15.0	17.4	0.38	81.8	0.011	2	0.97	0.004	0.03	0.2	1.1	0.35	<0.02	40	0.6	0.04	3.5	1.03	<0.1	<0.02
1901604	Soil		14.2	19.0	0.44	83.4	0.012	1	1.01	0.004	0.03	0.2	1.3	0.49	0.03	75	0.6	0.02	4.0	1.48	<0.1	<0.02
1901605	Soil		19.5	23.9	0.35	74.1	0.014	1	1.22	0.005	0.05	0.3	1.6	0.96	0.04	73	1.4	0.08	4.7	2.15	<0.1	<0.02
1901606	Soil		23.8	43.1	0.69	73.7	0.010	<1	1.57	0.004	0.04	2.7	4.0	1.64	0.04	87	1.0	0.08	5.1	9.38	<0.1	<0.02
1901607	Soil		15.9	19.3	0.25	100.0	0.011	1	0.97	0.005	0.03	0.2	1.1	0.70	0.03	58	0.6	0.05	4.3	1.79	<0.1	<0.02
1901608	Soil		21.5	21.0	0.26	109.0	0.017	1	1.12	0.004	0.04	0.3	1.9	0.58	<0.02	23	0.3	0.05	4.6	1.32	<0.1	<0.02
1901609	Soil		20.6	22.8	0.36	128.9	0.020	1	1.21	0.007	0.05	0.3	3.5	0.72	0.06	135	4.3	0.13	3.7	0.94	<0.1	0.03
1901610	Soil		15.5	21.1	0.37	188.5	0.022	1	1.15	0.007	0.04	0.2	2.5	0.20	<0.02	41	0.5	0.03	3.5	0.91	<0.1	<0.02
1901611	Soil		14.7	17.5	0.40	177.8	0.013	1	1.01	0.005	0.03	0.2	1.7	0.14	<0.02	38	0.3	0.04	3.1	0.88	<0.1	<0.02
1901612	Soil		18.9	21.8	0.44	218.3	0.014	2	1.36	0.005	0.03	0.2	2.6	0.20	<0.02	48	0.4	0.04	3.8	1.31	<0.1	<0.02
1901613	Soil		13.0	21.4	0.25	75.7	0.021	<1	1.12	0.005	0.03	0.3	1.6	0.23	<0.02	34	0.5	0.04	4.5	0.96	<0.1	<0.02
1901614	Soil		16.9	23.3	0.36	130.8	0.027	<1	1.41	0.005	0.03	0.2	2.2	0.33	<0.02	23	0.3	0.06	5.3	1.41	<0.1	<0.02
1901615	Soil		23.8	28.0	0.44	211.2	0.016	<1	1.66	0.007	0.05	0.3	2.4	0.88	<0.02	58	0.8	0.07	5.3	2.20	<0.1	<0.02
1901616	Soil		20.2	26.1	0.41	144.0	0.010	<1	1.08	0.004	0.04	0.4	2.3	1.43	0.02	68	0.8	0.05	3.9	1.95	<0.1	<0.02
1901617	Soil		16.3	21.7	0.45	136.0	0.012	<1	1.11	0.005	0.05	0.3	1.8	0.37	<0.02	41	0.5	0.05	3.4	1.34	<0.1	<0.02
1901618	Soil		15.6	17.7	0.39	187.3	0.017	<1	0.92	0.007	0.04	0.3	2.0	0.26	<0.02	38	0.5	0.04	2.8	0.97	<0.1	0.04
1901619	Soil		17.3	12.2	0.10	110.0	0.016	<1	0.67	0.004	0.03	1.4	1.2	0.32	<0.02	44	1.0	0.04	3.9	1.11	<0.1	<0.02
1901620	Soil		21.2	21.2	0.23	94.6	0.014	<1	1.08	0.005	0.04	1.6	2.1	0.53	0.02	95	2.2	0.04	3.3	1.37	<0.1	<0.02
1901621	Soil		19.2	16.2	0.16	163.5	0.015	<1	1.05	0.004	0.03	0.6	1.9	0.34	<0.02	75	1.6	0.04	4.2	1.20	<0.1	<0.02
1901622	Soil		15.7	19.1	0.27	102.7	0.018	<1	1.05	0.004	0.03	0.4	1.7	0.62	0.03	43	2.2	0.04	3.3	0.91	<0.1	<0.02
1901623	Soil		14.4	20.5	0.34	166.4	0.016	<1	1.30	0.005	0.03	0.3	2.0	0.13	<0.02	44	0.4	0.04	4.0	0.87	<0.1	<0.02
1901624	Soil		13.0	17.0	0.25	135.4	0.016	<1	1.01	0.004	0.03	0.3	1.3	0.15	<0.02	42	0.4	0.03	3.7	0.74	<0.1	<0.02
1901625	Soil		15.0	21.3	0.38	408.6	0.018	1	1.20	0.009	0.06	0.2	2.1	0.75	0.04	101	0.8	0.05	3.8	1.34	<0.1	<0.02
1901626	Soil		13.7	19.0	0.35	186.5	0.017	<1	1.19	0.006	0.03	0.2	2.0	0.18	<0.02	52	0.3	0.03	3.6	0.92	<0.1	<0.02
1901627	Soil		10.8	12.7	0.22	113.4	0.014	<1	0.68	0.005	0.02	0.3	1.0	0.08	<0.02	36	0.2	0.02	2.4	0.44	<0.1	<0.02
1901628	Soil		11.1	16.5	0.29	220.4	0.012	<1	1.00	0.006	0.04	0.2	1.1	0.20	0.02	61	0.3	0.02	3.5	0.86	<0.1	<0.02
1901629	Soil		14.4	21.4	0.39	329.9	0.018	1	1.28	0.008	0.04	0.2	2.5	0.16	<0.02	50	0.3	0.03	3.9	1.04	<0.1	<0.02
1901630	Soil		13.3	17.2	0.35	197.0	0.020	<1	0.97	0.005	0.03	0.4	1.8	0.10	<0.02	39	0.3	0.03	2.9	0.73	<0.1	0.02

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901601	Soil	0.75	4.7	0.4	<0.05	0.4	2.46	29.9	0.03	<1	0.1	6.0	<10	<2
1901602	Soil	0.38	6.1	0.4	<0.05	0.3	6.57	30.2	0.06	1	0.2	16.3	<10	<2
1901603	Soil	0.25	5.8	0.5	<0.05	0.2	2.79	30.7	<0.02	<1	0.1	14.7	<10	<2
1901604	Soil	0.33	6.0	0.4	<0.05	0.2	3.38	28.6	0.02	<1	<0.1	14.7	<10	<2
1901605	Soil	0.33	9.6	2.1	<0.05	0.4	4.85	38.8	0.05	<1	0.4	16.0	<10	<2
1901606	Soil	0.30	9.1	0.9	<0.05	0.5	7.62	49.2	0.04	<1	0.4	24.7	<10	<2
1901607	Soil	0.43	8.8	0.7	<0.05	0.2	3.82	31.5	0.02	<1	0.2	11.1	<10	<2
1901608	Soil	0.40	8.1	0.8	<0.05	0.5	4.60	43.2	0.02	<1	0.4	14.0	<10	<2
1901609	Soil	0.61	7.8	12.7	<0.05	1.4	9.07	36.9	0.08	<1	0.4	15.1	<10	<2
1901610	Soil	0.38	6.7	0.5	<0.05	0.4	5.90	31.0	0.02	<1	0.3	15.5	<10	<2
1901611	Soil	0.27	6.1	0.3	<0.05	0.3	4.07	30.1	<0.02	<1	0.2	16.2	<10	<2
1901612	Soil	0.35	7.0	0.3	<0.05	0.4	6.09	39.6	0.02	<1	0.4	17.7	<10	<2
1901613	Soil	0.81	7.6	0.4	<0.05	0.3	2.43	26.4	0.02	<1	0.2	11.7	<10	<2
1901614	Soil	0.84	7.4	0.4	<0.05	0.7	4.12	34.0	<0.02	<1	0.2	14.8	<10	<2
1901615	Soil	0.51	9.0	0.5	<0.05	0.2	8.49	49.5	0.03	<1	0.4	21.8	<10	<2
1901616	Soil	0.24	7.1	0.5	<0.05	0.2	6.48	38.2	0.03	<1	0.2	16.6	<10	<2
1901617	Soil	0.31	7.0	0.3	<0.05	0.6	4.89	33.1	0.03	<1	0.2	15.6	<10	<2
1901618	Soil	0.39	7.7	0.2	<0.05	2.8	5.60	32.3	<0.02	<1	0.3	12.8	<10	<2
1901619	Soil	0.44	6.8	1.8	<0.05	0.6	3.82	34.3	0.05	<1	0.2	3.3	<10	<2
1901620	Soil	0.45	8.6	2.0	<0.05	0.4	6.03	43.0	0.12	<1	0.3	12.1	<10	<2
1901621	Soil	0.51	8.4	2.6	<0.05	0.6	6.10	39.9	0.04	<1	0.3	6.5	<10	<2
1901622	Soil	0.46	7.0	5.6	<0.05	0.6	4.04	31.1	0.12	<1	0.3	13.4	<10	<2
1901623	Soil	0.42	7.8	0.4	<0.05	0.2	4.45	29.7	0.02	<1	0.3	15.3	<10	<2
1901624	Soil	0.39	5.2	0.4	<0.05	0.2	3.15	26.9	<0.02	<1	0.2	10.0	<10	<2
1901625	Soil	0.47	8.9	0.6	<0.05	0.3	7.51	30.9	0.04	1	0.3	13.2	<10	<2
1901626	Soil	0.44	6.7	0.4	<0.05	0.2	4.39	28.2	0.02	<1	0.3	14.0	<10	<2
1901627	Soil	0.20	3.4	0.3	<0.05	0.1	2.96	22.4	<0.02	<1	0.1	7.3	<10	<2
1901628	Soil	0.37	6.3	0.4	<0.05	0.2	3.33	23.0	0.02	<1	0.2	10.1	<10	<2
1901629	Soil	0.52	7.9	1.1	<0.05	0.2	5.52	29.3	<0.02	<1	0.3	15.4	<10	<2
1901630	Soil	0.42	5.2	0.3	<0.05	0.8	4.70	27.6	0.02	<1	0.2	10.7	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901631	Soil		0.98	19.37	10.50	59.4	191	15.5	5.6	138	1.88	9.1	0.6	2.3	1.1	13.7	0.42	0.53	0.18	32	0.17	0.062
1901632	Soil		1.07	24.02	10.21	66.5	202	16.5	6.0	164	1.87	8.0	0.7	3.2	2.7	13.2	0.47	0.61	0.18	29	0.17	0.059
1901633	Soil		1.38	32.71	11.79	72.8	342	18.4	5.4	162	2.00	9.6	0.9	2.7	0.8	16.7	0.83	0.54	0.22	33	0.19	0.061
1901634	Soil		1.78	24.97	13.73	93.1	178	18.8	11.8	509	2.48	11.9	0.8	4.1	4.1	17.8	0.73	0.91	0.21	31	0.22	0.086
1901635	Soil		0.78	12.70	19.41	52.3	358	11.9	6.4	357	2.25	8.8	0.5	1.9	1.0	10.3	0.54	0.44	0.17	33	0.10	0.042
1901636	Soil		1.12	17.71	26.27	79.8	214	18.8	7.1	203	2.30	12.5	0.7	2.9	2.5	17.9	0.30	0.76	0.20	37	0.24	0.071
1901637	Soil		1.10	24.20	21.72	75.7	592	20.1	7.3	265	1.82	8.0	0.9	2.2	0.4	19.2	1.23	0.54	0.30	31	0.26	0.074
1901638	Soil		0.95	15.87	45.49	69.5	314	15.4	4.9	102	1.93	10.8	0.6	1.9	1.6	11.3	0.36	0.62	0.18	35	0.14	0.054
1901639	Soil		0.86	16.93	28.45	58.1	250	14.8	5.4	312	2.63	17.7	0.4	1.9	4.3	5.6	0.23	0.72	0.32	48	0.05	0.059
1901640	Soil		4.16	20.79	0.91	32.1	15	7.0	4.2	573	2.31	1.4	0.4	0.5	2.3	27.9	0.02	0.15	<0.02	24	0.72	0.038
1901641	Soil		2.05	13.99	892.46	226.6	1172	17.4	6.1	241	3.05	24.2	0.6	2.0	5.0	9.1	0.41	5.36	0.36	49	0.07	0.113
1901642	Soil		1.43	26.15	546.09	120.5	2993	17.3	5.9	219	2.80	21.6	0.5	3.4	3.4	9.1	0.55	1.61	0.26	50	0.08	0.072
1901643	Soil		0.49	17.34	8.67	87.7	214	17.8	8.0	338	1.63	5.0	0.7	1.5	4.0	28.5	0.33	0.36	0.15	26	0.72	0.043
1901644	Soil		5.88	83.57	17.05	118.6	226	32.9	17.9	1548	3.53	13.0	1.1	1.7	5.6	14.8	0.44	0.43	0.46	40	0.07	0.060
1901645	Soil		1.51	29.98	21.57	67.4	232	16.4	5.9	210	1.83	9.0	0.6	2.8	1.5	11.2	0.25	0.43	0.19	33	0.12	0.050
1901646	Soil		1.20	17.94	21.27	92.0	160	15.6	7.6	361	2.16	13.9	0.5	4.9	2.3	10.3	0.34	0.59	0.45	41	0.11	0.039
1901647	Soil		2.01	19.36	25.44	90.3	259	19.8	11.1	574	2.87	14.9	0.5	0.8	3.2	7.2	0.28	0.90	0.44	56	0.06	0.049
1901648	Soil		1.19	9.58	11.21	39.2	127	10.1	3.7	118	1.66	11.8	0.4	2.5	0.6	7.7	0.16	0.43	0.17	42	0.09	0.037
1901649	Soil		1.12	23.54	16.02	46.8	337	13.8	4.5	128	1.63	8.5	0.7	2.2	0.7	13.8	0.38	0.51	0.15	31	0.18	0.069
1901650	Soil		1.08	31.16	24.82	44.8	442	14.2	4.9	141	1.49	6.7	1.0	5.0	0.4	15.9	0.68	0.54	0.16	27	0.17	0.069
1901651	Soil		1.10	29.13	153.35	78.4	646	17.9	6.4	194	2.02	12.4	0.6	4.4	3.1	12.4	0.28	1.04	0.18	34	0.16	0.055
1901652	Soil		1.11	17.82	49.42	52.6	183	15.4	5.6	179	2.26	13.2	0.4	3.8	4.4	6.0	0.19	0.83	0.17	40	0.05	0.028
1901653	Soil		1.44	27.16	175.73	80.6	1124	17.0	6.5	246	2.33	16.1	0.7	2.7	4.9	11.0	0.46	1.25	0.21	43	0.10	0.049
1901654	Soil		1.21	14.90	38.92	51.5	222	14.3	5.3	237	1.60	9.9	0.7	3.4	3.6	17.0	0.21	0.74	0.13	25	0.24	0.062
1901655	Soil		1.05	9.67	10.05	50.6	137	12.0	5.4	253	1.50	8.9	0.5	1.0	2.7	15.7	0.15	0.43	0.12	28	0.26	0.056
1901656	Soil		0.73	25.79	12.15	62.0	355	17.7	6.6	141	1.84	7.3	1.0	2.0	3.7	13.5	0.26	0.77	0.17	32	0.17	0.060
1901657	Soil		1.22	16.98	18.62	51.1	166	14.2	6.1	217	2.02	12.2	0.5	13.8	1.4	10.0	0.18	0.88	0.21	36	0.09	0.048
1901658	Soil		1.03	19.69	21.80	47.4	188	13.3	5.0	160	1.80	11.1	0.6	4.8	1.6	9.6	0.22	0.80	0.19	34	0.08	0.049
1901659	Soil		2.05	61.76	108.03	83.6	699	25.3	8.5	293	2.89	22.6	1.4	4.0	2.5	18.3	0.49	2.83	0.30	51	0.09	0.074
1901660	Soil		1.96	59.39	124.47	82.1	686	24.1	8.7	325	2.81	22.4	1.3	4.1	2.8	18.4	0.45	3.25	0.30	50	0.10	0.073

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901631	Soil		13.4	18.0	0.32	220.0	0.015	<1	1.07	0.005	0.03	0.3	1.5	0.17	<0.02	41	0.2	0.03	3.7	0.90	<0.1	<0.02
1901632	Soil		14.4	17.9	0.34	179.1	0.018	1	1.05	0.006	0.03	0.3	1.9	0.22	<0.02	43	0.3	0.03	3.2	0.87	<0.1	<0.02
1901633	Soil		13.6	19.9	0.34	254.4	0.014	1	1.13	0.007	0.04	0.3	1.6	0.26	0.02	53	0.5	0.05	3.9	0.96	<0.1	<0.02
1901634	Soil		18.4	19.0	0.37	178.7	0.024	<1	1.02	0.008	0.04	0.3	2.2	0.23	<0.02	50	0.6	0.05	2.9	0.78	<0.1	<0.02
1901635	Soil		12.6	18.4	0.26	144.8	0.015	<1	1.14	0.004	0.03	0.2	1.2	0.15	<0.02	33	0.2	0.04	4.4	1.16	<0.1	<0.02
1901636	Soil		13.1	22.1	0.40	291.3	0.019	<1	1.28	0.008	0.04	0.2	2.5	0.17	<0.02	46	0.5	0.03	3.9	1.01	<0.1	<0.02
1901637	Soil		13.2	17.5	0.27	383.6	0.010	1	1.08	0.007	0.03	0.2	1.3	0.15	0.04	68	0.5	0.03	3.3	1.00	<0.1	<0.02
1901638	Soil		13.2	19.3	0.34	169.1	0.014	<1	1.19	0.005	0.03	0.3	1.7	0.15	<0.02	44	0.4	0.03	3.6	0.89	<0.1	<0.02
1901639	Soil		11.1	18.5	0.28	92.3	0.024	2	1.13	0.004	0.03	0.3	1.7	0.11	<0.02	27	0.1	0.04	4.0	0.86	<0.1	0.03
1901640	Soil		5.0	14.5	0.49	57.4	0.063	3	1.02	0.073	0.08	0.3	2.7	<0.02	0.04	<5	<0.1	<0.02	4.0	0.14	<0.1	0.10
1901641	Soil		13.9	22.9	0.27	113.3	0.023	1	1.34	0.004	0.04	5.9	1.9	0.35	<0.02	42	0.9	0.05	4.4	1.06	<0.1	0.03
1901642	Soil		14.1	22.9	0.34	121.3	0.019	1	1.33	0.004	0.04	1.6	2.0	0.17	<0.02	52	0.5	0.06	4.7	1.00	<0.1	<0.02
1901643	Soil		10.4	15.3	0.37	180.9	0.018	2	0.89	0.009	0.04	0.2	2.2	0.08	0.03	38	0.4	0.03	2.5	0.67	<0.1	0.04
1901644	Soil		20.5	27.1	0.63	154.3	0.014	1	1.59	0.004	0.04	0.2	1.7	0.24	0.02	23	0.3	0.13	5.2	3.45	<0.1	0.04
1901645	Soil		13.2	17.3	0.34	154.5	0.014	1	1.09	0.005	0.03	0.2	1.5	0.17	<0.02	31	0.3	0.04	3.5	0.91	<0.1	<0.02
1901646	Soil		15.0	18.8	0.32	169.4	0.022	2	1.04	0.005	0.04	0.2	1.6	0.13	<0.02	27	0.2	0.03	3.9	1.06	<0.1	<0.02
1901647	Soil		12.6	22.9	0.36	125.8	0.030	2	1.36	0.007	0.05	0.3	2.1	0.26	<0.02	21	0.2	0.04	5.0	1.11	<0.1	<0.02
1901648	Soil		10.3	16.4	0.26	102.7	0.016	1	0.93	0.004	0.03	0.2	1.0	0.09	<0.02	28	0.2	0.03	4.1	0.81	<0.1	<0.02
1901649	Soil		11.1	15.9	0.27	250.2	0.010	2	0.93	0.006	0.03	0.2	1.3	0.13	0.03	49	0.4	0.03	3.0	0.76	<0.1	<0.02
1901650	Soil		10.7	15.8	0.22	259.4	0.009	2	0.87	0.007	0.04	0.2	1.1	0.19	0.04	59	0.5	0.03	3.0	0.80	<0.1	<0.02
1901651	Soil		14.9	19.6	0.35	176.8	0.021	1	1.17	0.005	0.04	0.3	2.2	0.21	<0.02	37	0.4	0.04	3.3	0.83	<0.1	<0.02
1901652	Soil		11.2	21.6	0.31	135.0	0.021	<1	1.34	0.004	0.03	0.2	1.8	0.14	<0.02	20	0.1	0.03	3.8	1.04	<0.1	0.05
1901653	Soil		14.4	23.2	0.34	192.6	0.018	1	1.31	0.005	0.04	0.3	3.0	0.30	<0.02	53	0.5	0.04	4.1	1.63	<0.1	0.03
1901654	Soil		14.9	14.9	0.34	143.0	0.015	1	0.83	0.005	0.03	0.4	1.6	0.23	<0.02	31	0.4	0.03	2.7	0.64	<0.1	<0.02
1901655	Soil		10.2	14.3	0.33	135.1	0.014	1	0.81	0.006	0.03	0.3	1.6	0.10	<0.02	26	0.3	0.02	2.6	0.61	<0.1	<0.02
1901656	Soil		15.6	20.8	0.37	210.1	0.017	1	1.23	0.006	0.04	0.4	2.8	0.28	<0.02	46	0.5	0.03	3.4	0.95	<0.1	<0.02
1901657	Soil		13.4	18.8	0.30	109.1	0.015	<1	1.05	0.004	0.03	0.3	1.5	0.32	<0.02	32	0.3	0.03	3.7	0.99	<0.1	<0.02
1901658	Soil		13.6	18.8	0.30	87.8	0.017	1	1.00	0.004	0.03	0.4	1.5	0.30	<0.02	23	0.3	0.03	3.6	1.05	<0.1	<0.02
1901659	Soil		19.3	32.5	0.51	229.6	0.014	1	1.78	0.005	0.05	0.3	3.2	0.84	0.02	71	0.6	0.06	5.7	2.45	<0.1	<0.02
1901660	Soil		18.7	31.5	0.51	211.5	0.013	1	1.69	0.005	0.04	0.3	3.2	0.83	<0.02	69	0.5	0.06	5.2	2.21	<0.1	<0.02

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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901631	Soil	0.40	7.5	0.4	<0.05	0.2	3.94	27.1	<0.02	<1	0.3	12.3	<10	<2
1901632	Soil	0.42	6.9	0.3	<0.05	0.6	4.31	30.2	<0.02	<1	0.2	12.1	<10	<2
1901633	Soil	0.44	8.2	0.4	<0.05	0.3	4.72	28.3	<0.02	<1	0.3	12.1	<10	<2
1901634	Soil	0.56	6.2	0.7	<0.05	0.6	6.38	38.8	0.02	<1	0.4	12.5	<10	<2
1901635	Soil	0.42	6.7	0.5	<0.05	0.1	2.85	26.2	0.02	<1	0.2	12.8	<10	<2
1901636	Soil	0.53	6.5	0.4	<0.05	0.3	4.87	27.7	0.02	<1	0.2	14.2	<10	<2
1901637	Soil	0.37	8.3	0.4	<0.05	0.2	6.41	26.7	0.04	<1	0.3	9.8	<10	<2
1901638	Soil	0.39	7.3	0.5	<0.05	0.2	3.94	27.1	<0.02	<1	0.2	13.3	<10	<2
1901639	Soil	0.69	8.0	0.5	<0.05	1.4	1.90	22.9	0.03	<1	0.2	11.6	<10	<2
1901640	Soil	0.26	2.0	1.8	<0.05	2.3	7.43	10.7	<0.02	<1	0.2	0.9	<10	<2
1901641	Soil	0.81	8.1	0.7	<0.05	2.1	2.72	27.2	0.03	<1	0.3	11.1	<10	<2
1901642	Soil	0.62	8.5	1.3	<0.05	0.6	3.17	28.5	0.04	<1	0.3	15.2	<10	<2
1901643	Soil	0.65	5.3	0.3	<0.05	2.2	4.27	22.2	<0.02	2	0.2	11.9	<10	<2
1901644	Soil	0.38	11.4	0.6	<0.05	2.3	5.29	48.3	0.04	<1	0.3	25.0	<10	<2
1901645	Soil	0.32	5.1	0.4	<0.05	0.6	3.78	27.2	<0.02	<1	0.2	12.3	<10	<2
1901646	Soil	0.44	8.6	0.5	<0.05	0.4	3.80	29.5	0.10	<1	0.3	11.6	<10	<2
1901647	Soil	0.74	12.3	0.7	<0.05	0.7	2.46	27.3	0.03	<1	0.2	11.8	<10	<2
1901648	Soil	0.29	7.5	0.5	<0.05	0.2	2.27	21.4	<0.02	<1	0.1	8.6	<10	<2
1901649	Soil	0.30	4.8	0.3	<0.05	0.3	4.21	22.2	<0.02	<1	0.2	8.7	<10	<2
1901650	Soil	0.40	5.7	0.4	<0.05	0.3	4.07	21.1	<0.02	<1	0.2	7.6	<10	<2
1901651	Soil	0.39	6.7	0.6	<0.05	0.5	4.93	30.2	0.02	<1	0.3	11.7	<10	<2
1901652	Soil	0.52	6.5	0.5	<0.05	2.2	2.13	22.9	<0.02	<1	0.2	13.2	<10	<2
1901653	Soil	0.34	10.0	0.8	<0.05	2.3	4.42	28.8	0.03	<1	0.3	13.1	<10	<2
1901654	Soil	0.34	3.6	0.3	<0.05	0.5	4.58	30.2	<0.02	<1	0.2	10.8	<10	<2
1901655	Soil	0.32	4.5	0.2	<0.05	0.4	2.86	20.4	<0.02	<1	<0.1	9.8	<10	<2
1901656	Soil	0.40	7.1	0.4	<0.05	0.4	6.00	31.6	0.02	<1	0.3	14.1	<10	<2
1901657	Soil	0.26	6.4	0.4	<0.05	0.1	3.68	27.2	0.02	<1	<0.1	10.5	<10	<2
1901658	Soil	0.34	6.8	0.6	<0.05	0.2	3.68	28.3	<0.02	<1	0.2	9.6	<10	<2
1901659	Soil	0.59	11.7	0.8	<0.05	0.3	7.24	38.2	0.04	<1	0.4	21.3	<10	<2
1901660	Soil	0.46	11.0	1.1	<0.05	0.3	7.24	37.9	0.03	<1	0.4	21.0	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901661	Soil		2.20	51.22	30.62	73.3	388	21.9	8.9	350	2.88	22.3	0.7	1.7	4.9	16.9	0.32	1.93	0.25	52	0.08	0.067
1901662	Soil		1.68	78.06	11.66	74.3	476	32.2	11.7	353	2.87	23.6	0.8	3.8	4.9	31.4	0.37	1.16	0.21	51	0.14	0.083
1901663	Soil		2.71	30.67	14.96	61.7	882	16.7	5.3	287	2.86	15.2	0.9	3.3	5.7	28.6	0.23	1.47	0.27	38	0.06	0.098
1901664	Soil		1.69	14.30	11.96	44.7	393	11.3	4.7	297	1.69	8.5	0.7	5.4	2.3	19.9	0.08	1.54	0.18	25	0.08	0.053
1901665	Soil		2.11	18.01	16.00	51.3	456	14.5	5.8	278	2.38	17.2	0.7	1.7	4.3	16.6	0.13	3.17	0.24	43	0.05	0.043
1901666	Soil		1.84	15.58	103.83	38.3	1409	9.5	2.6	126	1.60	15.7	0.6	1.7	0.8	17.7	0.09	1.45	0.19	27	0.10	0.056
1901667	Soil		2.22	29.28	88.81	103.2	438	29.5	10.3	340	2.55	17.8	1.0	1.4	6.6	23.2	0.43	1.91	0.25	33	0.12	0.068
1901668	Soil		0.62	21.42	10.97	48.3	221	13.4	4.2	108	1.53	5.6	0.7	3.2	2.0	12.7	0.15	0.41	0.20	30	0.20	0.041
1901669	Soil		0.90	21.27	11.63	53.3	175	16.5	5.7	141	1.83	9.1	0.7	1.5	2.3	11.7	0.18	0.50	0.19	33	0.17	0.047
1901670	Soil		1.26	22.16	12.13	55.3	179	15.8	5.1	133	2.18	14.4	0.7	2.3	2.3	12.5	0.23	0.59	0.20	36	0.19	0.054
1901671	Soil		1.26	16.65	10.40	52.8	187	14.6	5.6	156	1.76	9.9	0.6	1.8	1.6	12.6	0.17	0.44	0.19	35	0.19	0.050
1901672	Soil		0.80	22.20	11.19	53.3	62	18.4	7.7	263	2.27	9.9	0.6	2.3	3.4	9.9	0.13	0.53	0.15	41	0.13	0.033
1901673	Soil		1.28	20.49	8.51	63.0	101	17.9	6.9	227	2.13	10.2	0.6	3.4	5.6	11.0	0.15	0.55	0.16	38	0.16	0.054
1901674	Soil		1.65	21.67	8.94	58.2	263	16.8	6.1	202	1.98	9.1	0.6	1.6	1.8	11.4	0.32	0.48	0.17	38	0.17	0.052
1901675	Soil		2.15	30.10	8.40	69.6	264	21.5	9.6	349	2.29	8.4	0.7	3.8	3.6	14.3	0.29	0.56	0.17	40	0.23	0.063
1901676	Soil		3.76	36.14	11.96	76.0	470	26.1	8.4	452	2.67	11.1	0.7	2.0	1.1	12.0	0.43	0.63	0.25	37	0.18	0.073
1901677	Soil		1.00	42.17	8.03	53.8	103	19.6	7.5	229	2.00	10.1	0.6	2.8	4.5	11.7	0.10	0.66	0.15	34	0.16	0.040
1901678	Soil		1.06	17.00	10.96	62.0	41	19.1	8.4	241	2.30	13.9	0.6	4.7	3.1	10.3	0.13	0.76	0.17	35	0.16	0.050
1901679	Soil		1.03	24.52	10.93	66.9	110	19.8	7.6	202	2.12	11.4	0.8	3.7	3.8	13.0	0.19	0.82	0.17	35	0.19	0.055
1901680	Soil		4.06	21.34	0.94	31.7	17	6.9	4.2	591	2.35	1.4	0.4	1.1	2.2	28.8	0.02	0.16	<0.02	22	0.72	0.037
1901681	Soil		1.26	12.66	12.79	61.0	36	15.7	5.4	142	2.27	13.9	0.4	2.6	1.3	10.7	0.14	0.66	0.22	45	0.11	0.045
1901682	Soil		1.19	26.02	10.78	71.8	106	20.4	7.3	283	2.13	11.5	0.9	2.4	4.3	14.1	0.30	0.89	0.16	36	0.15	0.056
1901683	Soil		1.27	23.97	11.88	69.6	30	23.7	8.5	259	2.77	13.4	0.5	2.4	3.4	11.8	0.24	0.99	0.18	56	0.13	0.036
1901684	Soil		1.07	10.96	11.12	41.5	41	11.3	4.2	156	2.13	14.3	0.5	1.6	1.2	9.9	0.13	0.66	0.23	49	0.09	0.032
1901685	Soil		1.15	16.37	9.51	47.3	284	14.0	4.6	141	1.80	10.8	0.9	2.1	0.4	13.8	0.26	0.45	0.19	34	0.15	0.065
1901686	Soil		1.13	25.40	10.39	67.3	177	18.9	7.2	216	2.21	12.8	1.0	1.8	1.5	15.4	0.29	0.60	0.28	36	0.16	0.060
1901687	Soil		1.11	27.48	9.12	70.9	194	19.3	9.2	305	2.22	14.2	1.0	4.1	3.2	13.7	0.27	0.65	0.18	36	0.13	0.055
1901688	Soil		0.92	13.14	10.86	45.0	154	12.9	5.1	126	1.81	10.3	0.7	1.6	1.7	9.1	0.09	0.40	0.18	33	0.09	0.039
1901689	Soil		0.93	9.42	9.56	39.3	129	10.9	3.5	93	1.55	9.5	0.5	1.3	1.5	14.0	0.09	0.32	0.16	27	0.20	0.047
1901690	Soil		0.78	9.87	8.62	29.5	171	9.4	2.5	63	1.23	7.2	0.6	1.2	0.8	13.0	0.13	0.27	0.14	20	0.19	0.048

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901661	Soil		19.3	30.4	0.52	147.7	0.021	<1	1.37	0.004	0.04	0.2	2.4	1.16	<0.02	36	0.5	0.06	5.2	2.22	<0.1	<0.02
1901662	Soil		18.8	35.1	0.62	214.6	0.024	1	1.58	0.004	0.04	0.2	2.3	1.49	<0.02	27	0.3	0.04	4.7	2.73	<0.1	<0.02
1901663	Soil		22.2	23.1	0.36	91.9	0.012	<1	1.22	0.004	0.04	0.3	1.5	1.46	<0.02	47	0.4	0.06	4.5	2.55	<0.1	<0.02
1901664	Soil		19.8	15.6	0.30	63.1	0.012	<1	0.82	0.003	0.03	0.2	1.0	0.93	<0.02	29	0.3	0.04	2.8	1.01	<0.1	<0.02
1901665	Soil		17.7	21.8	0.36	110.3	0.014	1	1.31	0.004	0.04	0.2	1.8	1.59	<0.02	41	0.2	0.04	5.0	1.77	<0.1	<0.02
1901666	Soil		13.1	16.4	0.29	88.1	0.008	<1	0.82	0.004	0.03	0.1	0.9	1.41	0.03	58	0.6	0.05	3.2	1.18	<0.1	<0.02
1901667	Soil		20.5	25.7	0.49	108.7	0.008	<1	1.25	0.003	0.02	0.2	2.0	1.32	<0.02	22	0.4	0.04	3.8	1.44	<0.1	<0.02
1901668	Soil		13.0	18.9	0.32	175.3	0.012	<1	1.21	0.006	0.03	0.2	2.0	0.18	<0.02	46	0.2	0.03	3.9	1.09	<0.1	<0.02
1901669	Soil		13.8	18.2	0.32	202.9	0.012	<1	1.17	0.005	0.03	0.2	2.1	0.16	<0.02	40	0.3	0.03	3.5	0.97	<0.1	<0.02
1901670	Soil		12.5	18.9	0.33	170.9	0.010	<1	1.12	0.005	0.03	0.2	1.9	0.15	<0.02	43	0.4	0.04	3.3	0.87	<0.1	<0.02
1901671	Soil		11.5	18.5	0.33	170.1	0.012	<1	1.11	0.005	0.03	0.2	1.6	0.16	<0.02	40	0.3	0.03	3.5	0.94	<0.1	<0.02
1901672	Soil		12.2	22.0	0.40	180.7	0.016	<1	1.39	0.005	0.03	0.1	2.3	0.10	<0.02	23	0.4	0.02	4.0	0.98	<0.1	<0.02
1901673	Soil		12.3	23.1	0.44	155.0	0.022	2	1.22	0.005	0.03	0.2	2.4	0.11	<0.02	19	0.3	<0.02	3.7	0.94	<0.1	<0.02
1901674	Soil		11.3	21.5	0.38	165.3	0.016	1	1.09	0.005	0.04	0.2	1.8	0.13	<0.02	32	0.4	0.03	3.9	1.03	<0.1	<0.02
1901675	Soil		15.9	25.4	0.50	229.7	0.016	3	1.31	0.006	0.04	0.2	2.9	0.20	<0.02	26	0.5	0.02	4.0	1.63	<0.1	<0.02
1901676	Soil		16.8	23.7	0.29	178.4	0.011	<1	1.08	0.007	0.05	0.2	1.4	0.38	0.03	32	0.8	0.04	3.8	2.64	<0.1	<0.02
1901677	Soil		14.2	22.8	0.40	188.0	0.029	1	1.07	0.006	0.04	0.2	2.9	0.11	<0.02	25	0.6	<0.02	3.1	0.88	<0.1	<0.02
1901678	Soil		12.7	21.4	0.36	141.2	0.018	1	1.26	0.004	0.03	0.3	1.9	0.12	<0.02	17	0.4	0.03	3.6	0.80	<0.1	<0.02
1901679	Soil		15.8	21.8	0.39	202.0	0.021	<1	1.21	0.006	0.04	0.2	2.8	0.12	<0.02	34	0.3	0.03	3.6	0.76	<0.1	<0.02
1901680	Soil		5.1	15.2	0.51	58.9	0.067	2	1.06	0.095	0.10	0.2	3.1	<0.02	0.05	<5	<0.1	<0.02	4.1	0.13	<0.1	0.11
1901681	Soil		13.4	21.5	0.34	160.3	0.016	<1	1.25	0.005	0.04	0.3	1.6	0.16	<0.02	30	0.3	0.03	4.4	0.92	<0.1	<0.02
1901682	Soil		16.6	23.0	0.38	202.7	0.025	1	1.12	0.005	0.04	0.2	2.9	0.18	<0.02	42	0.3	0.03	3.4	0.77	<0.1	0.03
1901683	Soil		12.8	28.3	0.49	135.1	0.039	1	1.59	0.007	0.04	0.3	2.7	0.11	<0.02	25	0.4	0.03	4.9	0.93	<0.1	<0.02
1901684	Soil		12.8	20.3	0.26	154.2	0.023	<1	1.07	0.004	0.04	0.2	1.4	0.17	<0.02	50	0.3	0.03	5.0	0.90	<0.1	<0.02
1901685	Soil		12.0	19.3	0.29	213.7	0.011	1	1.04	0.007	0.04	0.3	1.2	0.20	0.03	46	0.4	0.02	3.6	0.92	<0.1	<0.02
1901686	Soil		15.4	23.2	0.44	188.0	0.017	<1	1.27	0.006	0.05	0.2	2.0	0.25	<0.02	52	0.4	0.04	4.0	1.01	<0.1	<0.02
1901687	Soil		16.5	20.6	0.45	121.7	0.016	<1	1.21	0.004	0.04	0.3	2.0	0.28	<0.02	27	0.3	0.03	3.6	0.81	<0.1	<0.02
1901688	Soil		11.2	18.5	0.30	98.8	0.014	<1	1.02	0.004	0.04	0.2	1.6	0.15	0.02	40	0.4	0.03	3.5	1.16	<0.1	<0.02
1901689	Soil		11.4	15.8	0.29	97.9	0.013	<1	0.85	0.005	0.03	0.4	1.3	0.11	0.02	29	0.4	<0.02	3.2	0.77	<0.1	<0.02
1901690	Soil		9.7	15.0	0.24	125.2	0.009	<1	0.82	0.005	0.03	0.1	1.2	0.14	0.04	50	0.5	<0.02	3.3	0.87	<0.1	<0.02

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901661	Soil		0.53	10.1	0.5	<0.05	0.9	4.51	38.9	0.03	<1	0.4	23.0	<10	<2
1901662	Soil		0.39	8.3	0.4	<0.05	0.5	5.22	36.3	0.03	<1	0.3	27.3	<10	<2
1901663	Soil		0.38	9.2	0.5	<0.05	0.5	4.66	45.1	0.03	<1	0.3	17.6	<10	<2
1901664	Soil		0.19	5.2	0.3	<0.05	0.2	4.03	39.4	<0.02	<1	0.1	11.5	<10	<2
1901665	Soil		0.53	10.0	0.5	<0.05	0.6	3.29	34.9	0.02	<1	0.2	14.5	<10	<2
1901666	Soil		0.21	5.2	0.8	<0.05	0.2	2.95	25.7	<0.02	<1	<0.1	10.7	<10	<2
1901667	Soil		0.18	4.1	0.4	<0.05	0.8	6.42	39.5	<0.02	<1	0.2	21.0	<10	<2
1901668	Soil		0.43	7.4	0.4	<0.05	0.2	3.86	26.5	<0.02	<1	0.3	12.3	<10	<2
1901669	Soil		0.36	7.5	0.3	<0.05	0.2	5.12	28.2	<0.02	<1	0.3	12.0	<10	<2
1901670	Soil		0.43	6.4	0.3	<0.05	0.3	4.16	26.8	<0.02	<1	0.3	11.6	<10	<2
1901671	Soil		0.38	7.3	0.3	<0.05	0.3	3.56	23.7	<0.02	<1	0.2	12.2	<10	<2
1901672	Soil		0.34	7.0	0.5	<0.05	0.5	4.12	25.9	0.02	<1	0.4	14.9	<10	<2
1901673	Soil		0.46	6.4	0.5	<0.05	0.4	3.89	24.7	0.03	<1	0.3	14.1	<10	<2
1901674	Soil		0.42	7.4	0.4	<0.05	0.2	3.60	22.6	<0.02	<1	0.2	11.4	<10	<2
1901675	Soil		0.44	8.8	0.4	<0.05	0.4	6.46	31.4	0.02	<1	0.4	18.2	<10	<2
1901676	Soil		0.35	11.2	0.5	<0.05	0.5	5.52	33.0	0.02	<1	0.4	10.3	<10	<2
1901677	Soil		0.41	5.5	0.3	<0.05	1.1	4.86	27.6	<0.02	<1	0.3	13.5	<10	<2
1901678	Soil		0.37	6.8	0.4	<0.05	0.3	3.40	25.4	<0.02	<1	0.4	17.9	<10	<2
1901679	Soil		0.33	6.5	0.4	<0.05	0.5	5.61	32.4	<0.02	<1	0.3	16.0	<10	<2
1901680	Soil		0.31	2.2	1.7	<0.05	2.8	7.42	10.7	<0.02	<1	0.2	1.0	<10	<2
1901681	Soil		0.33	6.7	0.4	<0.05	0.8	3.01	26.6	0.02	<1	0.2	12.8	<10	<2
1901682	Soil		0.35	6.1	0.4	<0.05	0.8	7.54	33.4	0.02	<1	0.3	13.9	<10	<2
1901683	Soil		0.73	7.6	0.5	<0.05	0.6	3.76	25.5	0.02	<1	0.4	18.4	<10	<2
1901684	Soil		0.61	6.2	0.6	<0.05	0.2	3.06	25.8	0.02	<1	0.2	8.5	<10	<2
1901685	Soil		0.33	6.3	0.4	<0.05	0.2	4.13	24.0	<0.02	<1	0.1	10.0	<10	<2
1901686	Soil		0.43	8.5	0.4	<0.05	0.2	4.72	31.4	0.03	<1	0.3	15.4	<10	<2
1901687	Soil		0.35	7.1	0.3	<0.05	0.2	4.20	34.1	0.03	<1	0.3	15.8	<10	<2
1901688	Soil		0.58	8.8	0.4	<0.05	0.5	2.49	22.8	<0.02	<1	0.1	11.1	<10	<2
1901689	Soil		0.43	6.6	0.3	<0.05	0.1	2.67	23.0	<0.02	<1	0.1	10.9	<10	<2
1901690	Soil		0.43	6.2	0.4	<0.05	0.2	2.32	19.4	<0.02	<1	0.1	8.5	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901691	Soil		1.06	14.10	14.05	62.5	164	17.6	8.9	290	2.20	13.3	0.7	1.5	3.1	14.3	0.24	0.48	0.21	31	0.20	0.058
1901692	Soil		0.88	12.34	11.94	64.6	206	17.7	7.4	246	1.83	12.0	0.7	1.4	2.3	17.8	0.28	0.39	0.20	34	0.27	0.047
1901693	Soil		1.14	13.96	11.21	66.9	286	19.0	6.9	217	2.00	10.5	1.0	6.3	4.1	20.3	0.19	0.78	0.17	26	0.31	0.065
1901694	Soil		1.40	19.76	14.60	71.9	278	21.3	9.7	479	2.22	13.1	2.4	2.6	2.6	33.6	0.18	0.78	0.22	33	0.54	0.087
1901695	Soil		2.06	27.37	12.77	92.6	518	25.4	7.6	334	2.20	13.7	4.2	3.1	3.6	34.5	0.49	1.50	0.20	27	0.59	0.089
1901696	Soil		1.87	24.21	12.42	105.4	473	24.9	7.5	409	1.93	13.8	5.1	3.5	2.0	58.8	1.16	1.29	0.19	26	1.07	0.103
1901697	Soil		1.58	21.35	11.08	93.7	413	21.7	7.4	423	1.83	12.4	3.4	2.8	2.4	39.1	0.99	0.95	0.17	23	0.63	0.083
1901698	Soil		3.57	28.57	16.16	78.6	740	21.8	5.5	245	2.90	19.7	1.2	2.8	4.8	20.8	0.27	0.87	0.33	30	0.15	0.088
1901699	Soil		2.57	25.48	16.11	71.2	465	15.6	5.3	272	2.16	14.5	1.5	1.5	2.0	29.5	0.50	2.00	0.38	30	0.09	0.087
1901700	Soil		2.52	23.79	14.85	92.6	408	19.2	9.0	539	2.49	15.1	1.4	1.4	4.7	29.9	0.52	1.99	0.35	31	0.13	0.094
1901701	Soil		3.04	18.84	16.75	79.8	674	20.2	8.4	389	2.71	20.4	1.0	2.8	5.5	24.5	0.23	1.34	0.40	30	0.15	0.096
1901702	Soil		1.46	20.64	10.94	92.3	397	20.9	6.9	351	1.71	10.9	4.1	2.6	2.4	45.1	0.81	0.94	0.17	21	0.67	0.084
1901703	Soil		3.00	17.46	16.70	82.1	456	18.0	13.2	594	2.26	13.2	1.5	1.7	2.5	21.2	0.34	0.69	0.36	34	0.18	0.070
1901704	Soil		2.38	25.77	12.36	106.3	534	26.4	12.5	901	2.20	13.9	5.3	7.4	2.7	62.5	1.15	0.98	0.22	28	0.92	0.096
1901705	Soil		1.21	27.05	10.66	85.7	504	20.7	5.7	227	1.71	7.7	3.9	2.4	3.1	49.1	0.51	0.85	0.18	19	0.77	0.076
1901706	Soil		1.15	19.24	9.18	60.8	321	16.9	6.5	509	1.44	7.4	5.0	2.0	1.9	66.8	0.60	0.69	0.16	20	1.16	0.066
1901707	Soil		1.47	20.94	12.29	81.2	315	19.0	6.9	404	1.82	10.9	2.7	1.8	2.6	42.8	0.66	0.74	0.17	23	0.76	0.068
1901708	Soil		2.11	24.96	10.58	69.4	398	18.9	9.3	855	1.86	8.3	5.3	2.3	2.1	45.8	0.33	0.80	0.20	27	0.65	0.076
1901709	Soil		1.59	11.15	7.54	46.8	333	12.0	4.4	205	1.53	9.6	1.1	4.1	4.5	17.1	0.14	0.48	0.22	29	0.19	0.052
1901710	Soil		2.00	10.97	9.17	55.8	265	13.1	5.9	177	1.57	7.5	1.0	2.6	2.8	17.0	0.26	0.46	0.20	28	0.18	0.055
1901711	Soil		1.92	33.83	15.43	91.9	217	21.4	7.9	262	2.09	11.2	0.6	2.7	4.8	19.1	0.48	0.71	0.23	36	0.46	0.091
1901712	Soil		2.50	24.33	56.82	168.9	529	29.6	11.0	769	2.31	8.8	1.8	6.7	4.0	31.7	1.73	0.56	0.22	39	0.80	0.083
1901713	Soil		4.59	81.10	27.50	156.7	1082	43.9	25.9	2030	3.50	21.8	1.9	3.2	3.1	42.6	2.14	0.64	0.26	57	0.96	0.105
1901714	Soil		2.07	61.39	14.39	106.9	286	30.0	12.1	509	2.68	15.4	1.0	2.4	4.8	15.3	0.48	0.57	0.20	46	0.24	0.065
1901715	Soil		2.10	38.26	12.30	98.0	325	27.4	11.1	235	2.25	9.9	1.1	3.7	3.4	22.0	0.37	0.67	0.20	42	0.39	0.051
1901716	Soil		0.99	26.73	8.76	56.0	236	17.9	5.9	178	2.10	10.9	0.5	19.6	1.7	9.6	0.20	0.56	0.16	45	0.11	0.032
1901717	Soil		1.31	23.11	10.54	76.8	215	18.6	7.9	261	2.27	11.5	0.7	0.8	2.2	12.9	0.27	0.71	0.19	46	0.15	0.048
1901718	Soil		1.26	20.87	10.59	70.8	161	15.9	6.3	231	1.90	10.5	0.7	2.5	2.3	12.0	0.29	0.63	0.17	35	0.16	0.055
1901719	Soil		0.66	15.24	10.95	54.1	218	11.3	3.6	102	1.26	6.6	0.6	10.8	2.1	9.8	0.15	0.41	0.15	26	0.13	0.048
1901720	Soil		3.91	20.90	0.92	31.7	17	6.8	4.1	579	2.29	1.3	0.4	0.3	2.1	30.2	0.01	0.17	<0.02	22	0.75	0.037

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901691	Soil		12.7	20.6	0.39	164.3	0.013	<1	1.13	0.005	0.04	0.2	2.1	0.16	0.02	39	0.4	<0.02	3.6	0.92	<0.1	<0.02
1901692	Soil		13.1	20.4	0.38	220.3	0.013	1	1.20	0.006	0.04	0.2	2.1	0.19	0.02	54	0.3	<0.02	4.1	1.12	<0.1	<0.02
1901693	Soil		15.7	18.3	0.38	143.0	0.013	<1	1.07	0.005	0.04	0.2	1.9	0.10	<0.02	28	0.3	0.03	3.3	1.12	<0.1	<0.02
1901694	Soil		14.2	21.3	0.42	330.9	0.010	1	1.38	0.007	0.05	0.2	2.3	0.14	0.05	37	0.6	0.03	4.1	1.71	<0.1	0.03
1901695	Soil		16.4	19.7	0.37	211.9	0.009	<1	1.17	0.006	0.04	0.1	2.3	0.13	0.04	48	1.3	0.03	3.4	1.78	<0.1	0.02
1901696	Soil		13.3	18.8	0.35	275.0	0.009	1	1.14	0.008	0.04	0.2	1.7	0.13	0.10	49	2.2	0.03	3.1	2.80	<0.1	0.03
1901697	Soil		14.5	17.2	0.34	245.6	0.008	<1	1.08	0.005	0.04	0.2	1.8	0.13	0.05	40	1.1	0.02	2.9	2.17	<0.1	<0.02
1901698	Soil		24.2	24.1	0.47	197.2	0.007	<1	1.36	0.006	0.04	0.1	1.8	0.15	0.03	42	1.2	0.06	4.1	1.70	<0.1	0.02
1901699	Soil		23.1	21.5	0.39	158.4	0.009	<1	1.11	0.006	0.05	0.2	1.4	1.46	0.03	58	0.6	0.05	4.0	1.81	<0.1	<0.02
1901700	Soil		23.7	22.2	0.48	160.4	0.013	<1	1.21	0.005	0.05	0.2	1.9	1.40	0.02	62	0.5	0.04	4.0	1.54	<0.1	<0.02
1901701	Soil		21.4	23.0	0.52	166.8	0.012	<1	1.28	0.004	0.05	0.2	1.8	1.22	<0.02	121	0.8	0.06	3.8	1.34	<0.1	0.05
1901702	Soil		14.9	16.6	0.34	236.1	0.008	<1	1.03	0.005	0.04	0.2	1.8	0.19	0.06	51	1.6	0.02	2.8	2.06	<0.1	0.04
1901703	Soil		16.5	19.8	0.41	277.6	0.008	<1	1.24	0.005	0.04	0.2	1.9	0.40	0.03	65	0.9	0.04	3.9	2.10	<0.1	<0.02
1901704	Soil		16.1	18.9	0.36	353.9	0.007	<1	1.21	0.006	0.04	0.2	2.2	0.30	0.07	77	1.9	0.04	3.0	1.98	<0.1	0.03
1901705	Soil		13.1	17.4	0.37	209.9	0.009	<1	0.98	0.006	0.03	0.2	1.7	0.20	0.07	47	1.8	0.03	2.6	1.86	<0.1	0.03
1901706	Soil		11.4	14.7	0.31	237.2	0.009	<1	0.86	0.006	0.03	0.1	1.6	0.20	0.08	49	1.9	0.02	2.4	1.19	<0.1	0.04
1901707	Soil		12.3	15.7	0.33	193.2	0.009	<1	0.95	0.006	0.04	0.1	1.7	0.16	0.06	49	1.3	0.02	2.8	1.25	<0.1	<0.02
1901708	Soil		16.4	17.9	0.34	321.3	0.010	1	1.10	0.007	0.04	0.2	2.3	0.24	0.06	75	1.7	0.03	3.1	1.32	<0.1	<0.02
1901709	Soil		11.2	16.9	0.29	186.0	0.010	2	0.99	0.004	0.03	0.3	1.9	0.23	0.03	49	0.5	0.04	3.5	1.01	<0.1	<0.02
1901710	Soil		12.7	16.4	0.32	149.1	0.011	2	1.04	0.004	0.03	0.2	1.8	0.28	0.03	63	0.7	<0.02	3.5	1.12	<0.1	<0.02
1901711	Soil		15.6	25.0	0.57	118.5	0.023	2	1.17	0.007	0.06	0.2	3.2	0.19	<0.02	26	1.1	0.03	3.3	1.76	<0.1	0.04
1901712	Soil		17.1	27.0	0.58	181.8	0.015	2	1.30	0.006	0.04	0.2	2.9	0.20	0.04	29	2.0	0.05	3.7	2.22	<0.1	0.05
1901713	Soil		22.4	30.5	0.52	426.5	0.015	2	1.75	0.008	0.05	0.2	5.8	0.41	0.05	64	1.7	0.05	4.6	3.16	<0.1	0.04
1901714	Soil		16.1	28.2	0.57	212.1	0.024	1	1.61	0.006	0.05	0.2	3.5	0.17	<0.02	22	0.4	0.03	4.4	2.23	<0.1	0.02
1901715	Soil		17.1	24.4	0.49	238.4	0.017	2	1.48	0.007	0.04	0.2	3.5	0.24	0.02	36	0.8	0.03	4.0	1.89	<0.1	<0.02
1901716	Soil		11.7	24.5	0.42	143.3	0.026	1	1.36	0.005	0.03	0.2	2.6	0.12	<0.02	22	0.3	<0.02	4.4	1.13	<0.1	<0.02
1901717	Soil		13.9	24.0	0.41	194.8	0.021	1	1.44	0.006	0.04	0.2	2.8	0.19	<0.02	28	0.4	0.03	4.6	1.32	<0.1	0.03
1901718	Soil		15.6	19.7	0.34	170.8	0.019	1	1.16	0.005	0.04	0.3	2.0	0.17	<0.02	39	0.4	0.02	3.5	1.07	<0.1	<0.02
1901719	Soil		15.3	15.0	0.26	100.5	0.016	<1	0.92	0.004	0.03	0.4	1.6	0.22	<0.02	41	0.2	<0.02	2.7	0.78	<0.1	<0.02
1901720	Soil		5.5	14.4	0.48	55.6	0.075	3	1.03	0.066	0.07	0.3	3.1	<0.02	0.05	<5	<0.1	<0.02	4.1	0.13	<0.1	0.13

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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901691	Soil	0.51	8.1	0.3	<0.05	0.3	3.94	26.1	<0.02	<1	0.2	14.8	<10	<2
1901692	Soil	0.52	9.2	0.4	<0.05	0.2	3.78	26.3	<0.02	<1	0.2	16.1	<10	<2
1901693	Soil	0.30	6.2	0.3	<0.05	0.4	3.97	31.7	<0.02	<1	0.2	17.6	<10	<2
1901694	Soil	0.49	8.4	0.6	<0.05	0.7	6.30	27.6	0.02	<1	0.4	19.9	<10	<2
1901695	Soil	0.35	6.7	0.3	<0.05	1.0	7.00	32.1	<0.02	2	0.4	21.2	<10	<2
1901696	Soil	0.49	7.1	0.3	<0.05	0.9	6.79	25.9	<0.02	3	0.3	21.2	<10	<2
1901697	Soil	0.32	7.7	0.2	<0.05	0.7	6.30	27.8	<0.02	1	0.3	20.4	<10	<2
1901698	Soil	0.30	8.0	0.5	<0.05	0.7	5.07	46.5	0.03	<1	0.5	22.2	<10	<2
1901699	Soil	0.34	11.7	0.5	<0.05	0.2	4.66	47.0	0.10	<1	0.3	18.7	<10	<2
1901700	Soil	0.30	10.3	0.5	<0.05	0.5	5.13	49.3	0.09	<1	0.3	21.9	<10	<2
1901701	Soil	0.33	8.0	0.4	<0.05	2.5	4.52	43.0	0.09	<1	0.3	21.9	<10	<2
1901702	Soil	0.35	8.2	0.3	<0.05	1.5	6.74	28.7	0.03	1	0.3	20.7	<10	<2
1901703	Soil	0.33	8.4	0.3	<0.05	0.4	4.85	33.6	0.03	<1	0.2	21.1	<10	<2
1901704	Soil	0.46	7.8	0.3	<0.05	1.4	9.31	32.8	0.03	<1	0.3	20.5	<10	<2
1901705	Soil	0.36	5.6	0.2	<0.05	1.3	6.78	25.5	0.03	3	0.2	18.5	<10	<2
1901706	Soil	0.41	5.6	0.2	<0.05	1.4	5.76	22.7	<0.02	2	0.2	13.0	<10	<2
1901707	Soil	0.41	7.5	0.2	<0.05	0.8	5.34	24.4	0.02	2	0.3	15.9	<10	<2
1901708	Soil	0.46	7.6	0.3	<0.05	0.8	8.61	33.0	0.02	2	0.4	14.8	<10	<2
1901709	Soil	0.47	6.3	0.5	<0.05	0.4	3.29	22.7	<0.02	<1	0.2	12.8	<10	<2
1901710	Soil	0.48	7.5	0.5	<0.05	0.3	3.39	25.8	<0.02	<1	0.2	15.0	<10	<2
1901711	Soil	0.40	7.5	0.4	<0.05	2.4	7.14	32.6	0.03	2	0.2	17.0	<10	<2
1901712	Soil	0.48	11.1	0.6	<0.05	1.9	8.89	35.8	0.04	1	0.4	26.8	<10	<2
1901713	Soil	0.49	11.7	0.5	<0.05	1.2	18.25	53.4	0.04	<1	0.8	24.8	<10	<2
1901714	Soil	0.44	10.5	0.5	<0.05	1.0	7.25	33.8	0.03	<1	0.5	22.9	<10	<2
1901715	Soil	0.52	9.0	0.4	<0.05	0.6	9.11	35.0	0.03	<1	0.3	19.9	<10	<2
1901716	Soil	0.42	7.0	0.5	<0.05	0.1	3.38	24.4	0.02	<1	0.3	14.6	<10	<2
1901717	Soil	0.47	9.6	0.5	<0.05	1.8	4.66	28.3	0.02	<1	0.3	15.0	<10	<2
1901718	Soil	0.35	8.4	0.5	<0.05	0.5	5.35	31.7	0.02	<1	0.3	14.3	<10	<2
1901719	Soil	0.30	6.0	0.3	<0.05	0.4	3.74	31.2	0.03	<1	0.2	11.2	<10	<2
1901720	Soil	0.48	2.1	1.9	<0.05	3.0	7.90	11.4	<0.02	<1	0.2	1.0	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901721	Soil		0.94	14.58	8.86	57.0	185	12.1	4.0	152	1.41	6.9	0.6	4.3	2.2	10.6	0.26	0.44	0.13	23	0.13	0.045
1901722	Soil		1.10	19.27	13.53	69.9	430	14.4	5.7	226	1.78	10.1	0.8	4.9	1.2	11.9	0.34	0.56	0.19	33	0.13	0.051
1901723	Soil		1.63	15.62	13.80	65.3	171	13.3	6.9	424	2.05	11.9	0.7	4.8	0.6	14.4	0.30	0.70	0.26	39	0.12	0.055
1901724	Soil		1.18	16.85	13.61	62.3	344	13.5	5.0	212	1.86	12.2	0.7	7.5	0.8	11.2	0.32	0.45	0.21	35	0.13	0.055
1901725	Soil		0.94	14.58	26.67	54.2	380	12.4	3.3	106	1.73	10.6	0.7	9.5	1.1	11.0	0.36	0.44	0.25	28	0.11	0.056
1901726	Soil		0.47	11.30	7.83	30.4	194	9.0	2.3	68	1.28	7.9	0.6	0.6	0.6	9.0	0.15	0.30	0.16	21	0.09	0.040
1901727	Soil		0.35	15.42	8.62	30.3	166	9.8	2.4	67	1.05	5.6	0.6	2.4	0.5	8.9	0.22	0.28	0.15	20	0.08	0.033
1901728	Soil		1.54	34.58	10.71	72.6	133	26.2	10.7	324	2.45	10.4	0.6	2.9	5.2	13.9	0.19	0.74	0.18	43	0.26	0.056
1901729	Soil		1.51	58.37	15.08	105.4	327	28.7	12.4	383	2.79	13.7	0.7	2.3	4.7	16.7	0.52	0.59	0.20	59	0.33	0.057
1901730	Soil		1.42	43.02	29.47	84.1	341	21.9	10.8	281	3.23	11.7	0.5	4.3	2.8	11.6	0.39	0.36	0.16	117	0.25	0.030
1901731	Soil		1.13	16.90	12.13	62.5	239	20.0	6.7	173	2.10	11.0	0.5	3.8	3.9	9.4	0.33	0.60	0.16	34	0.11	0.031
1901732	Soil		1.89	28.60	12.49	88.8	161	25.1	7.8	249	2.33	8.6	1.0	1.9	4.9	14.1	0.28	0.60	0.35	39	0.24	0.044
1901733	Soil		1.78	13.76	9.33	65.6	398	14.4	4.9	169	2.47	10.0	0.4	0.7	4.1	5.4	0.32	0.63	0.27	45	0.04	0.034
1901734	Soil		7.62	55.08	8.66	319.7	880	36.2	12.4	1127	3.43	3.8	2.5	1.6	7.4	26.2	1.29	0.55	3.71	28	0.63	0.124
1901735	Soil		1.18	19.16	18.96	121.4	313	19.7	8.0	305	1.75	6.0	1.0	1.0	3.8	21.6	0.51	0.54	0.19	34	0.33	0.073
1901736	Soil		2.07	26.12	26.93	159.2	172	23.3	9.7	659	2.45	12.3	1.0	7.0	4.7	16.7	1.25	0.63	0.22	39	0.23	0.063
1901737	Soil		2.05	22.43	17.53	150.3	256	21.0	6.9	321	1.95	7.1	0.9	2.0	4.0	15.3	1.28	0.42	0.21	34	0.24	0.066
1901738	Soil		3.64	35.77	24.41	155.6	374	20.9	10.4	543	2.43	9.6	1.0	3.4	5.2	18.5	1.12	0.47	0.24	38	0.33	0.090
1901739	Soil		0.96	11.49	23.98	82.1	340	14.0	10.3	996	1.71	8.4	0.7	2.1	3.2	17.6	0.66	0.42	0.19	29	0.25	0.047
1901740	Soil		1.10	13.34	27.09	88.9	355	14.9	11.3	1230	1.83	9.2	0.8	1.3	3.4	18.1	0.71	0.49	0.20	30	0.26	0.049
1901741	Soil		1.02	15.03	21.11	71.8	344	16.7	7.8	205	2.02	10.4	0.8	1.8	3.3	18.8	0.17	0.56	0.23	35	0.24	0.047
1901742	Soil		0.82	13.61	14.14	68.8	322	16.4	10.0	507	1.96	9.7	0.8	2.2	2.1	20.3	0.30	0.49	0.19	33	0.33	0.062
1901743	Soil		0.53	7.85	8.87	46.6	209	12.2	6.6	225	1.33	5.2	0.5	1.0	2.9	14.3	0.18	0.28	0.12	25	0.22	0.047
1901744	Soil		0.40	13.19	14.41	54.9	217	14.6	5.8	213	1.36	4.5	0.7	4.5	2.7	18.9	0.24	0.34	0.16	26	0.32	0.045
1901745	Soil		1.31	14.46	17.06	56.9	296	16.7	7.6	342	2.36	15.1	0.8	3.2	2.9	21.0	0.21	0.57	0.22	39	0.35	0.064
1901746	Soil		0.61	11.16	8.98	48.0	229	13.2	5.1	261	1.36	6.1	0.6	6.9	1.6	19.5	0.33	0.37	0.16	24	0.39	0.047
1901747	Soil		1.04	14.65	13.07	60.8	271	16.6	7.1	289	2.01	10.5	0.8	3.1	2.4	20.1	0.21	0.54	0.20	32	0.37	0.056
1901748	Soil		0.80	12.51	9.64	54.7	217	15.5	5.8	235	1.76	7.9	0.7	2.8	2.1	19.4	0.24	0.44	0.16	32	0.38	0.053
1901749	Soil		1.05	14.56	11.06	66.8	275	17.6	7.1	238	2.07	10.8	0.8	1.8	2.3	18.4	0.29	0.54	0.19	36	0.29	0.059
1901750	Soil		0.87	13.11	10.96	74.5	267	18.4	8.4	321	1.89	8.9	0.8	2.3	2.1	16.5	0.20	0.47	0.20	35	0.22	0.051

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901721	Soil		13.9	13.4	0.25	104.4	0.016	<1	0.79	0.004	0.03	0.3	1.5	0.22	<0.02	30	0.2	<0.02	2.2	0.76	<0.1	0.03
1901722	Soil		16.6	19.1	0.29	127.4	0.017	<1	1.10	0.004	0.04	0.4	1.7	0.23	<0.02	41	0.4	0.02	3.4	0.98	<0.1	<0.02
1901723	Soil		18.2	20.7	0.28	140.1	0.014	<1	1.06	0.006	0.04	0.3	0.9	0.60	0.03	30	0.5	0.04	4.0	1.12	<0.1	<0.02
1901724	Soil		14.3	17.6	0.29	135.9	0.014	1	1.01	0.005	0.03	0.3	1.4	0.21	<0.02	48	0.4	0.03	3.4	0.96	<0.1	<0.02
1901725	Soil		13.7	15.9	0.26	127.2	0.012	<1	0.95	0.004	0.03	0.3	1.3	0.38	0.02	56	0.5	0.02	3.3	1.01	<0.1	<0.02
1901726	Soil		11.9	14.2	0.22	88.1	0.012	<1	0.86	0.005	0.03	0.3	1.1	0.18	0.03	53	0.5	<0.02	3.2	0.86	<0.1	<0.02
1901727	Soil		12.9	14.1	0.20	125.2	0.011	<1	0.84	0.005	0.03	0.3	1.0	0.16	0.02	44	0.3	0.02	3.2	0.90	<0.1	<0.02
1901728	Soil		16.6	26.6	0.53	222.8	0.027	1	1.51	0.007	0.04	0.2	3.2	0.15	<0.02	22	0.3	0.03	3.9	1.48	<0.1	0.02
1901729	Soil		16.3	31.4	0.62	266.9	0.024	1	1.77	0.008	0.04	0.2	4.7	0.23	<0.02	43	0.6	0.03	5.1	2.68	<0.1	0.03
1901730	Soil		11.0	22.8	0.82	191.9	0.030	<1	2.15	0.005	0.04	0.2	7.1	0.16	<0.02	18	0.5	0.03	8.1	1.44	<0.1	<0.02
1901731	Soil		14.3	21.9	0.38	137.3	0.024	<1	1.36	0.005	0.03	0.2	2.0	0.11	<0.02	13	0.4	0.02	3.8	1.08	<0.1	<0.02
1901732	Soil		20.4	25.9	0.54	226.2	0.024	<1	1.44	0.006	0.04	0.1	3.3	0.15	<0.02	34	0.8	0.04	3.7	1.43	<0.1	0.03
1901733	Soil		17.2	21.8	0.32	79.2	0.015	<1	1.32	0.003	0.03	0.2	1.7	0.17	<0.02	12	0.4	0.05	4.8	1.50	<0.1	<0.02
1901734	Soil		24.8	23.4	0.87	255.1	0.022	<1	1.50	0.007	0.06	0.1	2.7	0.25	0.05	28	1.4	0.08	3.5	3.67	<0.1	0.03
1901735	Soil		15.3	23.2	0.41	230.4	0.020	1	1.32	0.006	0.05	0.3	3.0	0.21	<0.02	46	0.5	0.02	4.0	1.31	<0.1	<0.02
1901736	Soil		17.0	26.2	0.43	180.6	0.017	<1	1.35	0.005	0.05	0.3	2.5	0.26	<0.02	32	0.4	0.03	4.1	1.56	<0.1	<0.02
1901737	Soil		16.9	24.4	0.45	153.3	0.014	<1	1.27	0.005	0.05	0.2	2.5	0.50	<0.02	34	0.3	<0.02	3.8	2.52	<0.1	<0.02
1901738	Soil		19.0	26.7	0.62	168.1	0.016	<1	1.49	0.007	0.06	0.2	2.8	0.75	0.02	46	0.5	0.03	4.7	3.14	<0.1	<0.02
1901739	Soil		14.3	17.2	0.30	247.2	0.011	1	1.09	0.006	0.04	0.3	2.2	0.26	0.03	53	0.5	0.02	3.4	1.31	<0.1	<0.02
1901740	Soil		14.1	18.1	0.32	259.9	0.011	<1	1.18	0.006	0.04	0.3	2.4	0.28	0.03	44	0.5	<0.02	3.5	1.37	<0.1	<0.02
1901741	Soil		14.3	21.8	0.35	232.5	0.012	<1	1.36	0.005	0.04	0.2	2.2	0.33	<0.02	69	0.5	0.03	4.3	1.46	<0.1	0.02
1901742	Soil		13.4	20.7	0.34	260.0	0.012	1	1.29	0.007	0.04	0.2	2.4	0.17	0.04	51	0.6	0.02	3.8	1.13	<0.1	<0.02
1901743	Soil		14.8	16.2	0.28	167.8	0.013	1	1.03	0.005	0.03	0.3	1.8	0.12	0.02	44	0.3	<0.02	3.2	0.89	<0.1	<0.02
1901744	Soil		13.8	18.6	0.33	260.9	0.012	1	1.20	0.005	0.04	0.2	2.2	0.14	0.04	33	0.4	<0.02	3.6	1.02	<0.1	<0.02
1901745	Soil		15.3	18.6	0.32	256.1	0.011	1	1.14	0.006	0.03	0.3	2.2	0.15	0.04	76	0.7	0.04	3.4	1.03	<0.1	<0.02
1901746	Soil		11.5	16.6	0.28	240.0	0.010	2	0.98	0.008	0.03	0.2	1.7	0.13	0.03	55	0.4	0.02	3.2	1.03	<0.1	<0.02
1901747	Soil		13.5	19.7	0.36	249.3	0.011	2	1.20	0.006	0.04	0.3	2.1	0.16	0.03	42	0.6	0.03	3.6	1.14	<0.1	<0.02
1901748	Soil		13.2	18.7	0.33	260.5	0.012	1	1.15	0.007	0.04	0.2	2.0	0.14	0.04	45	0.6	0.02	3.6	0.98	<0.1	<0.02
1901749	Soil		13.5	21.9	0.36	242.3	0.012	2	1.29	0.006	0.04	0.2	2.2	0.15	0.03	50	0.7	0.03	3.9	1.09	<0.1	<0.02
1901750	Soil		14.3	21.0	0.34	274.7	0.012	2	1.29	0.006	0.04	0.2	2.2	0.20	0.03	48	0.7	<0.02	4.0	1.16	<0.1	<0.02

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901721	Soil	0.30	4.9	0.3	<0.05	1.0	3.82	27.8	0.02	<1	0.2	8.8	<10	<2
1901722	Soil	0.36	7.7	0.5	<0.05	0.4	4.15	33.4	0.03	<1	0.2	12.5	<10	<2
1901723	Soil	0.28	9.5	0.8	<0.05	0.4	4.19	36.2	0.03	<1	0.2	10.1	<10	<2
1901724	Soil	0.35	7.6	0.4	<0.05	0.2	3.73	29.3	0.03	<1	0.2	11.6	<10	<2
1901725	Soil	0.46	9.0	0.5	<0.05	0.2	3.40	27.8	0.04	<1	0.2	10.1	<10	<2
1901726	Soil	0.42	6.6	0.3	<0.05	0.2	2.37	24.0	<0.02	<1	0.1	8.1	<10	<2
1901727	Soil	0.33	5.9	0.4	<0.05	0.1	2.59	25.9	<0.02	<1	0.1	8.2	<10	<2
1901728	Soil	0.44	9.9	0.6	<0.05	1.2	6.18	36.8	0.02	<1	0.5	18.6	<10	<2
1901729	Soil	0.54	10.4	0.7	<0.05	1.4	6.74	32.4	0.03	<1	0.4	23.1	<10	<2
1901730	Soil	0.57	6.7	0.7	<0.05	1.0	4.20	22.8	0.03	<1	0.3	25.1	<10	<2
1901731	Soil	0.41	8.3	0.4	<0.05	1.0	3.01	29.9	0.02	<1	0.4	14.6	<10	<2
1901732	Soil	0.30	8.6	0.6	<0.05	1.0	7.88	39.4	0.03	<1	0.5	18.6	<10	<2
1901733	Soil	0.52	9.4	0.6	<0.05	1.0	2.19	34.2	<0.02	<1	0.3	16.8	<10	<2
1901734	Soil	0.21	11.2	1.5	<0.05	1.8	14.22	49.2	0.53	<1	0.6	26.6	<10	<2
1901735	Soil	0.52	9.7	0.6	<0.05	0.7	5.90	30.6	0.03	<1	0.3	18.2	<10	<2
1901736	Soil	0.44	11.3	0.7	<0.05	0.5	5.53	34.1	0.03	<1	0.4	18.9	<10	<2
1901737	Soil	0.35	11.9	0.8	<0.05	0.5	5.62	32.9	0.03	<1	0.3	16.4	<10	<2
1901738	Soil	0.35	12.5	0.8	<0.05	0.7	7.97	37.1	0.03	<1	0.5	19.5	<10	<2
1901739	Soil	0.39	8.9	0.5	<0.05	0.3	4.75	29.9	<0.02	<1	0.2	14.4	<10	<2
1901740	Soil	0.41	8.9	0.5	<0.05	0.3	4.92	29.5	0.02	<1	0.3	15.4	<10	<2
1901741	Soil	0.53	10.0	0.6	<0.05	0.3	3.73	28.3	0.03	<1	0.3	18.2	<10	<2
1901742	Soil	0.54	8.8	0.4	<0.05	0.4	4.93	27.5	0.03	<1	0.2	16.3	<10	<2
1901743	Soil	0.45	7.1	0.3	<0.05	0.2	3.68	29.6	<0.02	<1	0.2	13.1	<10	<2
1901744	Soil	0.50	7.7	0.4	<0.05	0.3	4.33	28.6	<0.02	<1	0.2	15.5	<10	<2
1901745	Soil	0.58	8.2	0.5	<0.05	0.2	4.96	29.9	0.03	<1	0.2	15.0	<10	<2
1901746	Soil	0.51	8.6	0.5	<0.05	0.3	3.48	22.7	<0.02	<1	0.2	12.2	<10	<2
1901747	Soil	0.47	8.2	0.6	<0.05	0.4	4.15	26.5	0.02	1	0.3	15.9	<10	<2
1901748	Soil	0.51	7.1	0.4	<0.05	0.2	3.94	26.0	<0.02	1	0.3	16.0	<10	<2
1901749	Soil	0.49	7.8	0.5	<0.05	0.2	4.09	26.9	<0.02	<1	0.3	19.6	<10	<2
1901750	Soil	0.49	7.8	0.4	<0.05	0.2	4.65	28.9	<0.02	<1	0.3	20.9	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901751	Soil		1.06	13.35	10.25	69.9	248	17.6	6.5	171	1.96	9.2	0.7	2.3	2.1	14.6	0.30	0.52	0.20	36	0.15	0.053
1901752	Soil		1.18	26.58	27.75	93.9	388	21.3	10.1	640	2.06	10.5	1.4	2.6	3.4	32.4	0.92	0.65	0.25	35	0.56	0.060
1901753	Soil		1.54	22.44	25.31	75.9	279	17.3	8.2	439	1.92	10.6	1.0	2.4	2.1	25.1	0.46	0.50	0.22	31	0.37	0.063
1901754	Soil		0.98	18.11	20.32	50.8	339	12.3	3.9	130	1.47	8.3	0.9	3.5	1.2	17.7	0.61	0.33	0.18	27	0.21	0.060
1901755	Soil		1.50	26.59	31.43	80.3	367	18.4	7.1	237	2.24	13.5	1.2	3.7	2.7	18.0	0.54	0.65	0.27	42	0.21	0.056
1901756	Soil		0.86	27.06	21.03	65.4	333	18.3	6.0	168	1.83	9.9	1.2	5.4	2.6	17.3	0.34	0.51	0.23	36	0.21	0.053
1901757	Soil		1.24	34.05	23.05	74.8	422	19.4	7.1	195	2.14	13.9	1.6	3.0	3.3	18.1	0.48	0.73	0.27	39	0.20	0.062
1901758	Soil		1.25	22.44	14.37	68.9	198	16.0	7.1	295	1.97	12.2	1.3	5.7	3.1	15.9	0.37	0.60	0.19	33	0.18	0.057
1901759	Soil		1.20	26.91	12.24	64.8	177	18.8	7.4	263	1.90	8.3	0.8	2.1	2.7	17.2	0.25	0.52	0.20	33	0.26	0.050
1901760	Soil		4.00	21.48	0.98	32.4	15	7.2	4.1	596	2.34	1.5	0.4	0.6	2.1	32.1	0.02	0.17	<0.02	22	0.78	0.038
1901761	Soil		1.31	27.05	14.18	79.1	95	20.7	8.2	363	2.43	14.0	0.7	1.7	5.0	14.6	0.24	0.61	0.21	40	0.22	0.043
1901762	Soil		1.02	15.75	17.48	68.8	233	17.3	8.5	360	2.10	11.9	1.0	5.1	3.9	25.8	0.15	0.51	0.21	35	0.50	0.059
1901763	Soil		0.53	15.69	14.65	68.7	190	16.3	7.1	514	1.86	8.7	1.0	3.5	3.8	32.1	0.28	0.58	0.16	28	0.69	0.054
1901764	Soil		1.08	17.61	14.30	107.9	273	23.1	20.7	4580	2.24	9.7	1.3	2.2	2.0	54.4	1.06	0.56	0.17	25	1.28	0.074
1901765	Soil		0.56	14.54	14.48	73.1	155	16.2	6.4	281	1.74	8.0	0.9	3.5	5.1	27.9	0.27	0.46	0.15	25	0.59	0.050
1901766	Soil		0.51	12.49	13.95	92.8	176	15.8	7.8	738	1.64	7.6	0.8	1.5	4.2	33.6	0.56	0.44	0.14	23	0.75	0.052
1901767	Soil		0.39	15.15	15.35	88.5	185	15.8	6.0	369	1.61	6.5	0.8	1.5	3.8	31.4	0.41	0.49	0.16	24	0.74	0.049
1901768	Soil		0.66	12.06	15.72	115.6	168	16.8	8.6	1404	1.83	9.6	0.7	5.5	3.9	33.9	0.78	0.44	0.15	24	0.79	0.052
1901769	Soil		0.71	16.44	16.48	117.9	167	20.6	7.7	1722	1.80	8.9	0.7	1.7	4.5	42.4	1.22	0.44	0.18	22	0.99	0.058
1901770	Soil		0.65	23.83	19.89	159.8	392	21.2	7.2	384	2.10	12.2	1.3	2.5	4.0	44.3	0.49	0.66	0.22	28	0.95	0.054
1901771	Soil		0.62	21.10	19.93	203.0	400	20.3	8.5	560	2.00	10.8	1.1	6.5	3.8	31.3	1.24	0.59	0.21	27	0.71	0.053
1901772	Soil		1.50	30.57	47.46	285.1	469	28.7	7.9	680	2.20	76.7	1.2	3.8	6.2	14.3	1.02	1.99	0.19	27	0.08	0.057
1901773	Soil		0.94	25.34	48.17	414.9	646	26.1	6.5	601	1.82	43.5	1.1	15.7	4.2	13.6	1.23	1.59	0.14	19	0.08	0.053
1901774	Soil		1.44	26.18	26.28	235.2	508	24.1	6.2	390	1.95	41.4	1.3	13.1	5.9	16.0	0.85	1.75	0.15	22	0.10	0.055
1901775	Soil		0.87	27.64	33.04	355.5	659	25.2	7.5	421	1.91	33.4	1.1	7.0	4.7	13.9	1.04	1.32	0.11	25	0.12	0.056
1901776	Soil		1.12	36.76	32.33	550.8	778	25.4	8.4	489	2.12	39.0	1.2	4.3	4.4	18.1	1.49	1.43	0.15	29	0.14	0.060
1901777	Soil		0.90	33.10	28.93	434.0	805	24.0	7.7	603	1.90	42.0	1.0	2.7	4.6	16.5	1.87	1.32	0.10	23	0.12	0.058
1901778	Soil		0.89	26.33	30.91	287.9	981	21.9	7.7	678	1.79	25.1	0.9	4.8	3.3	12.2	1.45	0.93	0.12	30	0.14	0.051
1901779	Soil		0.93	28.30	43.37	348.5	886	23.7	9.1	650	1.69	21.9	0.9	2.8	3.0	14.1	1.72	0.80	0.12	29	0.13	0.046
1901780	Soil		1.01	19.19	15.20	64.3	241	19.4	6.1	240	2.38	15.1	0.8	9.8	1.1	11.4	0.32	1.01	0.15	46	0.15	0.057

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901751	Soil		13.4	21.9	0.36	161.6	0.013	2	1.26	0.006	0.05	0.2	2.1	0.17	0.03	48	1.0	0.03	4.0	1.16	<0.1	<0.02
1901752	Soil		14.7	23.4	0.38	323.0	0.010	1	1.32	0.008	0.05	0.1	3.1	0.33	0.03	57	0.5	0.03	3.9	1.75	<0.1	<0.02
1901753	Soil		14.7	20.0	0.33	241.9	0.010	<1	1.10	0.006	0.04	0.2	2.3	0.33	<0.02	49	0.3	0.03	3.4	1.85	<0.1	<0.02
1901754	Soil		12.5	17.0	0.26	179.8	0.011	1	0.97	0.006	0.04	0.2	1.8	0.28	0.02	57	0.4	0.03	3.1	1.53	<0.1	<0.02
1901755	Soil		15.1	26.0	0.39	241.6	0.015	2	1.51	0.007	0.06	0.2	2.9	0.34	<0.02	61	0.4	0.04	4.7	1.68	<0.1	<0.02
1901756	Soil		15.7	23.0	0.35	270.4	0.013	2	1.39	0.006	0.05	0.2	2.8	0.34	<0.02	67	0.4	0.04	4.3	1.54	<0.1	<0.02
1901757	Soil		17.3	25.1	0.37	239.4	0.013	2	1.45	0.006	0.05	0.2	2.8	0.49	<0.02	68	0.4	0.04	4.5	1.62	<0.1	<0.02
1901758	Soil		17.2	21.0	0.32	181.6	0.016	1	1.15	0.005	0.04	0.2	2.4	0.34	<0.02	43	0.3	0.03	3.4	1.10	<0.1	<0.02
1901759	Soil		15.8	22.0	0.37	207.6	0.013	1	1.26	0.007	0.05	0.2	2.3	0.27	<0.02	42	0.2	0.03	4.0	1.32	<0.1	<0.02
1901760	Soil		5.7	15.2	0.49	56.6	0.075	3	1.04	0.072	0.08	0.2	3.1	<0.02	0.04	<5	<0.1	<0.02	4.2	0.14	<0.1	0.11
1901761	Soil		17.2	24.2	0.44	186.9	0.020	1	1.42	0.006	0.05	0.2	2.3	0.27	<0.02	22	0.3	0.05	4.4	1.19	<0.1	0.02
1901762	Soil		14.3	22.1	0.34	281.5	0.011	<1	1.28	0.007	0.04	0.2	2.8	0.19	0.02	51	0.3	0.03	4.0	1.17	<0.1	0.02
1901763	Soil		13.9	17.8	0.32	260.6	0.013	1	1.07	0.008	0.04	0.2	2.5	0.14	0.03	45	0.5	0.02	3.0	0.90	<0.1	0.02
1901764	Soil		10.8	15.4	0.27	403.9	0.008	2	0.97	0.008	0.04	0.2	1.9	0.13	0.09	39	1.0	0.04	2.1	0.76	<0.1	0.03
1901765	Soil		16.4	15.6	0.29	219.7	0.016	1	0.92	0.007	0.04	0.2	2.3	0.11	0.03	36	0.6	<0.02	2.6	0.73	<0.1	0.02
1901766	Soil		15.4	14.5	0.28	243.3	0.013	1	0.90	0.007	0.04	0.2	2.0	0.10	0.04	32	0.6	<0.02	2.6	0.74	<0.1	<0.02
1901767	Soil		13.8	15.8	0.30	236.8	0.011	1	1.00	0.007	0.04	0.2	2.2	0.12	0.05	36	0.9	<0.02	2.8	0.84	<0.1	0.02
1901768	Soil		14.0	15.0	0.31	238.0	0.011	1	0.96	0.006	0.04	0.2	2.1	0.11	0.04	29	0.8	0.02	2.5	0.78	<0.1	0.02
1901769	Soil		16.9	14.2	0.31	254.1	0.011	1	0.94	0.007	0.05	0.1	2.0	0.10	0.04	28	0.8	<0.02	2.4	0.83	<0.1	0.03
1901770	Soil		15.5	20.0	0.34	228.6	0.009	1	1.18	0.007	0.05	0.2	2.9	0.15	0.04	43	1.7	0.02	3.3	1.09	<0.1	0.03
1901771	Soil		14.8	18.5	0.34	201.8	0.010	1	1.13	0.006	0.05	0.1	2.8	0.14	0.04	36	1.8	0.03	3.0	1.18	<0.1	0.03
1901772	Soil		26.3	23.9	0.26	151.4	0.020	<1	1.02	0.004	0.03	1.0	2.6	0.26	<0.02	23	0.6	0.04	2.9	0.98	<0.1	<0.02
1901773	Soil		22.7	19.7	0.19	86.3	0.013	<1	0.73	0.003	0.02	0.8	2.0	0.26	<0.02	15	0.6	0.03	2.2	0.81	<0.1	<0.02
1901774	Soil		25.3	18.4	0.22	120.2	0.015	<1	0.76	0.004	0.02	0.8	2.3	0.20	<0.02	16	0.7	0.04	2.4	0.79	<0.1	<0.02
1901775	Soil		22.0	19.9	0.31	113.7	0.017	<1	0.87	0.004	0.02	0.8	2.4	0.17	<0.02	14	0.4	<0.02	2.5	0.82	<0.1	<0.02
1901776	Soil		22.7	23.6	0.30	111.0	0.019	<1	1.01	0.004	0.03	0.7	2.6	0.21	<0.02	21	0.4	0.03	3.0	1.15	<0.1	<0.02
1901777	Soil		22.5	18.5	0.27	101.7	0.014	<1	0.88	0.004	0.02	0.7	2.2	0.18	<0.02	15	0.4	<0.02	2.4	0.95	<0.1	<0.02
1901778	Soil		19.6	21.9	0.27	137.7	0.022	<1	0.86	0.004	0.03	0.6	2.2	0.15	<0.02	25	0.2	0.03	2.6	0.88	<0.1	<0.02
1901779	Soil		18.3	24.1	0.28	132.3	0.020	<1	0.90	0.004	0.02	0.5	2.1	0.15	<0.02	27	0.2	<0.02	2.7	0.88	<0.1	<0.02
1901780	Soil		19.4	23.4	0.31	57.9	0.023	<1	0.91	0.005	0.04	0.5	1.1	0.09	<0.02	43	0.4	0.02	3.2	0.75	<0.1	<0.02

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901751	Soil	0.59	11.1	0.4	<0.05	0.2	3.63	26.5	0.02	1	0.2	21.2	<10	<2
1901752	Soil	0.62	11.9	0.7	<0.05	0.6	6.62	29.4	0.03	<1	0.4	17.0	<10	<2
1901753	Soil	0.38	9.7	0.7	<0.05	0.3	5.45	29.5	0.03	<1	0.3	14.1	<10	<2
1901754	Soil	0.48	9.5	0.8	<0.05	0.1	4.19	24.9	0.03	<1	0.2	10.5	<10	<2
1901755	Soil	0.62	12.6	0.8	<0.05	0.3	5.06	30.5	0.05	<1	0.4	16.5	<10	<2
1901756	Soil	0.66	11.7	0.8	<0.05	0.3	5.72	31.9	0.03	<1	0.3	15.5	<10	<2
1901757	Soil	0.59	12.1	0.9	<0.05	0.3	5.68	34.1	0.04	<1	0.4	16.7	<10	<2
1901758	Soil	0.41	8.7	0.6	<0.05	0.2	5.12	33.7	0.04	<1	0.3	13.4	<10	<2
1901759	Soil	0.48	11.0	0.5	<0.05	0.2	4.15	33.3	<0.02	<1	0.3	15.0	<10	<2
1901760	Soil	0.38	2.2	1.8	<0.05	2.5	7.97	11.6	<0.02	<1	0.2	1.0	<10	<2
1901761	Soil	0.55	10.5	0.6	<0.05	1.0	3.90	36.8	0.02	<1	0.3	19.5	<10	<2
1901762	Soil	0.61	10.4	0.5	<0.05	0.7	4.70	29.1	0.02	<1	0.3	14.9	<10	<2
1901763	Soil	0.58	7.7	0.4	<0.05	1.0	5.59	28.0	<0.02	<1	0.3	13.6	<10	<2
1901764	Soil	0.36	7.7	0.3	<0.05	1.2	5.91	24.4	<0.02	3	0.3	12.4	<10	<2
1901765	Soil	0.58	7.0	0.3	<0.05	1.3	5.93	33.0	<0.02	<1	0.2	13.3	<10	<2
1901766	Soil	0.51	8.4	0.2	<0.05	0.9	5.53	31.1	<0.02	2	0.3	13.4	<10	<2
1901767	Soil	0.54	8.7	0.3	<0.05	1.1	5.80	28.3	<0.02	<1	0.2	14.1	<10	<2
1901768	Soil	0.39	8.9	0.3	<0.05	0.8	5.10	30.3	<0.02	<1	0.3	15.0	<10	<2
1901769	Soil	0.47	8.4	0.4	<0.05	1.2	5.58	35.6	<0.02	<1	0.2	15.5	<10	<2
1901770	Soil	0.59	10.4	0.4	<0.05	1.3	9.63	29.2	0.02	3	0.5	22.3	<10	<2
1901771	Soil	0.48	11.0	0.4	<0.05	0.9	8.79	28.5	0.02	2	0.3	19.7	<10	<2
1901772	Soil	0.22	5.0	0.6	<0.05	0.7	10.63	51.3	0.04	<1	0.3	12.8	<10	<2
1901773	Soil	0.14	3.1	0.5	<0.05	0.1	10.71	42.3	0.05	<1	0.3	9.4	<10	<2
1901774	Soil	0.13	3.4	0.4	<0.05	1.5	11.81	46.0	0.03	<1	0.3	9.0	<10	<2
1901775	Soil	0.18	3.6	0.4	<0.05	0.6	10.87	38.8	0.02	<1	0.2	11.8	<10	<2
1901776	Soil	0.18	5.1	0.6	<0.05	0.6	11.47	41.7	0.08	<1	0.3	13.1	<10	<2
1901777	Soil	0.11	3.6	0.4	<0.05	0.3	11.23	40.7	0.02	<1	0.3	11.0	<10	<2
1901778	Soil	0.16	5.2	0.6	<0.05	0.2	7.75	37.4	0.03	<1	0.2	12.1	<10	<2
1901779	Soil	0.15	4.9	0.7	<0.05	0.3	8.04	36.4	0.04	<1	0.2	12.0	<10	<2
1901780	Soil	0.29	5.9	0.4	<0.05	0.5	4.46	39.0	<0.02	<1	0.2	9.6	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901781	Soil	1.01	18.01	16.23	58.0	242	17.1	5.4	193	2.28	15.4	0.7	4.8	1.8	10.8	0.35	1.11	0.16	41	0.14	0.060
1901782	Soil	1.14	9.38	36.72	43.5	180	10.4	3.4	169	2.35	18.3	0.4	6.7	0.4	6.6	0.13	0.88	0.20	54	0.06	0.040
1901783	Soil	1.21	9.93	17.08	53.0	236	12.3	4.6	197	2.45	16.9	0.5	2.9	0.8	7.4	0.17	0.66	0.21	48	0.07	0.042
1901784	Soil	0.87	17.64	22.92	78.0	185	19.0	6.7	244	2.34	16.8	0.6	15.1	2.1	9.9	0.40	0.84	0.16	41	0.11	0.050
1901785	Soil	1.29	19.42	23.12	78.5	378	20.7	9.3	309	2.81	20.1	0.8	1.9	5.6	9.2	0.52	0.94	0.22	50	0.08	0.043
1901786	Soil	0.93	14.10	23.31	82.4	134	17.3	7.8	315	2.67	15.9	0.6	4.6	3.6	10.0	0.40	0.73	0.17	44	0.12	0.057
1901787	Soil	0.81	9.08	57.79	39.0	245	5.3	1.9	106	1.00	11.8	0.6	2.4	0.2	6.7	0.25	0.63	0.27	44	0.05	0.039
1901788	Soil	1.30	42.54	169.19	266.9	1094	27.9	9.6	498	2.92	28.4	1.3	4.7	1.6	16.3	0.58	1.48	0.56	56	0.13	0.074
1901789	Soil	1.86	24.70	60.19	125.4	542	17.2	8.1	341	3.96	23.1	0.9	2.2	3.3	10.6	1.25	0.93	0.36	69	0.09	0.046
1901790	Soil	1.26	146.14	176.71	283.4	6902	44.8	22.6	1123	3.63	34.6	1.0	5.1	2.7	24.8	2.26	1.12	0.30	78	0.27	0.087
1901791	Soil	1.39	80.95	306.07	699.2	4779	32.4	12.3	1859	3.08	38.3	1.2	25.1	4.3	19.7	5.14	2.76	0.41	57	0.21	0.078
1901792	Soil	1.11	59.24	252.87	409.5	2884	27.7	11.9	1402	2.79	29.7	0.9	12.9	4.1	16.2	2.95	2.01	0.30	57	0.19	0.067
1901793	Soil	1.27	14.79	25.15	59.2	205	14.0	5.8	187	2.76	19.4	0.9	3.2	4.2	9.4	0.42	0.71	0.20	49	0.09	0.044
1901794	Soil	1.16	15.86	23.41	73.9	66	15.5	7.0	276	3.03	16.6	0.7	3.5	2.0	9.2	0.50	0.69	0.21	53	0.09	0.047
1901795	Soil	1.11	57.31	109.23	230.3	1085	26.4	11.9	600	3.15	24.4	1.0	3.2	1.1	16.7	1.06	0.96	0.33	67	0.14	0.061
1901796	Soil	1.32	89.55	135.98	398.8	2390	37.3	15.5	1276	3.24	28.1	1.1	7.8	1.9	26.2	5.04	1.28	0.35	67	0.38	0.080
1901797	Soil	1.56	91.61	82.97	212.1	2162	31.5	20.7	1127	3.46	29.7	1.3	2.9	1.5	16.9	1.64	0.97	0.36	74	0.17	0.082
1901798	Soil	0.89	48.61	76.44	82.4	541	24.1	14.7	685	3.08	19.1	0.6	1.5	4.0	11.6	0.65	0.80	0.16	50	0.17	0.082
1901799	Soil	1.21	39.34	32.29	60.9	1166	14.8	6.0	267	3.51	20.1	0.6	3.7	3.9	9.3	0.34	0.64	0.25	71	0.08	0.033
1901800	Soil	3.81	20.88	0.99	32.0	16	6.8	4.0	566	2.36	1.8	0.4	0.6	2.3	30.5	0.03	0.14	<0.02	22	0.78	0.040
1901801	Soil	0.97	18.38	13.19	70.6	136	18.3	6.4	155	2.10	9.8	0.7	2.1	4.4	14.7	0.23	0.71	0.17	35	0.19	0.063
1901802	Soil	0.70	26.14	13.87	86.5	270	24.7	9.1	360	2.03	7.5	1.9	1.0	4.0	19.3	0.46	0.71	0.20	33	0.25	0.057
1901803	Soil	1.15	13.94	16.16	85.7	270	19.1	5.9	162	1.97	11.0	0.6	<0.2	1.8	22.9	0.71	0.80	0.20	35	0.30	0.077
1901804	Soil	0.77	20.30	17.96	69.8	186	18.1	7.3	179	1.99	11.1	1.0	1.6	3.7	13.8	0.28	0.67	0.19	33	0.18	0.063
1901805	Soil	0.92	18.58	29.50	58.9	230	16.7	5.4	112	1.95	9.9	0.9	3.3	2.0	16.5	0.19	0.76	0.20	34	0.19	0.061
1901806	Soil	1.00	24.22	43.58	71.8	325	21.2	6.3	197	2.19	13.5	0.8	0.8	2.7	16.9	0.29	0.95	0.22	37	0.18	0.074
1901807	Soil	0.98	17.50	71.55	68.7	509	16.9	5.7	189	1.94	10.4	0.8	3.9	1.0	13.3	0.47	0.83	0.20	34	0.13	0.053
1901808	Soil	1.07	13.83	8.54	32.1	143	8.8	2.1	77	1.47	13.9	0.5	3.6	1.1	6.3	0.22	0.58	0.25	39	0.03	0.040
1901809	Soil	1.11	21.87	13.14	58.7	254	18.3	5.1	260	2.47	19.0	0.8	2.9	1.9	9.5	0.27	0.78	0.24	38	0.07	0.069
1901810	Soil	1.72	39.04	19.33	105.4	396	34.6	10.1	436	2.59	28.7	1.6	2.9	3.1	13.5	0.61	1.03	0.33	40	0.07	0.081

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901781	Soil		17.9	20.7	0.29	47.4	0.026	4	0.76	0.004	0.03	0.7	0.9	0.07	0.02	37	0.3	<0.02	2.5	0.63	<0.1	<0.02
1901782	Soil		12.4	18.5	0.19	44.1	0.019	<1	0.89	0.003	0.03	0.4	0.4	0.09	<0.02	35	0.4	0.03	4.2	0.66	<0.1	<0.02
1901783	Soil		13.0	21.6	0.30	53.4	0.027	<1	1.18	0.003	0.04	0.3	1.0	0.10	<0.02	22	0.3	0.06	4.2	0.85	<0.1	<0.02
1901784	Soil		13.8	21.7	0.36	82.8	0.029	<1	1.16	0.004	0.03	0.3	1.6	0.09	<0.02	41	0.4	0.02	3.3	0.73	<0.1	0.02
1901785	Soil		14.3	28.9	0.39	99.0	0.035	<1	1.97	0.004	0.04	0.4	2.3	0.15	<0.02	83	0.9	0.02	4.2	1.19	<0.1	0.02
1901786	Soil		14.3	25.6	0.38	76.6	0.029	<1	1.50	0.004	0.04	0.4	2.2	0.10	<0.02	16	0.6	0.02	3.2	0.92	<0.1	0.02
1901787	Soil		19.4	14.0	0.09	62.8	0.027	<1	0.58	0.003	0.04	0.2	<0.1	0.17	<0.02	51	0.1	0.04	4.5	1.17	<0.1	<0.02
1901788	Soil		17.8	37.4	0.49	220.0	0.018	2	1.89	0.005	0.04	0.4	2.2	0.26	0.02	56	0.9	0.02	4.4	1.97	<0.1	<0.02
1901789	Soil		15.8	39.1	0.46	214.6	0.039	<1	2.14	0.004	0.05	0.3	3.3	0.21	<0.02	42	0.6	0.04	6.3	2.06	<0.1	<0.02
1901790	Soil		16.7	48.3	0.85	342.3	0.031	3	2.46	0.008	0.04	0.4	4.5	0.18	<0.02	64	0.8	0.02	5.8	2.98	<0.1	<0.02
1901791	Soil		20.9	37.0	0.61	134.6	0.026	<1	1.45	0.006	0.03	0.5	3.0	0.13	<0.02	47	0.7	<0.02	3.0	1.77	<0.1	<0.02
1901792	Soil		18.8	32.7	0.51	113.0	0.031	<1	1.42	0.006	0.03	0.6	2.6	0.17	<0.02	60	0.4	<0.02	3.5	1.81	<0.1	<0.02
1901793	Soil		15.4	27.3	0.37	130.3	0.034	1	1.60	0.004	0.04	0.5	2.2	0.12	<0.02	44	0.8	0.02	4.0	1.05	<0.1	0.04
1901794	Soil		14.4	27.2	0.39	122.5	0.031	1	1.88	0.004	0.04	0.3	1.9	0.13	<0.02	42	0.2	0.04	4.6	1.10	<0.1	<0.02
1901795	Soil		14.4	36.6	0.55	272.5	0.023	2	2.02	0.005	0.04	0.4	2.4	0.19	<0.02	55	0.2	0.04	5.8	2.32	<0.1	<0.02
1901796	Soil		14.8	39.9	0.71	315.0	0.022	<1	2.11	0.008	0.05	0.4	3.5	0.17	0.03	57	0.4	0.04	4.8	2.36	<0.1	<0.02
1901797	Soil		16.4	46.2	0.61	346.0	0.030	<1	2.56	0.008	0.05	0.4	3.8	0.19	0.04	69	0.8	0.05	6.2	2.08	<0.1	<0.02
1901798	Soil		13.1	28.8	0.37	87.6	0.044	5	2.32	0.006	0.04	0.7	2.6	0.12	0.02	82	0.6	<0.02	3.8	1.22	<0.1	0.04
1901799	Soil		14.2	32.4	0.38	104.9	0.046	3	2.03	0.004	0.04	0.4	2.8	0.14	<0.02	54	0.3	0.02	6.2	1.94	<0.1	<0.02
1901800	Soil		5.4	15.4	0.49	59.2	0.076	2	1.09	0.077	0.08	0.2	2.6	<0.02	0.04	7	<0.1	<0.02	4.1	0.12	<0.1	0.12
1901801	Soil		16.3	20.8	0.37	192.0	0.026	2	1.34	0.005	0.04	0.2	2.3	0.12	<0.02	33	0.8	<0.02	3.6	0.81	<0.1	<0.02
1901802	Soil		17.4	22.7	0.36	416.3	0.018	2	1.31	0.006	0.04	0.3	3.0	0.11	<0.02	57	0.4	0.04	3.6	0.76	<0.1	<0.02
1901803	Soil		15.9	20.8	0.39	248.0	0.025	3	1.20	0.007	0.04	0.2	1.8	0.13	<0.02	42	0.4	0.04	3.3	0.84	<0.1	<0.02
1901804	Soil		17.3	26.8	0.35	221.8	0.021	1	1.28	0.005	0.04	0.2	2.4	0.13	<0.02	50	0.4	0.03	3.2	0.81	<0.1	<0.02
1901805	Soil		18.4	21.5	0.36	200.2	0.022	4	1.27	0.007	0.04	0.3	2.1	0.16	<0.02	50	0.6	0.04	3.7	0.89	<0.1	<0.02
1901806	Soil		18.4	22.4	0.37	246.9	0.020	3	1.22	0.006	0.04	0.3	2.2	0.19	<0.02	48	0.7	0.06	3.5	0.96	<0.1	<0.02
1901807	Soil		17.3	22.3	0.31	152.5	0.017	2	1.14	0.004	0.04	0.4	1.2	0.19	<0.02	56	0.4	0.04	3.7	1.05	<0.1	<0.02
1901808	Soil		15.6	12.1	0.08	36.8	0.021	1	0.57	0.003	0.02	0.2	0.6	0.07	<0.02	20	0.2	0.07	4.5	1.57	<0.1	<0.02
1901809	Soil		16.8	21.7	0.24	60.1	0.021	3	1.16	0.004	0.04	0.2	1.3	0.10	<0.02	56	0.5	0.07	4.2	1.82	<0.1	<0.02
1901810	Soil		19.8	22.4	0.23	72.6	0.021	2	1.21	0.005	0.04	0.2	1.5	0.10	0.03	60	0.8	0.07	4.6	2.40	<0.1	<0.02

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		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901781	Soil		0.33	4.3	0.6	<0.05	0.6	4.14	34.9	<0.02	<1	0.3	9.1	<10	<2
1901782	Soil		0.29	4.1	0.6	<0.05	0.2	2.21	26.5	<0.02	<1	0.2	5.3	<10	<2
1901783	Soil		0.45	5.9	0.5	<0.05	0.3	2.46	26.8	<0.02	3	<0.1	9.6	<10	<2
1901784	Soil		0.50	4.8	0.5	<0.05	0.3	3.56	29.0	<0.02	2	0.3	12.7	<10	<2
1901785	Soil		1.04	9.4	0.4	<0.05	1.4	3.06	28.3	0.06	<1	0.3	17.5	<10	<2
1901786	Soil		0.60	7.1	0.4	<0.05	0.9	3.35	28.6	0.03	<1	0.2	14.0	<10	<2
1901787	Soil		0.31	4.9	0.9	<0.05	0.2	3.56	37.5	0.03	<1	0.3	2.7	<10	<2
1901788	Soil		0.30	6.8	2.2	<0.05	0.2	8.51	35.2	0.22	<1	0.5	19.6	<10	<2
1901789	Soil		1.19	10.3	1.2	<0.05	0.5	5.42	29.6	0.07	1	0.2	19.2	<10	<2
1901790	Soil		0.51	6.9	1.8	<0.05	0.4	8.33	32.1	0.08	<1	0.5	26.4	<10	3
1901791	Soil		0.20	3.6	2.5	<0.05	0.3	9.26	40.9	0.16	1	0.2	18.0	<10	<2
1901792	Soil		0.34	4.6	2.0	<0.05	0.3	6.48	35.8	0.10	<1	0.5	16.2	<10	3
1901793	Soil		0.84	7.0	0.5	<0.05	1.9	2.92	29.8	0.04	<1	0.5	15.4	<10	<2
1901794	Soil		0.92	6.4	0.5	<0.05	0.7	3.25	30.3	0.04	<1	0.3	18.0	<10	<2
1901795	Soil		0.48	8.5	1.5	<0.05	0.3	5.12	30.3	0.09	<1	0.2	19.5	<10	<2
1901796	Soil		0.39	8.0	1.7	<0.05	0.3	9.15	28.3	0.10	<1	0.2	22.5	<10	4
1901797	Soil		0.81	8.9	1.1	<0.05	0.4	10.53	35.1	0.11	<1	0.7	23.5	<10	<2
1901798	Soil		1.04	5.2	0.4	<0.05	1.3	4.53	27.4	0.03	<1	0.5	13.9	<10	<2
1901799	Soil		1.31	7.4	0.6	<0.05	1.2	2.90	27.2	0.05	<1	0.4	18.4	<10	<2
1901800	Soil		0.34	1.9	1.6	<0.05	3.0	7.26	11.2	<0.02	<1	0.5	1.2	<10	<2
1901801	Soil		0.61	7.2	0.4	<0.05	1.3	4.57	32.5	0.02	<1	0.3	14.1	<10	<2
1901802	Soil		0.50	6.5	0.6	<0.05	0.7	8.62	33.9	0.03	1	0.4	12.4	<10	<2
1901803	Soil		0.45	6.3	0.4	<0.05	0.4	5.15	30.8	<0.02	<1	<0.1	14.4	<10	<2
1901804	Soil		0.50	7.4	0.4	<0.05	0.7	5.71	35.0	0.02	<1	0.3	13.0	<10	<2
1901805	Soil		0.46	7.2	0.3	<0.05	0.5	4.98	35.3	<0.02	<1	0.3	14.1	<10	<2
1901806	Soil		0.44	7.5	0.4	<0.05	0.6	6.17	36.9	<0.02	1	0.6	14.3	<10	<2
1901807	Soil		0.34	8.2	0.5	<0.05	0.2	4.50	35.6	<0.02	<1	0.2	14.5	<10	<2
1901808	Soil		0.46	4.4	0.7	<0.05	0.3	2.12	32.6	<0.02	<1	<0.1	3.5	<10	<2
1901809	Soil		0.48	6.0	0.4	<0.05	0.3	3.12	32.2	<0.02	<1	<0.1	13.6	<10	<2
1901810	Soil		0.46	6.2	0.9	<0.05	0.4	4.74	42.7	0.04	<1	0.7	13.2	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901811	Soil	1.46	44.56	13.45	80.5	1105	29.7	4.8	135	2.01	14.7	1.7	4.4	0.3	10.3	0.73	0.85	0.25	31	0.05	0.080
1901812	Soil	0.65	22.50	7.89	22.4	818	9.8	1.7	34	0.84	2.7	0.5	<0.2	0.1	5.2	0.92	0.26	0.13	22	0.03	0.061
1901813	Soil	1.01	14.98	10.17	34.4	719	13.2	2.7	79	1.44	12.0	0.6	0.5	0.6	6.3	0.19	0.54	0.21	31	0.04	0.032
1901814	Soil	1.00	10.79	12.43	32.5	852	9.3	2.4	88	2.38	17.2	0.4	1.1	2.2	5.2	0.09	0.55	0.25	43	0.03	0.028
1901815	Soil	1.12	12.62	8.41	45.9	204	14.2	3.0	105	2.01	17.3	0.5	6.8	2.7	6.4	0.17	0.72	0.22	38	0.04	0.039
1901816	Soil	1.70	35.37	14.57	62.5	217	23.1	6.5	261	2.42	20.0	1.2	1.2	1.5	10.5	0.34	0.82	0.28	36	0.06	0.054
1901817	Soil	2.60	59.09	19.88	96.8	586	41.4	12.1	485	3.10	24.0	2.0	6.2	2.3	22.9	0.34	1.26	0.46	30	0.07	0.098
1901818	Soil	2.23	62.03	18.99	102.5	570	44.0	11.9	434	3.36	27.2	1.7	5.4	7.7	20.3	0.30	1.49	0.54	30	0.08	0.088
1901819	Soil	1.67	32.08	16.84	72.0	295	24.0	7.1	315	2.47	19.6	1.0	4.6	2.3	9.8	0.22	0.85	0.28	40	0.06	0.063
1901820	Soil	1.52	35.49	17.54	91.0	314	34.0	9.5	408	2.74	20.1	1.1	4.1	3.5	11.4	0.32	0.90	0.28	40	0.09	0.070
1901821	Soil	1.73	38.46	18.20	96.6	259	38.6	12.9	510	2.71	23.2	1.4	4.9	3.0	10.0	0.45	0.97	0.30	43	0.06	0.077
1901822	Soil	1.48	35.42	11.05	60.9	177	26.1	7.1	224	2.65	20.8	0.9	4.5	3.8	8.8	0.17	0.91	0.32	44	0.07	0.049
1901823	Soil	1.28	30.88	12.22	84.9	254	36.0	9.7	288	2.34	17.7	1.1	4.1	6.7	11.3	0.26	0.88	0.22	34	0.12	0.054
1901824	Soil	0.94	13.62	10.05	32.7	411	11.0	2.7	80	1.82	10.5	0.6	3.4	0.7	6.6	0.16	0.41	0.20	38	0.05	0.032
1901825	Soil	1.42	30.84	14.30	63.3	386	25.5	6.6	262	2.32	13.6	0.9	4.9	1.4	10.9	0.20	0.82	0.24	37	0.08	0.053
1901826	Soil	1.25	26.99	11.46	71.7	96	27.1	9.6	314	2.43	12.1	0.7	3.0	3.2	11.6	0.26	0.74	0.20	36	0.11	0.058
1901827	Soil	3.78	66.22	1779.30	178.6	6333	25.4	7.2	255	3.05	26.7	1.2	4.6	5.8	15.6	1.10	2.73	0.72	68	0.13	0.067
1901828	Soil	2.02	42.76	5819.09	99.5	10412	17.9	5.0	207	2.72	26.7	1.2	3.5	3.9	19.7	0.59	9.05	0.53	59	0.12	0.089
1901829	Soil	1.64	15.61	14.37	45.1	179	13.5	4.4	157	1.77	11.5	0.7	2.3	1.9	16.1	0.16	0.72	0.16	31	0.18	0.057
1901830	Soil	1.42	23.66	11.05	64.0	202	19.5	7.5	193	1.85	12.6	1.1	2.4	3.0	20.0	0.26	0.99	0.18	29	0.21	0.078
1901831	Soil	1.78	27.62	18.37	61.8	371	21.0	8.0	335	2.16	14.5	1.0	2.7	1.1	24.1	0.32	1.00	0.23	35	0.32	0.073
1901832	Soil	1.58	20.99	11.00	63.0	253	17.9	7.6	317	1.92	14.8	0.9	1.3	2.9	16.9	0.26	0.78	0.21	32	0.18	0.067
1901833	Soil	3.10	39.42	12.45	82.8	675	26.2	11.4	502	2.17	7.8	1.3	2.2	2.1	23.0	0.32	0.58	0.28	33	0.24	0.080
1901834	Soil	4.23	43.07	12.06	75.6	305	27.9	10.4	516	2.55	17.9	1.3	2.0	5.5	19.2	0.26	1.43	0.28	30	0.15	0.074
1901835	Soil	3.54	48.47	13.37	98.5	368	35.0	11.6	458	2.57	26.3	1.4	1.4	3.9	21.0	0.40	0.84	0.35	32	0.18	0.075
1901836	Soil	5.93	72.32	29.55	120.0	591	52.1	14.6	761	3.24	19.9	2.2	2.0	9.9	24.9	0.49	0.76	0.62	27	0.19	0.111
1901837	Soil	2.96	47.46	12.61	83.8	297	31.7	12.7	758	2.44	32.1	1.2	52.4	0.9	16.1	0.58	0.55	0.30	28	0.09	0.077
1901838	Soil	2.25	66.62	13.31	95.0	432	43.7	10.6	402	2.73	14.3	1.5	6.5	7.0	20.2	0.26	0.79	0.30	33	0.12	0.080
1901839	Soil	1.70	45.90	12.03	75.6	392	32.7	8.9	361	2.44	15.1	1.1	5.8	4.3	16.5	0.24	0.88	0.29	29	0.08	0.055
1901840	Soil	2.09	60.47	17.98	73.0	1315	26.5	8.3	515	2.62	20.2	1.2	3.3	2.8	16.3	0.28	0.66	0.37	35	0.06	0.058

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901811	Soil		15.6	16.9	0.12	68.9	0.013	3	0.84	0.007	0.03	0.1	0.7	0.08	0.07	137	0.9	0.06	3.3	1.85	<0.1	<0.02
1901812	Soil		8.6	10.3	0.03	47.9	0.004	<1	0.45	0.009	0.03	<0.1	0.3	0.06	0.03	70	0.5	0.03	2.5	0.76	<0.1	<0.02
1901813	Soil		14.6	12.7	0.15	63.4	0.013	2	0.72	0.004	0.03	0.2	0.9	0.09	<0.02	37	0.3	0.04	3.7	1.29	<0.1	<0.02
1901814	Soil		12.0	14.2	0.13	36.4	0.021	2	0.89	0.002	0.02	0.2	1.1	0.08	<0.02	23	0.5	<0.02	4.6	1.32	<0.1	<0.02
1901815	Soil		12.8	14.2	0.12	36.8	0.021	5	0.67	0.003	0.03	0.2	1.1	0.06	<0.02	28	0.3	0.05	3.8	1.29	<0.1	<0.02
1901816	Soil		20.2	22.4	0.27	95.6	0.016	<1	1.16	0.004	0.04	0.2	1.1	0.07	<0.02	30	0.6	0.06	4.4	2.97	<0.1	<0.02
1901817	Soil		35.4	27.1	0.30	181.8	0.006	<1	1.20	0.007	0.03	0.1	1.3	0.06	0.05	42	1.1	0.11	4.2	5.47	<0.1	0.03
1901818	Soil		24.2	28.2	0.39	76.6	0.009	<1	1.22	0.006	0.03	0.2	1.7	0.05	0.04	36	1.3	0.11	3.7	4.76	<0.1	0.03
1901819	Soil		18.9	22.0	0.20	54.7	0.020	1	0.95	0.004	0.04	0.2	1.2	0.09	<0.02	39	0.6	0.04	4.3	1.70	<0.1	<0.02
1901820	Soil		18.2	25.9	0.27	70.8	0.021	1	1.27	0.005	0.04	0.2	1.5	0.10	<0.02	36	0.8	0.06	4.2	1.84	<0.1	<0.02
1901821	Soil		21.9	24.4	0.23	65.9	0.019	<1	1.16	0.004	0.04	0.2	1.6	0.09	0.02	60	0.6	0.08	4.4	3.09	<0.1	<0.02
1901822	Soil		22.1	25.7	0.34	105.5	0.018	<1	1.30	0.005	0.04	0.2	1.9	0.10	<0.02	27	0.6	0.05	4.5	3.13	<0.1	<0.02
1901823	Soil		22.5	23.4	0.35	113.4	0.023	<1	1.18	0.006	0.04	0.2	2.1	0.08	<0.02	26	0.4	0.04	3.3	1.70	<0.1	<0.02
1901824	Soil		13.4	18.9	0.19	56.2	0.013	<1	1.00	0.003	0.03	0.1	0.8	0.08	<0.02	52	0.4	0.03	4.1	1.35	<0.1	<0.02
1901825	Soil		17.4	24.2	0.33	116.7	0.015	<1	1.14	0.005	0.04	0.1	1.3	0.10	<0.02	39	0.3	0.04	3.8	1.85	<0.1	<0.02
1901826	Soil		16.2	24.4	0.33	95.2	0.023	<1	1.27	0.005	0.04	0.2	1.8	0.08	<0.02	25	0.5	0.02	3.5	1.27	<0.1	<0.02
1901827	Soil		18.3	36.4	0.52	179.0	0.023	<1	1.75	0.005	0.06	1.0	3.7	0.59	0.02	83	1.4	0.05	5.3	1.89	<0.1	<0.02
1901828	Soil		25.3	29.4	0.28	165.7	0.016	<1	1.68	0.006	0.07	0.2	2.3	0.92	0.04	89	2.3	0.06	5.7	1.40	<0.1	<0.02
1901829	Soil		14.8	17.5	0.32	106.4	0.018	<1	0.88	0.006	0.04	0.3	1.4	0.30	0.02	41	0.4	0.04	3.0	0.79	<0.1	<0.02
1901830	Soil		17.8	21.6	0.39	192.5	0.022	<1	1.00	0.007	0.04	0.3	2.1	0.36	<0.02	51	0.4	0.04	3.4	0.87	<0.1	<0.02
1901831	Soil		14.8	22.2	0.42	216.3	0.015	1	1.19	0.007	0.05	0.2	1.6	0.37	0.04	64	0.6	0.03	3.8	1.18	<0.1	<0.02
1901832	Soil		16.4	20.4	0.39	157.9	0.021	<1	1.08	0.007	0.04	0.2	2.0	0.25	<0.02	48	0.5	0.03	3.5	1.04	<0.1	<0.02
1901833	Soil		15.8	23.9	0.55	181.5	0.014	<1	1.30	0.008	0.05	0.1	2.3	0.33	0.04	43	0.5	0.03	4.0	1.59	<0.1	<0.02
1901834	Soil		22.0	22.2	0.50	144.5	0.016	<1	1.23	0.005	0.04	0.1	1.7	0.51	<0.02	20	0.5	0.06	3.8	1.53	<0.1	<0.02
1901835	Soil		23.5	25.3	0.54	146.7	0.012	<1	1.23	0.005	0.04	0.1	1.9	0.22	<0.02	23	0.4	0.06	3.7	1.71	<0.1	<0.02
1901836	Soil		28.7	21.8	0.68	214.0	0.010	<1	1.30	0.005	0.04	<0.1	1.8	0.07	0.02	19	0.8	0.10	3.2	2.46	0.1	0.02
1901837	Soil		23.1	19.1	0.35	148.8	0.010	<1	1.01	0.006	0.04	0.1	0.8	0.07	0.02	23	0.8	0.05	3.2	2.59	<0.1	<0.02
1901838	Soil		23.7	22.4	0.35	164.3	0.019	<1	1.15	0.006	0.05	0.1	2.1	0.08	<0.02	39	0.9	0.09	4.0	2.58	0.1	<0.02
1901839	Soil		20.5	22.3	0.38	174.7	0.015	<1	1.13	0.006	0.04	0.1	1.9	0.09	<0.02	34	0.5	0.05	4.0	1.70	0.1	<0.02
1901840	Soil		21.9	22.8	0.40	164.9	0.012	<1	1.34	0.005	0.04	0.1	1.7	0.10	<0.02	29	0.5	0.07	4.3	1.93	<0.1	<0.02

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Project: Haldane
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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901811	Soil	0.38	4.0	0.4	<0.05	0.3	3.82	30.4	0.04	<1	<0.1	4.2	<10	<2
1901812	Soil	0.12	2.0	0.9	<0.05	0.2	1.71	16.6	<0.02	<1	<0.1	0.7	<10	<2
1901813	Soil	0.34	3.6	0.6	<0.05	0.2	2.12	26.0	<0.02	<1	0.2	5.6	<10	<2
1901814	Soil	0.64	3.4	0.5	<0.05	0.4	1.83	25.4	<0.02	<1	<0.1	4.5	<10	<2
1901815	Soil	0.65	3.9	0.5	<0.05	0.6	2.03	27.7	<0.02	<1	0.2	5.2	<10	<2
1901816	Soil	0.36	6.0	0.7	<0.05	0.3	4.04	38.9	0.02	<1	0.4	13.4	<10	<2
1901817	Soil	0.22	5.2	0.4	<0.05	0.6	10.54	55.5	0.06	<1	0.3	17.6	<10	<2
1901818	Soil	0.20	3.6	0.5	<0.05	1.4	6.57	44.5	0.03	<1	0.2	19.3	<10	<2
1901819	Soil	0.39	6.4	0.7	<0.05	0.2	3.14	35.7	0.02	1	0.2	11.1	<10	<2
1901820	Soil	0.48	6.9	0.5	<0.05	0.4	3.63	34.3	0.03	<1	0.3	16.1	<10	<2
1901821	Soil	0.38	6.2	0.7	<0.05	0.4	5.00	42.1	0.03	<1	0.3	15.1	<10	<2
1901822	Soil	0.49	7.5	0.5	<0.05	0.2	5.35	38.7	0.02	<1	0.2	20.7	<10	<2
1901823	Soil	0.36	6.3	0.3	<0.05	0.7	5.57	42.0	0.03	<1	0.4	18.4	<10	<2
1901824	Soil	0.47	4.2	0.5	<0.05	0.1	2.23	25.2	<0.02	<1	0.1	7.9	<10	<2
1901825	Soil	0.32	6.7	0.4	<0.05	0.1	4.66	32.6	0.02	<1	0.2	15.3	<10	<2
1901826	Soil	0.47	6.8	0.7	<0.05	0.6	4.03	32.6	<0.02	<1	0.3	16.3	<10	<2
1901827	Soil	0.57	10.9	3.4	<0.05	0.8	5.61	36.2	0.08	<1	0.4	22.1	<10	<2
1901828	Soil	0.75	14.0	6.2	<0.05	0.4	7.39	43.6	0.10	<1	0.6	14.9	<10	<2
1901829	Soil	0.46	5.1	0.3	<0.05	0.3	3.70	28.3	<0.02	<1	0.1	10.2	<10	<2
1901830	Soil	0.48	6.1	0.4	<0.05	0.5	5.92	35.1	0.03	<1	0.3	14.2	<10	<2
1901831	Soil	0.52	8.8	0.4	<0.05	0.3	5.10	28.9	0.02	<1	0.2	14.7	<10	<2
1901832	Soil	0.53	7.1	0.4	<0.05	0.4	4.73	31.1	0.02	<1	0.2	13.8	<10	<2
1901833	Soil	0.44	7.3	0.4	<0.05	0.3	4.67	31.2	0.04	<1	0.2	21.1	<10	<2
1901834	Soil	0.30	6.6	0.5	<0.05	0.5	6.02	42.1	0.03	<1	0.2	21.0	<10	<2
1901835	Soil	0.22	5.6	0.3	<0.05	0.3	5.41	45.5	0.04	<1	0.3	22.7	<10	<2
1901836	Soil	0.15	4.6	0.4	<0.05	1.5	9.35	54.0	0.02	<1	0.3	25.4	<10	<2
1901837	Soil	0.16	5.4	0.4	<0.05	0.3	5.86	43.9	0.03	<1	0.2	14.9	<10	<2
1901838	Soil	0.28	7.0	0.3	<0.05	0.5	7.47	43.6	0.03	<1	0.4	19.6	<10	<2
1901839	Soil	0.29	6.6	0.4	<0.05	0.3	6.20	38.9	0.03	<1	0.3	18.3	<10	<2
1901840	Soil	0.32	7.7	0.6	<0.05	0.3	5.91	40.0	0.04	<1	0.3	17.0	<10	<2

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901841	Soil		2.44	44.66	16.04	74.8	1192	23.6	7.5	555	2.84	13.7	0.6	5.9	4.2	12.3	0.24	0.72	0.31	41	0.05	0.057
1901842	Soil		3.35	52.72	15.58	74.8	899	29.7	7.0	397	2.20	11.6	1.2	2.0	1.6	19.0	0.48	0.73	0.25	23	0.10	0.074
1901843	Soil		1.15	44.15	27.66	117.4	374	45.0	20.9	913	2.89	23.0	1.7	3.2	11.6	19.2	0.72	0.67	0.31	14	0.43	0.047
1901844	Soil		1.75	34.86	11.80	77.0	484	25.0	8.4	287	2.33	11.4	0.9	5.7	3.2	14.3	0.14	0.49	0.29	29	0.10	0.064
1901845	Soil		2.43	55.04	11.04	115.6	470	46.7	11.3	451	2.62	16.2	1.7	8.6	7.9	20.6	0.47	0.72	0.32	26	0.15	0.099
1901846	Soil		3.89	22.36	0.92	30.1	18	7.1	4.3	585	2.29	1.4	0.4	6.5	2.1	29.0	0.02	0.22	<0.02	22	0.74	0.036
1901847	Soil		3.88	107.66	17.92	164.4	934	87.1	18.3	645	3.80	24.0	3.1	7.9	11.2	31.6	0.45	1.46	0.47	34	0.12	0.115
1901848	Soil		1.93	47.50	12.52	79.8	424	35.2	11.1	367	2.52	15.4	1.2	3.1	2.9	15.7	0.28	0.73	0.24	33	0.08	0.072
1901849	Soil		1.37	44.65	9.35	76.3	271	22.6	8.9	344	2.18	10.3	0.8	2.6	4.6	12.8	0.27	0.59	0.14	39	0.20	0.062
1901850	Soil		0.89	49.19	13.64	63.6	305	17.2	7.0	204	1.90	9.1	0.9	1.5	1.9	13.8	0.14	0.49	0.17	37	0.18	0.050
1901851	Soil		0.99	26.70	11.68	72.5	304	17.4	6.5	172	1.95	9.1	0.9	3.3	3.7	13.4	0.26	0.58	0.16	33	0.17	0.052
1901852	Soil		1.06	20.39	11.55	69.4	219	16.3	7.4	286	1.97	9.8	0.7	14.7	2.0	13.0	0.23	0.51	0.18	35	0.18	0.058
1901853	Soil		1.42	29.30	29.65	114.6	928	24.4	4.7	199	2.31	32.0	1.6	4.9	3.9	9.5	0.41	2.13	0.75	36	0.05	0.042
1901854	Soil		1.30	39.73	16.51	103.5	294	28.2	7.4	315	2.41	18.3	1.3	7.0	4.5	11.1	0.76	2.14	0.40	38	0.09	0.048
1901855	Soil		1.41	18.67	16.48	63.7	240	15.1	5.6	293	2.28	15.6	0.7	2.5	2.8	7.0	0.74	0.88	0.26	48	0.06	0.037
1901856	Soil		0.60	8.79	15.66	28.9	43	7.2	1.7	51	1.13	7.5	0.6	1.8	0.8	7.3	0.16	0.46	0.24	31	0.05	0.034
1901857	Soil		1.23	25.24	12.77	66.8	324	17.7	4.4	158	1.81	23.1	1.1	4.3	0.7	10.8	0.41	0.95	0.24	34	0.08	0.057
1901858	Soil		1.50	10.43	13.02	58.3	319	14.6	13.4	994	1.89	9.3	1.6	4.4	2.4	14.1	0.24	0.60	0.19	36	0.17	0.058
1901859	Soil		1.17	9.29	12.05	52.8	265	14.1	4.9	144	1.79	11.9	0.9	3.1	2.9	15.5	0.16	0.58	0.21	34	0.18	0.055
1901860	Soil		1.00	8.18	9.84	46.4	534	11.2	4.1	122	1.34	5.8	0.7	1.7	2.4	19.1	0.20	0.53	0.13	25	0.27	0.064
1901861	Soil		1.53	16.56	20.31	64.2	596	17.6	6.2	247	2.07	15.3	0.9	3.3	3.1	18.2	0.12	0.74	0.28	35	0.22	0.064
1901862	Soil		1.70	16.93	22.05	61.2	614	16.5	6.2	275	2.14	16.0	1.0	2.5	2.5	18.8	0.13	0.76	0.29	37	0.22	0.065
1901863	Soil		2.31	21.27	22.88	59.9	544	15.1	4.7	233	2.87	17.8	1.0	2.5	4.8	14.8	0.13	1.24	0.25	33	0.12	0.061
1901864	Soil		1.27	10.66	10.34	35.1	542	10.5	3.2	104	1.34	7.6	0.7	1.7	1.1	15.7	0.27	0.49	0.15	22	0.21	0.063
1901865	Soil		0.91	10.89	13.63	46.5	503	12.9	4.2	114	1.49	10.4	0.6	3.7	1.9	14.7	0.14	0.46	0.20	25	0.17	0.048
1901866	Soil		1.50	11.32	12.61	56.8	282	16.2	6.4	203	1.91	11.6	0.6	2.3	1.7	14.7	0.13	0.67	0.20	30	0.17	0.054
1901867	Soil		1.29	12.02	8.87	50.6	125	13.4	5.5	251	1.92	10.1	0.5	1.2	2.3	10.3	0.14	0.84	0.16	35	0.09	0.047
1901868	Soil		1.37	12.32	11.41	56.4	224	15.4	5.7	188	1.88	12.1	0.7	1.6	1.2	16.9	0.21	0.76	0.19	34	0.21	0.057
1901869	Soil		0.79	9.46	9.33	38.8	181	12.3	4.1	88	1.56	8.8	0.6	2.2	1.2	14.0	0.10	0.46	0.17	33	0.17	0.047
1901870	Soil		0.81	8.48	8.05	31.0	156	10.0	3.1	80	1.43	7.9	0.6	0.8	0.6	12.3	0.10	0.35	0.14	27	0.15	0.043

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901841	Soil	17.2	21.3	0.39	114.0	0.015	<1	1.28	0.004	0.04	0.1	1.5	0.12	<0.02	33	0.6	0.09	5.0	1.70	<0.1	<0.02
1901842	Soil	27.1	17.3	0.37	141.3	0.006	<1	0.98	0.005	0.03	<0.1	0.9	0.11	0.02	27	0.5	0.06	3.4	1.77	<0.1	0.04
1901843	Soil	21.5	17.5	0.54	71.9	0.003	<1	1.16	0.004	0.05	<0.1	1.8	0.06	0.04	26	0.8	0.03	3.2	1.42	<0.1	0.06
1901844	Soil	16.4	22.2	0.35	99.6	0.015	<1	1.00	0.005	0.04	0.1	1.3	0.08	<0.02	44	0.6	0.06	3.2	2.18	<0.1	<0.02
1901845	Soil	24.8	23.2	0.34	89.1	0.013	<1	0.95	0.007	0.03	0.1	1.7	0.04	0.02	24	1.0	0.09	2.8	3.15	0.1	0.02
1901846	Soil	5.4	14.7	0.50	53.9	0.079	2	1.00	0.070	0.08	0.2	3.0	<0.02	0.05	<5	<0.1	<0.02	4.0	0.13	0.1	0.08
1901847	Soil	31.2	31.3	0.37	128.3	0.009	<1	1.37	0.012	0.04	0.1	2.5	0.04	0.05	43	1.6	0.16	3.9	5.30	<0.1	0.05
1901848	Soil	16.6	22.5	0.29	67.7	0.015	<1	1.19	0.006	0.04	0.1	1.6	0.06	0.03	34	0.8	0.07	3.7	2.24	<0.1	0.02
1901849	Soil	16.4	24.1	0.51	172.9	0.027	<1	1.19	0.007	0.04	0.2	2.9	0.15	<0.02	28	0.2	0.03	3.7	1.10	0.1	<0.02
1901850	Soil	16.3	21.0	0.37	221.4	0.016	1	1.27	0.006	0.04	0.2	2.7	0.33	<0.02	54	0.4	0.02	3.6	1.65	<0.1	<0.02
1901851	Soil	18.2	21.9	0.37	191.0	0.022	<1	1.14	0.005	0.05	0.2	2.3	0.34	<0.02	51	0.2	<0.02	3.4	1.45	<0.1	<0.02
1901852	Soil	15.4	20.8	0.37	178.9	0.019	<1	1.15	0.006	0.05	0.4	1.8	0.21	<0.02	30	0.2	0.03	3.4	1.03	<0.1	<0.02
1901853	Soil	19.4	18.2	0.25	66.2	0.010	<1	1.18	0.005	0.04	0.2	1.6	0.15	0.02	56	0.7	0.08	3.9	1.37	<0.1	<0.02
1901854	Soil	18.8	23.8	0.37	133.8	0.021	<1	1.38	0.005	0.04	0.2	2.3	0.14	<0.02	50	0.3	0.06	3.8	1.56	<0.1	<0.02
1901855	Soil	14.7	18.1	0.24	75.5	0.020	<1	1.31	0.004	0.04	0.2	1.6	0.11	<0.02	27	0.4	0.05	4.7	1.13	<0.1	<0.02
1901856	Soil	12.5	14.0	0.14	59.7	0.005	<1	0.99	0.004	0.03	<0.1	0.2	0.13	<0.02	25	0.3	0.03	5.0	1.06	<0.1	<0.02
1901857	Soil	15.4	18.7	0.25	124.4	0.008	1	1.09	0.005	0.04	0.1	0.7	0.12	0.02	40	0.5	0.05	4.1	1.43	<0.1	<0.02
1901858	Soil	12.7	18.3	0.32	183.9	0.009	1	1.18	0.005	0.04	0.1	1.9	0.13	0.02	51	0.3	<0.02	3.8	1.33	<0.1	<0.02
1901859	Soil	12.5	19.8	0.35	159.6	0.011	1	1.22	0.006	0.05	0.1	1.8	0.13	0.04	46	0.4	0.04	4.2	1.24	<0.1	<0.02
1901860	Soil	10.7	16.4	0.27	140.6	0.013	2	0.97	0.015	0.05	0.1	1.6	0.13	0.06	62	0.3	0.03	3.4	1.11	<0.1	<0.02
1901861	Soil	13.3	19.9	0.40	168.0	0.009	<1	1.25	0.005	0.04	0.1	1.7	0.15	0.03	40	0.5	0.05	4.0	1.21	<0.1	<0.02
1901862	Soil	12.7	20.6	0.39	169.3	0.009	1	1.25	0.006	0.04	0.1	1.7	0.15	0.04	48	0.6	0.05	4.0	1.24	<0.1	<0.02
1901863	Soil	16.7	20.6	0.39	176.2	0.007	<1	1.25	0.004	0.04	0.1	1.9	0.14	0.02	51	0.7	0.06	3.8	1.13	<0.1	<0.02
1901864	Soil	13.3	14.3	0.26	148.0	0.005	<1	0.90	0.006	0.04	0.1	1.1	0.11	0.05	41	0.4	0.03	3.0	0.79	<0.1	<0.02
1901865	Soil	13.8	17.4	0.32	154.4	0.007	<1	1.09	0.004	0.04	0.1	1.4	0.13	0.03	43	0.5	0.02	3.5	1.04	<0.1	<0.02
1901866	Soil	15.3	19.7	0.39	136.2	0.010	<1	1.18	0.005	0.04	0.2	1.5	0.27	<0.02	52	0.5	0.03	4.1	1.13	<0.1	<0.02
1901867	Soil	15.2	17.3	0.30	71.7	0.019	<1	0.93	0.004	0.04	0.3	1.3	0.33	<0.02	30	0.2	0.04	3.8	0.94	<0.1	0.04
1901868	Soil	13.3	20.1	0.32	165.4	0.013	<1	1.09	0.006	0.05	0.3	1.5	0.38	0.02	60	0.4	0.03	3.8	1.07	<0.1	<0.02
1901869	Soil	12.2	18.1	0.27	167.7	0.010	<1	1.08	0.006	0.04	0.2	1.6	0.35	0.03	60	0.4	0.02	3.7	1.07	<0.1	<0.02
1901870	Soil	10.7	15.6	0.26	132.5	0.011	<1	0.94	0.006	0.04	0.1	1.1	0.19	0.03	50	0.4	<0.02	3.3	0.87	<0.1	<0.02

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		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901841	Soil		0.38	8.7	0.6	<0.05	1.0	2.84	33.1	0.04	<1	0.2	15.4	<10	<2
1901842	Soil		0.16	4.9	0.5	<0.05	2.4	6.93	50.1	<0.02	<1	0.3	18.4	<10	<2
1901843	Soil		0.26	5.1	0.2	<0.05	2.2	8.05	42.5	<0.02	1	0.3	23.8	<10	<2
1901844	Soil		0.29	5.1	0.3	<0.05	0.6	4.03	30.5	0.05	<1	0.2	14.2	<10	<2
1901845	Soil		0.18	3.7	0.4	<0.05	0.5	7.58	45.3	0.05	<1	0.2	15.8	<10	<2
1901846	Soil		0.33	2.1	1.7	<0.05	2.2	7.41	11.0	<0.02	<1	0.2	1.0	<10	<2
1901847	Soil		0.18	4.3	0.3	<0.05	2.3	13.53	57.3	0.05	<1	0.3	20.4	<10	<2
1901848	Soil		0.36	5.5	0.5	<0.05	0.7	4.52	32.2	0.03	<1	0.2	13.9	<10	<2
1901849	Soil		0.31	7.1	0.4	<0.05	0.7	5.92	31.2	0.03	<1	0.3	16.0	<10	<2
1901850	Soil		0.37	7.8	0.5	<0.05	0.2	6.92	31.7	0.02	<1	0.4	15.0	<10	<2
1901851	Soil		0.41	8.3	0.4	<0.05	0.3	6.10	35.0	0.02	<1	0.4	13.5	<10	<2
1901852	Soil		0.36	8.4	0.4	<0.05	0.1	4.26	30.9	<0.02	<1	0.3	12.6	<10	<2
1901853	Soil		0.53	5.1	0.5	<0.05	0.8	3.79	39.8	0.13	<1	0.3	14.1	<10	<2
1901854	Soil		0.47	9.2	0.5	<0.05	0.4	4.73	37.6	0.06	<1	0.4	16.9	<10	<2
1901855	Soil		0.65	8.7	0.5	<0.05	0.2	2.67	29.4	<0.02	<1	0.3	13.2	<10	<2
1901856	Soil		0.26	4.7	0.7	<0.05	0.3	2.08	25.1	0.02	<1	0.1	5.5	<10	<2
1901857	Soil		0.26	6.8	0.5	<0.05	0.2	4.20	30.0	0.03	<1	0.2	11.7	<10	<2
1901858	Soil		0.31	6.6	0.3	<0.05	0.3	3.56	25.9	<0.02	<1	0.2	15.0	<10	<2
1901859	Soil		0.65	7.5	0.4	<0.05	0.3	3.12	25.5	<0.02	<1	0.2	14.9	<10	<2
1901860	Soil		0.61	7.0	2.0	<0.05	0.4	2.55	21.9	<0.02	<1	0.2	10.1	<10	<2
1901861	Soil		0.53	7.3	0.5	<0.05	0.5	3.36	27.3	0.02	<1	0.2	16.4	<10	<2
1901862	Soil		0.54	7.3	0.4	<0.05	0.6	3.26	26.2	0.03	<1	0.2	15.5	<10	<2
1901863	Soil		0.43	7.5	0.4	<0.05	0.4	3.90	34.8	<0.02	<1	0.2	17.6	<10	<2
1901864	Soil		0.38	5.0	0.5	<0.05	0.2	3.15	26.8	<0.02	<1	0.1	10.7	<10	<2
1901865	Soil		0.38	6.2	0.4	<0.05	0.1	2.92	27.6	0.03	<1	0.1	15.2	<10	<2
1901866	Soil		0.36	9.0	0.5	<0.05	0.1	3.09	31.8	<0.02	<1	0.2	17.4	<10	<2
1901867	Soil		0.36	8.5	0.4	<0.05	1.9	2.96	30.4	<0.02	<1	0.2	10.5	<10	<2
1901868	Soil		0.43	8.8	0.9	<0.05	0.3	3.33	26.1	<0.02	<1	0.2	11.9	<10	<2
1901869	Soil		0.53	6.6	0.4	<0.05	0.3	3.42	24.1	<0.02	<1	0.2	10.7	<10	<2
1901870	Soil		0.38	6.2	0.3	<0.05	0.3	2.86	21.5	<0.02	<1	0.2	9.4	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901871	Soil		0.86	12.11	13.77	50.3	174	15.2	5.4	172	2.07	12.2	0.6	5.2	0.9	11.5	0.13	0.55	0.20	36	0.14	0.049
1901872	Soil		0.99	24.87	15.31	81.3	104	26.8	12.5	261	2.40	12.5	0.6	2.1	5.6	10.2	0.30	0.72	0.18	38	0.11	0.046
1901873	Soil		0.87	19.95	12.77	69.5	139	22.8	8.0	302	2.14	50.8	0.9	3.8	5.1	12.5	0.23	0.64	0.17	33	0.16	0.061
1901874	Soil		1.57	29.58	10.71	66.2	173	22.0	7.8	232	2.00	10.1	0.9	4.9	4.6	18.3	0.15	0.68	0.17	39	0.39	0.066
1901875	Soil		2.08	47.13	9.80	78.4	263	30.6	9.5	328	2.24	9.9	1.3	8.0	5.0	18.0	0.16	0.64	0.17	43	0.33	0.073
1901876	Soil		2.58	43.05	11.06	78.9	169	27.1	8.3	264	2.41	12.9	0.7	25.6	4.9	12.4	0.22	0.67	0.19	44	0.26	0.058
1901877	Soil		2.21	13.77	10.81	58.2	100	18.4	8.5	354	2.44	11.3	0.6	1.6	3.3	11.6	0.17	0.49	0.21	41	0.20	0.069
1901878	Soil		1.90	34.05	7.60	79.5	310	15.9	7.1	182	2.76	16.1	0.3	1.2	2.7	9.5	0.26	0.59	0.16	70	0.18	0.030
1901879	Soil		4.97	53.63	27.66	137.6	682	42.6	12.3	979	3.18	37.8	1.4	2.4	1.7	12.1	1.46	1.11	0.26	42	0.21	0.078
1901880	Soil		1.37	23.65	10.61	73.2	143	18.3	6.5	310	1.87	8.6	0.7	2.7	2.1	12.5	0.32	0.65	0.16	35	0.16	0.050
1901881	Soil		0.96	13.62	9.62	134.2	155	18.1	5.8	1027	1.62	6.6	0.6	1.7	1.2	11.7	0.67	0.63	0.17	35	0.12	0.038
1901882	Soil		4.40	36.56	160.21	176.9	1300	29.3	15.4	1606	3.12	25.6	1.8	6.1	1.3	43.8	1.31	1.98	0.62	57	0.26	0.118
1901883	Soil		0.77	11.96	9.55	45.0	274	12.4	3.8	99	1.54	8.4	0.6	4.2	0.8	13.1	0.24	0.41	0.16	28	0.17	0.043
1901884	Soil		0.53	10.58	8.41	40.2	257	10.7	3.3	85	1.19	6.1	0.5	13.2	1.2	12.6	0.23	0.32	0.13	22	0.17	0.039
1901885	Soil		1.59	18.13	14.97	78.4	408	17.9	8.4	353	2.15	12.1	0.7	2.3	1.9	13.6	0.26	0.69	0.20	36	0.16	0.053
1901886	Soil		0.98	14.70	10.31	39.1	294	12.2	3.7	129	1.58	9.1	0.8	1.1	0.6	14.1	0.14	0.44	0.17	30	0.17	0.047
1901887	Soil		0.71	9.94	7.53	34.3	251	9.8	2.7	85	1.17	6.1	0.6	1.4	0.6	12.5	0.17	0.30	0.13	23	0.15	0.041
1901888	Soil		0.90	10.95	8.01	32.2	142	9.6	2.5	76	1.36	7.1	0.6	15.4	0.5	9.7	0.16	0.29	0.14	25	0.10	0.036
1901889	Soil		1.18	15.93	9.40	35.6	181	11.2	3.1	95	1.85	8.8	0.9	7.7	0.8	11.9	0.21	0.38	0.16	30	0.13	0.045
1901890	Soil		0.56	12.87	8.79	37.2	130	11.6	3.5	128	1.38	6.7	0.8	2.4	1.5	13.4	0.20	0.30	0.15	24	0.14	0.040
1901891	Soil		0.58	12.82	9.16	38.2	199	10.9	3.0	98	1.42	6.2	0.9	3.1	1.5	13.6	0.17	0.28	0.15	22	0.14	0.046
1901892	Soil		2.20	10.97	10.55	50.9	250	11.9	6.2	229	1.73	7.9	1.0	1.3	1.5	18.0	0.18	0.43	0.19	35	0.19	0.048
1901893	Soil		0.93	12.96	10.12	50.9	699	13.6	4.3	131	1.51	8.8	0.8	8.8	0.7	14.1	0.38	0.60	0.21	31	0.15	0.063
1901894	Soil		1.03	12.94	11.98	62.4	547	15.4	4.9	131	1.79	8.9	0.8	2.9	1.8	15.0	0.32	0.63	0.23	34	0.17	0.055
1901895	Soil		1.12	12.47	10.35	58.4	384	17.2	5.7	149	1.84	10.6	0.7	3.7	0.7	13.4	0.32	0.60	0.18	33	0.15	0.056
1901896	Soil		1.26	11.32	9.65	56.3	222	16.7	6.2	130	2.02	10.9	0.6	4.1	0.6	11.5	0.23	0.55	0.16	35	0.13	0.053
1901897	Soil		1.40	11.42	10.16	59.0	158	17.5	8.0	224	1.85	9.3	0.7	3.4	1.2	12.2	0.22	0.54	0.16	30	0.14	0.052
1901898	Soil		1.30	14.51	10.51	51.9	183	15.9	6.5	174	1.87	11.3	0.7	2.0	1.0	12.5	0.32	0.49	0.18	32	0.13	0.049
1901899	Soil		1.07	10.51	8.08	46.0	240	12.7	3.8	102	1.48	8.3	0.6	1.9	0.9	11.8	0.16	0.40	0.18	27	0.12	0.053
1901900	Soil		0.74	10.09	7.58	43.4	149	11.9	3.9	99	1.29	6.7	0.6	11.0	1.4	12.5	0.21	0.36	0.12	24	0.15	0.040

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901871	Soil		12.9	20.2	0.34	134.3	0.012	<1	1.20	0.006	0.04	0.2	1.3	0.23	<0.02	50	0.4	0.03	3.9	1.10	<0.1	<0.02
1901872	Soil		13.3	25.0	0.41	103.8	0.025	<1	1.63	0.006	0.05	0.3	2.3	0.13	<0.02	31	0.3	0.03	3.6	1.16	<0.1	0.04
1901873	Soil		16.8	19.9	0.34	109.7	0.024	<1	1.06	0.005	0.04	0.3	2.1	0.10	<0.02	38	0.4	0.03	3.0	0.95	<0.1	<0.02
1901874	Soil		15.0	23.5	0.47	251.2	0.023	<1	1.27	0.007	0.05	0.2	3.1	0.14	<0.02	34	0.7	0.03	3.5	1.37	<0.1	0.03
1901875	Soil		17.9	28.4	0.62	238.5	0.022	<1	1.50	0.006	0.05	0.1	3.7	0.21	<0.02	24	0.7	0.03	4.2	2.45	<0.1	0.02
1901876	Soil		14.9	27.2	0.65	139.5	0.018	<1	1.52	0.006	0.06	0.2	3.1	0.21	<0.02	18	0.5	0.04	4.4	2.11	<0.1	0.02
1901877	Soil		14.5	22.9	0.49	161.6	0.021	<1	1.45	0.005	0.05	0.2	1.9	0.17	<0.02	18	0.2	0.03	4.3	2.41	<0.1	<0.02
1901878	Soil		10.2	23.4	0.39	98.6	0.033	<1	1.40	0.006	0.04	0.1	2.3	0.15	<0.02	13	0.3	0.03	5.1	3.15	<0.1	<0.02
1901879	Soil		16.5	24.9	0.39	261.8	0.013	<1	1.54	0.005	0.05	0.2	2.2	0.46	<0.02	41	0.8	0.06	3.6	2.94	<0.1	<0.02
1901880	Soil		16.9	20.7	0.36	170.7	0.017	<1	1.25	0.005	0.04	0.3	2.1	0.17	<0.02	30	0.2	0.03	3.7	1.11	<0.1	<0.02
1901881	Soil		12.8	21.2	0.32	149.2	0.015	<1	1.18	0.005	0.04	0.2	1.7	0.20	<0.02	62	0.2	<0.02	3.9	1.16	<0.1	<0.02
1901882	Soil		17.8	33.0	0.29	442.5	0.006	<1	2.10	0.010	0.10	0.3	2.7	2.30	0.05	316	1.7	0.07	6.4	4.36	<0.1	0.02
1901883	Soil		12.0	16.0	0.28	103.9	0.010	<1	0.97	0.005	0.04	0.2	1.2	0.22	0.03	49	0.9	0.02	3.3	1.00	<0.1	<0.02
1901884	Soil		11.6	14.0	0.26	91.2	0.009	<1	0.88	0.006	0.04	0.2	1.2	0.20	0.03	43	0.8	<0.02	3.1	0.75	<0.1	<0.02
1901885	Soil		15.0	20.5	0.37	130.8	0.015	<1	1.21	0.006	0.04	0.3	1.7	0.23	<0.02	40	0.8	0.04	3.7	1.09	<0.1	<0.02
1901886	Soil		12.7	16.7	0.27	136.6	0.011	<1	1.01	0.006	0.04	0.2	1.3	0.21	0.03	40	1.1	0.03	3.4	1.12	<0.1	<0.02
1901887	Soil		11.5	15.4	0.25	103.6	0.008	<1	0.91	0.005	0.04	0.1	1.0	0.24	0.03	44	0.7	0.02	3.5	1.08	<0.1	<0.02
1901888	Soil		11.6	14.1	0.24	91.2	0.010	<1	0.88	0.004	0.03	0.2	1.1	0.23	0.03	46	0.6	0.02	3.2	0.93	<0.1	<0.02
1901889	Soil		13.7	18.2	0.27	116.0	0.013	2	0.98	0.006	0.04	0.2	1.3	0.31	0.04	33	0.7	0.02	3.4	0.84	<0.1	<0.02
1901890	Soil		15.1	17.6	0.29	135.5	0.014	2	0.95	0.005	0.04	0.2	1.6	0.26	0.03	40	0.6	<0.02	3.4	0.77	<0.1	<0.02
1901891	Soil		14.9	17.3	0.31	120.7	0.013	<1	1.05	0.005	0.04	0.2	1.6	0.30	0.03	37	0.6	<0.02	3.4	1.07	<0.1	<0.02
1901892	Soil		14.8	19.4	0.32	141.4	0.015	1	1.05	0.007	0.04	0.2	1.8	0.26	0.03	50	0.8	0.02	3.6	1.05	<0.1	<0.02
1901893	Soil		16.4	18.6	0.28	159.1	0.011	2	1.05	0.006	0.04	0.2	1.4	0.18	0.04	63	1.3	<0.02	3.7	1.21	<0.1	<0.02
1901894	Soil		16.8	21.7	0.35	175.1	0.014	1	1.21	0.007	0.05	0.2	2.0	0.21	0.03	54	1.8	<0.02	4.1	1.41	<0.1	<0.02
1901895	Soil		15.1	19.9	0.33	151.5	0.013	<1	1.09	0.007	0.05	0.2	1.5	0.16	0.03	51	0.9	<0.02	3.7	1.05	<0.1	<0.02
1901896	Soil		15.3	18.9	0.31	138.6	0.013	<1	1.06	0.005	0.04	0.3	1.2	0.15	<0.02	44	0.6	0.02	3.5	0.99	<0.1	<0.02
1901897	Soil		17.4	18.7	0.33	114.6	0.019	1	0.99	0.006	0.04	0.3	1.6	0.15	<0.02	44	0.5	<0.02	3.2	0.89	<0.1	<0.02
1901898	Soil		16.4	18.1	0.31	142.7	0.016	2	1.03	0.006	0.04	0.2	1.5	0.18	<0.02	43	0.5	<0.02	3.4	0.94	<0.1	<0.02
1901899	Soil		14.3	18.0	0.30	119.5	0.014	2	0.96	0.006	0.04	0.2	1.4	0.19	0.02	68	0.5	<0.02	3.4	0.97	<0.1	<0.02
1901900	Soil		15.3	15.5	0.26	128.7	0.015	2	0.86	0.006	0.04	0.2	1.5	0.15	0.02	37	0.4	<0.02	3.0	0.84	<0.1	<0.02

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901871	Soil	0.43	9.0	0.4	<0.05	0.2	3.44	26.3	<0.02	<1	0.2	12.6	<10	<2
1901872	Soil	0.63	9.0	0.4	<0.05	1.3	3.38	27.7	0.03	<1	0.4	19.4	<10	<2
1901873	Soil	0.51	6.4	0.4	<0.05	0.8	6.05	33.9	<0.02	<1	0.3	13.4	<10	<2
1901874	Soil	0.50	8.5	0.4	<0.05	1.5	7.02	31.6	<0.02	<1	0.3	15.7	<10	<2
1901875	Soil	0.35	9.8	0.5	<0.05	1.5	9.89	35.0	<0.02	<1	0.4	19.3	<10	<2
1901876	Soil	0.37	8.8	0.5	<0.05	1.6	5.63	30.1	0.03	<1	0.3	19.4	<10	<2
1901877	Soil	0.35	13.8	0.5	<0.05	0.3	5.10	30.2	<0.02	<1	0.4	18.4	<10	<2
1901878	Soil	0.87	12.9	0.5	<0.05	1.0	2.25	20.3	<0.02	<1	0.2	15.1	<10	<2
1901879	Soil	0.25	10.1	0.6	<0.05	0.2	8.60	34.8	0.03	<1	0.5	24.3	<10	<2
1901880	Soil	0.31	8.5	0.6	<0.05	0.2	4.66	33.9	0.03	<1	0.3	15.9	<10	<2
1901881	Soil	0.21	7.3	0.5	<0.05	0.1	3.06	25.5	0.02	<1	0.2	15.7	<10	<2
1901882	Soil	0.58	16.7	4.2	<0.05	0.7	8.22	34.5	0.35	2	0.5	20.8	<10	<2
1901883	Soil	0.51	6.6	0.3	<0.05	0.2	2.71	24.0	<0.02	<1	0.2	10.7	<10	<2
1901884	Soil	0.44	5.1	0.3	<0.05	0.2	2.41	23.1	<0.02	<1	<0.1	10.1	<10	<2
1901885	Soil	0.42	8.9	0.4	<0.05	0.2	3.47	30.9	0.02	<1	0.3	15.3	<10	<2
1901886	Soil	0.47	7.5	0.3	<0.05	0.1	2.95	25.5	<0.02	<1	0.2	11.2	<10	<2
1901887	Soil	0.40	7.1	0.3	<0.05	0.2	2.34	22.9	<0.02	<1	0.2	10.0	<10	<2
1901888	Soil	0.45	5.8	0.3	<0.05	0.2	2.69	23.3	<0.02	<1	0.1	8.8	<10	<2
1901889	Soil	0.56	5.7	0.4	<0.05	0.2	3.13	26.1	0.02	<1	0.1	9.7	<10	3
1901890	Soil	0.56	5.4	0.4	<0.05	0.2	3.25	28.7	<0.02	<1	0.1	11.0	<10	<2
1901891	Soil	0.55	8.1	0.4	<0.05	0.2	3.39	29.6	<0.02	<1	0.2	11.0	<10	<2
1901892	Soil	0.58	7.4	0.5	<0.05	0.3	3.07	28.2	0.02	<1	0.2	13.0	<10	<2
1901893	Soil	0.42	6.5	0.6	<0.05	0.1	3.90	31.9	<0.02	<1	0.2	12.6	<10	<2
1901894	Soil	0.57	6.6	0.4	<0.05	0.2	3.99	32.7	<0.02	2	0.2	15.2	<10	<2
1901895	Soil	0.44	7.0	0.6	<0.05	0.2	3.60	29.2	<0.02	<1	0.2	12.9	<10	<2
1901896	Soil	0.33	6.7	0.3	<0.05	0.1	3.76	30.7	<0.02	<1	0.1	12.2	<10	<2
1901897	Soil	0.31	6.8	0.4	<0.05	0.2	3.82	34.3	<0.02	<1	0.1	13.8	<10	<2
1901898	Soil	0.41	6.7	0.3	<0.05	0.2	3.71	31.2	<0.02	<1	0.1	13.1	<10	<2
1901899	Soil	0.42	6.1	0.5	<0.05	0.1	2.98	27.9	<0.02	<1	0.1	12.0	<10	<2
1901900	Soil	0.45	5.6	0.4	<0.05	<0.1	3.22	29.0	<0.02	<1	0.1	9.9	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901901	Soil	0.80	12.22	9.75	50.9	197	13.1	4.3	143	1.60	8.3	0.7	1.6	1.3	14.6	0.19	0.42	0.16	27	0.18	0.049
1901902	Soil	0.82	11.56	8.64	43.5	256	11.8	3.4	90	1.46	6.1	0.7	3.4	1.3	15.7	0.18	0.39	0.15	21	0.22	0.051
1901903	Soil	0.58	11.15	9.83	40.7	286	11.4	3.0	87	1.43	6.8	0.7	2.8	1.2	13.7	0.20	0.34	0.16	24	0.19	0.051
1901904	Soil	0.45	9.67	8.01	35.4	249	11.0	3.3	94	1.34	6.7	0.6	1.8	0.8	12.7	0.16	0.34	0.13	22	0.17	0.049
1901905	Soil	0.59	12.79	9.38	38.2	178	11.3	3.2	87	1.61	7.8	0.7	6.7	0.9	11.5	0.14	0.35	0.14	29	0.16	0.041
1901906	Soil	0.89	12.78	10.03	43.6	258	12.6	3.8	89	1.69	10.2	0.7	2.8	0.7	13.6	0.16	0.38	0.16	32	0.18	0.047
1901907	Soil	0.81	10.06	7.15	31.9	236	9.1	2.8	69	1.31	7.1	0.6	2.4	0.8	10.4	0.11	0.31	0.12	22	0.13	0.042
1901908	Soil	0.55	12.29	7.69	29.6	154	9.4	2.6	73	1.35	7.0	0.6	1.6	0.6	11.0	0.12	0.31	0.13	25	0.13	0.038
1901909	Soil	0.74	12.99	9.10	41.3	153	11.5	3.5	89	1.62	8.9	0.7	2.7	0.9	11.4	0.12	0.42	0.15	31	0.14	0.045
1901910	Soil	4.05	47.00	19.93	133.7	286	39.7	13.3	762	2.92	7.9	1.1	2.8	8.4	18.8	0.59	0.54	0.22	50	0.62	0.176
1901911	Soil	3.11	89.80	11.78	114.9	500	70.4	23.0	680	4.28	21.3	1.0	2.3	4.7	14.3	0.76	0.67	0.12	80	0.28	0.090
1901912	Soil	5.01	67.29	9.87	141.8	1075	49.6	8.6	262	2.80	<0.1	2.1	1.2	8.6	24.8	1.49	0.99	0.12	38	0.55	0.174
1901913	Soil	3.52	50.60	16.75	111.9	360	39.1	12.7	355	3.06	12.2	1.0	3.8	5.9	11.5	0.63	0.78	0.25	48	0.16	0.054
1901914	Soil	13.36	113.68	56.46	308.2	1740	85.6	20.9	972	4.34	2.8	1.9	4.3	8.5	12.1	2.44	1.43	0.37	31	0.26	0.164
1901915	Soil	5.21	60.73	11.61	87.6	153	36.7	17.2	815	3.49	15.7	1.5	1.9	2.5	15.9	0.46	0.59	0.46	58	0.17	0.092
1901916	Soil	1.69	25.48	29.42	118.5	540	20.6	12.8	388	2.48	13.2	1.1	2.9	2.0	14.5	0.36	0.64	0.24	47	0.16	0.056
1901917	Soil	2.48	23.46	15.74	87.1	236	20.0	11.5	692	2.13	10.6	0.9	3.1	3.6	15.7	0.38	0.48	0.16	34	0.19	0.068
1901918	Soil	0.97	13.26	19.21	84.0	294	15.2	7.6	256	1.77	8.5	0.6	9.8	2.1	12.4	0.37	0.47	0.16	34	0.14	0.044
1901919	Soil	1.40	21.46	25.99	98.6	399	18.0	9.7	479	2.10	9.4	0.9	3.4	1.9	12.9	0.52	0.47	0.19	37	0.14	0.052
1901920	Soil	1.47	17.54	31.85	90.8	385	16.7	12.0	603	2.18	12.5	0.8	18.4	2.0	12.4	0.44	0.55	0.21	42	0.14	0.050

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Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1901901	Soil	14.1	18.8	0.29	147.6	0.016	2	0.99	0.007	0.04	0.2	1.7	0.18	0.03	41	0.5	<0.02	3.4	0.98	<0.1	<0.02
1901902	Soil	13.3	17.8	0.27	128.0	0.014	2	0.95	0.008	0.04	0.2	1.4	0.18	0.05	62	0.4	<0.02	3.5	1.19	<0.1	0.07
1901903	Soil	14.3	18.7	0.27	137.2	0.015	1	0.97	0.007	0.04	0.2	1.7	0.19	0.04	50	0.4	<0.02	3.6	1.03	<0.1	<0.02
1901904	Soil	13.5	17.1	0.25	126.7	0.013	1	0.92	0.007	0.04	0.2	1.5	0.17	0.04	46	0.5	<0.02	3.3	1.10	<0.1	<0.02
1901905	Soil	14.5	18.5	0.27	109.4	0.016	2	0.99	0.006	0.04	0.3	1.4	0.17	0.03	58	0.4	0.02	3.4	0.72	<0.1	<0.02
1901906	Soil	13.9	19.5	0.29	119.5	0.016	1	1.05	0.006	0.04	0.2	1.6	0.18	0.04	67	0.5	<0.02	3.7	1.02	<0.1	<0.02
1901907	Soil	13.1	15.5	0.21	86.0	0.014	1	0.79	0.006	0.04	0.2	1.2	0.13	0.04	47	0.4	<0.02	3.0	0.91	<0.1	<0.02
1901908	Soil	14.3	16.7	0.22	100.2	0.014	2	0.88	0.006	0.04	0.3	1.1	0.15	0.03	45	0.5	0.02	3.2	0.85	<0.1	<0.02
1901909	Soil	15.3	18.9	0.27	98.9	0.017	1	0.97	0.006	0.04	0.3	1.5	0.15	0.02	41	0.4	0.03	3.3	0.76	<0.1	<0.02
1901910	Soil	35.7	40.5	0.94	187.3	0.044	2	1.67	0.009	0.09	0.1	4.5	0.36	<0.02	26	0.7	0.02	4.9	4.63	0.1	0.03
1901911	Soil	19.1	71.1	0.98	193.6	0.014	1	1.71	0.005	0.07	0.1	9.6	0.33	<0.02	24	0.7	0.03	5.2	4.23	<0.1	<0.02
1901912	Soil	25.1	62.9	1.33	123.6	0.039	2	1.41	0.010	0.08	<0.1	2.4	0.44	0.04	11	3.5	0.06	3.7	4.22	0.1	0.08
1901913	Soil	19.5	32.5	0.63	177.2	0.025	2	1.70	0.006	0.06	0.2	2.9	0.18	<0.02	23	1.2	0.05	4.6	2.18	<0.1	0.02
1901914	Soil	33.2	46.1	1.02	84.5	0.014	2	1.45	0.004	0.06	<0.1	2.0	0.35	<0.02	23	3.4	0.17	3.2	2.42	<0.1	0.04
1901915	Soil	22.6	36.6	0.82	202.7	0.024	2	1.89	0.008	0.07	0.2	3.0	0.25	0.03	19	0.5	0.05	5.6	3.58	<0.1	<0.02
1901916	Soil	17.8	29.9	0.43	213.4	0.016	2	1.51	0.007	0.05	0.2	2.9	0.36	0.03	57	0.8	0.03	4.6	2.06	<0.1	<0.02
1901917	Soil	20.0	22.9	0.43	146.4	0.020	1	1.06	0.005	0.04	0.4	2.3	0.20	<0.02	46	0.5	0.02	3.2	1.58	<0.1	<0.02
1901918	Soil	17.0	20.0	0.31	128.9	0.018	2	1.08	0.006	0.04	0.2	1.9	0.23	<0.02	37	0.4	<0.02	3.5	1.15	<0.1	<0.02
1901919	Soil	17.5	21.9	0.36	158.6	0.017	2	1.23	0.006	0.05	0.2	2.1	0.30	<0.02	52	0.4	0.02	3.6	1.56	<0.1	<0.02
1901920	Soil	18.9	22.7	0.33	151.3	0.017	2	1.14	0.006	0.04	0.4	2.0	0.28	<0.02	52	0.4	0.02	3.6	1.35	<0.1	<0.02

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Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1901901	Soil	0.56	6.9	0.4	<0.05	0.1	3.27	27.4	<0.02	<1	0.2	12.4	<10	<2
1901902	Soil	0.58	8.4	0.8	<0.05	3.3	2.70	25.2	<0.02	<1	<0.1	10.2	<10	<2
1901903	Soil	0.60	7.1	0.5	<0.05	0.3	3.08	27.2	<0.02	<1	0.2	11.2	<10	<2
1901904	Soil	0.55	8.1	0.4	<0.05	0.3	2.79	25.8	<0.02	<1	<0.1	10.1	<10	<2
1901905	Soil	0.56	4.6	0.4	<0.05	0.2	2.76	27.8	<0.02	<1	0.1	10.2	<10	<2
1901906	Soil	0.61	7.2	0.4	<0.05	0.2	2.95	27.1	<0.02	<1	0.1	10.9	<10	<2
1901907	Soil	0.55	7.0	0.4	<0.05	0.2	2.31	25.0	<0.02	<1	<0.1	8.0	<10	<2
1901908	Soil	0.54	5.8	0.4	<0.05	0.3	2.54	26.8	<0.02	<1	0.1	8.7	<10	<2
1901909	Soil	0.55	5.4	0.4	<0.05	0.2	3.05	29.0	<0.02	<1	0.1	10.5	<10	<2
1901910	Soil	0.18	15.0	0.7	<0.05	2.6	19.56	57.0	0.02	<1	0.6	28.2	<10	<2
1901911	Soil	0.16	12.6	0.3	<0.05	0.8	14.68	32.6	0.03	<1	0.7	21.1	<10	4
1901912	Soil	0.05	9.7	0.4	<0.05	6.1	17.45	37.8	<0.02	<1	0.6	20.5	<10	<2
1901913	Soil	0.45	10.9	0.5	<0.05	1.3	5.02	37.9	0.03	<1	0.6	21.5	<10	<2
1901914	Soil	0.09	8.1	0.5	<0.05	2.4	11.79	62.2	0.06	2	0.5	21.5	<10	<2
1901915	Soil	0.36	15.0	0.7	<0.05	0.6	7.26	42.7	0.03	<1	0.5	25.1	<10	<2
1901916	Soil	0.52	11.1	0.6	<0.05	0.3	4.65	34.0	0.03	<1	0.3	20.7	<10	<2
1901917	Soil	0.30	7.8	0.4	<0.05	0.3	5.37	39.0	<0.02	<1	0.3	14.4	<10	<2
1901918	Soil	0.47	8.1	0.5	<0.05	0.2	3.48	32.6	0.03	<1	0.2	14.6	<10	<2
1901919	Soil	0.40	9.3	0.5	<0.05	0.1	4.81	34.4	0.02	<1	0.3	16.3	<10	<2
1901920	Soil	0.39	7.9	0.5	<0.05	0.3	4.13	35.7	0.02	<1	0.2	15.2	<10	<2

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Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Pulp Duplicates																					
1901628	Soil	1.10	16.53	20.09	57.7	415	14.0	4.6	121	1.59	8.4	0.6	3.8	0.4	16.2	0.53	0.49	0.18	29	0.20	0.043
REP 1901628	QC	1.09	16.22	20.07	57.3	406	13.9	4.6	122	1.58	8.5	0.6	2.5	0.4	16.4	0.54	0.49	0.18	29	0.20	0.042
1901664	Soil	1.69	14.30	11.96	44.7	393	11.3	4.7	297	1.69	8.5	0.7	5.4	2.3	19.9	0.08	1.54	0.18	25	0.08	0.053
REP 1901664	QC	1.69	14.53	12.18	44.2	384	11.3	4.8	288	1.72	8.6	0.7	1.6	2.8	20.1	0.09	1.50	0.19	24	0.08	0.054
1901700	Soil	2.52	23.79	14.85	92.6	408	19.2	9.0	539	2.49	15.1	1.4	1.4	4.7	29.9	0.52	1.99	0.35	31	0.13	0.094
REP 1901700	QC	2.51	25.16	15.19	87.8	431	19.3	9.0	552	2.49	14.9	1.4	2.1	5.0	29.8	0.52	2.03	0.37	31	0.13	0.096
1901736	Soil	2.07	26.12	26.93	159.2	172	23.3	9.7	659	2.45	12.3	1.0	7.0	4.7	16.7	1.25	0.63	0.22	39	0.23	0.063
REP 1901736	QC	2.02	25.47	26.46	155.9	166	23.0	9.7	630	2.43	12.1	0.9	9.9	4.7	16.6	1.18	0.61	0.21	40	0.23	0.057
1901772	Soil	1.50	30.57	47.46	285.1	469	28.7	7.9	680	2.20	76.7	1.2	3.8	6.2	14.3	1.02	1.99	0.19	27	0.08	0.057
REP 1901772	QC	1.46	28.86	45.86	276.0	451	28.2	7.8	659	2.17	72.4	1.1	3.6	6.1	13.1	1.02	1.97	0.22	27	0.07	0.057
1901808	Soil	1.07	13.83	8.54	32.1	143	8.8	2.1	77	1.47	13.9	0.5	3.6	1.1	6.3	0.22	0.58	0.25	39	0.03	0.040
REP 1901808	QC	1.16	14.17	8.87	33.4	135	8.9	2.1	77	1.49	14.0	0.5	5.2	1.1	6.8	0.20	0.65	0.25	39	0.03	0.043
1901844	Soil	1.75	34.86	11.80	77.0	484	25.0	8.4	287	2.33	11.4	0.9	5.7	3.2	14.3	0.14	0.49	0.29	29	0.10	0.064
REP 1901844	QC	1.89	36.70	12.31	80.5	501	25.8	8.7	304	2.35	12.4	1.0	6.6	3.5	14.7	0.14	0.51	0.31	30	0.10	0.068
1901880	Soil	1.37	23.65	10.61	73.2	143	18.3	6.5	310	1.87	8.6	0.7	2.7	2.1	12.5	0.32	0.65	0.16	35	0.16	0.050
REP 1901880	QC	1.39	24.53	10.60	77.4	141	19.1	6.8	308	1.91	8.9	0.7	2.6	2.2	12.9	0.33	0.65	0.17	36	0.16	0.051
1901896	Soil	1.26	11.32	9.65	56.3	222	16.7	6.2	130	2.02	10.9	0.6	4.1	0.6	11.5	0.23	0.55	0.16	35	0.13	0.053
REP 1901896	QC	1.37	12.92	10.07	59.0	251	18.6	6.5	132	2.04	11.7	0.7	3.1	0.6	12.0	0.27	0.57	0.18	34	0.13	0.054
Reference Materials																					
STD BVGEO01	Standard	10.88	4336.57	185.38	1810.1	2719	157.4	23.5	690	3.75	121.4	3.9	222.0	16.9	56.8	6.64	3.26	25.69	73	1.38	0.070
STD BVGEO01	Standard	11.11	4303.11	189.56	1695.7	2390	150.9	24.4	745	3.65	112.7	3.7	205.7	16.0	50.2	6.12	3.25	23.68	73	1.26	0.070
STD BVGEO01	Standard	10.69	4120.10	179.49	1655.2	2373	148.6	22.7	693	3.54	110.2	3.6	204.0	15.8	53.0	5.89	3.70	22.82	72	1.26	0.065
STD BVGEO01	Standard	10.72	4301.63	180.81	1675.3	2508	151.6	23.8	710	3.60	116.1	3.5	228.9	14.6	53.8	6.17	3.71	23.82	70	1.28	0.070
STD DS11	Standard	14.87	154.51	140.80	336.7	1662	81.3	13.8	1001	3.04	43.6	2.6	57.7	8.9	64.5	2.29	8.75	11.76	50	1.02	0.069
STD DS11	Standard	15.41	150.55	135.90	331.7	1620	80.6	13.4	1044	3.08	42.5	2.6	67.8	8.5	67.9	2.22	8.72	11.27	49	1.07	0.068
STD DS11	Standard	14.11	143.42	133.86	322.4	1580	76.1	13.0	993	2.99	42.2	2.4	76.3	7.9	62.1	2.14	8.17	11.26	46	1.02	0.070
STD DS11	Standard	14.30	154.16	133.64	319.2	1552	76.6	13.4	954	2.95	39.7	2.5	64.4	8.4	61.7	2.14	8.43	10.56	48	1.02	0.064
STD DS11	Standard	15.57	155.57	134.47	325.5	1537	81.9	14.7	975	2.97	39.6	2.5	90.5	8.7	63.5	2.12	8.08	10.65	50	1.01	0.063

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1901628	Soil	11.1	16.5	0.29	220.4	0.012	<1	1.00	0.006	0.04	0.2	1.1	0.20	0.02	61	0.3	0.02	3.5	0.86	<0.1	<0.02
REP 1901628	QC	11.3	16.4	0.29	226.0	0.013	<1	1.00	0.006	0.04	0.2	1.0	0.21	0.02	49	0.3	0.03	3.6	0.88	<0.1	<0.02
1901664	Soil	19.8	15.6	0.30	63.1	0.012	<1	0.82	0.003	0.03	0.2	1.0	0.93	<0.02	29	0.3	0.04	2.8	1.01	<0.1	<0.02
REP 1901664	QC	20.0	15.5	0.30	63.8	0.010	<1	0.81	0.003	0.03	0.2	1.1	0.96	<0.02	31	0.3	0.04	2.7	1.03	<0.1	<0.02
1901700	Soil	23.7	22.2	0.48	160.4	0.013	<1	1.21	0.005	0.05	0.2	1.9	1.40	0.02	62	0.5	0.04	4.0	1.54	<0.1	<0.02
REP 1901700	QC	23.8	22.1	0.48	162.5	0.012	<1	1.21	0.004	0.05	0.3	1.7	1.42	0.02	56	0.6	0.05	4.1	1.54	<0.1	<0.02
1901736	Soil	17.0	26.2	0.43	180.6	0.017	<1	1.35	0.005	0.05	0.3	2.5	0.26	<0.02	32	0.4	0.03	4.1	1.56	<0.1	<0.02
REP 1901736	QC	16.3	26.3	0.43	173.9	0.017	<1	1.36	0.005	0.05	0.2	2.6	0.26	<0.02	31	0.3	0.03	4.0	1.52	<0.1	<0.02
1901772	Soil	26.3	23.9	0.26	151.4	0.020	<1	1.02	0.004	0.03	1.0	2.6	0.26	<0.02	23	0.6	0.04	2.9	0.98	<0.1	<0.02
REP 1901772	QC	24.7	23.6	0.25	143.1	0.018	<1	0.98	0.004	0.03	1.0	2.6	0.25	<0.02	24	0.6	0.04	2.6	0.96	<0.1	<0.02
1901808	Soil	15.6	12.1	0.08	36.8	0.021	1	0.57	0.003	0.02	0.2	0.6	0.07	<0.02	20	0.2	0.07	4.5	1.57	<0.1	<0.02
REP 1901808	QC	17.9	13.0	0.10	37.4	0.021	2	0.59	0.004	0.02	0.2	0.8	0.07	<0.02	22	0.1	0.05	4.9	1.71	<0.1	<0.02
1901844	Soil	16.4	22.2	0.35	99.6	0.015	<1	1.00	0.005	0.04	0.1	1.3	0.08	<0.02	44	0.6	0.06	3.2	2.18	<0.1	<0.02
REP 1901844	QC	17.6	23.7	0.35	107.3	0.015	<1	1.00	0.004	0.04	0.2	1.4	0.09	<0.02	49	0.6	0.06	3.4	2.30	<0.1	<0.02
1901880	Soil	16.9	20.7	0.36	170.7	0.017	<1	1.25	0.005	0.04	0.3	2.1	0.17	<0.02	30	0.2	0.03	3.7	1.11	<0.1	<0.02
REP 1901880	QC	17.4	21.6	0.36	174.3	0.017	<1	1.29	0.006	0.04	0.2	2.2	0.16	<0.02	34	0.3	0.03	3.8	1.13	<0.1	<0.02
1901896	Soil	15.3	18.9	0.31	138.6	0.013	<1	1.06	0.005	0.04	0.3	1.2	0.15	<0.02	44	0.6	0.02	3.5	0.99	<0.1	<0.02
REP 1901896	QC	17.0	20.2	0.32	147.3	0.014	2	1.07	0.005	0.04	0.2	1.2	0.15	<0.02	56	0.7	0.02	3.7	1.06	<0.1	<0.02
Reference Materials																					
STD BVGEO01	Standard	27.2	186.5	1.28	270.8	0.229	6	2.34	0.196	0.88	5.1	5.6	0.62	0.62	84	5.1	1.04	6.8	6.84	0.2	0.29
STD BVGEO01	Standard	24.6	178.9	1.28	298.5	0.217	4	2.25	0.180	0.88	4.4	5.9	0.63	0.66	90	4.8	1.04	7.3	7.32	0.2	0.26
STD BVGEO01	Standard	24.4	187.6	1.25	264.6	0.216	3	2.24	0.189	0.85	5.1	5.8	0.63	0.64	88	4.6	1.04	7.3	7.27	0.2	0.34
STD BVGEO01	Standard	24.3	181.3	1.28	289.9	0.219	3	2.30	0.191	0.86	5.4	6.3	0.63	0.66	90	4.9	1.02	7.5	7.12	0.2	0.29
STD DS11	Standard	17.2	58.6	0.87	357.7	0.085	7	1.14	0.071	0.39	3.1	3.2	5.10	0.27	243	2.1	4.78	5.1	2.84	<0.1	0.05
STD DS11	Standard	18.6	59.1	0.85	367.3	0.089	8	1.22	0.077	0.40	3.0	3.3	4.97	0.26	254	2.2	4.71	5.0	2.98	<0.1	0.06
STD DS11	Standard	16.4	54.7	0.82	344.8	0.081	7	1.13	0.069	0.38	3.1	3.1	4.85	0.27	236	2.2	4.53	4.9	2.87	<0.1	0.06
STD DS11	Standard	18.2	61.4	0.85	328.0	0.095	8	1.16	0.072	0.39	2.7	3.3	4.55	0.26	242	1.9	4.34	4.6	2.86	0.1	0.03
STD DS11	Standard	18.3	60.1	0.87	344.0	0.097	8	1.17	0.071	0.39	2.9	2.8	4.70	0.26	222	2.3	4.29	4.9	2.78	0.1	0.05

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
1901628	Soil	0.37	6.3	0.4	<0.05	0.2	3.33	23.0	0.02	<1	0.2	10.1	<10	<2
REP 1901628	QC	0.39	6.4	0.4	<0.05	0.1	3.29	23.0	0.02	<1	0.2	10.2	<10	<2
1901664	Soil	0.19	5.2	0.3	<0.05	0.2	4.03	39.4	<0.02	<1	0.1	11.5	<10	<2
REP 1901664	QC	0.14	5.1	0.3	<0.05	0.2	4.03	39.0	<0.02	<1	<0.1	11.6	<10	<2
1901700	Soil	0.30	10.3	0.5	<0.05	0.5	5.13	49.3	0.09	<1	0.3	21.9	<10	<2
REP 1901700	QC	0.30	10.1	0.5	<0.05	0.4	5.05	49.2	0.09	<1	0.3	22.7	<10	<2
1901736	Soil	0.44	11.3	0.7	<0.05	0.5	5.53	34.1	0.03	<1	0.4	18.9	<10	<2
REP 1901736	QC	0.54	11.6	0.8	<0.05	0.5	5.37	33.7	0.03	<1	0.4	19.0	<10	<2
1901772	Soil	0.22	5.0	0.6	<0.05	0.7	10.63	51.3	0.04	<1	0.3	12.8	<10	<2
REP 1901772	QC	0.19	4.6	0.6	<0.05	0.4	10.14	47.6	0.03	<1	0.3	12.1	<10	<2
1901808	Soil	0.46	4.4	0.7	<0.05	0.3	2.12	32.6	<0.02	<1	<0.1	3.5	<10	<2
REP 1901808	QC	0.51	4.8	0.7	<0.05	0.3	2.24	32.8	<0.02	<1	<0.1	3.7	<10	<2
1901844	Soil	0.29	5.1	0.3	<0.05	0.6	4.03	30.5	0.05	<1	0.2	14.2	<10	<2
REP 1901844	QC	0.29	5.3	0.3	<0.05	0.5	4.17	31.9	0.07	<1	0.2	14.8	<10	<2
1901880	Soil	0.31	8.5	0.6	<0.05	0.2	4.66	33.9	0.03	<1	0.3	15.9	<10	<2
REP 1901880	QC	0.32	9.0	0.7	<0.05	0.3	4.78	35.1	0.02	<1	0.4	16.7	<10	<2
1901896	Soil	0.33	6.7	0.3	<0.05	0.1	3.76	30.7	<0.02	<1	0.1	12.2	<10	<2
REP 1901896	QC	0.38	7.0	0.3	<0.05	0.2	4.08	33.1	<0.02	<1	0.1	12.9	<10	<2
Reference Materials														
STD BVGEO01	Standard	0.38	83.6	5.3	<0.05	7.7	14.28	54.9	0.47	3	0.5	21.3	99	183
STD BVGEO01	Standard	0.28	94.3	5.5	<0.05	6.9	14.00	54.4	0.48	3	0.6	19.8	147	171
STD BVGEO01	Standard	0.40	92.7	5.3	<0.05	7.2	13.70	52.8	0.44	3	0.6	19.2	145	171
STD BVGEO01	Standard	0.43	94.5	5.6	<0.05	7.5	13.93	53.6	0.49	4	0.7	20.2	142	178
STD DS11	Standard	1.49	33.8	1.8	<0.05	2.5	7.79	36.2	0.25	49	0.6	22.4	114	172
STD DS11	Standard	1.61	33.8	1.8	<0.05	2.3	7.98	39.0	0.25	44	0.7	22.0	107	162
STD DS11	Standard	1.35	33.2	1.7	<0.05	2.3	7.54	35.2	0.25	43	0.7	22.0	100	165
STD DS11	Standard	1.44	32.5	1.7	<0.05	2.0	7.68	36.6	0.22	43	0.6	22.2	109	156
STD DS11	Standard	1.52	32.5	1.5	<0.05	2.1	7.79	36.8	0.20	38	0.7	22.3	96	147

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

		AQ251 Mo ppm 0.01	AQ251 Cu ppm 0.01	AQ251 Pb ppm 0.01	AQ251 Zn ppm 0.1	AQ251 Ag ppb 2	AQ251 Ni ppm 0.1	AQ251 Co ppm 0.1	AQ251 Mn ppm 1	AQ251 Fe % 0.01	AQ251 As ppm 0.1	AQ251 U ppm 0.1	AQ251 Au ppb 0.2	AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 1	AQ251 Ca % 0.01	AQ251 P % 0.001
STD OREAS262	Standard	0.62	117.44	59.47	150.2	474	61.4	26.0	496	3.29	36.8	1.3	57.1	10.7	34.6	0.61	4.92	1.12	22	3.02	0.041
STD OREAS262	Standard	0.71	113.66	56.73	148.1	460	65.6	27.3	534	3.23	35.8	1.2	67.4	9.9	33.3	0.62	5.57	1.00	23	3.00	0.040
STD OREAS262	Standard	0.66	112.34	56.19	147.6	441	65.3	26.4	538	3.19	35.7	1.2	72.1	10.2	33.6	0.61	5.78	1.00	23	3.01	0.039
STD OREAS262	Standard	0.67	112.86	54.73	142.5	429	62.8	26.4	538	3.16	35.3	1.2	68.2	9.8	31.8	0.59	5.19	0.99	25	2.89	0.039
STD OREAS262	Standard	0.67	113.64	55.18	141.7	422	64.1	26.2	525	3.16	33.9	1.2	68.5	9.8	31.8	0.57	5.50	0.96	26	2.87	0.037
STD OREAS262	Standard	0.65	108.16	54.69	145.4	447	62.4	25.1	516	3.17	35.7	1.1	69.3	9.5	33.5	0.61	5.55	0.98	21	3.01	0.038
STD OREAS262	Standard	0.63	118.61	55.40	147.8	431	64.0	27.9	521	3.14	34.0	1.2	68.6	10.0	33.9	0.60	5.63	0.95	23	2.89	0.038
STD OREAS262	Standard	0.69	120.26	54.73	139.6	413	65.4	28.9	514	3.12	32.5	1.2	58.6	9.9	31.0	0.60	5.42	0.95	22	2.82	0.040
STD OREAS262	Standard	0.66	109.49	54.83	144.2	463	63.0	26.2	530	3.16	36.1	1.2	82.5	9.6	34.2	0.66	5.76	1.04	22	2.85	0.039
STD DS11 Expected		14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD BVGEO01 Expected		11.2	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	0.02	<0.1	4	<0.1	<0.1	<1	0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.35	0.2	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.02	<0.01	0.2	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	0.6	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

		AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	AQ251 Cs ppm 0.02	AQ251 Ge ppm 0.1	AQ251 Hf ppm 0.02
STD OREAS262	Standard	16.6	42.0	1.14	247.2	0.003	5	1.35	0.067	0.31	0.2	2.9	0.47	0.24	170	0.4	0.21	3.6	2.62	<0.1	0.17
STD OREAS262	Standard	15.5	42.5	1.16	250.0	0.003	4	1.30	0.066	0.31	0.2	3.4	0.50	0.26	155	0.5	0.22	4.1	2.96	<0.1	0.21
STD OREAS262	Standard	16.6	43.0	1.16	248.2	0.002	4	1.38	0.068	0.34	0.2	3.4	0.48	0.24	149	0.4	0.24	4.1	3.15	<0.1	0.20
STD OREAS262	Standard	14.3	39.8	1.15	234.5	0.002	5	1.30	0.066	0.29	0.2	3.1	0.46	0.24	162	0.4	0.23	3.8	3.01	<0.1	0.18
STD OREAS262	Standard	16.2	41.9	1.12	236.3	0.002	4	1.46	0.066	0.33	0.2	3.2	0.48	0.24	162	0.4	0.24	4.1	3.11	<0.1	0.21
STD OREAS262	Standard	14.5	40.1	1.15	239.7	0.003	4	1.25	0.066	0.29	0.2	3.2	0.46	0.25	162	0.4	0.22	3.8	2.93	<0.1	0.18
STD OREAS262	Standard	18.2	46.5	1.13	244.6	0.003	5	1.45	0.067	0.35	0.2	3.3	0.48	0.25	156	0.5	0.23	3.9	3.08	<0.1	0.16
STD OREAS262	Standard	15.9	43.7	1.16	234.5	0.003	3	1.33	0.066	0.32	0.2	3.1	0.45	0.25	137	0.4	0.24	3.9	2.91	<0.1	0.19
STD OREAS262	Standard	16.8	42.0	1.13	248.1	0.003	4	1.41	0.066	0.32	0.2	3.5	0.50	0.24	160	0.4	0.22	4.1	3.15	<0.1	0.20
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88	0.08	0.06
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	5.97	0.62	0.6655	100	4.84	1.02	7.37	7.36	0.15	0.32
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	2.8		0.27
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000139.1

		AQ251 Nb ppm 0.02	AQ251 Rb ppm 0.1	AQ251 Sn ppm 0.1	AQ251 Ta ppm 0.05	AQ251 Zr ppm 0.1	AQ251 Y ppm 0.01	AQ251 Ce ppm 0.1	AQ251 In ppm 0.02	AQ251 Re ppb 1	AQ251 Be ppm 0.1	AQ251 Li ppm 0.1	AQ251 Pd ppb 10	AQ251 Pt ppb 2
STD OREAS262	Standard	<0.02	17.5	0.6	<0.05	8.0	10.40	35.0	0.03	2	1.1	17.5	12	<2
STD OREAS262	Standard	<0.02	19.2	0.5	<0.05	7.6	10.62	32.5	0.03	2	1.0	16.4	<10	<2
STD OREAS262	Standard	<0.02	20.6	0.6	<0.05	8.0	10.38	34.2	0.03	1	1.2	17.5	<10	<2
STD OREAS262	Standard	<0.02	17.8	0.5	<0.05	7.7	10.20	29.8	0.03	<1	1.1	17.6	<10	<2
STD OREAS262	Standard	<0.02	19.8	0.5	<0.05	8.0	10.27	34.5	0.03	<1	1.0	16.3	<10	<2
STD OREAS262	Standard	<0.02	17.8	0.5	<0.05	7.8	10.28	30.8	0.03	<1	1.0	16.5	<10	<2
STD OREAS262	Standard	<0.02	21.0	0.6	<0.05	7.1	10.26	36.9	0.03	<1	1.0	17.5	<10	<2
STD OREAS262	Standard	<0.02	18.9	0.5	<0.05	7.6	10.34	32.7	0.03	2	1.1	15.9	<10	<2
STD OREAS262	Standard	0.04	20.6	0.6	<0.05	8.3	10.73	35.3	0.04	<1	1.1	17.3	<10	<2
STD DS11 Expected		1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172
STD BVGEO01 Expected		0.23	95	5.64		9.1	14.5	53	0.47	4	0.69	21.4	134	182
STD OREAS262 Expected			18.6	0.5		11.7	11.2	32	0.033		1.14	17.8		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: July 03, 2019
Report Date: July 26, 2019
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI19000140.1

CLIENT JOB INFORMATION

Project:	Haldane
Shipment ID:	ANZ19-01_001
P.O. Number	ANZ19-01
Number of Samples:	91

SAMPLE DISPOSAL

RTRN-PLP	Return After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	91	Dry at 60C			WHI
SS80	91	Dry at 60C sieve 100g to -80 mesh			WHI
AQ251_EXT	91	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	91	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901921	Soil		1.58	30.81	25.13	90.0	529	20.2	8.9	355	2.10	9.9	1.1	3.0	0.7	13.7	0.76	0.54	0.26	38	0.13	0.057
1901922	Soil		1.17	20.78	27.39	74.9	463	17.6	8.2	270	2.09	11.1	0.8	2.4	1.2	14.2	0.43	0.48	0.21	38	0.14	0.053
1901923	Soil		0.78	12.22	18.21	58.0	275	12.4	4.0	98	1.47	8.5	0.6	7.2	1.1	9.8	0.27	0.32	0.16	28	0.10	0.041
1901924	Soil		0.63	18.21	15.78	43.7	289	11.5	3.6	100	1.90	10.8	0.7	2.8	0.9	9.6	0.23	0.35	0.18	33	0.09	0.040
1901925	Soil		0.72	18.87	11.37	39.6	272	11.9	3.1	95	1.56	9.1	0.7	5.0	0.6	9.3	0.16	0.34	0.18	27	0.10	0.045
1901926	Soil		0.70	16.08	11.58	35.7	228	10.1	2.7	74	1.50	7.9	0.7	3.3	0.5	9.9	0.17	0.32	0.18	29	0.11	0.043
1901927	Soil		0.75	16.24	13.01	37.5	275	12.0	3.4	78	1.59	10.9	0.7	3.9	0.5	9.6	0.26	0.35	0.21	36	0.11	0.039
1901928	Soil		0.74	12.13	9.90	36.5	219	10.6	2.9	78	1.31	6.5	0.6	4.7	0.5	9.3	0.17	0.28	0.17	26	0.11	0.038
1901929	Soil		0.76	13.34	12.28	36.9	230	10.8	3.0	83	1.42	8.0	0.6	2.6	0.8	10.4	0.11	0.35	0.20	28	0.13	0.042
1901930	Soil		0.54	14.60	9.98	34.3	177	10.1	2.8	81	1.35	6.7	0.7	2.2	0.5	10.5	0.14	0.29	0.17	25	0.13	0.037
1901931	Soil		0.85	14.48	9.25	40.0	225	11.8	3.4	102	1.54	7.0	0.7	2.6	0.6	11.7	0.18	0.31	0.18	25	0.13	0.043
1901932	Soil		1.09	18.85	13.32	59.9	300	15.6	5.0	139	1.81	9.3	0.7	3.4	1.2	11.9	0.29	0.46	0.22	29	0.14	0.059
1901933	Soil		1.25	18.92	16.12	60.2	191	15.1	7.2	237	1.84	9.5	0.7	1.6	2.7	18.0	0.24	0.54	0.21	34	0.20	0.046
1901934	Soil		1.77	25.22	21.45	71.3	498	19.0	8.0	259	2.07	11.7	0.9	3.3	1.6	22.5	0.29	0.64	0.31	42	0.21	0.059
1901935	Soil		1.86	32.29	27.22	69.6	516	19.9	12.4	489	2.30	13.5	1.2	3.3	0.8	22.5	0.39	0.57	0.38	47	0.27	0.068
1901936	Soil		0.88	15.00	11.69	45.5	165	12.9	4.2	123	1.67	8.2	0.7	3.8	3.4	15.1	0.09	0.37	0.18	34	0.18	0.030
1901937	Soil		0.97	25.48	9.70	66.1	140	18.5	6.7	194	1.89	7.5	1.1	9.8	4.2	16.0	0.10	0.56	0.17	35	0.19	0.046
1901938	Soil		1.19	21.49	12.61	68.0	174	16.9	6.8	186	1.93	9.2	1.0	3.7	5.1	18.6	0.19	0.54	0.18	32	0.21	0.046
1901939	Soil		0.94	20.63	12.74	50.4	205	15.1	4.9	154	1.78	8.1	0.9	1.9	2.2	20.5	0.18	0.32	0.20	36	0.22	0.032
1901940	Soil		1.03	25.50	13.16	60.9	320	17.5	5.4	158	1.82	9.0	1.1	2.2	1.3	26.5	0.29	0.35	0.21	34	0.28	0.045
1901941	Soil		0.71	22.26	12.99	63.8	154	19.9	7.8	206	1.90	8.2	1.0	4.0	4.7	17.7	0.16	0.44	0.17	30	0.25	0.049
1901942	Soil		0.94	18.12	15.86	63.0	302	15.0	11.6	986	1.68	7.5	0.9	1.9	2.8	24.1	0.54	0.36	0.17	30	0.42	0.044
1901943	Soil		0.76	21.83	13.85	72.4	252	18.4	8.1	377	1.66	7.5	0.9	6.3	3.6	31.3	0.46	0.42	0.17	29	0.58	0.040
1901944	Soil		0.95	28.40	17.01	83.0	355	18.3	7.6	366	1.72	8.0	1.0	3.2	3.0	27.0	0.51	0.54	0.20	31	0.45	0.052
1901945	Soil		1.80	45.50	20.73	126.6	777	26.2	12.1	1767	2.31	12.0	1.7	2.3	3.3	40.1	1.31	0.84	0.24	34	0.70	0.075
1901946	Soil		0.73	20.34	12.41	49.8	189	13.0	5.3	268	1.45	5.4	1.0	2.9	3.0	14.5	0.09	0.31	0.15	28	0.20	0.030
1901947	Soil		0.80	18.19	19.82	75.4	252	16.3	8.1	275	1.72	8.5	1.1	10.6	3.4	15.5	0.20	0.58	0.19	35	0.19	0.049
1901948	Soil		0.78	15.50	13.72	56.5	258	14.8	5.2	107	1.57	5.9	0.8	2.6	0.9	17.5	0.23	0.36	0.15	31	0.23	0.048
1901949	Soil		0.88	23.62	18.83	78.0	266	19.8	8.3	194	2.03	8.2	1.1	3.8	3.5	15.6	0.33	0.61	0.21	38	0.17	0.045
1901950	Soil		0.77	19.37	17.61	67.2	301	17.4	6.1	105	1.87	7.0	1.0	3.7	1.3	17.6	0.13	0.41	0.17	37	0.24	0.048

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
1901921	Soil		17.1	22.5	0.29	240.8	0.010	<1	1.18	0.006	0.05	0.2	1.8	0.37	0.03	60	0.6	0.05	3.4	0.7
1901922	Soil		15.3	21.6	0.29	220.6	0.012	2	1.15	0.007	0.04	0.2	1.6	0.21	0.03	52	0.5	<0.02	3.7	0.5
1901923	Soil		14.8	17.9	0.26	111.9	0.014	2	0.93	0.005	0.03	0.3	1.2	0.16	<0.02	50	0.3	<0.02	3.1	0.4
1901924	Soil		12.3	19.4	0.24	125.1	0.012	2	0.99	0.006	0.04	0.2	1.2	0.17	0.03	53	0.6	0.02	3.4	0.5
1901925	Soil		14.1	19.4	0.24	101.9	0.012	2	0.91	0.005	0.04	0.2	1.0	0.20	0.02	50	0.5	0.03	3.4	0.5
1901926	Soil		13.2	18.3	0.23	100.1	0.012	2	0.86	0.005	0.03	0.3	1.0	0.18	0.02	48	0.4	0.02	3.2	0.4
1901927	Soil		13.3	19.1	0.26	132.3	0.011	2	0.99	0.005	0.04	0.2	1.0	0.17	0.02	54	0.4	<0.02	3.2	0.4
1901928	Soil		12.9	16.3	0.24	99.6	0.012	1	0.81	0.004	0.03	0.2	1.1	0.14	<0.02	40	0.3	0.02	3.0	0.3
1901929	Soil		13.4	17.0	0.26	100.1	0.013	1	0.85	0.005	0.03	0.3	1.2	0.16	<0.02	60	0.4	0.02	2.8	0.3
1901930	Soil		13.5	16.2	0.25	103.8	0.010	1	0.84	0.005	0.03	0.2	1.0	0.14	0.02	38	0.3	0.03	2.7	0.3
1901931	Soil		13.6	17.3	0.26	130.8	0.011	2	0.90	0.007	0.03	0.1	1.3	0.17	0.03	54	0.4	<0.02	2.9	0.5
1901932	Soil		15.6	20.1	0.33	139.4	0.014	1	0.97	0.006	0.04	0.3	1.7	0.16	0.02	51	0.4	0.03	3.0	0.5
1901933	Soil		16.8	22.4	0.35	168.2	0.016	<1	1.11	0.005	0.05	0.3	1.9	0.45	<0.02	36	0.2	0.03	3.5	0.6
1901934	Soil		15.9	25.9	0.36	262.4	0.011	2	1.41	0.007	0.07	0.2	2.4	0.63	0.03	72	0.3	0.04	4.4	0.7
1901935	Soil		15.3	27.0	0.38	273.8	0.011	2	1.43	0.007	0.07	0.2	1.9	0.43	0.03	80	0.4	0.04	4.2	0.8
1901936	Soil		17.5	21.3	0.34	159.0	0.019	1	1.18	0.006	0.04	0.2	1.9	0.19	<0.02	28	0.1	0.03	3.9	0.4
1901937	Soil		18.0	25.1	0.43	207.8	0.026	2	1.26	0.006	0.05	0.2	2.6	0.24	<0.02	30	0.3	0.04	3.7	0.4
1901938	Soil		20.3	23.9	0.41	177.0	0.018	1	1.20	0.005	0.04	0.2	2.1	0.27	<0.02	49	0.3	0.02	3.5	0.4
1901939	Soil		17.3	23.9	0.37	202.4	0.014	1	1.31	0.006	0.05	0.2	2.0	0.25	<0.02	26	0.2	0.03	4.4	0.5
1901940	Soil		18.4	25.7	0.40	229.3	0.013	1	1.32	0.007	0.06	0.1	1.7	0.36	0.02	35	0.2	0.03	4.7	0.4
1901941	Soil		19.2	22.3	0.42	226.6	0.016	<1	1.27	0.007	0.05	0.2	2.5	0.11	<0.02	29	0.2	<0.02	3.6	0.4
1901942	Soil		14.7	18.7	0.29	248.8	0.011	1	1.07	0.007	0.05	0.2	2.1	0.20	0.03	48	0.3	<0.02	3.2	0.4
1901943	Soil		14.5	20.0	0.35	291.9	0.008	<1	1.07	0.006	0.05	0.2	2.3	0.18	0.03	38	0.3	<0.02	3.1	0.4
1901944	Soil		16.5	20.4	0.33	298.1	0.011	1	1.17	0.008	0.06	0.2	2.6	0.27	0.04	52	0.5	0.03	3.3	0.5
1901945	Soil		19.0	23.7	0.39	422.9	0.007	1	1.42	0.008	0.07	0.2	3.1	0.43	0.05	89	0.7	0.03	3.7	0.5
1901946	Soil		18.0	18.1	0.27	302.8	0.011	1	1.17	0.005	0.04	0.1	2.3	0.21	<0.02	46	0.3	<0.02	3.8	0.4
1901947	Soil		17.2	21.9	0.34	323.1	0.010	2	1.29	0.006	0.05	0.2	2.6	0.19	0.03	56	0.4	0.03	3.6	0.4
1901948	Soil		13.3	20.1	0.32	210.7	0.012	1	1.14	0.007	0.05	0.1	1.6	0.17	0.02	54	0.3	<0.02	3.5	0.4
1901949	Soil		17.7	24.9	0.41	288.3	0.011	1	1.40	0.007	0.05	0.2	2.9	0.25	<0.02	35	0.3	0.03	4.1	0.5
1901950	Soil		14.2	24.7	0.38	253.8	0.011	<1	1.44	0.006	0.05	0.2	2.0	0.15	<0.02	44	0.3	0.02	4.2	0.4

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Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901951	Soil		0.67	16.21	17.84	60.9	327	15.6	5.1	107	1.72	6.9	0.9	2.2	1.6	19.4	0.18	0.37	0.16	30	0.26	0.048
1901952	Soil		2.36	133.55	829.18	209.6	14578	44.4	21.7	1107	3.49	64.2	1.2	18.2	5.4	21.4	1.66	4.46	0.28	64	0.25	0.068
1901953	Soil		1.89	127.48	140.87	124.8	2003	44.8	27.6	1138	4.23	38.6	1.1	6.3	6.1	28.6	0.80	2.04	0.35	87	0.31	0.068
1901954	Soil		1.57	28.99	752.52	115.5	9366	22.0	6.4	361	2.56	34.6	1.3	12.5	1.2	14.1	0.52	2.18	0.22	45	0.15	0.077
1901955	Soil		1.61	24.33	184.99	99.5	8153	20.0	7.4	569	2.49	37.4	1.0	27.7	4.0	10.6	0.49	1.46	0.20	42	0.11	0.054
1901956	Soil		1.00	12.16	41.79	45.6	1547	9.0	2.4	121	1.18	22.4	0.4	10.1	0.8	8.6	0.29	0.72	0.16	37	0.08	0.026
1901957	Soil		1.20	42.27	30.58	84.0	455	26.5	11.1	574	2.60	32.8	1.0	4.6	1.7	13.3	0.57	0.75	0.23	50	0.15	0.071
1901958	Soil		1.25	59.69	47.32	101.5	804	33.5	12.9	623	2.78	55.8	1.3	5.2	2.8	19.1	0.66	0.87	0.25	50	0.20	0.091
1901959	Soil		1.46	54.70	90.17	264.0	1757	34.4	9.7	789	2.52	42.5	1.5	6.9	3.5	13.1	1.00	1.58	0.21	31	0.11	0.066
1901960	Soil		1.39	86.13	38.46	171.3	818	35.4	11.6	593	2.67	46.7	1.3	12.6	3.3	20.9	1.28	0.92	0.26	48	0.33	0.096
1901961	Soil		3.88	21.48	0.96	30.6	15	6.7	4.0	573	2.28	1.6	0.4	1.4	2.3	30.7	0.02	0.16	<0.02	20	0.75	0.038
1901962	Soil		0.75	37.19	5.20	54.3	447	15.1	4.7	192	1.40	29.4	0.4	15.3	1.3	30.6	7.63	0.35	0.10	35	0.43	0.066
1901963	Soil		1.60	98.03	19.16	105.3	685	54.9	16.4	336	3.93	101.0	1.7	11.2	7.7	26.9	0.46	0.90	0.31	54	0.19	0.086
1901964	Soil		1.13	110.20	28.30	91.4	499	34.8	12.4	399	3.38	202.1	1.0	11.5	2.7	32.7	0.84	0.59	0.29	68	0.20	0.084
1901965	Soil		1.11	154.04	33.83	89.7	467	37.9	15.7	579	3.35	205.4	1.3	8.7	4.0	31.6	0.46	0.73	0.31	67	0.27	0.082
1901966	Soil		1.83	52.82	107.93	114.7	2347	21.5	10.0	644	2.80	39.1	1.0	5.4	2.1	19.8	0.55	1.96	0.26	52	0.26	0.075
1901967	Soil		2.56	85.86	138.64	104.5	2989	27.7	9.8	624	3.88	40.2	1.5	7.7	6.5	21.9	0.22	3.09	0.29	56	0.22	0.081
1901968	Soil		2.26	84.74	182.19	144.8	3711	31.6	11.9	902	3.96	136.6	1.3	15.0	6.0	24.9	0.26	5.33	0.26	58	0.17	0.077
1901969	Soil		2.19	84.68	163.55	174.4	3382	34.9	13.1	949	3.93	254.3	1.3	10.2	6.5	25.0	0.66	6.42	0.25	55	0.16	0.074
1901970	Soil		1.34	17.07	36.44	90.9	475	14.3	6.7	349	2.20	27.4	1.0	4.1	3.4	11.3	0.35	1.98	0.16	33	0.12	0.073
1901971	Soil		1.14	14.07	33.41	77.3	505	11.8	4.1	198	1.74	22.1	0.8	3.6	0.9	9.8	0.27	1.53	0.17	33	0.07	0.042
1901972	Soil		1.94	26.58	14.37	99.6	648	14.5	5.5	519	2.64	25.7	1.4	4.1	5.8	13.8	0.34	2.40	0.21	28	0.14	0.092
1901973	Soil		4.15	49.50	10.84	116.2	741	23.3	6.7	350	3.20	62.4	2.6	8.9	12.3	14.8	0.34	4.82	0.42	26	0.09	0.076
1901974	Soil		3.02	61.08	80.37	207.1	582	35.4	9.5	813	2.43	52.7	1.7	4.7	7.4	19.0	1.17	1.60	0.23	35	0.26	0.089
1901975	Soil		1.46	52.65	794.78	706.1	3446	38.0	10.0	2812	2.33	67.5	1.5	25.8	5.6	18.3	4.03	3.76	0.18	35	0.26	0.103
1901976	Soil		1.14	74.95	16.95	109.1	335	24.1	7.4	315	2.67	52.7	1.0	21.9	1.6	13.1	0.39	0.75	0.22	55	0.14	0.072
1901977	Soil		0.99	70.18	20.36	116.3	659	25.3	7.4	265	2.52	44.8	1.1	3.6	1.6	14.9	0.37	0.80	0.20	50	0.13	0.065
1901978	Soil		1.39	50.66	509.88	760.7	15480	29.6	8.4	3969	3.24	105.9	1.4	59.0	5.9	24.1	4.77	8.99	0.18	30	0.19	0.093
1901979	Soil		0.99	10.08	11.67	35.1	167	6.2	2.4	150	1.38	16.1	0.4	1.6	0.5	8.5	0.20	0.39	0.22	45	0.06	0.033
1901980	Soil		1.10	13.73	14.47	68.4	175	11.1	4.7	242	2.55	26.9	0.5	2.5	2.2	8.9	0.30	0.57	0.22	59	0.07	0.033

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Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
1901951	Soil	14.4	20.6	0.32	289.3	0.008	<1	1.21	0.006	0.04	0.1	2.0	0.13	0.03	50	0.3	0.02	3.6	0.4
1901952	Soil	20.2	45.2	0.91	148.1	0.019	<1	1.66	0.006	0.04	0.2	5.2	0.31	0.03	29	0.9	0.07	4.7	4.3
1901953	Soil	19.8	57.7	1.14	126.4	0.021	<1	2.14	0.006	0.06	0.2	7.1	0.30	0.08	30	0.8	0.05	6.4	0.7
1901954	Soil	21.4	27.8	0.36	152.0	0.019	<1	1.38	0.007	0.05	0.3	1.9	0.16	0.03	53	0.7	0.03	4.1	1.8
1901955	Soil	17.0	25.1	0.32	85.1	0.020	<1	1.28	0.006	0.04	0.4	1.8	0.18	<0.02	54	0.5	0.04	3.4	1.3
1901956	Soil	14.7	15.7	0.18	48.4	0.025	<1	0.62	0.006	0.03	0.3	1.1	0.14	<0.02	51	0.2	0.04	3.5	1.2
1901957	Soil	16.1	33.7	0.45	179.8	0.033	<1	1.69	0.009	0.04	0.5	2.6	0.11	0.03	42	0.4	0.03	4.6	0.8
1901958	Soil	19.1	35.2	0.52	231.8	0.036	1	1.76	0.009	0.05	0.7	3.4	0.11	0.02	45	0.3	0.05	4.4	0.7
1901959	Soil	20.0	26.5	0.41	143.3	0.026	<1	1.28	0.006	0.03	0.4	2.6	0.13	<0.02	32	0.3	0.05	2.8	1.4
1901960	Soil	18.3	32.4	0.48	250.7	0.035	2	1.73	0.011	0.06	0.9	3.6	0.13	0.03	102	0.5	0.04	4.3	1.4
1901961	Soil	5.7	14.3	0.47	56.1	0.074	4	1.01	0.073	0.08	0.2	3.6	<0.02	0.04	<5	<0.1	<0.02	4.1	1.9
1901962	Soil	6.7	22.1	0.27	187.4	0.024	2	0.76	0.012	0.04	1.1	1.7	0.06	0.11	99	0.3	0.03	2.9	0.9
1901963	Soil	24.9	42.2	0.57	174.5	0.025	<1	2.16	0.012	0.03	0.5	4.2	0.08	0.04	32	0.8	0.04	5.6	0.6
1901964	Soil	17.2	40.4	0.63	192.1	0.032	1	1.99	0.012	0.05	1.2	3.9	0.12	0.05	73	0.5	0.06	5.7	0.8
1901965	Soil	21.5	39.5	0.65	280.9	0.037	2	2.09	0.011	0.05	1.4	5.1	0.12	0.03	68	0.3	0.07	5.3	0.5
1901966	Soil	17.0	34.7	0.56	228.8	0.016	1	1.70	0.007	0.04	0.3	2.9	0.30	0.03	59	0.6	0.04	5.4	0.8
1901967	Soil	32.6	46.4	0.91	168.4	0.007	<1	1.94	0.005	0.04	0.2	4.6	0.37	0.05	32	1.0	0.09	5.4	0.8
1901968	Soil	28.9	43.5	0.83	173.3	0.009	<1	1.96	0.005	0.05	0.3	5.2	0.66	0.06	28	0.8	0.07	5.2	1.0
1901969	Soil	26.6	40.6	0.78	155.6	0.012	<1	1.71	0.004	0.05	0.5	4.7	0.74	0.06	28	0.8	0.09	4.6	1.1
1901970	Soil	22.6	21.8	0.31	81.0	0.024	<1	0.96	0.004	0.04	0.6	1.8	0.24	<0.02	34	0.3	0.02	2.8	0.4
1901971	Soil	18.5	18.5	0.25	105.9	0.019	<1	0.91	0.004	0.03	0.3	1.3	0.24	<0.02	24	0.3	0.04	3.3	0.5
1901972	Soil	30.0	21.5	0.38	80.7	0.019	<1	0.95	0.004	0.03	0.4	1.8	0.34	<0.02	25	0.6	0.04	2.4	0.4
1901973	Soil	60.0	32.0	0.62	70.2	0.006	<1	1.25	0.003	0.02	0.3	2.7	0.51	<0.02	15	1.5	0.12	3.2	0.3
1901974	Soil	31.1	30.5	0.52	139.4	0.020	<1	1.26	0.008	0.03	0.4	3.3	0.32	<0.02	22	0.5	0.05	3.2	0.7
1901975	Soil	28.1	26.7	0.43	135.9	0.014	<1	1.10	0.007	0.03	0.6	3.4	0.45	<0.02	32	0.3	0.02	2.5	1.7
1901976	Soil	17.7	32.5	0.47	164.6	0.023	1	1.73	0.007	0.04	0.5	2.5	0.17	0.03	43	0.3	0.04	5.0	0.6
1901977	Soil	17.6	32.3	0.46	195.0	0.022	1	1.67	0.009	0.03	0.6	2.9	0.17	0.03	50	0.4	0.04	4.6	0.5
1901978	Soil	23.6	23.3	0.32	170.7	0.021	<1	1.06	0.007	0.04	0.5	3.1	0.62	<0.02	52	1.0	0.04	2.3	3.8
1901979	Soil	11.4	17.5	0.17	70.2	0.029	<1	0.97	0.008	0.03	0.2	1.1	0.13	<0.02	35	0.2	0.03	5.9	0.8
1901980	Soil	13.5	26.9	0.31	106.1	0.036	<1	1.65	0.005	0.04	0.3	2.2	0.14	<0.02	39	0.1	0.04	6.6	0.7

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1901981	Soil		1.09	47.45	28.31	123.2	589	21.7	9.3	525	2.34	41.0	1.0	5.5	1.7	16.9	0.52	0.82	0.18	43	0.18	0.075
1901982	Soil		1.34	43.78	126.86	114.5	2371	25.7	10.5	447	2.76	43.7	1.2	4.4	1.8	17.1	0.34	0.91	0.25	50	0.18	0.076
1901983	Soil		1.07	37.98	60.55	121.2	1115	24.3	9.0	493	2.41	38.3	0.9	11.0	2.3	14.1	0.50	0.88	0.20	44	0.15	0.075
1901984	Soil		2.05	16.54	11.58	126.3	344	11.7	2.7	135	1.53	22.3	1.4	7.3	0.3	10.2	0.75	2.26	0.13	23	0.06	0.048
1901985	Soil		1.55	16.08	18.29	64.8	728	11.9	4.0	183	2.16	21.6	0.6	4.4	1.3	9.7	0.89	1.30	0.21	48	0.05	0.042
1901986	Soil		1.32	22.80	19.58	81.0	610	19.6	6.5	204	2.41	25.5	0.8	4.1	0.8	12.7	0.67	1.25	0.20	45	0.09	0.049
1901987	Soil		1.19	26.46	24.26	90.0	347	20.5	11.0	597	2.54	24.1	0.9	3.8	1.1	13.2	0.57	0.92	0.20	49	0.11	0.056
1901988	Soil		1.15	17.83	27.37	75.5	182	16.8	7.9	366	2.33	19.1	0.8	3.3	0.9	11.1	0.47	1.06	0.20	44	0.08	0.049
1901989	Soil		1.14	21.03	24.55	89.7	509	19.3	9.3	428	2.48	19.0	0.9	12.2	1.8	10.5	0.56	0.92	0.19	49	0.10	0.050
1901990	Soil		1.05	32.48	58.19	114.6	911	23.8	7.6	346	2.42	21.3	1.0	6.3	4.3	10.9	0.66	1.11	0.16	45	0.13	0.058
1901991	Soil		1.30	29.48	34.68	87.0	338	19.4	5.7	221	2.03	22.3	0.8	2.4	0.5	9.4	0.56	0.91	0.18	36	0.08	0.045
1901992	Soil		1.21	20.41	79.02	127.6	910	17.0	6.5	301	2.23	20.7	0.9	4.0	0.6	11.3	0.64	0.98	0.35	45	0.07	0.066
1901993	Soil		1.04	72.10	179.25	358.7	2887	32.7	13.7	1408	3.24	20.2	0.6	5.4	4.2	17.2	3.98	1.22	0.18	79	0.25	0.065
1901994	Soil		0.88	23.66	18.59	72.5	236	20.6	8.9	308	2.17	14.4	1.0	7.5	6.6	11.8	0.27	0.89	0.18	43	0.15	0.063
1901995	Soil		1.67	12.65	27.66	52.6	858	9.7	3.9	191	2.87	19.8	0.6	2.9	2.1	6.5	0.20	0.87	0.23	69	0.05	0.042
1901996	Soil		1.48	41.01	174.23	307.1	1739	30.3	13.4	797	3.14	30.3	1.2	4.4	1.6	19.9	1.52	1.54	0.57	67	0.16	0.071
1901997	Soil		1.38	36.20	125.66	218.2	1053	26.9	13.1	849	2.96	25.8	1.1	9.7	1.8	17.1	0.70	1.26	0.43	60	0.17	0.067
1901998	Soil		1.12	51.98	32.74	91.6	435	24.2	12.3	512	2.74	18.8	1.7	8.5	5.5	11.8	0.40	0.87	0.20	55	0.15	0.055
1901999	Soil		1.42	52.18	68.58	144.7	583	25.2	13.4	448	3.10	20.0	1.2	14.7	5.1	10.2	0.48	1.21	0.38	70	0.09	0.033
1902000	Soil		1.37	23.31	14.48	58.0	219	23.0	10.5	268	2.82	16.4	0.7	3.3	5.7	9.7	0.34	0.83	0.21	56	0.09	0.028
1900101	Soil		1.27	17.13	16.75	70.7	33	17.8	7.8	286	3.15	15.9	0.5	2.9	4.4	9.3	0.27	0.70	0.23	67	0.09	0.030
1900102	Soil		1.35	32.37	22.26	61.5	421	14.1	4.9	190	2.46	16.2	0.6	3.4	1.0	9.2	0.26	0.72	0.24	63	0.09	0.035
1900103	Soil		1.19	36.66	33.31	104.6	579	17.6	6.5	457	2.45	18.3	0.7	5.5	0.6	10.5	0.48	0.74	0.23	56	0.10	0.064
1900104	Soil		1.25	32.10	37.54	117.4	130	17.9	12.3	916	2.75	21.5	0.6	8.4	1.3	9.6	0.61	0.73	0.22	60	0.10	0.053
1900105	Soil		1.49	31.68	27.54	83.9	815	24.6	7.0	303	3.03	33.2	1.2	2.5	1.0	12.8	0.59	0.67	0.29	54	0.11	0.076
1900151	Soil		0.98	21.05	27.45	66.8	608	12.5	4.6	189	2.40	18.7	0.4	3.5	3.0	9.1	0.31	0.58	0.21	68	0.09	0.028
1900152	Soil		1.07	40.86	70.91	164.1	885	24.2	11.7	582	2.72	21.2	0.8	3.0	2.4	12.8	0.85	0.81	0.20	59	0.16	0.068
1900153	Soil		1.20	37.69	64.39	100.8	1108	17.0	6.5	338	2.71	17.8	0.5	5.5	1.3	9.6	0.57	0.50	0.20	62	0.12	0.058
1900154	Soil		1.08	84.48	106.43	122.5	3191	25.0	8.9	304	2.76	31.0	0.9	4.8	0.6	15.8	0.67	0.84	0.29	65	0.15	0.065
1900155	Soil		1.42	40.21	63.60	114.1	1398	21.4	8.1	322	3.52	33.2	0.6	2.3	2.3	10.2	0.55	0.85	0.24	66	0.12	0.055

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Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
1901981	Soil		16.8	25.6	0.36	186.3	0.028	1	1.43	0.008	0.04	0.7	2.2	0.12	0.02	60	0.2	0.04	3.9	0.5
1901982	Soil		17.1	34.0	0.48	219.5	0.029	1	1.87	0.008	0.04	0.6	2.7	0.15	0.02	56	0.4	0.03	5.1	0.9
1901983	Soil		16.8	28.3	0.39	131.4	0.029	1	1.45	0.007	0.04	0.5	2.3	0.12	<0.02	40	0.2	0.04	4.0	0.7
1901984	Soil		24.9	17.1	0.18	70.8	0.006	<1	0.56	0.005	0.03	0.2	0.6	0.20	<0.02	18	0.3	0.02	2.0	0.9
1901985	Soil		15.6	20.8	0.19	120.1	0.032	<1	1.07	0.004	0.04	0.4	1.6	0.17	<0.02	44	0.3	0.03	4.9	0.7
1901986	Soil		18.3	26.6	0.33	214.2	0.024	<1	1.35	0.006	0.04	0.3	1.8	0.17	<0.02	42	0.3	0.03	4.3	0.6
1901987	Soil		17.6	30.1	0.38	226.2	0.028	<1	1.54	0.006	0.04	0.4	2.1	0.22	<0.02	35	0.3	0.03	4.5	0.6
1901988	Soil		17.4	25.6	0.33	149.7	0.025	<1	1.30	0.006	0.04	0.4	1.6	0.13	<0.02	33	0.2	0.03	4.3	0.5
1901989	Soil		19.5	27.9	0.34	119.2	0.032	<1	1.41	0.006	0.04	0.5	2.2	0.14	<0.02	49	0.3	0.03	4.1	0.6
1901990	Soil		20.2	28.3	0.40	105.4	0.036	1	1.27	0.005	0.04	0.6	2.9	0.15	<0.02	68	0.3	0.02	3.4	0.6
1901991	Soil		16.2	23.2	0.30	97.2	0.022	<1	0.98	0.005	0.03	0.3	1.4	0.12	<0.02	28	0.3	0.04	3.2	0.5
1901992	Soil		16.3	25.9	0.29	136.9	0.019	<1	1.25	0.006	0.04	0.4	1.3	0.21	0.04	43	0.3	0.04	4.3	1.1
1901993	Soil		11.7	38.6	0.78	167.0	0.036	2	1.79	0.009	0.04	0.3	4.1	0.20	0.03	43	0.4	0.04	5.4	1.1
1901994	Soil		18.4	25.2	0.42	122.7	0.039	2	1.39	0.006	0.05	0.4	3.0	0.12	<0.02	36	0.2	0.03	3.5	0.4
1901995	Soil		15.2	24.2	0.22	55.2	0.039	1	1.10	0.004	0.04	0.4	1.7	0.14	<0.02	37	0.2	0.05	6.0	0.7
1901996	Soil		18.5	40.0	0.54	256.5	0.018	2	1.96	0.009	0.06	0.3	2.8	0.24	0.02	45	0.4	0.05	5.9	2.4
1901997	Soil		17.6	35.0	0.52	256.4	0.024	1	1.76	0.008	0.06	0.4	3.0	0.24	0.03	48	0.5	0.04	5.2	1.6
1901998	Soil		19.7	31.9	0.53	163.4	0.039	2	1.63	0.006	0.05	0.6	4.7	0.13	<0.02	68	0.4	0.03	4.1	0.4
1901999	Soil		17.7	40.6	0.58	171.5	0.046	<1	2.27	0.008	0.05	0.3	5.4	0.19	<0.02	70	0.5	0.03	6.0	1.2
1902000	Soil		13.8	32.6	0.44	221.9	0.040	<1	2.44	0.006	0.05	0.3	3.4	0.16	<0.02	52	0.5	0.04	5.3	0.6
1900101	Soil		12.8	29.5	0.42	125.2	0.043	1	1.96	0.005	0.05	0.2	2.8	0.16	<0.02	35	0.3	0.04	6.9	0.8
1900102	Soil		11.6	27.4	0.35	78.3	0.037	1	1.62	0.007	0.04	0.2	2.1	0.14	0.03	50	0.5	0.04	6.2	0.9
1900103	Soil		12.8	28.7	0.38	117.2	0.025	1	1.56	0.006	0.05	0.3	1.7	0.16	0.04	49	0.5	0.04	5.4	0.7
1900104	Soil		13.5	28.6	0.40	104.8	0.037	<1	1.56	0.005	0.05	0.3	2.1	0.13	0.03	51	0.4	0.03	5.5	0.7
1900105	Soil		18.7	31.5	0.50	175.3	0.021	1	1.79	0.007	0.06	0.3	2.1	0.14	0.04	51	0.6	0.05	5.5	0.6
1900151	Soil		12.9	24.7	0.30	88.9	0.044	<1	1.55	0.005	0.04	0.3	2.4	0.14	<0.02	40	0.3	0.03	6.3	1.0
1900152	Soil		15.9	31.0	0.47	141.6	0.032	1	1.63	0.006	0.05	0.5	2.7	0.14	<0.02	60	0.3	0.02	4.9	0.6
1900153	Soil		10.5	30.8	0.38	113.7	0.033	1	2.12	0.006	0.04	0.2	2.3	0.12	0.03	74	0.4	0.04	6.0	0.9
1900154	Soil		12.2	34.9	0.51	319.6	0.022	2	1.81	0.008	0.05	0.3	2.2	0.16	0.04	51	0.5	0.04	5.7	0.9
1900155	Soil		13.3	32.1	0.46	140.0	0.039	<1	1.80	0.006	0.05	0.3	2.7	0.13	<0.02	47	0.4	0.04	6.0	1.0

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Project: Haldane
Report Date: July 26, 2019

CERTIFICATE OF ANALYSIS WHI19000140.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1900156	Soil		1.30	51.72	44.44	121.4	1049	24.1	11.1	583	2.61	23.8	0.7	4.8	1.5	11.2	1.09	0.87	0.21	55	0.13	0.066

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CERTIFICATE OF ANALYSIS WHI19000140.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
1900156	Soil	12.8	31.5	0.49	134.9	0.030	1	1.81	0.007	0.05	0.2	2.8	0.13	0.04	60	0.5	0.03	5.0	0.7

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Project: Haldane
Report Date: July 26, 2019

QUALITY CONTROL REPORT WHI19000140.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Pulp Duplicates																					
1901925	Soil	0.72	18.87	11.37	39.6	272	11.9	3.1	95	1.56	9.1	0.7	5.0	0.6	9.3	0.16	0.34	0.18	27	0.10	0.045
REP 1901925	QC	0.66	18.19	10.77	37.2	265	10.9	2.9	89	1.54	8.8	0.7	5.3	0.5	8.7	0.14	0.35	0.18	27	0.10	0.043
1901961	Soil	3.88	21.48	0.96	30.6	15	6.7	4.0	573	2.28	1.6	0.4	1.4	2.3	30.7	0.02	0.16	<0.02	20	0.75	0.038
REP 1901961	QC	3.95	22.36	0.98	32.6	19	6.9	4.1	583	2.34	1.4	0.4	1.0	2.4	30.9	0.03	0.17	<0.02	21	0.77	0.040
1901996	Soil	1.48	41.01	174.23	307.1	1739	30.3	13.4	797	3.14	30.3	1.2	4.4	1.6	19.9	1.52	1.54	0.57	67	0.16	0.071
REP 1901996	QC	1.45	40.30	169.51	301.1	1666	30.0	13.0	795	3.14	29.6	1.2	5.5	1.5	20.1	1.46	1.49	0.55	67	0.16	0.072
Reference Materials																					
STD BVGEO01	Standard	11.76	4387.21	204.65	1686.7	2669	157.8	25.8	779	3.84	126.5	4.2	235.2	16.6	60.8	6.75	4.09	26.91	73	1.43	0.080
STD DS11	Standard	15.40	150.94	135.12	330.8	1654	80.0	13.9	980	3.02	42.8	2.6	67.8	8.8	67.9	2.26	9.17	11.22	50	1.02	0.071
STD DS11	Standard	14.88	160.30	133.83	323.2	1554	82.8	14.2	976	2.98	40.0	2.5	58.5	8.3	63.2	2.22	8.17	10.65	49	1.04	0.065
STD OREAS262	Standard	0.69	113.35	54.38	141.7	435	64.2	26.1	539	3.17	34.6	1.2	62.6	10.0	31.8	0.61	5.71	0.98	24	2.88	0.038
STD OREAS262	Standard	0.66	127.43	54.38	144.3	424	62.2	27.2	498	3.18	32.5	1.1	67.9	9.5	32.0	0.57	5.60	0.93	21	2.77	0.035
STD OREAS262	Standard	0.63	113.32	56.00	137.7	434	58.8	26.3	502	3.12	34.3	1.2	70.7	9.4	33.9	0.61	5.51	0.98	20	2.93	0.039
STD DS11 Expected		14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD BVGEO01 Expected		11.2	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.04	0.2	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 26, 2019

QUALITY CONTROL REPORT WHI19000140.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
Pulp Duplicates																			
1901925	Soil	14.1	19.4	0.24	101.9	0.012	2	0.91	0.005	0.04	0.2	1.0	0.20	0.02	50	0.5	0.03	3.4	0.5
REP 1901925	QC	13.3	18.3	0.23	96.4	0.011	1	0.89	0.005	0.04	0.2	0.9	0.18	0.02	44	0.4	0.02	3.1	0.4
1901961	Soil	5.7	14.3	0.47	56.1	0.074	4	1.01	0.073	0.08	0.2	3.6	<0.02	0.04	<5	<0.1	<0.02	4.1	1.9
REP 1901961	QC	5.9	14.5	0.48	57.2	0.078	4	1.02	0.067	0.07	0.3	3.6	<0.02	0.04	<5	<0.1	<0.02	4.1	1.9
1901996	Soil	18.5	40.0	0.54	256.5	0.018	2	1.96	0.009	0.06	0.3	2.8	0.24	0.02	45	0.4	0.05	5.9	2.4
REP 1901996	QC	18.0	39.0	0.54	254.9	0.018	2	1.96	0.009	0.07	0.4	2.7	0.24	0.02	49	0.4	0.05	5.6	2.3
Reference Materials																			
STD BVGEO01	Standard	28.5	191.9	1.31	299.8	0.241	4	2.40	0.192	0.90	5.6	7.0	0.64	0.64	93	5.1	1.05	7.6	6.3
STD DS11	Standard	18.5	58.7	0.88	372.0	0.093	8	1.20	0.073	0.40	3.0	3.5	4.80	0.26	233	2.1	4.63	5.0	1.9
STD DS11	Standard	18.4	60.2	0.87	330.8	0.098	7	1.17	0.073	0.39	2.8	3.1	4.63	0.26	231	2.3	4.35	4.9	1.7
STD OREAS262	Standard	16.1	42.3	1.16	238.3	0.002	3	1.43	0.067	0.34	0.2	3.3	0.46	0.25	158	0.5	0.23	4.1	0.5
STD OREAS262	Standard	15.4	42.0	1.08	225.8	0.003	4	1.25	0.064	0.31	0.2	2.9	0.45	0.24	147	0.3	0.22	3.6	0.5
STD OREAS262	Standard	15.6	40.8	1.10	235.1	0.003	4	1.25	0.065	0.30	0.2	3.1	0.45	0.23	160	0.2	0.22	3.7	0.5
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	1.8
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	5.97	0.62	0.6655	100	4.84	1.02	7.37	5.64
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	0.5
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.1

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Bureau Veritas Commodities Canada Ltd.
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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: July 03, 2019
Report Date: July 25, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI19000141.1

CLIENT JOB INFORMATION

Project:	Haldane
Shipment ID:	ANZ19-01_001
P.O. Number	ANZ19-01
Number of Samples:	9

SAMPLE DISPOSAL

RTRN-PLP	Return After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	9	Dry at 60C			WHI
SS80	9	Dry at 60C sieve 100g to -80 mesh			WHI
AQ251_EXT	9	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	9	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000141.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
19MJST001	Silt	1.22	13.06	33.50	54.8	204	14.5	5.1	270	1.56	9.8	0.6	0.8	3.0	17.7	0.24	0.71	0.12	25	0.22	0.059
19MJST002	Silt	0.67	12.78	8.78	46.2	161	11.5	4.1	192	1.35	7.1	0.5	1.5	1.4	9.9	0.21	0.36	0.13	24	0.14	0.042
19MJST003	Silt	1.05	16.56	12.00	68.4	205	15.9	7.4	658	1.68	9.1	1.1	4.7	2.2	25.1	0.47	0.66	0.17	27	0.40	0.056
19MJST004	Silt	1.04	8.84	7.48	49.6	143	12.4	3.7	207	1.38	6.7	0.5	1.2	2.6	10.3	0.24	0.48	0.11	23	0.12	0.037
19MJST005	Silt	1.24	16.21	14.19	86.8	183	15.8	5.1	244	1.73	9.7	0.7	9.3	2.5	11.1	0.41	0.56	0.13	29	0.15	0.049
19ELST001	Silt	1.03	19.03	11.12	66.6	302	19.9	6.9	262	2.00	9.5	1.0	1.6	4.7	24.2	0.22	0.71	0.17	24	0.35	0.063
19ELST002	Silt	2.51	24.22	18.99	137.3	415	28.7	10.4	549	2.45	7.5	1.0	6.6	5.6	21.5	0.98	0.48	0.37	37	0.43	0.105
19ELST003	Silt	1.32	16.21	12.39	67.9	198	14.4	8.8	450	1.78	9.4	0.7	1.1	2.1	12.9	0.32	0.46	0.15	31	0.17	0.056
19ELST004	Silt	1.33	16.52	11.11	64.3	183	15.8	6.0	240	1.66	8.4	0.8	12.3	3.1	13.0	0.31	0.44	0.15	29	0.18	0.061

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000141.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
19MJST001	Silt		16.7	15.2	0.35	142.5	0.018	<1	0.82	0.005	0.04	0.4	1.6	0.24	<0.02	34	0.3	0.03	2.8	0.74	<0.1	<0.02
19MJST002	Silt		12.9	14.6	0.25	105.1	0.015	<1	0.78	0.004	0.03	0.4	1.3	0.20	<0.02	36	0.3	<0.02	2.7	0.72	<0.1	<0.02
19MJST003	Silt		15.8	16.4	0.30	182.3	0.014	1	0.92	0.005	0.04	0.3	1.7	0.34	0.03	44	0.7	0.02	2.8	1.09	<0.1	<0.02
19MJST004	Silt		14.6	13.5	0.28	81.8	0.014	<1	0.81	0.003	0.03	0.3	1.3	0.18	<0.02	26	0.3	<0.02	2.7	0.80	<0.1	<0.02
19MJST005	Silt		17.1	15.5	0.27	89.2	0.019	<1	0.80	0.004	0.03	0.4	1.5	0.18	<0.02	54	0.3	<0.02	2.6	0.91	<0.1	<0.02
19ELST001	Silt		18.3	17.7	0.39	151.1	0.013	<1	1.07	0.005	0.04	0.1	1.9	0.10	0.02	30	0.7	0.04	3.1	0.87	<0.1	<0.02
19ELST002	Silt		20.5	25.8	0.72	172.3	0.027	2	1.27	0.008	0.13	0.3	2.5	0.30	0.03	21	0.9	0.04	3.5	2.71	<0.1	<0.02
19ELST003	Silt		15.0	17.3	0.32	136.7	0.016	<1	0.94	0.005	0.04	0.4	1.8	0.17	<0.02	23	0.4	<0.02	2.9	1.23	<0.1	<0.02
19ELST004	Silt		19.8	16.8	0.32	139.2	0.019	<1	0.87	0.005	0.04	0.6	1.8	0.20	<0.02	38	0.3	0.03	2.7	1.29	<0.1	<0.02

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

CERTIFICATE OF ANALYSIS WHI19000141.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
19MJST001	Silt		0.35	5.5	0.3	<0.05	0.6	4.32	33.5	<0.02	<1	0.1	11.5	<10	<2
19MJST002	Silt		0.35	5.9	0.3	<0.05	0.2	3.18	25.9	<0.02	<1	0.1	9.6	<10	<2
19MJST003	Silt		0.38	7.3	0.4	<0.05	0.2	4.77	31.2	<0.02	<1	0.2	12.6	<10	<2
19MJST004	Silt		0.32	6.0	0.2	<0.05	0.2	2.81	28.6	<0.02	<1	0.1	11.2	<10	<2
19MJST005	Silt		0.33	5.9	0.4	<0.05	0.2	4.12	33.8	<0.02	<1	0.2	10.0	<10	<2
19ELST001	Silt		0.34	6.2	0.3	<0.05	0.4	4.66	36.6	0.02	<1	0.2	17.2	<10	<2
19ELST002	Silt		0.28	13.7	0.8	<0.05	0.8	9.70	41.4	0.02	<1	0.4	20.1	<10	<2
19ELST003	Silt		0.32	7.5	0.3	<0.05	0.3	4.56	30.2	<0.02	<1	0.3	12.6	<10	<2
19ELST004	Silt		0.35	6.9	0.4	<0.05	0.3	5.38	40.3	<0.02	<1	0.3	11.4	<10	<2

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000141.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Reference Materials																					
STD DS11	Standard	15.40	150.94	135.12	330.8	1654	80.0	13.9	980	3.02	42.8	2.6	67.8	8.8	67.9	2.26	9.17	11.22	50	1.02	0.071
STD OREAS262	Standard	0.69	113.35	54.38	141.7	435	64.2	26.1	539	3.17	34.6	1.2	62.6	10.0	31.8	0.61	5.71	0.98	24	2.88	0.038
STD DS11 Expected		14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001

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Client: **Equity Exploration Consultants Ltd.**
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Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000141.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Reference Materials																					
STD DS11	Standard	18.5	58.7	0.88	372.0	0.093	8	1.20	0.073	0.40	3.0	3.5	4.80	0.26	233	2.1	4.63	5.0	2.91	<0.1	0.06
STD OREAS262	Standard	16.1	42.3	1.16	238.3	0.002	3	1.43	0.067	0.34	0.2	3.3	0.46	0.25	158	0.5	0.23	4.1	2.99	<0.1	0.22
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88	0.08	0.06
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	2.8		0.27
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 25, 2019

QUALITY CONTROL REPORT WHI19000141.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Reference Materials														
STD DS11	Standard	1.64	33.9	1.9	<0.05	2.3	8.09	39.5	0.23	45	0.7	22.9	101	176
STD OREAS262	Standard	<0.02	19.7	0.5	<0.05	8.2	10.11	33.4	0.04	1	1.0	16.5	<10	<2
STD DS11 Expected		1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172
STD OREAS262 Expected			18.6	0.5		11.7	11.2	32	0.033		1.14	17.8		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 20, 2019
Report Date: September 30, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI19000578.1

CLIENT JOB INFORMATION

Project:	ANZ19-01
Shipment ID:	ANZ19-01006
P.O. Number	ANZ19-01006
Number of Samples:	1

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	1	Dry at 60C			WHI
SS80	1	Dry at 60C sieve 100g to -80 mesh			WHI
AQ251	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
DISPL	1	Disposal of pulps			VAN
SHP01	1	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC:

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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#1510 - 250 Howe St.
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Project: ANZ19-01
Report Date: September 30, 2019

CERTIFICATE OF ANALYSIS WHI19000578.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1900111	Soil		6.18	57.32	18.47	100.8	3268	30.1	7.5	258	2.40	151.3	2.4	34.1	5.4	156.3	1.84	7.75	0.43	91	0.30	0.177

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Project: ANZ19-01
Report Date: September 30, 2019

CERTIFICATE OF ANALYSIS WHI19000578.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
1900111	Soil		21.1	21.9	0.35	255.1	0.018	1	1.03	0.005	0.06	0.8	2.1	0.19	<0.02	62	4.3	0.13	3.0	0.4

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Project: ANZ19-01
Report Date: September 30, 2019

QUALITY CONTROL REPORT WHI19000578.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Pulp Duplicates																					
1900111	Soil	6.18	57.32	18.47	100.8	3268	30.1	7.5	258	2.40	151.3	2.4	34.1	5.4	156.3	1.84	7.75	0.43	91	0.30	0.177
REP 1900111	QC	5.91	56.16	18.60	99.2	3118	29.7	7.6	254	2.41	147.6	2.3	40.3	5.6	156.0	1.87	7.27	0.40	91	0.30	0.175
Reference Materials																					
STD DS11	Standard	14.26	156.07	128.59	335.6	1652	80.9	13.9	1001	3.02	40.5	2.3	82.4	7.2	62.2	2.45	8.04	11.39	49	1.04	0.071
STD OREAS262	Standard	0.68	120.45	51.35	144.3	433	64.5	27.9	526	3.22	33.8	1.1	59.8	8.4	33.7	0.63	4.44	0.95	22	2.85	0.037
STD DS11 Expected		14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	0.14	<0.01	0.2	<2	0.3	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01

Report Date: September 30, 2019

QUALITY CONTROL REPORT WHI19000578.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sn
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.1
Pulp Duplicates																			
1900111	Soil	21.1	21.9	0.35	255.1	0.018	1	1.03	0.005	0.06	0.8	2.1	0.19	<0.02	62	4.3	0.13	3.0	0.4
REP 1900111	QC	19.9	21.6	0.35	242.9	0.017	<1	1.03	0.005	0.06	0.8	2.1	0.20	0.02	55	4.2	0.13	3.0	0.3
Reference Materials																			
STD DS11	Standard	16.8	60.3	0.83	354.9	0.089	5	1.15	0.073	0.41	2.5	3.0	4.84	0.28	222	2.1	4.52	4.8	1.7
STD OREAS262	Standard	14.1	43.0	1.13	232.2	0.002	3	1.27	0.068	0.31	0.2	3.0	0.42	0.23	129	0.5	0.22	3.7	0.5
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	1.8
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	0.5
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.1

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Appendix E: Rock Sample Descriptions

MINERALS AND ALTERATION TYPES

AC	Actinolite	FP	feldspar	PF	plagioclase
AL	alunite	GA	garnet	PH	phlogopite
AM	amphibole	GE	goethite	PL	pyrolusite
AS	arsenopyrite	GL	galena	PO	pyrrhotite
AU	augite	GR	graphite	PY	pyrite
AZ	azurite	HB	hornblende	QZ	quartz veining
BA	barite	HE	haematite	RE	realgar
BI	biotite	HS	specularite	RN	rhodonite
BO	bornite	HZ	hydrozincite	SB	stibnite
BT	pyrobitumen	IL	illite	SD	siderite
CA	calcite	JA	jarosite	SI	silicification
CB	Fe-carbonate	KF	potassium feldspar	SK	skarn
CC	chalcocite	MC	malachite	SM	smithsonite
CD	chalcedony	MG	magnetite	SP	sphalerite
CL	chlorite	MI	mica	SR	scorodite
CP	chalcopyrite	MN	Mn-oxides	SS	sulphosalts
CU	native copper	MO	molybdenite	ST	smectite
CV	covellite	MR	mariposite/fuchsite	TP	topaz
CY	clay	MS	sericite	TT	tetrahedrite
DC	dickite	MT	marcasite	VG	gold
DS	diaspore	MU	muscovite	ZE	Zeolite
DU	dumortierite	NA	natroalunite	ZN	zunyite
EN	enargite	NE	neotocite		
EP	epidote	PA	pyrargyrite		

ALTERATION INTENSITY

w	weak	s	strong
m	moderate	i	intense

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1900001 Haldane	Grid North:		Grid East:		Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084554	N	UTM 454202	E	Strike Length Exp: 2	Metallics:	7	10.5	470	164
	Elevation		Sample Width: 2.7	m	True Width:	Secondaries: mGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing				Host : QRZTphy		5	50	35	125
Sampled By: MIJ 27-Jun-19	cross contact back into QRZTphy, waning oxides, phyllite is dark, very well cleaved, 23.2-25.9m									
1900002 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084556	N	UTM 454200	E	Strike Length Exp:	Metallics:	-5	4.9	699	346
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	64	10	84
Sampled By: MIJ 27-Jun-19	28.0m,immediately below phyllite									
1900003 Haldane	Grid North:		Grid East:		Type: Grab	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084558	N	UTM 454198	E	Strike Length Exp:	Metallics:	-5	2.3	668	99
	Elevation		Sample Width:		True Width:	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	54	10	61
Sampled By: MIJ 27-Jun-19	30m, GE on frcs, grey QRZt									
1900004 Haldane	Grid North:		Grid East:		Type: Grab	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084559	N	UTM 454197	E	Strike Length Exp:	Metallics:	-5	1.4	585	69
	Elevation		Sample Width:		True Width:	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	12	8	75
Sampled By: MIJ 27-Jun-19	32m, meta-QV's common									
1900005 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084560	N	UTM 454195	E	Strike Length Exp:	Metallics:	-5	1.5	491	172
	Elevation		Sample Width:		True Width:	Secondaries: mGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	29	7	102
Sampled By: MIJ 27-Jun-19	34m, wx'd beds, QRZTca?, GE in fracs, diss'd									
1900006 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084561	N	UTM 454193	E	Strike Length Exp:	Metallics:	7	1.7	223	126
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : PHYL		-3	22	11	306
Sampled By: MIJ 27-Jun-19	36m, possibly carbonaceous PHYL, very well cleaved									

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1900007 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084563	N	UTM 454192	E	Strike Length Exp:	Metallics:	26	2.1	391	369
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : PHYL		4	62	10	612
Sampled By: MIJ 27-Jun-19	38m, dark PHYL, minor QRZT beds, QZ boudins									
1900008 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084564	N	UTM 454190	E	Strike Length Exp:	Metallics:	5	1.4	248	739
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZTphy		-3	73	12	579
Sampled By: MIJ 27-Jun-19	40m, siliceous lenses in dk PHYL									
1900009 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084565	N	UTM 454189	E	Strike Length Exp:	Metallics:	-5	1.9	127	346
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZTphy		-3	56	14	379
Sampled By: MIJ 27-Jun-19	42m, minor goss fracs									
1900010 Haldane	Grid North:		Grid East:		Type: Grab	Alteration: wSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084566	N	UTM 454187	E	Strike Length Exp:	Metallics:	-5	1.2	611	119
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	41	11	90
Sampled By: MIJ 27-Jun-19	44m, grey to blue grey RZTm GE on fracs									
1900011 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084568	N	UTM 454185	E	Strike Length Exp:	Metallics:	-5	1	123	126
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZTphy		-3	14	7	142
Sampled By: MIJ 27-Jun-19	46m, PHYL and QRZT beds, GE around QZ boudins									
1900451 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082747	N	UTM 456525	E	Strike Length Exp:	Metallics:	5	-0.3	6	429
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		-3	98	-2	332
Sampled By: EAL / 27-Jun-19	Green grey, medium grained diorite with weak foliation.									

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1900452 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082742	N	UTM 456524	E	Strike Length Exp:	Metallics:	-5	-0.3	-3	163
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : diorite		-3	88	-2	390
Sampled By: EAL / 27-Jun-19	Green grey, fine grained, moderately foliated diorite.									
1900453 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082737	N	UTM 456525	E	Strike Length Exp:	Metallics:	-5	-0.3	4	92
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : diorite		-3	104	-2	339
Sampled By: EAL / 27-Jun-19	Green grey, fine grained, moderately foliated diorite.									
1900454 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082733	N	UTM 456525	E	Strike Length Exp:	Metallics:	-5	0.7	-3	288
	Elevation		Sample Width:		True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	9	2	151
Sampled By: EAL / 27-Jun-19	Blue grey, very weakly foliated, moderately SI altered quartzite.									
1901501 Haldane	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084242	N	UTM 454158	E	Strike Length Exp:	Metallics:	8	9.3	1950	71
	Elevation		Sample Width: 0.15	m	True Width: 0.15 m	Secondaries: wJA	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Breccia				Host : QRZT		8	16	22	76
Sampled By: MIJ 24-Jun-19										
1901502 Haldane	Grid North:		Grid East:		Type: Float	Alteration: wSI, wMS, wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084485	N	UTM 454202	E	Strike Length Exp:	Metallics:	6	20.5	2208	567
	Elevation		Sample Width: 0.2	m	True Width: 0.2 m	Secondaries: sGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		7	53	28	111
Sampled By: MIJ 24-Jun-19	highly frac'd vuggy QZ vnlts with sGE and MN oxides. In soil anomaly, break in slope at 185 AZ									
1901503 Haldane	Grid North:		Grid East:		Type: Float	Alteration: wCB, wMS, wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084382	N	UTM 454230	E	Strike Length Exp:	Metallics:	-5	0.4	112	127
	Elevation		Sample Width: 0.2	m	True Width: 0.2 m	Secondaries: mGE, mMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Breccia				Host : QRZT		-3	204	51	75
Sampled By: MIJ 24-Jun-19	fault rock, slicked surface, GE on fracs oblique, crushed, MN Ox in crush zone									

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901504 Haldane	Grid North:	Grid East:	Type: Float	Alteration: wCL, sQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084241 N	UTM 454029 E	Strike Length Exp:	Metallics:	-5	0.7	11	2170
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: sMN, wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Vein		Host : DIOR		-3	441	28	7347
Sampled By: MIJ 21-Jun-19	bx, vein in DIOR, with MN and GE, probably late fracturing, relatively conc'd DIOR float in push material on side of road							
1901505 Haldane	Grid North:	Grid East:	Type: Float+Select	Alteration: mQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084131 N	UTM 454162 E	Strike Length Exp:	Metallics:	-5	0.4	359	10
	Elevation	Sample Width:	True Width:	Secondaries: wGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing		Host : QRZT		5	9	9	58
Sampled By: MIJ 21-Jun-19	highly frac'd QRZT, local bleaching, silicification?, grey oxide? commonly coating surfaces,							
1901506 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mMS, mSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082450 N	UTM 456780 E	Strike Length Exp: 1	Metallics:	40	3.7	278	171
	Elevation	Sample Width: 2 m	True Width: 2 m	Secondaries: sGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault		Host : PHYL		-3	29	41	1516
Sampled By: MIJ 22-Jun-19	bx'd, silicified section, QRZT bed? in PHYL in trench, abdt QZ vnlts, MN in fracs, GE stain							
1901507 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mMS, wCL	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082455 N	UTM 456777 E	Strike Length Exp: 1	Metallics:	10	4.5	50	105
	Elevation	Sample Width: 1.2 m	True Width: 1.2 m	Secondaries: wMN, wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Shearing		Host : PHYL		-3	28	252	441
Sampled By: MIJ 22-Jun-19	intensely sheared/fol'd PHYL, crenulated, very minor QZ vnlts, GE on fracs locally, rock is extremely friable							
1901508 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: sMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082458 N	UTM 456776 E	Strike Length Exp: 1	Metallics:	7	8.5	39	83
	Elevation	Sample Width: 0.2 m	True Width: 0.2 m	Secondaries: wMN, wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault		Host : PHYL		-3	21	29	472
Sampled By: MIJ 22-Jun-19	GE on vuggy veinlets, more competent PHYL,							
1901509 Haldane	Grid North:	Grid East:	Type: Float+Select	Alteration: mQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082457 N	UTM 456776 E	Strike Length Exp:	Metallics:	123	378	20500	2628
	Elevation	Sample Width:	True Width:	Secondaries: sMN, sGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault		Host : PHYL		16	304	45	10000
Sampled By: MIJ 22-Jun-19	collection of good looking bits from bottom of trench							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901510 Haldane

Grid North: UTM 7084494 N | Grid East: UTM 454214 E | Type: Float | Alteration: sCB, wQZ

Elevation | Sample Width: 0.4 m | True Width: 0.2 m | Strike Length Exp: | Metallics: | Secondaries: sGE

Fault | Host : BRXX

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.4	661	301
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
5	13	28	62

Sampled By: MIJ 23-Jun-19

well milled QRZT frags in CB-QZ matrix, GE from CB mostly

1901511 Haldane

Grid North: UTM 7084524 N | Grid East: UTM 454223 E | Type: Float | Alteration: sCB, mSI, wQZ

Elevation | Sample Width: 0.25 m | True Width: | Strike Length Exp: | Metallics: | Secondaries: sGE

Fault | Host : BRXX

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
230	6	3600	457
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
6	57	164	125

Sampled By: MIJ 23-Jun-19

gossanous bldrs, bx, vuggy matrix, wx'd?, QRZT, QRZTphy frags, small, matrix supported, old prospector sample(?) perched on bldr.

1901512 Haldane

Grid North: UTM 7083964 N | Grid East: UTM 454667 E | Type: Float | Alteration: sQZ, wMS

Elevation | Sample Width: 0.25 m | True Width: 0.25 m | Strike Length Exp: | Metallics: | Secondaries: sGE, wMN, wJA

Fault | Host : PHYL

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
82	77.2	14500	885
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
191	186	466	362

Sampled By: MIJ 23-Jun-19

bldr of bx in float, along side meta-QV, abt GE, MN on fracs?, vuggy QZ vnlts t/o

1901513 Haldane

Grid North: UTM 7084479 N | Grid East: UTM 454186 E | Type: Select/Grab | Alteration: mQZ, wSI

Elevation | Sample Width: 0.2 m | True Width: 0.2 m | Strike Length Exp: 2 | Metallics: | Secondaries: wGE, wJA

Breccia | Host : BRXX

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1	346	29
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	5	4	36

Sampled By: MIJ 26-Jun-19

well indurated breccia, vuggy fracs/vnts t/o, end of NW trench

1901514 Haldane

Grid North: UTM 7084498 N | Grid East: UTM 454176 E | Type: Select/Grab | Alteration: mQZ, wMS

Elevation | Sample Width: 0.15 m | True Width: 0.15 m | Strike Length Exp: 2 | Metallics: | Secondaries: sGE, wMN

Breccia | Host : QRZT

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
9	5.5	3430	503
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
8	54	43	69

Sampled By: MIJ 26-Jun-19

strong GE in fracs in Breccia, small zone in goss, SI'd QRZT sec

1901515 Haldane

Grid North: UTM 7084543 N | Grid East: UTM 454216 E | Type: Select/Grab | Alteration: mSI, wMS

Elevation | Sample Width: 0.2 m | True Width: 0.2 m | Strike Length Exp: 3 | Metallics: | Secondaries: sGE, wMN, wJA

Fault | Host : QRZT

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
10	3.5	2643	714
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
16	115	81	109

Sampled By: MIJ 26-Jun-19

shattered silic'd QRZT,GE, MN, JA in fracs, vugs, vnlts

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901516 Haldane	Grid North:	Grid East:	Type: Select/Grab	Alteration: wSI, sCY	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084547 N	UTM 454213 E	Strike Length Exp: 2	Metallics:	59	7.1	3785	61
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: sMN, wGE, mJA	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault		Host : QRZT		13	17	114	103
Sampled By: MIJ 26-Jun-19	CY(?) alt'd, r wx'd bx'd QRZT, MN form bands, looks like veins							
1901517 Haldane	Grid North:	Grid East:	Type: Select/Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084549 N	UTM 454209 E	Strike Length Exp: 2	Metallics:	14	7.3	4041	285
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: sGE, mJA, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Breccia		Host : BRXX		40	99	168	107
Sampled By: MIJ 26-Jun-19	could be ferricrete, difficult to tell							
1901518 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: wSI, wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084556 N	UTM 454200 E	Strike Length Exp: 2	Metallics:	-5	2.8	605	115
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Bedding		Host : QRZT		-3	45	14	63
Sampled By: MIJ 27-Jun-19	GE on fracs in lam's, grey QRZT, minor QZ vnlts, at27.3 m							
1901519 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084560 N	UTM 454195 E	Strike Length Exp: 2	Metallics:	5	1.6	701	435
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: mGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Bedding		Host : QRZT		-3	57	14	191
Sampled By: MIJ 27-Jun-19	fracs and veinlets around meta_QV boudin, drusy veinlets, at 33.7m							
1901520 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084568 N	UTM 454185 E	Strike Length Exp: 2	Metallics:	-5	1.1	220	73
	Elevation	Sample Width: 0.1 m	True Width: 0.1 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing		Host : QRZT		-3	13	3	30
Sampled By: MIJ 27-Jun-19	oxides on fracs, silicified QRZT, lower contact of QRZTphy?, at 47.sm							
1901521 Haldane	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082470 N	UTM 456771 E	Strike Length Exp: 2	Metallics:	93	4.3	366	177
	Elevation	Sample Width: 0.9 m	True Width: 0.8 m	Secondaries: sGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault 255°/72°		Host : FLTZ		3	37	260	179
Sampled By: MIJ 27-Jun-19	gouge and PHYL rock frags from fault, 3m depth							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901522 Haldane	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082462 N	UTM 456774 E	Strike Length Exp:	Metallics:	6	2.9	32	93
	Elevation	Sample Width:	True Width:	Secondaries: sGE, mJA, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : FLTZ		-3	28	430	333
Sampled By: MIJ 27-Jun-19	gougy material about 4 m depth in pit on fault. bedrock'ish.black PHYL as well							
1901523 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084130 N	UTM 454161 E	Strike Length Exp: 2	Metallics:	5	1.9	1267	22
	Elevation	Sample Width: 2 m	True Width:	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZTphy		6	30	18	178
Sampled By: MIJ 28-Jun-19	moderately cleaved QRZTphy, minor GE on fractures							
1901524 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mMS, wCB	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082427 N	UTM 456788 E	Strike Length Exp: 2	Metallics:	6	1.6	5	100
	Elevation	Sample Width: 0.4 m	True Width: 0.4 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Shearing 336°/60°		Host : PHYL		9	73	738	262
Sampled By: MIJ 27-Jun-19	wavy, strongly fol'dPHYL, large meat-QV's, lots of gossan							
1901525 Haldane	Grid North:	Grid East:	Type: Select/Grab	Alteration: wMS, wCL	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082429 N	UTM 456786 E	Strike Length Exp: 2	Metallics:	8	1.9	10	94
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: sGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Shearing 336°/60°		Host : PHYL		6	99	1004	226
Sampled By: MIJ 27-Jun-19	wx'd looking PHYL, clotty GE, after vein?, MU flakes							
1901526 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084129 N	UTM 454162 E	Strike Length Exp: 2	Metallics:	12	2.4	1757	34
	Elevation	Sample Width: 2 m	True Width:	Secondaries: mGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing 170°/85°		Host : QRZT		13	32	20	245
Sampled By: MIJ 28-Jun-19	lt grey to cream coloured, GE on fractures, wMN?, brittle rock							
1901527 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wGF	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084126 N	UTM 454164 E	Strike Length Exp: 2	Metallics:	6	1	758	9
	Elevation	Sample Width: 2.2 m	True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing 170°/85°		Host : FLTZ		4	12	15	47
Sampled By: MIJ 28-Jun-19	black, gougy, carbonaceous fault							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901528 Haldane

Grid North: UTM 7084124 N | Grid East: UTM 454167 E | Elevation | Sample Width: 2 m | Fracturing 170°/85°

Type: Chip | Strike Length Exp: 2 | True Width: | Host : QRZT

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
5	1.7	649	10
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
5	8	12	76

Sampled By: MIJ 28-Jun-19

highly frac'd, carbonaceous?

1901529 Haldane

Grid North: UTM 7084122 N | Grid East: UTM 454168 E | Elevation | Sample Width: 2 m

Type: Chip | Strike Length Exp: 2 | True Width: | Host : QRZT

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	0.7	143	5
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	4	8	75

Sampled By: MIJ 28-Jun-19

dk grey to black, carbonaceous?, highly frac'd

1901530 Haldane

Grid North: UTM 7084125 N | Grid East: UTM 454166 E | Elevation | Sample Width: 0.8 m | Fracturing 170°/85°

Type: Chip | Strike Length Exp: 2 | True Width: | Host : BRXX

Alteration: mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	0.8	683	17
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
5	11	10	95

Sampled By: MIJ 28-Jun-19

grey, breccia zone, oblique to trench

1901531 Haldane

Grid North: UTM 7084459 N | Grid East: UTM 454221 E | Elevation | Sample Width: 0.2 m | Breccia

Type: Float | Strike Length Exp: | True Width: | Host : BRXX

Alteration: mSI, wCB | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	-0.3	137	9
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	2	4	58

Sampled By: MIJ 28-Jun-19

QZ vnlt breccia, drusy vugs, no GE,MN, structure projcts beyond end of trench?

1901532 Haldane

Grid North: UTM 7084448 N | Grid East: UTM 454211 E | Elevation | Sample Width: 2 m

Type: Float | Strike Length Exp: | True Width: | Host : QRZT

Alteration: wSI, wQZ | Metallics: | Secondaries: wGE, wMN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
8	1.8	1234	20
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
6	12	27	94

Sampled By: MIJ 28-Jun-19

scattered float at end of trench from ovb?, seems like a bx zone just beyond trench

1901533 Haldane

Grid North: UTM 7084447 N | Grid East: UTM 454212 E | Elevation | Sample Width: 0.15 m

Type: Float | Strike Length Exp: | True Width: | Host : BRXX

Alteration: mSI | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
10	4.5	3076	17
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
3	21	48	82

Sampled By: MIJ 28-Jun-19

float of breccia, wx'd sx?

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901534 Haldane

Grid North: UTM 7080195 N | Grid East: UTM 455827 E | Elevation | Sample Width: 0.1 m

Type: Float | Strike Length Exp: | True Width: 0.1 m | Host : SCHS

Alteration: mMU | Metallics: | Secondaries: wGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	0.3	50	646
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	20	10	1848

Sampled By: MIJ 29-Jun-19

1-2mm GE/QZ?, fracfillings adjacent to meta-QV in SCHS, GE after CB?

1901535 Haldane

Grid North: UTM 7080196 N | Grid East: UTM 455826 E | Elevation | Sample Width: 0.2 m

Type: Float | Strike Length Exp: 2 | True Width: 0.1 m | Host : SCHS

Alteration: mMS, wQZ | Metallics: | Secondaries: wGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	0.6	34	806
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	34	11	1608

Sampled By: MIJ 29-Jun-19

GE on fracs in MS SCHS, BI?

1901536 Haldane

Grid North: UTM 7080196 N | Grid East: UTM 455827 E | Elevation | Sample Width: 2 m

Type: Grab | Strike Length Exp: 2 | True Width: | Host : SCHS

Alteration: mMS | Metallics: | Secondaries: sGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
7	0.5	62	468
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	19	18	1864

Sampled By: MIJ 29-Jun-19

collection of gossanous frags from bottom of pit, heavy GE, around meta-QV's, but also on fracs

1901537 Haldane

Grid North: UTM 7080195 N | Grid East: UTM 455823 E | Elevation | Sample Width: 0.2 m

Type: Float | Strike Length Exp: | True Width: 0.1 m | Host : SCHS

Alteration: mMU, wQZ | Metallics: | Secondaries: mGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
24	1.1	124	519
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	21	10	205

Sampled By: MIJ 29-Jun-19

GE on schist planes, in fracs

1901538 Haldane

Grid North: UTM 7080148 N | Grid East: UTM 455829 E | Elevation | Sample Width: 0.15 m

Type: Float | Strike Length Exp: | True Width: 0.1 m | Host : SCHS

Alteration: mCB, wMS | Metallics: | Secondaries: mGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	-0.3	43	145
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	3	8	1650

Sampled By: MIJ 29-Jun-19

frac'd SCHS, with GE-QZ veinlets

1901551 Haldane

Grid North: UTM 7084481 N | Grid East: UTM 454183 E | Elevation 852 m | Sample Width: 1.35 m | Fault 045°/60°

Type: Chip | Strike Length Exp: 2 | True Width: 1.35 m | Host : QRZT

Alteration: wSI | Metallics: | Secondaries: wGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
7	4	983	23
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	6	4	48

Sampled By: MIJ 25-Jun-19

material is highly fractured, mostly black, sample taken one side of fault

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901552 Haldane

Grid North: UTM 7084481 N | Grid East: UTM 454184 E | Elevation
Sample Width: 0.6 m | Fault 045°/60°
Type: Chip | Strike Length Exp: 2 | True Width: 0.6 m | Host : QRZT
Alteration: wSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
6	4.6	659	18
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	7	8	45

Sampled By: MIJ 25-Jun-19

tan, quartz-rich, micaceous rock, highly frac'd, very fg, greasy feel, wx'd and clay-rich?,

1901553 Haldane

Grid North: UTM 7084481 N | Grid East: UTM 454184 E | Elevation
Sample Width: 0.66 m | Fault 015°/78°
Type: Chip | Strike Length Exp: 2 | True Width: 0.66 m | Host : QRZT
Alteration: wSi | Metallics: | Secondaries: mGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
9	7.3	947	127
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	32	33	99

Sampled By: MIJ 25-Jun-19

grey, red wx'd and oxidized breccia, greasy micaceous dust on fracs

1901554 Haldane

Grid North: UTM 7084480 N | Grid East: UTM 454185 E | Elevation
Sample Width: 0.66 m | Fault 015°/78°
Type: Chip | Strike Length Exp: 2 | True Width: 0.66 m | Host : QRZT
Alteration: wSI | Metallics: | Secondaries: sGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
11	1.7	768	245
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	34	29	110

Sampled By: MIJ 26-Jun-19

grey, reddish wx'ing, oxidized breccia, similar to 553

1901555 Haldane

Grid North: UTM 7084475 N | Grid East: UTM 454195 E | Elevation
Sample Width: 0.15 m | Fracturing
Type: Grab | Strike Length Exp: | True Width: 0.15 m | Host : QRZTphy
Alteration: wSI | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.3	876	22
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	7	3	46

Sampled By: MIJ 25-Jun-19

frac'd QRZT, minor QZ vnlts, with JA

1901556 Haldane

Grid North: UTM 7084472 N | Grid East: UTM 454198 E | Elevation
Sample Width: 0.25 m | Breccia
Type: Float | Strike Length Exp: | True Width: 0.25 m | Host : BRXX
Alteration: mCB, mSI, wQZ | Metallics: | Secondaries: sGE, wMN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	3.4	3047	302
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
4	26	20	100

Sampled By: MIJ 25-Jun-19

breccia from just upslope, highly fractured

1901557 Haldane

Grid North: UTM 7084468 N | Grid East: UTM 454200 E | Elevation
Sample Width: | S1 104°/20°
Type: Grab | Strike Length Exp: | True Width: | Host : QRZTphy
Alteration: wSI | Metallics: | Secondaries: wGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.6	399	11
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	8	9	26

Sampled By: MIJ 27-Jun-19

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901558 Haldane

Grid North: UTM 7084464 N | Grid East: UTM 454203 E | Type: Grab | Alteration: wSi
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wGe
S1 104°/40° | Host : QRZTphy

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	3.3	104	4
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	3	2	22

Sampled By: MIJ 27-Jun-19

a small fold hinge occurs here, obvious in PHYL layer, wavy fol'n

1901559 Haldane

Grid North: UTM 7084461 N | Grid East: UTM 454205 E | Type: Grab | Alteration: wSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wGE
S1 081°/08° | Host : QRZTphy

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
9	8	1514	72
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	64	31	57

Sampled By: MIJ 27-Jun-19

1901560 Haldane

Grid North: UTM 7084457 N | Grid East: UTM 454206 E | Type: Grab | Alteration: wSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wGE
S1 081°/08° | Host : QRZTphy

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
5	5.1	829	31
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	21	15	74

Sampled By: MIJ 27-Jun-19

1901561 Haldane

Grid North: UTM 7084453 N | Grid East: UTM 454209 E | Type: Grab | Alteration: wSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wGE
Host : QRZTphy

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	4.7	1081	23
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	13	12	28

Sampled By: MIJ 27-Jun-19

1901562 Haldane

Grid North: UTM 7084448 N | Grid East: UTM 454211 E | Type: Grab | Alteration: wSI
Elevation | Sample Width: | Strike Length Exp: | True Width: | Metallics: | Secondaries: wGE
Host : QRZTphy

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
9	2.9	633	9
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
4	7	6	38

Sampled By: MIJ 27-Jun-19

for 20 m roxk is consistent, QRZT bed overalin by PHYL, oxidized meta-QV's

1901563 Haldane

Grid North: UTM 7084475 N | Grid East: UTM 454194 E | Type: Grab | Alteration: wQZ, wSi
Elevation | Sample Width: 0.15 m | Strike Length Exp: | True Width: 0.15 m | Metallics: | Secondaries: wGE
Host : QRZT

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	2.6	424	16
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	5	4	27

Sampled By: MIJ 25-Jun-19

weakly silicified QRZT no margin of alteration/fault zone, random grab

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901564 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mSI, wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084477 N	UTM 454192 E	Strike Length Exp: 2	Metallics:	-5	1.4	271	16
	Elevation	Sample Width: 0.3 m	True Width: 0.2 m	Secondaries: wGE, wJA	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Altn		Host : QRZT		-3	6	2	24
Sampled By: MIJ 25-Jun-19	QZ vnlts cmmon in grey silic'd QRZT							
1901565 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mSI, wQZ	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084478 N	UTM 454191 E	Strike Length Exp: 2	Metallics:	-5	1	558	31
	Elevation	Sample Width: 0.3 m	True Width: m	Secondaries: mGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Veinlets		Host : QRZT		-3	9	5	28
Sampled By: MIJ 25-Jun-19	drusy vuggy vnlts in frac'd silic'd QRZT, GE in fracs venlts, approaching bx zone							
1901566 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mSI, mQZ, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084479 N	UTM 454190 E	Strike Length Exp: 2	Metallics:	-5	0.5	287	23
	Elevation	Sample Width: 0.2 m	True Width: 0.2 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing		Host : QRZT		-3	4	3	29
Sampled By: MIJ 25-Jun-19	highly frac'd QRZT, vuggy vnlts, multi-fracture orientations, adjacent breccia zone							
1901567 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084480 N	UTM 454190 E	Strike Length Exp: 2	Metallics:	-5	0.8	594	45
	Elevation	Sample Width: 1.4 m	True Width: 1.4 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing 205°/81°		Host : QRZT		-3	8	7	36
Sampled By: MIJ 26-Jun-19	frac'd QRZT adjacent to the Breccia zone, drusy vuggy QZ vnlts							
1901568 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mSI, wCB	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084480 N	UTM 454189 E	Strike Length Exp: 2	Metallics:	-5	0.9	482	67
	Elevation	Sample Width: 0.9 m	True Width: 0.9 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing 205°/81°		Host : BRXX		-3	11	9	48
Sampled By: MIJ 26-Jun-19	not well developed breccia zone, more obvius in trench floor							
1901569 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084483 N	UTM 454183 E	Strike Length Exp: 2	Metallics:	-5	4.8	644	16
	Elevation	Sample Width: 2 m	True Width: 2 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing 015°/78°		Host : QRZTphy		-3	7	8	28
Sampled By: MIJ 26-Jun-19	grey to black, highly frac'd, QRZT mostly, greasy from fault ,							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901570 Haldane
Grid North: UTM 7084484 N
Grid East: UTM 454182 E
Elevation
Sample Width: 2 m
Fracturing
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrzt
Alteration:
Metallics:
Secondaries:
H.S.
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	6.7	974	21
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	10	9	30

1901571 Haldane
Grid North: UTM 7084486 N
Grid East: UTM 454181 E
Elevation
Sample Width: 2 m
Fracturing
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrzt
Alteration:
Metallics:
Secondaries:
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.4	223	6
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	3	4	29

1901572 Haldane
Grid North: UTM 7084488 N
Grid East: UTM 454180 E
Elevation
Sample Width: 2 m
Fracturing
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrzt
Alteration:
Metallics:
Secondaries:
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	2	509	14
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	6	8	30

1901573 Haldane
Grid North: UTM 7084490 N
Grid East: UTM 454179 E
Elevation
Sample Width: 2 m
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrzt
Alteration: mSi
Metallics:
Secondaries: wGe
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	3.6	1140	19
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	6	8	32

1901574 Haldane
Grid North: UTM 7084492 N
Grid East: UTM 454179 E
Elevation
Sample Width: 2 m
Fracturing
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrzt
Alteration: mSi
Metallics:
Secondaries: wGe
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
6	3.8	1337	24
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	10	5	40

1901575 Haldane
Grid North: UTM 7084493 N
Grid East: UTM 454178 E
Elevation
Sample Width: 2 m
Fracturing
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host : Qrtz
Alteration: mSi
Metallics:
Secondaries: WGe
H.S.
Sampled By: MIJ
26-Jun-19

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
11	13.4	875	52
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	41	13	48

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901576 Haldane	Grid North:	Grid East:	Type: Grab	Alteration: mSi	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084495 N	UTM 454177 E	Strike Length Exp: 2	Metallics:	7	7.2	693	31
	Elevation	Sample Width: 2 m	True Width: 2 m	Secondaries: wGe	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing		Host : qrtz		-3	15	4	38
Sampled By: MIJ 26-Jun-19								
1901577 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084496 N	UTM 454176 E	Strike Length Exp: 2	Metallics:	8	10.1	1375	99
	Elevation	Sample Width: 2.1 m	True Width: 2.1 m	Secondaries: wJA, wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZT		3	36	34	55
Sampled By: MIJ 26-Jun-19	frac'd to weakly bx'd QRZT							
1901578 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084497 N	UTM 454176 E	Strike Length Exp: 2	Metallics:	7	5.6	1402	360
	Elevation	Sample Width: 1.15 m	True Width: 1.15 m	Secondaries: mGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Breccia		Host : BRXX		6	21	24	62
Sampled By: MIJ 26-Jun-19	poor exposure but bedrock frags are generally bx'd							
1901579 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mSI, wMS, wCY	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084499 N	UTM 454175 E	Strike Length Exp: 2	Metallics:	24	2.1	1363	182
	Elevation	Sample Width: 0.9 m	True Width: 0.9 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Breccia		Host : QRZT		3	14	10	41
Sampled By: MIJ 26-Jun-19	not as obvious bx'd as 78, QZ rich, frac'd, locally comminuted, CY alt'n?							
1901580 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084500 N	UTM 454174 E	Strike Length Exp: 2	Metallics:	13	2.6	1730	201
	Elevation	Sample Width: 1.65 m	True Width: 1.65 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fracturing		Host : QRZT		5	19	25	60
Sampled By: MIJ 26-Jun-19	oxides locally, on fracs							
1901581 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084501 N	UTM 454174 E	Strike Length Exp: 2	Metallics:	-5	1.6	1049	40
	Elevation	Sample Width: 1.05 m	True Width: 1.05 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZT		-3	8	7	51
Sampled By: MIJ 26-Jun-19	GE on fracs, QRZT is silic'd, bleached locally							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901582 Haldane	Grid North:		Grid East:		Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084503	N	UTM 454173	E	Strike Length Exp: 2	Metallics:	5	2.1	938	45
	Elevation		Sample Width: 0.9	m	True Width: 0.9 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : FELS		4	7	6	37
Sampled By: MIJ 26-Jun-19	wx'd, anomalous condition, DYKE?, can't pick up contacts.									
1901583 Haldane	Grid North:		Grid East:		Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084504	N	UTM 454173	E	Strike Length Exp: 2	Metallics:	-5	7.4	1360	54
	Elevation		Sample Width: 2.25	m	True Width: 2.25 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		4	12	6	39
Sampled By: MIJ 26-Jun-19	relatively unalt'd appearance									
1901584 Haldane	Grid North:		Grid East:		Type: Chip	Alteration: mSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084506	N	UTM 454172	E	Strike Length Exp: 2	Metallics:	-5	4.2	1853	77
	Elevation		Sample Width: 2.2	m	True Width: 2.2 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		6	13	16	50
Sampled By: MIJ 26-Jun-19	bleached patches in silicified QRZT, GE on fracs can be strong									
1901585 Haldane	Grid North:		Grid East:		Type: Chip	Alteration: mSI, wMS	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084508	N	UTM 454171	E	Strike Length Exp: 2	Metallics:	-5	8.2	1130	33
	Elevation		Sample Width: 2.4	m	True Width: 2.4 m	Secondaries: wGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		-3	9	4	47
Sampled By: MIJ 26-Jun-19	bleached patches in silicified QRZT, GE on fracs can be strong									
1901586 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084511	N	UTM 454169	E	Strike Length Exp: 2	Metallics:	-5	2	513	11
	Elevation		Sample Width: 2	m	True Width: 2 m	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		-3	4	2	42
Sampled By: MIJ 26-Jun-19										
1901587 Haldane	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084513	N	UTM 454168	E	Strike Length Exp: 2	Metallics:	-5	3.2	910	23
	Elevation		Sample Width: 2	m	True Width: 2 m	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		-3	7	3	41
Sampled By: MIJ 26-Jun-19										

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901588 Haldane

Grid North: UTM 7084515 N
Elevation
Grid East: UTM 454167 E
Sample Width: 2 m
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	2.4	580	45
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	7	4	44

Sampled By: MIJ
26-Jun-19

H.S.

1901589 Haldane

Grid North: UTM 7084517 N
Elevation
Grid East: UTM 454166 E
Sample Width: 2 m
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.3	470	39
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	6	5	79

Sampled By: MIJ
26-Jun-19

1901590 Haldane

Grid North: UTM 7084519 N
Elevation
Grid East: UTM 454165 E
Sample Width: 2 m
Type: Grab
Strike Length Exp: 2
True Width: 2 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	1.4	455	40
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	10	5	118

Sampled By: MIJ
26-Jun-19

1901591 Haldane

Grid North: UTM 7084541 N
Elevation
Fault
Grid East: UTM 454220 E
Sample Width: 2 m
Type: Chip
Strike Length Exp: 2
True Width:
Host : QRZT
Alteration: mSI, wMS
Metallics:
Secondaries: sGE, wMN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
23	6.6	2321	126
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
13	47	93	83

Sampled By: MIJ
27-Jun-19

bedrock? float in bottom of trench is consistent, point is mid sample, sample from 2-4 m.

1901592 Haldane

Grid North: UTM 7084542 N
Elevation
Fault
Grid East: UTM 454218 E
Sample Width: 2 m
Type: Chip
Strike Length Exp: 2
True Width:
Host : QRZT
Alteration: mSI, wMS
Metallics:
Secondaries: sGE, wMN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
5	2.2	836	73
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
5	19	36	65

Sampled By: MIJ
27-Jun-19

shattered QRZT, sample from 3-5 m

1901593 Haldane

Grid North: UTM 7084546 N
Elevation
Breccia
Grid East: UTM 454213 E
Sample Width: 2 m
Type: Chip
Strike Length Exp: 2
True Width:
Host : QRZTphy
Alteration:
Metallics:
Secondaries: sMN, sGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
75	15.6	3222	36
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
9	16	96	157

Sampled By: MIJ
27-Jun-19

brecciated, wx'd rock, QRZTphy, argillaceous?, 9.7-11.7 m

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901594 Haldane

Grid North: UTM 7084547 N | Grid East: UTM 454212 E | Type: Chip | Strike Length Exp: 2 | Alteration: wQZ, wSI | Metallics: | Secondaries: mMN, mGE

Elevation | Sample Width: 2.1 m | True Width: | Host : BRXX

Breccia

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
16	4.8	1066	19
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
5	9	32	67

Sampled By: MIJ 27-Jun-19

bx'd QRZTphy, or ferricrete, MN more than GE, 11.7-13.8m

1901595 Haldane

Grid North: UTM 7084548 N | Grid East: UTM 454210 E | Type: Chip | Strike Length Exp: 2 | Alteration: wQZ | Metallics: | Secondaries: mGE, mMN

Elevation | Sample Width: 1.5 m | True Width: | Host : QRZTphy

Breccia

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
7	10.9	138	16
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	7	11	62

Sampled By: MIJ 27-Jun-19

more bx/ferricrete, minor drusy QZ in fracs, 13.8-15.3m

1901596 Haldane

Grid North: UTM 7084549 N | Grid East: UTM 454209 E | Type: Chip | Strike Length Exp: 2 | Alteration: | Metallics: | Secondaries: sGE, wMN

Elevation | Sample Width: 1.9 m | True Width: | Host : QRZTphy

Breccia

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
10	8.8	1167	231
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
16	52	100	94

Sampled By: MIJ 27-Jun-19

bx/ferricrete, more GE, cementing phyllite frags, 15.3-17.2m

1901597 Haldane

Grid North: UTM 7084544 N | Grid East: UTM 454215 E | Type: Chip | Strike Length Exp: | Alteration: | Metallics: | Secondaries: sGE, mMN

Elevation | Sample Width: 1.4 m | True Width: 1.4 m | Host : BRXX

Fault

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
27	6.5	5364	172
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
32	95	252	59

Sampled By: MIJ 27-Jun-19

breccia or ferricrete, 8.3-9.7 m

1901598 Haldane

Grid North: UTM 7084550 N | Grid East: UTM 454207 E | Type: Chip | Strike Length Exp: 2 | Alteration: | Metallics: | Secondaries: sGE

Elevation | Sample Width: 2 m | True Width: | Host : QRZTphy

Fault

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
7	8.6	4269	154
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
16	69	112	79

Sampled By: MIJ 27-Jun-19

ferricrete, cements frags, no drusy QZ, 17.2-19.2m

1901599 Haldane

Grid North: UTM 7084551 N | Grid East: UTM 454206 E | Type: Chip | Strike Length Exp: 2 | Alteration: wSI | Metallics: | Secondaries: wGE

Elevation | Sample Width: 2 m | True Width: | Host : QRZT

Fracturing

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
6	34.1	543	82
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
6	23	34	101

Sampled By: MIJ 27-Jun-19

QRZT bed in QRZTphy, GE on fracs, minor bx included, 19.2-21.2m

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

1901600 Haldane	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084553 N	UTM 454204 E	Strike Length Exp: 2	Metallics:	10	14.2	310	157
	Elevation	Sample Width: 2 m	True Width:	Secondaries: sGE	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
	Fault		Host : QRZT		9	49	52	132
Sampled By: MIJ 27-Jun-19	GE stronger than 599, more bx?, still QRZT bed, 21.2-23.2m							
S193130 Haldane	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084467 N	UTM 454229 E	Strike Length Exp:	Metallics:	7	0.8	112	28
	Elevation	Sample Width:	True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZT		-3	10	16	24
Sampled By: EAL 27-Jun-19	QRZT float w/ QV that have Fe oxide stained void spaces medial in vein.							
S193131 Haldane	Grid North:	Grid East:	Type: Float+Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084303 N	UTM 454168 E	Strike Length Exp:	Metallics:	22	35.7	12800	4960
	Elevation	Sample Width:	True Width:	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZT		111	242	431	417
Sampled By: EAL 27-Jun-19	Fault breccia, QRZT host rock. Fe oxide matrix. Locally manganese oxides.							
S193132 Haldane	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7084087 N	UTM 454052 E	Strike Length Exp:	Metallics:	-5	-0.3	35	22
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QRZT		-3	5	17	49
Sampled By: EAL 27-Jun-19	Medium gre QRZT. Float from within soil pit w/ anomslous Pb. Fe-oxide stained vuggy veins.							
S193133 Haldane	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7083871 N	UTM 454033 E	Strike Length Exp:	Metallics:	-5	-0.3	28	87
	Elevation	Sample Width: 0.5 m	True Width: 0.1 m	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : PHYL		-3	11	12	861
Sampled By: EAL 27-Jun-19	Vuggy, Fe-oxide stained (+Mn oxide??) QZ veins in dark grey phyllite.							
S193134 Haldane	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7083960 N	UTM 454170 E	Strike Length Exp:	Metallics:	-5	-0.3	16	62
	Elevation 1014	Sample Width: 30 m	True Width: 30 m	Secondaries:	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
			Host : QV		-3	47	7	137
Sampled By: EAL 27-Jun-19	QZ boulder with Fe oxide (+Mn oxide?) staining. Some PHYL wallrock inclusions? Locally vuggy.							

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

S193135 Haldane

Grid North: UTM 7084402 N | Grid East: UTM 452356 E | Elevation | Sample Width: 0.25 m | Vein 016°/78°

Type: Select/Grab | Strike Length Exp: 0.25 | True Width: 0.15 m | Host : SCHS

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
7	1.2	9	224
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	78	6	1182

Sampled By: EAL 27-Jun-19

Vuggy vein set with Mn oxide stain.

S193136 Haldane

Grid North: UTM 7083981 N | Grid East: UTM 454264 E | Elevation 983 | Sample Width: 0.15 m

Type: Float+Select | Strike Length Exp: | True Width: 0.15 m | Host : QRZT

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	-0.3	29	4
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	3	6	30

Sampled By: EAL 27-Jun-19

vuggy, Fe oxide stained (+ very weak Mn oxide stained??) QVs ~2 mm thick, veins crosscut weak foliation in QRZT at a high angle.

S193137 Haldane

Grid North: UTM 7084179 N | Grid East: UTM 454228 E | Elevation 912 | Sample Width: 0.15 m

Type: Float+Select | Strike Length Exp: | True Width: 0.15 m | Host : QRZT

Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
-5	-0.3	27	7
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	10	56	56

Sampled By: EAL 27-Jun-19

brecciated QRZT w/ Fe oxide matrix. Host QRZT wallrock matrix iron oxide stained.

S193138 Haldane

Grid North: UTM 7083823 N | Grid East: UTM 454473 E | Elevation 1056 | Sample Width: 3 m | Contact

Type: Select/Grab | Strike Length Exp: 3 | True Width: 2 m | Host : PHYL and DIOR

Alteration: | Metallics: | Secondaries: MNGE

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
5	-0.3	18	86
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	160	3	2588

Sampled By: EAL 22-Jun-19

moderate MN oxide bleeding out locally at contact between PHYL and DIOR. some boudinage QZ w/ Mn oxide stain

S193139 Haldane

Grid North: UTM 7080741 N | Grid East: UTM 456110 E | Elevation 1093 | Sample Width: 0.2 m

Type: Float | Strike Length Exp: | True Width: 0.2 m | Host :

Alteration: | Metallics: | Secondaries: GE, MN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
22	-0.3	16	49
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	8	8	151

Sampled By: EAL 23-Jun-19

20 cm diameter QZ w/ fe oxide stain and Mn oxide stain

S193140 Haldane

Grid North: UTM 7081103 N | Grid East: UTM 456484 E | Elevation 1259 | Sample Width: 0.2 m | Fault

Type: Grab | Strike Length Exp: | True Width: 0.2 m | Host :

Alteration: | Metallics: | Secondaries: GE, MN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
279	17.3	71	1909
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
13	180	467	1275

Sampled By: EAL 23-Jun-19

BRXX in fault zone.

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

S193141 Haldane	Grid North:		Grid East:		Type: Grab	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7082293	N	UTM 456941	E	Strike Length Exp:	Metallics:	218	317	4728	2901
	Elevation 1232		Sample Width: 20	m	True Width: 20 m	Secondaries: GE, MN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		16	29	66	10000
Sampled By: EAL 24-Jun-19	brecciated QZ rich phyllite. wavy foliation. Mn and Fe oxideon fracture planes and in breccia matrix.									
S193142 Haldane	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7081506	N	UTM 457411	E	Strike Length Exp:	Metallics:	6	0.8	10	282
	Elevation 1306		Sample Width: 0.25	m	True Width: 0.15 m	Secondaries: GE, MN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT or QRZTphy		-3	63	1777	2792
Sampled By: EAL 24-Jun-19	vuggy QVs w/ Mn oxide and Fe oxide. Mn oxide and Fe oxide on phyllitic partings.									
S193143 Haldane	Grid North:		Grid East:		Type: Float+Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7080947	N	UTM 456235	E	Strike Length Exp:	Metallics:	6	1	35	53
	Elevation 1158		Sample Width: 0.2	m	True Width: 0.03 m	Secondaries: GE, MN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		-3	11	23	2423
Sampled By: EAL 28-Jun-19	Vuggy QV within SCHS. Fe oxide and very dark grey, soft material.									
S193144 Haldane	Grid North:		Grid East:		Type: Float+Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7081050	N	UTM 456430	E	Strike Length Exp:	Metallics:	56	7.4	63	1105
	Elevation 1246		Sample Width: 0.15	m	True Width: 0.15 m	Secondaries: GE, MN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host : QRZT		138	291	2728	183
Sampled By: EAL 28-Jun-19	Vuggy breccia. QRZT host rock clasts. QRZT very broken. Fe oxide and Mn oxide matrix. Well formed QZ form walls of some vugs.									
S193145 Haldane	Grid North:		Grid East:		Type: Float+Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7081085	N	UTM 456463	E	Strike Length Exp:	Metallics:	98	7.3	130	6804
	Elevation 1250		Sample Width:		True Width:	Secondaries: GE, MN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		95	309	681	2202
Sampled By: EAL 28-Jun-19	Grabs of best looking float in BRXX fault zone. (last 30 m of fault zone).									
S193146 Haldane	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**
	UTM 7080101	N	UTM 456325	E	Strike Length Exp:	Metallics:	34	-0.3	14	13
	Elevation 931		Sample Width: 0.25	m	True Width: 0.25 m	Secondaries: sGE, wMN	**Sb (ppm)**	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
					Host :		4	24	80	85
Sampled By: EAL 29-Jun-19	Rusty, red grey breccia. QRZT host rock? Locally vuggy. Fe oxide and Mn oxide matrix and stain.									

Rock Sample Descriptions Haldane

Operator: Alianza Minerals **Project:** ANZ19-01 2019 **NTS:** 105M/13

S193147 Haldane

Grid North: UTM 7080385 N
Grid East: UTM 455785 E
Elevation
Sample Width: 0.2 m
Type: Float+Select
Strike Length Exp:
True Width: 0.03 m
Host : SCHS
Alteration:
Metallics:
Secondaries: GE, MN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
6	-0.3	13	79
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	17	14	448

Sampled By: EAL
29-Jun-19

Vuggy QV with Fe oxide and Mn oxide

S193148 Haldane

Grid North: UTM 7079450 N
Grid East: UTM 456187 E
Elevation 914
Sample Width: 0.3 m
Type: Float
Strike Length Exp:
True Width: 0.3 m
Host : FELS
Alteration: mSE
Metallics:
Secondaries: GE, MN

Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
6	-0.3	16	152
Sb (ppm)	**Cu (ppm)**	**As (ppm)**	**Mn (ppm)**
-3	-1	89	711

Sampled By: EAL
29-Jun-19

Rusty white, soft. SE altered??? cabonate. Mn oxide and Fe oxide stain on fractuers. ftacture surfaces / veins(?) fizz.

Appendix F: Rock Sample Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: July 03, 2019
Report Date: July 16, 2019
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI19000137.1

CLIENT JOB INFORMATION

Project:	Haldane
Shipment ID:	ANZ19-01_001
P.O. Number	ANZ19-01
Number of Samples:	122

SAMPLE DISPOSAL

RTRN-PLP	Return After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	122	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	122	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	122	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	122	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SLBHP	122	Sort, label and box pulps			WHI
SHP01	122	Per sample shipping charges for branch shipments			VAN
MA404	3	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

SOFIA DEVOTA
XRF Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
S193130	Rock	1.41	0.007	<1	10	112	28	0.8	<1	<1	24	0.57	16	<2	2	<0.5	<3	<3	2	<0.01	0.004
S193131	Rock	0.98	0.022	5	242	>10000	4960	35.7	229	18	417	26.62	431	<2	16	7.7	111	7	29	0.03	0.601
S193132	Rock	0.43	<0.005	<1	5	35	22	<0.3	3	<1	49	0.95	17	<2	5	<0.5	<3	<3	7	0.02	0.028
S193133	Rock	0.52	<0.005	<1	11	28	87	<0.3	18	3	861	3.85	12	4	18	<0.5	<3	<3	32	0.07	0.061
S193134	Rock	0.91	<0.005	2	47	16	62	<0.3	25	3	137	0.96	7	<2	7	<0.5	<3	<3	4	0.06	0.054
S193135	Rock	1.16	0.007	<1	78	9	224	1.2	45	32	1182	5.05	6	<2	71	0.8	<3	<3	148	1.43	0.065
S193136	Rock	0.48	<0.005	<1	3	29	4	<0.3	<1	<1	30	0.51	6	<2	12	<0.5	<3	<3	3	0.01	0.011
S193137	Rock	1.19	<0.005	<1	10	27	7	<0.3	7	<1	56	0.73	56	<2	7	<0.5	<3	<3	5	0.03	0.057
S193138	Rock	0.76	0.005	8	160	18	86	<0.3	51	19	2588	2.40	3	5	22	<0.5	<3	<3	16	0.07	0.042
S193139	Rock	1.12	0.022	<1	8	16	49	<0.3	4	2	151	0.90	8	5	10	<0.5	<3	<3	2	0.07	0.034
S193140	Rock	1.59	0.279	15	180	71	1909	17.3	21	5	1275	12.06	467	<2	8	14.7	13	<3	10	0.01	0.040
S193141	Rock	1.03	0.218	5	29	4728	2901	>100	77	25	>10000	5.33	66	11	68	39.0	16	<3	32	0.08	0.049
S193142	Rock	1.00	0.006	12	63	10	282	0.8	123	47	2792	6.74	1777	3	113	5.4	<3	<3	10	0.04	0.092
S193143	Rock	1.03	0.006	1	11	35	53	1.0	24	11	2423	2.32	23	10	8	<0.5	<3	<3	8	0.05	0.017
S193144	Rock	0.54	0.056	5	291	63	1105	7.4	16	<1	183	14.96	2728	<2	6	34.6	138	<3	27	0.06	0.043
S193145	Rock	0.92	0.098	6	309	130	6804	7.3	91	11	2202	17.61	681	<2	4	31.6	95	<3	20	<0.01	0.026
S193146	Rock	0.68	0.034	<1	24	14	13	<0.3	3	<1	85	1.13	80	3	13	<0.5	4	<3	4	<0.01	0.020
S193147	Rock	0.45	0.006	<1	17	13	79	<0.3	20	10	448	3.37	14	11	3	<0.5	<3	<3	8	0.02	0.014
S193148	Rock	0.94	0.006	<1	<1	16	152	<0.3	8	2	711	0.36	89	7	61	1.7	<3	<3	<1	1.94	0.020
1900501	Rock	0.75	0.008	<1	16	1950	71	9.3	1	<1	76	0.43	22	<2	27	<0.5	8	<3	4	0.01	0.034
1900502	Rock	1.03	0.006	2	53	2208	567	20.5	12	<1	111	3.44	28	<2	3	<0.5	7	<3	15	<0.01	0.076
1900503	Rock	1.03	<0.005	2	204	112	127	0.4	6	<1	75	6.29	51	4	3	<0.5	<3	<3	7	<0.01	0.113
1900504	Rock	1.51	<0.005	1	441	11	2170	0.7	291	187	7347	6.49	28	<2	13	42.5	<3	<3	125	0.30	0.038
1900505	Rock	1.35	<0.005	<1	9	359	10	0.4	1	<1	58	0.40	9	<2	12	<0.5	5	<3	2	<0.01	0.015
1900506	Rock	1.07	0.040	2	29	278	171	3.7	9	1	1516	1.32	41	<2	8	0.9	<3	<3	5	0.04	0.023
1900507	Rock	0.91	0.010	1	28	50	105	4.5	4	<1	441	3.18	252	7	24	<0.5	<3	<3	19	0.11	0.052
1900508	Rock	0.54	0.007	1	21	39	83	8.5	5	<1	472	3.56	29	6	29	<0.5	<3	<3	21	0.11	0.078
1900509	Rock	0.82	0.123	2	304	>10000	2628	>100	32	16	>10000	10.40	45	10	20	74.1	16	<3	70	0.14	0.042
1900510	Rock	0.57	<0.005	<1	13	661	301	1.4	11	2	62	1.95	28	<2	3	<0.5	5	<3	5	<0.01	0.041
1900511	Rock	1.08	0.230	<1	57	3600	457	6.0	4	<1	125	4.99	164	<2	52	<0.5	6	<3	13	0.01	0.071

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
S193130	Rock	4	5	<0.01	21	<0.001	<20	0.05	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
S193131	Rock	6	18	0.01	53	<0.001	<20	0.67	<0.01	0.03	>100	0.07	<1	<5	<5	6	1.28	
S193132	Rock	8	12	0.28	21	0.001	<20	0.39	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
S193133	Rock	11	31	1.00	75	0.003	<20	2.02	<0.01	0.06	<2	<0.05	<1	<5	<5	<5		
S193134	Rock	4	6	0.20	69	<0.001	<20	0.68	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
S193135	Rock	2	81	1.69	685	0.246	<20	3.61	0.20	0.06	<2	<0.05	<1	<5	9	8		
S193136	Rock	7	9	0.02	21	0.002	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
S193137	Rock	8	10	<0.01	18	<0.001	<20	0.23	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
S193138	Rock	11	17	0.90	621	0.025	<20	1.37	<0.01	0.13	<2	<0.05	<1	<5	<5	<5		
S193139	Rock	10	7	0.10	26	0.001	<20	0.29	<0.01	0.08	<2	<0.05	<1	<5	<5	<5		
S193140	Rock	7	4	<0.01	131	<0.001	<20	0.16	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
S193141	Rock	17	35	0.51	59	0.002	<20	1.38	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		317
S193142	Rock	10	8	0.05	205	0.002	<20	0.44	<0.01	0.12	<2	<0.05	<1	<5	<5	<5		
S193143	Rock	15	10	0.57	179	0.018	<20	1.20	<0.01	0.24	<2	<0.05	<1	<5	<5	<5		
S193144	Rock	8	8	0.02	58	0.002	<20	0.31	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
S193145	Rock	13	6	0.04	97	<0.001	<20	0.32	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
S193146	Rock	15	7	<0.01	47	<0.001	<20	0.12	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
S193147	Rock	20	15	0.43	43	0.006	<20	0.92	0.04	0.15	<2	<0.05	<1	<5	<5	<5		
S193148	Rock	15	1	0.04	139	<0.001	<20	0.46	<0.01	0.17	<2	<0.05	<1	<5	<5	<5		
1900501	Rock	4	6	<0.01	40	0.001	<20	0.15	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900502	Rock	5	9	<0.01	32	<0.001	<20	0.19	<0.01	0.02	4	<0.05	<1	<5	<5	<5		
1900503	Rock	5	12	<0.01	23	<0.001	<20	0.20	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900504	Rock	13	77	2.17	276	0.113	<20	3.42	0.02	0.02	<2	<0.05	<1	<5	<5	9		
1900505	Rock	6	7	<0.01	34	0.001	<20	0.10	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900506	Rock	5	14	0.12	24	<0.001	<20	0.27	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900507	Rock	35	29	0.75	177	0.002	<20	1.52	<0.01	0.16	<2	0.06	<1	<5	<5	<5		
1900508	Rock	34	31	0.71	140	0.001	<20	1.39	<0.01	0.14	<2	0.09	<1	<5	<5	<5		
1900509	Rock	8	64	0.89	255	0.006	<20	2.87	<0.01	0.03	<2	0.05	<1	<5	<5	<5	2.05	378
1900510	Rock	5	5	<0.01	29	<0.001	<20	0.18	<0.01	0.05	8	<0.05	<1	<5	<5	<5		
1900511	Rock	9	11	<0.01	54	<0.001	<20	0.28	<0.01	0.04	<2	0.06	<1	<5	<5	<5		

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Bureau Veritas Commodities Canada Ltd.

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1900512	Rock	1.46	0.082	12	186	>10000	885	77.2	8	1	362	7.12	466	2	143	3.3	191	<3	46	0.02	0.166
1900513	Rock	1.42	<0.005	<1	5	346	29	1.0	2	<1	36	0.43	4	<2	2	<0.5	<3	<3	2	<0.01	0.011
1900514	Rock	0.93	0.009	3	54	3430	503	5.5	9	1	69	3.73	43	<2	4	<0.5	8	<3	8	<0.01	0.059
1900515	Rock	0.90	0.010	5	115	2643	714	3.5	10	1	109	6.31	81	3	72	<0.5	16	<3	12	0.02	0.068
1900516	Rock	1.24	0.059	1	17	3785	61	7.1	1	<1	103	0.65	114	<2	27	<0.5	13	<3	12	0.01	0.061
1900517	Rock	0.81	0.014	3	99	4041	285	7.3	4	<1	107	4.38	168	3	13	<0.5	40	<3	11	0.01	0.047
1900518	Rock	0.96	<0.005	<1	45	605	115	2.8	3	<1	63	0.88	14	<2	3	<0.5	<3	<3	6	<0.01	0.023
1900519	Rock	0.73	0.005	<1	57	701	435	1.6	7	1	191	2.99	14	3	4	1.2	<3	<3	8	0.02	0.061
1900520	Rock	0.84	<0.005	<1	13	220	73	1.1	2	<1	30	0.43	3	<2	1	<0.5	<3	<3	2	<0.01	0.011
1900521	Rock	2.71	0.093	<1	37	366	177	4.3	6	<1	179	2.21	260	4	12	<0.5	3	<3	17	0.06	0.035
1900522	Rock	1.34	0.006	2	28	32	93	2.9	7	1	333	2.54	430	6	35	<0.5	<3	<3	28	0.09	0.029
1900523	Rock	1.34	0.005	1	30	1267	22	1.9	2	<1	178	0.60	18	<2	15	<0.5	6	<3	6	0.02	0.027
1900524	Rock	1.17	0.006	5	73	5	100	1.6	21	5	262	3.76	738	9	14	<0.5	9	<3	27	0.07	0.055
1900525	Rock	2.66	0.008	3	99	10	94	1.9	41	5	226	4.81	1004	13	75	<0.5	6	<3	25	0.11	0.076
1900526	Rock	1.52	0.012	3	32	1757	34	2.4	1	<1	245	0.44	20	2	19	<0.5	13	<3	5	0.02	0.034
1900527	Rock	1.72	0.006	<1	12	758	9	1.0	1	<1	47	0.39	15	2	16	<0.5	4	<3	6	0.02	0.019
1900528	Rock	1.34	0.005	<1	8	649	10	1.7	1	<1	76	0.33	12	<2	20	<0.5	5	<3	4	0.01	0.018
1900529	Rock	1.21	<0.005	<1	4	143	5	0.7	1	<1	75	0.50	8	<2	11	<0.5	<3	<3	3	<0.01	0.008
1900530	Rock	0.68	<0.005	<1	11	683	17	0.8	1	<1	95	0.35	10	<2	17	<0.5	5	<3	4	0.01	0.019
1900531	Rock	0.84	<0.005	<1	2	137	9	<0.3	1	<1	58	0.40	4	<2	17	<0.5	<3	<3	4	0.01	0.015
1900532	Rock	0.76	0.008	2	12	1234	20	1.8	2	1	94	0.63	27	4	15	<0.5	6	<3	8	0.01	0.025
1900533	Rock	0.66	0.010	2	21	3076	17	4.5	1	<1	82	0.75	48	3	25	<0.5	3	<3	8	<0.01	0.043
1900534	Rock	0.65	<0.005	<1	20	50	646	0.3	23	11	1848	2.97	10	8	16	32.5	<3	<3	7	1.52	0.023
1900535	Rock	0.85	<0.005	<1	34	34	806	0.6	39	19	1608	3.75	11	13	21	33.6	<3	<3	9	1.61	0.028
1900536	Rock	1.03	0.007	<1	19	62	468	0.5	18	8	1864	2.54	18	11	94	17.9	<3	<3	6	2.53	0.021
1900537	Rock	1.51	0.024	<1	21	124	519	1.1	4	1	205	1.36	10	8	4	7.4	<3	<3	3	0.06	0.012
1900538	Rock	0.77	<0.005	<1	3	43	145	<0.3	3	<1	1650	0.62	8	4	199	10.4	<3	<3	1	8.82	0.010
1900551	Rock	1.46	0.007	2	6	983	23	4.0	1	<1	48	0.56	4	3	11	<0.5	<3	<3	10	0.01	0.026
1900552	Rock	1.18	0.006	2	7	659	18	4.6	1	<1	45	0.45	8	3	9	<0.5	<3	<3	7	0.05	0.017
1900553	Rock	1.01	0.009	2	32	947	127	7.3	4	<1	99	1.85	33	7	14	0.5	<3	<3	33	0.02	0.045

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
1900512	Rock	7	20	0.01	38	0.002	<20	0.59	<0.01	0.03	<2	0.15	<1	<5	7	<5	1.45	
1900513	Rock	3	7	<0.01	20	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900514	Rock	5	11	<0.01	16	<0.001	<20	0.25	<0.01	0.01	<2	<0.05	<1	<5	<5	<5		
1900515	Rock	9	15	0.01	96	0.002	<20	0.29	<0.01	0.02	<2	<0.05	<1	<5	6	<5		
1900516	Rock	12	15	<0.01	57	<0.001	<20	0.25	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900517	Rock	5	9	0.02	49	0.002	<20	0.22	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900518	Rock	8	8	0.01	35	0.001	<20	0.19	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900519	Rock	8	13	0.01	48	0.002	<20	0.29	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900520	Rock	5	6	<0.01	18	<0.001	<20	0.10	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900521	Rock	16	19	0.27	143	0.001	<20	0.79	<0.01	0.13	<2	<0.05	<1	<5	<5	<5		
1900522	Rock	28	30	0.76	287	0.002	<20	1.25	0.01	0.13	<2	0.14	<1	<5	5	<5		
1900523	Rock	5	9	0.02	71	0.002	<20	0.27	<0.01	0.07	<2	<0.05	<1	<5	<5	<5		
1900524	Rock	28	28	0.71	253	0.002	<20	1.36	<0.01	0.13	<2	<0.05	<1	<5	5	<5		
1900525	Rock	40	21	0.26	366	0.002	32	0.92	0.01	0.22	<2	0.10	<1	<5	6	<5		
1900526	Rock	8	8	0.01	54	0.001	<20	0.20	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900527	Rock	11	9	0.01	73	0.002	<20	0.26	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900528	Rock	7	8	<0.01	57	<0.001	<20	0.15	<0.01	0.06	<2	<0.05	<1	<5	<5	<5		
1900529	Rock	7	8	<0.01	57	0.001	<20	0.15	<0.01	0.06	<2	<0.05	<1	<5	<5	<5		
1900530	Rock	5	7	<0.01	43	<0.001	<20	0.15	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900531	Rock	7	8	<0.01	43	<0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900532	Rock	10	12	0.01	88	0.002	<20	0.23	<0.01	0.08	<2	<0.05	<1	<5	<5	<5		
1900533	Rock	11	12	0.02	139	0.002	<20	0.38	<0.01	0.09	<2	0.08	<1	<5	<5	<5		
1900534	Rock	15	11	0.38	152	0.005	<20	1.06	0.01	0.24	<2	<0.05	<1	<5	<5	<5		
1900535	Rock	34	12	0.53	124	0.002	<20	1.50	0.01	0.32	<2	<0.05	<1	<5	6	<5		
1900536	Rock	21	7	0.26	117	0.003	<20	0.76	0.02	0.16	<2	<0.05	<1	<5	<5	<5		
1900537	Rock	15	4	0.11	53	0.002	<20	0.67	<0.01	0.24	<2	<0.05	<1	<5	<5	<5		
1900538	Rock	8	2	0.07	57	<0.001	<20	0.24	<0.01	0.13	<2	<0.05	<1	<5	<5	<5		
1900551	Rock	22	15	0.01	363	0.002	<20	0.39	<0.01	0.15	<2	<0.05	<1	<5	<5	<5		
1900552	Rock	23	10	0.01	272	0.001	<20	0.30	<0.01	0.12	<2	<0.05	<1	<5	<5	<5		
1900553	Rock	23	27	0.02	152	0.001	<20	0.54	0.01	0.13	<2	<0.05	<1	<5	<5	<5		

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Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1900554	Rock	0.77	0.011	<1	34	768	245	1.7	9	1	110	1.95	29	7	11	0.7	<3	<3	32	0.02	0.049
1900555	Rock	0.91	<0.005	<1	7	876	22	1.3	2	<1	46	0.39	3	<2	19	<0.5	<3	<3	4	0.02	0.035
1900556	Rock	0.91	<0.005	<1	26	3047	302	3.4	10	1	100	2.02	20	<2	6	<0.5	4	<3	11	0.02	0.069
1900557	Rock	0.51	<0.005	<1	8	399	11	1.6	<1	<1	26	0.38	9	<2	3	<0.5	<3	<3	2	<0.01	0.007
1900558	Rock	0.54	<0.005	<1	3	104	4	3.3	<1	<1	22	0.27	2	<2	4	<0.5	<3	<3	2	<0.01	0.003
1900559	Rock	0.64	0.009	3	64	1514	72	8.0	5	<1	57	1.52	31	5	14	<0.5	<3	<3	13	0.01	0.056
1900560	Rock	0.75	0.005	2	21	829	31	5.1	3	<1	74	0.76	15	3	11	<0.5	<3	<3	9	0.02	0.022
1900561	Rock	0.60	<0.005	<1	13	1081	23	4.7	1	<1	28	0.49	12	<2	8	<0.5	<3	<3	4	<0.01	0.029
1900562	Rock	0.65	0.009	1	7	633	9	2.9	<1	<1	38	0.38	6	2	10	<0.5	4	<3	4	<0.01	0.014
1900563	Rock	1.32	<0.005	<1	5	424	16	2.6	<1	<1	27	0.23	4	<2	9	<0.5	<3	<3	2	<0.01	0.014
1900564	Rock	0.87	<0.005	<1	6	271	16	1.4	1	<1	24	0.29	2	<2	8	<0.5	<3	<3	2	<0.01	0.010
1900565	Rock	0.90	<0.005	<1	9	558	31	1.0	2	<1	28	0.47	5	<2	3	<0.5	<3	<3	5	<0.01	0.014
1900566	Rock	0.86	<0.005	<1	4	287	23	0.5	1	<1	29	0.39	3	<2	2	<0.5	<3	<3	2	<0.01	0.009
1900567	Rock	1.93	<0.005	<1	8	594	45	0.8	2	<1	36	0.51	7	<2	8	<0.5	<3	<3	5	<0.01	0.020
1900568	Rock	1.30	<0.005	<1	11	482	67	0.9	4	<1	48	0.73	9	<2	4	<0.5	<3	<3	6	<0.01	0.017
1900569	Rock	1.68	<0.005	1	7	644	16	4.8	<1	<1	28	0.37	8	3	6	<0.5	<3	<3	6	<0.01	0.016
1900570	Rock	0.76	<0.005	2	10	974	21	6.7	<1	<1	30	0.42	9	4	7	<0.5	<3	<3	6	<0.01	0.024
1900571	Rock	0.74	<0.005	<1	3	223	6	1.4	<1	<1	29	0.35	4	<2	4	<0.5	<3	<3	4	<0.01	0.004
1900572	Rock	0.87	<0.005	3	6	509	14	2.0	<1	<1	30	0.43	8	<2	5	<0.5	<3	<3	6	<0.01	0.009
1900573	Rock	0.73	<0.005	2	6	1140	19	3.6	<1	<1	32	0.38	8	2	6	<0.5	<3	<3	6	<0.01	0.020
1900574	Rock	0.72	0.006	3	10	1337	24	3.8	1	<1	40	0.51	5	2	6	<0.5	<3	<3	9	<0.01	0.025
1900575	Rock	0.82	0.011	<1	41	875	52	13.4	2	<1	48	0.87	13	<2	3	<0.5	<3	<3	4	<0.01	0.022
1900576	Rock	0.83	0.007	<1	15	693	31	7.2	2	<1	38	0.62	4	<2	4	<0.5	<3	<3	4	<0.01	0.017
1900577	Rock	2.08	0.008	<1	36	1375	99	10.1	4	<1	55	1.37	34	<2	6	<0.5	3	3	7	<0.01	0.035
1900578	Rock	0.95	0.007	1	21	1402	360	5.6	10	1	62	1.92	24	<2	4	2.2	6	<3	8	0.01	0.033
1900579	Rock	1.02	0.024	<1	14	1363	182	2.1	6	<1	41	0.99	10	<2	5	1.3	3	<3	6	<0.01	0.031
1900580	Rock	1.15	0.013	1	19	1730	201	2.6	7	<1	60	1.47	25	2	5	0.6	5	<3	7	0.01	0.045
1900581	Rock	0.54	<0.005	<1	8	1049	40	1.6	2	<1	51	0.65	7	<2	5	<0.5	<3	<3	5	0.02	0.029
1900582	Rock	0.62	0.005	<1	7	938	45	2.1	3	<1	37	0.61	6	<2	4	<0.5	4	<3	5	<0.01	0.028
1900583	Rock	1.03	<0.005	<1	12	1360	54	7.4	2	<1	39	0.64	6	<2	5	<0.5	4	<3	5	0.01	0.036

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
1900554	Rock	19	22	<0.01	81	<0.001	<20	0.35	<0.01	0.08	<2	<0.05	<1	<5	<5	6		
1900555	Rock	6	9	0.02	52	0.002	<20	0.20	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900556	Rock	8	11	0.02	50	0.002	<20	0.28	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900557	Rock	6	8	<0.01	34	<0.001	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900558	Rock	6	5	<0.01	40	<0.001	<20	0.11	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900559	Rock	29	15	<0.01	114	<0.001	<20	0.41	<0.01	0.15	<2	<0.05	<1	<5	<5	<5		
1900560	Rock	18	7	0.02	102	0.003	<20	0.30	<0.01	0.13	<2	<0.05	<1	<5	<5	<5		
1900561	Rock	7	7	<0.01	27	0.001	<20	0.10	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900562	Rock	13	6	<0.01	69	<0.001	<20	0.19	<0.01	0.10	<2	<0.05	<1	<5	<5	<5		
1900563	Rock	5	4	<0.01	29	0.001	<20	0.09	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900564	Rock	5	4	<0.01	24	<0.001	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900565	Rock	5	4	<0.01	21	<0.001	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900566	Rock	3	3	<0.01	17	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900567	Rock	4	5	0.01	33	0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900568	Rock	5	5	0.01	53	0.001	<20	0.17	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900569	Rock	14	5	<0.01	216	0.001	<20	0.22	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900570	Rock	16	8	0.01	180	0.002	<20	0.23	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900571	Rock	11	5	<0.01	115	0.001	<20	0.17	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900572	Rock	14	5	0.01	124	0.001	<20	0.22	<0.01	0.10	<2	<0.05	<1	<5	<5	<5		
1900573	Rock	12	5	0.01	111	0.002	<20	0.21	<0.01	0.08	<2	<0.05	<1	<5	<5	<5		
1900574	Rock	14	6	0.01	118	0.002	<20	0.26	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900575	Rock	5	2	<0.01	31	0.002	<20	0.11	<0.01	0.02	<2	<0.05	<1	<5	<5	<5		
1900576	Rock	8	5	<0.01	32	0.001	<20	0.15	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900577	Rock	8	3	0.01	42	0.002	<20	0.21	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900578	Rock	9	6	0.01	31	0.002	<20	0.26	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900579	Rock	7	3	<0.01	30	0.001	<20	0.17	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900580	Rock	9	6	0.01	35	0.002	<20	0.21	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900581	Rock	7	4	0.01	39	0.002	<20	0.16	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900582	Rock	8	3	0.01	45	0.002	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900583	Rock	7	2	0.01	40	0.002	<20	0.16	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		

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Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1900584	Rock	1.24	<0.005	<1	13	1853	77	4.2	3	<1	50	0.99	16	2	7	<0.5	6	<3	11	0.01	0.054
1900585	Rock	1.07	<0.005	<1	9	1130	33	8.2	2	<1	47	0.56	4	<2	5	<0.5	<3	<3	5	0.01	0.029
1900586	Rock	0.83	<0.005	<1	4	513	11	2.0	1	<1	42	0.37	2	2	7	<0.5	<3	<3	5	0.01	0.015
1900587	Rock	0.95	<0.005	<1	7	910	23	3.2	2	<1	41	0.49	3	2	8	<0.5	<3	<3	8	0.01	0.028
1900588	Rock	0.82	<0.005	<1	7	580	45	2.4	3	<1	44	0.54	4	<2	6	<0.5	<3	<3	5	<0.01	0.019
1900589	Rock	0.80	<0.005	<1	6	470	39	1.3	3	<1	79	0.76	5	<2	7	<0.5	<3	<3	7	0.02	0.019
1900590	Rock	0.79	<0.005	2	10	455	40	1.4	4	2	118	1.10	5	3	12	<0.5	<3	<3	10	0.02	0.029
1900591	Rock	1.53	0.023	2	47	2321	126	6.6	3	<1	83	1.90	93	3	49	<0.5	13	<3	7	0.02	0.057
1900592	Rock	1.54	0.005	<1	19	836	73	2.2	3	<1	65	1.15	36	<2	16	<0.5	5	<3	6	0.02	0.025
1900593	Rock	2.66	0.075	1	16	3222	36	15.6	2	<1	157	0.71	96	<2	35	<0.5	9	<3	9	0.02	0.052
1900594	Rock	3.59	0.016	<1	9	1066	19	4.8	1	<1	67	0.51	32	<2	25	<0.5	5	<3	5	0.01	0.024
1900595	Rock	1.93	0.007	<1	7	138	16	10.9	1	<1	62	0.48	11	<2	7	<0.5	<3	<3	2	0.01	0.006
1900596	Rock	2.74	0.010	3	52	1167	231	8.8	4	<1	94	3.12	100	<2	9	<0.5	16	<3	9	0.01	0.030
1900597	Rock	1.38	0.027	3	95	5364	172	6.5	4	<1	59	2.77	252	4	48	<0.5	32	<3	28	0.02	0.085
1900598	Rock	3.08	0.007	2	69	4269	154	8.6	2	<1	79	2.80	112	6	25	<0.5	16	<3	6	0.02	0.056
1900599	Rock	2.16	0.006	3	23	543	82	34.1	3	<1	101	1.42	34	<2	10	<0.5	6	<3	3	0.01	0.015
1900600	Rock	1.51	0.010	3	49	310	157	14.2	3	<1	132	1.89	52	<2	4	<0.5	9	<3	3	0.01	0.011
1900001	Rock	3.59	0.007	2	50	470	164	10.5	4	1	125	1.76	35	<2	4	<0.5	5	<3	4	0.02	0.014
1900002	Rock	0.72	<0.005	<1	64	699	346	4.9	4	<1	84	1.71	10	3	5	<0.5	<3	<3	11	0.02	0.037
1900003	Rock	0.72	<0.005	<1	54	668	99	2.3	5	<1	61	0.70	10	<2	9	<0.5	<3	<3	8	0.03	0.028
1900004	Rock	0.73	<0.005	<1	12	585	69	1.4	2	<1	75	0.72	8	2	8	<0.5	<3	<3	4	0.01	0.022
1900005	Rock	0.65	<0.005	<1	29	491	172	1.5	4	<1	102	1.40	7	<2	3	<0.5	<3	<3	5	0.02	0.031
1900006	Rock	0.68	0.007	1	22	223	126	1.7	8	3	306	3.53	11	10	15	<0.5	<3	<3	14	0.04	0.083
1900007	Rock	0.57	0.026	1	62	391	369	2.1	14	5	612	6.62	10	10	24	<0.5	4	<3	40	0.07	0.121
1900008	Rock	0.68	0.005	1	73	248	739	1.4	34	7	579	3.54	12	10	14	<0.5	<3	<3	18	0.07	0.086
1900009	Rock	0.76	<0.005	1	56	127	346	1.9	14	8	379	4.38	14	11	22	1.3	<3	<3	23	0.07	0.093
1900010	Rock	0.86	<0.005	<1	41	611	119	1.2	10	<1	90	0.97	11	3	10	<0.5	<3	<3	8	0.03	0.034
1900011	Rock	0.80	<0.005	<1	14	123	126	1.0	6	1	142	1.80	7	5	14	<0.5	<3	<3	12	0.05	0.041
1900451	Rock	1.42	0.005	<1	98	6	429	<0.3	54	16	332	2.40	<2	<2	22	2.9	<3	<3	55	0.81	0.035
1900452	Rock	1.01	<0.005	<1	88	<3	163	<0.3	47	17	390	2.87	<2	<2	20	1.7	<3	<3	66	0.88	0.045

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
1900584	Rock	13	4	0.02	52	0.003	<20	0.23	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900585	Rock	6	1	0.02	42	0.003	<20	0.15	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900586	Rock	13	6	0.02	65	0.003	<20	0.23	<0.01	0.08	<2	<0.05	<1	<5	<5	<5		
1900587	Rock	11	3	0.01	60	0.002	<20	0.21	<0.01	0.07	<2	<0.05	<1	<5	<5	<5		
1900588	Rock	8	6	0.02	41	0.002	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900589	Rock	10	8	0.05	49	0.004	<20	0.23	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900590	Rock	12	13	0.14	61	0.005	<20	0.35	<0.01	0.06	<2	<0.05	<1	<5	<5	<5		
1900591	Rock	8	5	0.02	46	0.002	<20	0.22	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900592	Rock	5	5	0.02	36	0.003	<20	0.15	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900593	Rock	11	13	0.02	99	0.001	<20	0.25	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900594	Rock	12	8	0.01	44	0.001	<20	0.18	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900595	Rock	5	3	0.02	39	0.002	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900596	Rock	6	7	0.03	55	0.002	<20	0.21	<0.01	0.04	<2	<0.05	1	<5	<5	<5		
1900597	Rock	13	22	0.01	56	0.001	<20	0.28	<0.01	0.04	<2	0.06	<1	<5	<5	<5		
1900598	Rock	10	10	0.01	48	0.001	<20	0.22	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900599	Rock	6	5	0.01	38	0.001	<20	0.16	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900600	Rock	6	6	0.02	45	0.001	<20	0.21	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900001	Rock	7	6	0.02	46	0.002	<20	0.21	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900002	Rock	11	12	<0.01	55	0.001	<20	0.31	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900003	Rock	8	10	0.02	55	0.002	<20	0.32	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
1900004	Rock	10	6	0.01	31	0.002	<20	0.16	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900005	Rock	7	7	0.01	35	0.002	<20	0.19	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900006	Rock	42	15	0.03	166	0.002	<20	0.43	<0.01	0.18	<2	<0.05	<1	<5	<5	<5		
1900007	Rock	37	36	0.03	167	0.002	<20	0.59	0.01	0.15	<2	0.06	<1	<5	<5	<5		
1900008	Rock	30	22	0.02	114	0.001	<20	0.49	0.01	0.15	<2	<0.05	<1	<5	<5	<5		
1900009	Rock	37	25	0.01	177	<0.001	<20	0.55	0.02	0.16	<2	<0.05	<1	5	<5	<5		
1900010	Rock	10	11	0.01	69	0.002	<20	0.35	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
1900011	Rock	21	14	0.04	116	0.001	<20	0.45	0.01	0.13	<2	<0.05	<1	<5	<5	<5		
1900451	Rock	2	153	1.24	40	0.228	<20	2.03	0.04	0.01	<2	<0.05	<1	<5	<5	<5		
1900452	Rock	2	74	1.28	39	0.263	<20	2.15	0.05	0.01	<2	<0.05	<1	<5	<5	<5		

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1900453	Rock	1.37	<0.005	<1	104	4	92	<0.3	21	13	339	2.47	<2	<2	20	1.1	<3	<3	77	0.90	0.049
1900454	Rock	1.06	<0.005	<1	9	<3	288	0.7	7	2	151	0.93	2	<2	4	1.0	<3	<3	8	0.07	0.019

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CERTIFICATE OF ANALYSIS WHI19000137.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
1900453	Rock	2	14	0.82	32	0.224	<20	1.70	0.08	0.01	<2	<0.05	<1	<5	5	<5		
1900454	Rock	6	23	0.20	14	0.012	<20	0.45	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
S193134	Rock	0.91	<0.005	2	47	16	62	<0.3	25	3	137	0.96	7	<2	7	<0.5	<3	<3	4	0.06	0.054
REP S193134	QC		<0.005																		
S193141	Rock	1.03	0.218	5	29	4728	2901	>100	77	25	>10000	5.33	66	11	68	39.0	16	<3	32	0.08	0.049
REP S193141	QC			5	29	4551	2842	>100	77	25	>10000	5.19	66	12	67	36.9	16	<3	32	0.08	0.049
REP 1900509	QC																				
1900512	Rock	1.46	0.082	12	186	>10000	885	77.2	8	1	362	7.12	466	2	143	3.3	191	<3	46	0.02	0.166
REP 1900512	QC																				
1900527	Rock	1.72	0.006	<1	12	758	9	1.0	1	<1	47	0.39	15	2	16	<0.5	4	<3	6	0.02	0.019
REP 1900527	QC			<1	13	777	9	1.0	1	<1	48	0.41	15	3	17	<0.5	4	<3	6	0.02	0.020
1900536	Rock	1.03	0.007	<1	19	62	468	0.5	18	8	1864	2.54	18	11	94	17.9	<3	<3	6	2.53	0.021
REP 1900536	QC		0.005																		
1900570	Rock	0.76	<0.005	2	10	974	21	6.7	<1	<1	30	0.42	9	4	7	<0.5	<3	<3	6	<0.01	0.024
REP 1900570	QC		<0.005																		
1900574	Rock	0.72	0.006	3	10	1337	24	3.8	1	<1	40	0.51	5	2	6	<0.5	<3	<3	9	<0.01	0.025
REP 1900574	QC			3	10	1293	23	3.7	<1	<1	38	0.49	6	2	6	<0.5	<3	<3	8	<0.01	0.024
1900003	Rock	0.72	<0.005	<1	54	668	99	2.3	5	<1	61	0.70	10	<2	9	<0.5	<3	<3	8	0.03	0.028
REP 1900003	QC			<1	53	666	97	2.2	5	<1	61	0.69	10	<2	8	<0.5	<3	<3	8	0.02	0.028
Core Reject Duplicates																					
1900509	Rock	0.82	0.123	2	304	>10000	2628	>100	32	16	>10000	10.40	45	10	20	74.1	16	<3	70	0.14	0.042
DUP 1900509	QC		0.142	2	310	>10000	2677	>100	33	17	>10000	10.61	46	10	20	74.2	17	4	71	0.14	0.043
1900555	Rock	0.91	<0.005	<1	7	876	22	1.3	2	<1	46	0.39	3	<2	19	<0.5	<3	<3	4	0.02	0.035
DUP 1900555	QC		<0.005	<1	6	821	21	1.3	2	<1	37	0.30	3	<2	18	<0.5	<3	<3	3	0.02	0.033
1900589	Rock	0.80	<0.005	<1	6	470	39	1.3	3	<1	79	0.76	5	<2	7	<0.5	<3	<3	7	0.02	0.019
DUP 1900589	QC		<0.005	<1	6	459	39	1.3	3	<1	75	0.73	4	<2	7	<0.5	<3	<3	7	0.02	0.019
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard			10	4592	193	1799	2.3	161	23	751	3.78	119	12	57	5.9	<3	25	72	1.36	0.076
STD BVGEO01	Standard			10	4360	184	1701	2.3	156	22	711	3.63	116	13	54	5.6	<3	23	70	1.28	0.073

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	20
Pulp Duplicates																		
S193134	Rock	4	6	0.20	69	<0.001	<20	0.68	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
REP S193134	QC																	
S193141	Rock	17	35	0.51	59	0.002	<20	1.38	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		317
REP S193141	QC	17	36	0.50	62	0.003	<20	1.37	<0.01	0.10	<2	<0.05	<1	<5	<5	<5		
REP 1900509	QC																	378
1900512	Rock	7	20	0.01	38	0.002	<20	0.59	<0.01	0.03	<2	0.15	<1	<5	7	<5	1.45	
REP 1900512	QC																1.43	
1900527	Rock	11	9	0.01	73	0.002	<20	0.26	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
REP 1900527	QC	11	10	0.01	75	0.002	<20	0.27	<0.01	0.10	<2	<0.05	<1	<5	<5	<5		
1900536	Rock	21	7	0.26	117	0.003	<20	0.76	0.02	0.16	<2	<0.05	<1	<5	<5	<5		
REP 1900536	QC																	
1900570	Rock	16	8	0.01	180	0.002	<20	0.23	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
REP 1900570	QC																	
1900574	Rock	14	6	0.01	118	0.002	<20	0.26	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
REP 1900574	QC	13	6	0.01	114	0.002	<20	0.25	<0.01	0.09	<2	<0.05	<1	<5	<5	<5		
1900003	Rock	8	10	0.02	55	0.002	<20	0.32	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
REP 1900003	QC	8	10	0.02	55	0.002	<20	0.31	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
Core Reject Duplicates																		
1900509	Rock	8	64	0.89	255	0.006	<20	2.87	<0.01	0.03	<2	0.05	<1	<5	<5	<5	2.05	378
DUP 1900509	QC	8	65	0.91	263	0.006	<20	2.90	<0.01	0.03	<2	0.05	<1	<5	<5	<5	2.07	381
1900555	Rock	6	9	0.02	52	0.002	<20	0.20	<0.01	0.04	<2	<0.05	<1	<5	<5	<5		
DUP 1900555	QC	5	8	0.02	44	0.002	<20	0.16	<0.01	0.03	<2	<0.05	<1	<5	<5	<5		
1900589	Rock	10	8	0.05	49	0.004	<20	0.23	<0.01	0.05	<2	<0.05	<1	<5	<5	<5		
DUP 1900589	QC	10	8	0.05	50	0.004	<20	0.24	<0.01	0.06	<2	<0.05	<1	<5	<5	<5		
Reference Materials																		
STD AGPROOF	Standard																	96
STD BVGEO01	Standard	25	176	1.33	363	0.245	<20	2.43	0.20	0.90	5	0.70	<1	<5	<5	6		
STD BVGEO01	Standard	24	163	1.26	351	0.230	<20	2.28	0.18	0.87	5	0.67	<1	<5	7	6		

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
STD DS11	Standard			13	148	135	343	1.5	76	12	1028	3.18	44	7	68	2.0	8	11	48	1.07	0.069
STD DS11	Standard			13	147	130	345	1.7	75	12	1042	3.15	45	6	67	2.1	8	11	48	1.05	0.069
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS262	Standard			<1	118	57	151	0.5	63	26	530	3.36	37	9	36	<0.5	3	<3	22	3.02	0.039
STD OREAS262	Standard			<1	117	54	149	0.5	62	26	536	3.32	38	7	36	<0.5	4	<3	21	2.95	0.037
STD OREAS262	Standard			<1	122	59	156	0.4	63	27	560	3.37	37	10	36	<0.5	3	<3	21	3.07	0.040
STD OREAS262	Standard			<1	123	58	157	0.4	64	27	562	3.38	37	8	37	<0.5	3	<3	21	3.07	0.040
STD OXC145	Standard		0.210																		
STD OXC145	Standard		0.212																		
STD OXH139	Standard		1.304																		
STD OXH139	Standard		1.286																		
STD OXN134	Standard		7.606																		
STD OXN134	Standard		7.640																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OREAS134B Expected																					
STD OREAS133A Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		0.005																		
BLK	Blank		<0.005																		

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Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	MA404 Pb % 0.01	FA530 Ag gm/t 20
STD DS11	Standard	16	54	0.85	437	0.095	<20	1.16	0.07	0.40	2	0.28	<1	<5	<5	<5		
STD DS11	Standard	16	56	0.85	417	0.092	<20	1.16	0.07	0.39	3	0.27	<1	<5	<5	<5		
STD OREAS134B	Standard																13.63	
STD OREAS133A	Standard																4.96	
STD OREAS262	Standard	16	40	1.19	259	0.003	<20	1.33	0.07	0.31	<2	0.26	<1	<5	<5	<5		
STD OREAS262	Standard	14	40	1.20	251	0.003	<20	1.23	0.07	0.28	<2	0.26	<1	<5	6	<5		
STD OREAS262	Standard	16	42	1.22	273	0.004	<20	1.30	0.07	0.32	<2	0.28	<1	<5	<5	<5		
STD OREAS262	Standard	15	45	1.23	278	0.003	<20	1.29	0.07	0.31	<2	0.28	<1	<5	6	<5		
STD OXC145	Standard																	
STD OXC145	Standard																	
STD OXH139	Standard																	
STD OXH139	Standard																	
STD OXN134	Standard																	
STD OXN134	Standard																	
STD OXQ114	Standard																	125
STD SP49	Standard																	60
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1		
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97		
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24		
STD OXN134 Expected																		
STD OXC145 Expected																		
STD OXH139 Expected																		
STD OREAS134B Expected																	13.36	
STD OREAS133A Expected																	4.9	
STD AGPROOF Expected																		94
STD SP49 Expected																		60.2
STD OXQ114 Expected																		127.1
BLK	Blank																	
BLK	Blank																	

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.005	<1	2	<3	27	<0.3	<1	3	449	1.81	2	<2	17	<0.5	<3	<3	22	0.57	0.040
ROCK-WHI	Prep Blank		<0.005	<1	2	<3	29	<0.3	<1	3	500	2.04	<2	<2	21	<0.5	<3	<3	25	0.61	0.041

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: Haldane
Report Date: July 16, 2019

QUALITY CONTROL REPORT WHI19000137.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	MA404 Pb % 0.01	FA530 Ag gm/t 20
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5		
BLK	Blank																	
BLK	Blank																	
BLK	Blank																<0.01	
BLK	Blank																	<20
Prep Wash																		
ROCK-WHI	Prep Blank	5	1	0.43	55	0.065	<20	0.79	0.07	0.07	<2	<0.05	<1	<5	<5	<5		
ROCK-WHI	Prep Blank	5	3	0.47	74	0.083	<20	0.88	0.09	0.09	<2	<0.05	<1	<5	<5	<5		

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 20, 2019
Report Date: October 02, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI19000577.1

CLIENT JOB INFORMATION

Project:	ANZ19-01
Shipment ID:	ANZ19-01006
P.O. Number	ANZ19-01006
Number of Samples:	3

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	3	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	3	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	3	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	3	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC:

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 02, 2019

CERTIFICATE OF ANALYSIS WHI19000577.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1900401	Rock	2.01	0.045	3	37	15	60	1.8	9	<1	89	1.16	254	<2	142	2.4	4	<3	178	0.26	0.159
1900402	Rock	1.47	0.025	1	18	227	5912	17.3	27	23	>10000	3.80	706	5	316	94.0	6	<3	2	0.17	0.019
1900403	Rock	2.25	0.070	<1	7	4021	1089	36.2	17	16	>10000	2.72	1225	10	59	21.4	18	<3	3	0.10	0.018

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 02, 2019

CERTIFICATE OF ANALYSIS WHI19000577.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1900401	Rock	8	11	0.07	242	0.001	<20	0.37	<0.01	0.09	<2	<0.05	<1	<5	<5	<5
1900402	Rock	11	6	0.04	112	<0.001	<20	0.26	<0.01	0.26	<2	<0.05	<1	<5	<5	<5
1900403	Rock	20	4	0.05	72	<0.001	23	0.37	<0.01	0.20	<2	<0.05	<1	<5	<5	<5

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Project: ANZ19-01
Report Date: October 02, 2019

QUALITY CONTROL REPORT WHI19000577.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1900402	Rock	1.47	0.025	1	18	227	5912	17.3	27	23	>10000	3.80	706	5	316	94.0	6	<3	2	0.17	0.019
REP 1900402	QC			1	18	218	6198	16.8	27	22	>10000	4.01	734	5	322	98.6	6	<3	2	0.17	0.019
Reference Materials																					
STD DS11	Standard			14	148	140	339	1.9	78	13	1010	2.96	43	6	65	2.2	8	12	48	1.03	0.068
STD OREAS262	Standard			<1	120	56	153	0.6	64	27	536	3.20	36	8	35	0.5	3	<3	21	2.96	0.039
STD OXB130	Standard		0.127																		
STD OXI138	Standard		1.912																		
STD OXN134	Standard		7.898																		
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD OXN134 Expected			7.667																		
STD OXI138 Expected			1.86																		
STD OXB130 Expected			0.125																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		0.007	<1	3	3	32	<0.3	1	4	537	1.88	<2	<2	22	<0.5	<3	<3	25	0.64	0.042

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Project: ANZ19-01
Report Date: October 02, 2019

QUALITY CONTROL REPORT WHI19000577.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1900402	Rock	11	6	0.04	112	<0.001	<20	0.26	<0.01	0.26	<2	<0.05	<1	<5	<5	<5
REP 1900402	QC	11	6	0.05	119	<0.001	<20	0.27	<0.01	0.28	<2	<0.05	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	17	56	0.82	416	0.083	<20	1.11	0.07	0.38	2	0.29	<1	<5	<5	<5
STD OREAS262	Standard	14	42	1.19	246	0.003	<20	1.22	0.07	0.29	<2	0.28	<1	<5	5	<5
STD OXB130	Standard															
STD OXI138	Standard															
STD OXN134	Standard															
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24
STD OXN134 Expected																
STD OXI138 Expected																
STD OXB130 Expected																
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank															
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	6	3	0.49	53	0.076	<20	0.87	0.08	0.09	<2	<0.05	<1	<5	<5	<5

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Appendix G: Geological Drill Logs

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: **Haldane** **Hole Number:** **HLD19-14**

Prospect:	Ross	Hole Type:	DD	Survey Type:	Compass	Logged By:	Roger Hulstein
Grid:	NAD83_Z8	Hole Diameter:	4 3/4	Survey By:	Murray Jones	Date Logging Start:	8/22/2019
UTM Easting:	455745	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	8/25/2019
UTM Northing:	7080208	Casing Pulled?:	YES	Dip:	-50	Drill Company:	NewAge
UTM Elev. (m):	927	Casing Depth (m):	28.5	Length (m):	225	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/20/2019
Local Northing:		Cemented?:	YES	Core Storage Loc.:	Haldane Old Camp	Drill Completed:	8/24/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	RS19-01	Parent Hole:	

Pulled 21m of casing and left 7m in hole. Hole made water (est 5-10 gal/m), vanRuth plug installed at 90m and cemented to bottom of casing (used 20 bags of cement). Target vein azimuth not indicated, assumed perpendicular to strike of South Johnson vein. "A" vein target was presumably intersected between 87.50 - 94.25 m where phyllite with minor quartzite bands, minor calcareous sections and foliaform qtz veins are crosscut by hairline qtz-cal stringers with diss sulfides. If this is the continuation of the A vein it likely didn't develop into a vein in the drill hole due to the phyllites making a incompentent host rock. Two generations of qtz make up foliaform qtz veinin; an early white qtz that makes up 5-20% of typical vein is cut by a later light grey qtz. Foliaform veins are cut by comparatively rare discordant white to light grey veins.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-50	90	0	90	Brunton	Murray Jones	8/20/2019		☑	
42	-52	62.8	20	82.8	ReflexEMS	Wayne Lupien	8/21/2019	58156	☑	
72	-52.5	63.3	20	83.3	ReflexEMS	Wayne Lupien	8/22/2019	57805	☑	
102	-52.6	63.7	20	83.7	ReflexEMS	Wayne Lupien	8/22/2019	58073	☑	
132	-52.5	63.7	20	83.7	ReflexEMS	Wayne Lupien	8/22/2019	57995	☑	
162	-52.3	63.4	20	83.4	ReflexEMS	Wayne Lupien	8/22/2019	58200	☑	
192	-52.9	60.4	20	80.4	ReflexEMS	Wayne Lupien	8/22/2019	58852	☑	
225	-53.1	63.2	20	83.2	ReflexEMS	Wayne Lupien	8/22/2019	58641	☑	

From (m)	To (m)	Rocktype & Description
0.00	**24.00**	**OVBN Overburden**
0 - 24: 30cm broken qtz musc schist		
24.00	**41.00**	**SCHS Q MQuartz Muscovite Schist buff FG**
24 - 41: predominently bands of quartzite with muscovite partings, rare sericite altered phyllite bands, foliaform qtz veins and quartz lenses common. Diss speckled brown siderite in qtz and on foiliation.Minor calcite - iron carbonate folia.		
<<Min: 24 - 41 5% Fe-carbonate>> finely (<1mm) and coarser diss in qtz veins and in foliated bands with calcite.		

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
40.00	41.00	1.00	1902501	-0.005	0.4	24	52	-3

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: **Haldane** **Hole Number:** **HLD19-14**

Prospect:	Ross	Hole Type:	DD	Survey Type:	Compass	Logged By:	Roger Hulstein
Grid:	NAD83_Z8	Hole Diameter:	4 3/4	Survey By:	Murray Jones	Date Logging Start:	8/22/2019
UTM Easting:	455745	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	8/25/2019
UTM Northing:	7080208	Casing Pulled?:	YES	Dip:	-50	Drill Company:	NewAge
UTM Elev. (m):	927	Casing Depth (m):	28.5	Length (m):	225	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:		Drill Started:	8/20/2019
Local Northing:		Cemented?:	YES	Core Storage Loc.:	Haldane Old Camp	Drill Completed:	8/24/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	RS19-01	Parent Hole:	

Pulled 21m of casing and left 7m in hole. Hole made water (est 5-10 gal/m), vanRuth plug installed at 90m and cemented to bottom of casing (used 20 bags of cement). Target vein azimuth not indicated, assumed perpendicular to strike of South Johnson vein. "A" vein target was presumably intersected between 87.50 - 94.25 m where phyllite with minor quartzite bands, minor calcareous sections and foliaform qtz veins are crosscut by hairline qtz-cal stringers with diss sulfides. If this is the continuation of the A vein it likely didn't develop into a vein in the drill hole due to the phyllites making a incompentent host rock. Two generations of qtz make up foliaform qtz veinin; an early white qtz that makes up 5-20% of typical vein is cut by a later light grey qtz. Foliaform veins are cut by comparatively rare discordant white to light grey veins.

Downhole Surveys:

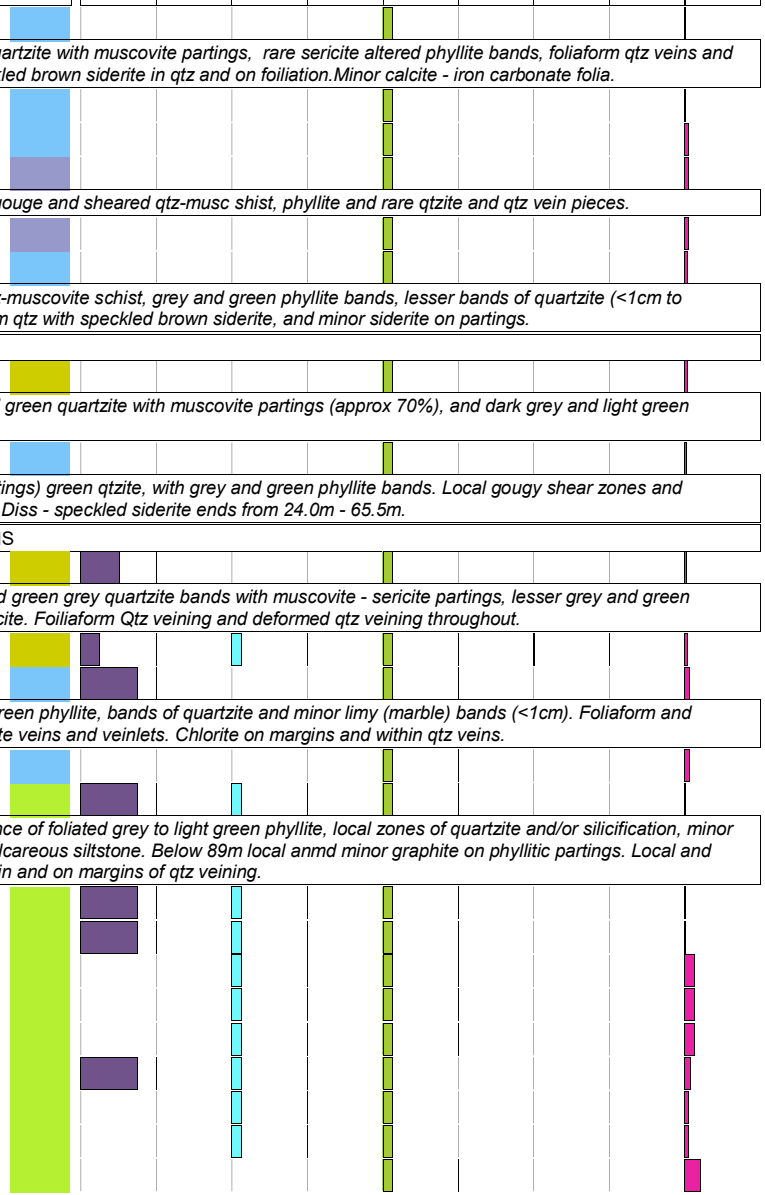
Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-50	90	0	90	Brunton	Murray Jones	8/20/2019		☑	
42	-52	62.8	20	82.8	ReflexEMS	Wayne Lupien	8/21/2019	58156	☑	
72	-52.5	63.3	20	83.3	ReflexEMS	Wayne Lupien	8/22/2019	57805	☑	
102	-52.6	63.7	20	83.7	ReflexEMS	Wayne Lupien	8/22/2019	58073	☑	
132	-52.5	63.7	20	83.7	ReflexEMS	Wayne Lupien	8/22/2019	57995	☑	
162	-52.3	63.4	20	83.4	ReflexEMS	Wayne Lupien	8/22/2019	58200	☑	
192	-52.9	60.4	20	80.4	ReflexEMS	Wayne Lupien	8/22/2019	58852	☑	
225	-53.1	63.2	20	83.2	ReflexEMS	Wayne Lupien	8/22/2019	58641	☑	

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
0.00	**OVBN**																		
	0 - 24: 30cm broken qtz musc schist																		
5.00																			
10.00																			
15.00																			
20.00																			

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-14



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
25.00	**SCHS**									
	24 - 41: predominently bands of quartzite with muscovite partings, rare sericite altered phyllite bands, foliaform qtz veins and quartz lenses common. Diss speckled brown siderite in qtz and on foiliation.Minor calcite - iron carbonate folia.									
30.00										
35.00										
40.00	**FLTZ**	40.00	41.00	1.00	1902501	-0.005	0.4	24	52	-3
	41 - 51: Very poor core recovery, gouge and sheared qtz-musc shist, phyllite and rare qtzite and qtz vein pieces.									
45.00										
50.00	**SCHS**	51.00	52.00	1.00	1902502	-0.005	-0.3	6	78	-3
	52.1 - 57.2: mixed unit of green qtz-muscovite schist, grey and green phyllite bands, lesser bands of quartzite (<1cm to <15cm bands), approx 5% foliaform qtz with speckled brown siderite, and minor siderite on partings.									
	51-52.1:QRZT phy									
55.00	**QRZT phy**	57.95	58.55	0.60	1902503	-0.005	-0.3	7	96	-3
	57.2 - 60.7: schistose, interbanded green quartzite with muscovite partings (approx 70%), and dark grey and light green phyllite bands.									
60.00	**SCHS**									
	60.7-65: Schistose (muscovite partings) green qtzite, with grey and green phyllite bands. Local gougy shear zones and foliaform and brecciated qtz veins. Diss - speckled siderite ends from 24.0m - 65.5m.									
	57.2-60.7:QRZT phy 60.7-65:SCHS									
65.00	**QRZT phy**	69.80	71.07	1.27	1902504	-0.005	-0.3	12	156	-3
	65 - 74.65: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Foiliaform Qtz veining and deformed qtz veining throughout.									
70.00										
75.00	**SCHS**	75.90	77.40	1.50	1902505	-0.005	-0.3	26	102	-3
	74.65 - 84.5: predominantly grey green phyllite, bands of quartzite and minor limy (marble) bands (<1cm). Foliaform and crosscutting white quartz and calcite veins and veinlets. Chlorite on margins and within qtz veins.									
80.00										
85.00	**PHYL**									
	84.5 - 107.85: Monotonous sequence of foliated grey to light green phyllite, local zones of quartzite and/or silicification, minor bands of marble (ie. 93.3-93.7), calcareous siltstone. Below 89m local anmd minor graphite on phyllitic partings. Local and minor chlorite on partings and within and on margins of qtz veining.									
		87.40	88.60	1.20	1902506	0.005	-0.3	17	88	-3
		88.60	89.70	1.10	1902507	0.006	-0.3	11	82	-3
90.00		89.70	91.00	1.30	1902508	-0.005	-0.3	7	92	-3
		91.00	92.50	1.50	1902509	-0.005	-0.3	13	70	-3
		92.50	93.50	1.00	1902510	-0.005	-0.3	10	77	-3
95.00										
100.00		99.70	101.05	1.35	1902511	-0.005	-0.3	11	70	-3
		103.78	105.00	1.22	1902512	-0.005	-0.3	23	81	-3
105.00										

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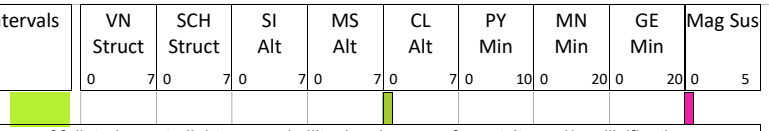
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-14



Depth (m)	Rocktype & Description / sub-intervals
110.00	
	110.42 - 129.7: Monotonous sequence of foliated grey to light green phyllite, local zones of quartzite and/or silicification, minor bands of marble and calcareous siltstone. Local and minor graphite on phyllitic partings. Local and minor chlorite on partings and within and on margins of qtz veining. 122.8-125.0; increase in chlorite and sericite. 118.65-118.8m and 122.1-122.25: white calcareous qtzite bands.
	107.85-110.42:LMST
115.00	
120.00	
125.00	
130.00	**QRZT phy**
	129.7 - 140.65: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Foiliaform Qtz veining, commonly deformed, throughout. Gritty bands at 140m.
135.00	
140.00	**QRZT**
	140.65 - 147.5: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite (predominently 144.7 - 145.60). Quartzite bands are gritty, 0.1-1.0 mm. Foiliaform Qtz veining, commonly deformed, throughout.
145.00	
150.00	**QRZT phy**
	147.5 - 159.7: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Locally quartzite bands (up to 30 cm thick) are gritty, 0.1-1.0 mm. Foiliaform Qtz veining, commonly deformed, throughout.
155.00	
160.00	**PHYL**
	159.7 - 170.45: Banded phyllite-quartzite; schistose light - rare dark grey and green grey phyllite bands with muscovite - sericite partings, lesser grey and green quartzite bands, locally gritty, also with muscovite sericite partings. Foiliaform Qtz veining, commonly deformed, throughout. Occasional trace - minor calcite bands along foliation throughout but from 168.5-170.45m unit is calcaerous gritty siltsone.
165.00	
170.00	**QRZT**
	170.45-172.8: Predominently lght grey quartzite bands with muscovite - sericite partings, lesser grey phyllite bands. Minor foliaform Qtz veining, commonly deformed, throughout as well as thin 1-3mm crosscutting vuggy qtz veins.
	170.45-172.8:QRZT
175.00	**PHYL**
	172.8 - 189: Banded phyllite-quartzite; schistose light - rare dark grey and green grey phyllite bands with muscovite - sericite partings, lesser grey and green quartzite bands, locally gritty, also with muscovite sericite partings. Dark grey finely banded phyllite with diss po and trace graphite more common below 181m and by 187-189 m is ubiquitous. Foiliaform Qtz veining, commonly deformed, throughout. Locally minor calcareous bands.
180.00	
185.00	
190.00	**QRZT**
	189 - 208.7: predominantly banded dark grey graphitic quartzite and white qtzite bands - blebs with lesser mm to sub mm bands and wisps of siliceous argillite - graphite - mica that define the foliation planes. Disseminated pyrite and lesser pyrrhotite throughout, average 5% combined. Unit is homogeneous, competent, has a uniform foliation.

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
114.00	115.25	1.25	1902513	0.005	-0.3	37	71	-3
128.50	129.70	1.20	1902514	-0.005	-0.3	12	73	-3
138.90	140.00	1.10	1902515	-0.005	-0.3	7	76	-3
147.00	148.30	1.30	1902516	-0.005	-0.3	14	56	-3
152.00	153.30	1.30	1902517	-0.005	-0.3	19	79	-3
167.60	168.82	1.22	1902518	-0.005	-0.3	17	50	-3
170.70	172.00	1.30	1902519	0.008	-0.3	13	24	-3
183.50	184.60	1.10	1902521	-0.005	-0.3	24	82	-3
190.80	192.00	1.20	1902522	0.012	0.9	16	311	-3

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-14

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
195.00											198.80	200.00	1.20	1902523	0.025	2.5	15	550	5
200.00																			
205.00																			
210.00											210.00	211.25	1.25	1902524	0.009	0.4	3	34	-3
	208.7 - 215.15: Grey foliated quartzite, lesser phyllite bands forming micaceous partings, trace graphite in micaceous partings. From 213.60-215.15, darker grey, increase in phyllite, minor dark grey siliceous argillite bands increase down hole. Foliation cuts banding creating crenulations - cm scale limbless folds. Trace calcite, below 214.9 m minor calcareous bands.																		
215.00	**FLTZ**										218.30	219.45	1.15	1902525	0.015	0.9	22	279	3
	215.15-219.45: Fault zone; pieces dark grey phllite and rare grey quartzite. 5cm clay gouge at upper contact and 50 cm sand - gritty crushed phyllite recovered. Poor recovery. Local and minor calareous bands.																		
	215.15-219.45:FLTZ																		
220.00	**QRZT phy**										223.45	225.00	1.55	1902526	0.011	0.4	9	49	3
	219.45 - 225: Grey foliated quartzite, lesser phyllite bands forming micaceous partings, trace graphite on micaceous partings. Darker grey phyllite bands are non-siliceous. 223.80-225.00 (EOH), broken core, shearing and 40cm white qtz vein.																		

End of Hole @ 225

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

<<Min: 24 - 51 0.5% limonite>> iron oxides on fractures and as specks in pits and vugs in qtz veins and schist

<<Alt: 24 - 51 weak to moderate White mica (Sericite)>> sericite - muscovite on foliation and in fractures - shears.

<<Alt: 24 - 51 weak Chlorite >>

<<Alt: 24 - 51 weak Bleaching>> light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins.

<<Alt: 25 - 51 moderate Fe-Carbonate>> disseminated in lith bands and in qtz veins

<<Vein: 24 - 41 15% Quartz-Carbonate 35 deg. >> undulating qtz veins with avg of 5%-15% diss 'speckled' iron carbonate and calcite blebs (<1-2mm). Locally with iron carbonate - cacite margins or sericte - muscovite rich selevege. Vein, locally lensoid.

<<Vein: 24 - 41 1% Calcite 60 deg. >> mimor discontinuous crosscutting hairline calcite veinlets.

<<Struc: 24 - 33 strong Foliated>> foliated schist

<<Struc: 33 - 39 strong Foliated>>

<<Struc: 39 - 41 strong Foliated>> undulating foliation, warped (likely due to fault zone 41-51m).

<<Struc: 40.1 - 40.11 moderate to strong fault gouge>> cross cutting fault - shear with 3mm gouge.

41.00 51.00 FLTZ Fault Zone grey-green VFG

41 - 51: Very poor core recovery, gouge and sheared qtz-musc shist, phyllite and rare qtzite and qtz vein pieces.

<<Min: 41 - 51 3% Fe-carbonate>> Finely diss (<1mm) and coarser (>1mm) diss in qtz veins and along foliated bands in few competent pieces of recovered schist.

<<Vein: 41 - 51 8% Quartz-Carbonate 40 deg. >> In fault zone of very poor recovery,undulating qtz veins with avg of 5%-15% diss 'speckled' iron carbonate and calcite blebs (<1-2mm). Locally with iron carbonate - cacite margins or sericte - muscovite rich selevege. Vein, locally lensoid.

<<Struc: 41 - 45 intense fault breccia>> poor recovery

<<Struc: 45 - 45.3 intense fault gouge>> 30 cm gouge recovered

<<Struc: 45.3 - 50.75 intense fault breccia>> almost no recovery

<<Struc: 47.7 - 48 strong Foliated>>

<<Struc: 50.75 - 51 intense fault gouge>> 25cm gouge recovered

51.00	**52.10**	**QRZT phy**	**interbedded Quartzite over phyllite**	**orange**	51.00	52.00	1.00	1902502	-0.005	-0.3	6	78	-3

51 - 52.1: Bleached limonite colored quartzite with increasing phyllite bands below 51.6m

<<Min: 51 - 51.8 1% limonite>>

<<Min: 51.8 - 61.5 3% Fe-carbonate>> finely (<1mm) and coarser diss siderite blebs in qtz veins and in foliated bands with calcite.

<<Min: 51.8 - 69.6 0.5% limonite>> iron oxides on fractures and as specks in pits and vugs in qtz veins and schist

<<Alt: 51 - 52 weak to moderate Bleaching>> Bleached light grey quartzite with overprint of orange limonite stain.

<<Alt: 52 - 60.7 weak to moderate Fe-Carbonate>> disseminated in lith bands and in qtz veins

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Alt: 52 - 70 weak Bleaching>> light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins. <<Alt: 52 - 84.5 weak Chlorite >> <<Vein: 51 - 58 5% Quartz 52 deg. >> undulating qtz veins with avg of 5%-15% diss 'speckled' iron carbonate and calcite blebs (<1-2mm). Locally with iron carbonate - cacite margins or sericte - muscovite rich selevege. Veins locally lensoid. <<Struc: 51 - 53 strong Foliated>>									
52.10	**57.20**	**SCHS Schist grey-green FG** 52.1 - 57.2: mixed unit of green qtz-muscovite schist, grey and green phyllite bands, lesser bands of quartzite (<1cm to <15cm bands), approx 5% foliaform qtz with speckled brown siderite, and minor siderite on partings. <<Struc: 53 - 54 strong Foliated>> <<Struc: 54 - 57 strong Foliated>> <<Struc: 57 - 60 strong Foliated>>									
57.20	**60.70**	**QRZT phy interbedded Quartzite over phyllite grey-green FG** 57.2 - 60.7: schistose, interbanded green quartzite with muscovite partings (approx 70%), and dark grey and light green phyllite bands. <<Vein: 58 - 58.62 85% Quartz 25 deg. >> upper contact cross cuts foliation at low angles as do other veins in what is a series of subparallel veins, minor diss iron carbonate in central 10cm. Lower contact not exposed. <<Vein: 59 - 69 5% Quartz 40 deg. >> Mostly white qtz veins, diss 'speckled' iron carb in vein and on selevege decreasing down hole, veins locally brecciated - crushed and healed, few veins cross cut foliation aty low angles. Minor chlorite in veins and on margin. <<Struc: 58 - 58.1 strong veinlet>> upper contact of cross cutting qtz vein <<Struc: 60 - 63 strong Foliated>>	57.95	58.55	0.60	1902503	-0.005	-0.3	7	96	-3
60.70	**65.00**	**SCHS Schist grey-green FG** 60.7 - 65: Schistose (muscovite partings) green qtzite, with grey and green phyllite bands. Local gougy shear zones and foliaform and brecciated qtz veins. Diss - speckled siderite ends from 24.0m - 65.5m. <<Min: 61.5 - 70.6 1% Fe-carbonate>> patchy sections of finely (<1mm) and coarser diss siderite blebs in qtz veins and in foliated bands with calcite. <<Alt: 60.7 - 69 weak Fe-Carbonate>> disseminated in lith bands and in qtz veins <<Struc: 63 - 64 moderate Axial plane cleavage>> crenulations and brecciation <<Struc: 64 - 65 strong Foliated>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
65.00	**74.65**	**QRZT phy interbedded Quartzite over phyllite grey-green FG**	69.80	71.07	1.27	1902504	-0.005	-0.3	12	156	-3

65 - 74.65: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Foiliaform Qtz veining and deformed qtz veining throughout.

<<Min: 69.6 - 74.5 1% limonite>> iron oxides on fractures and as specks in pits and vugs in qtz veins and schist

<<Min: 71 - 72.6 0.1% Mn-oxides>> Mn oxides on fractures

<<Min: 72 - 84.5 0.01% pyrite>> trace fine diss py in qtz veins.

<<Alt: 69.3 - 72.5 weak Silicification >> In zone of approximately 30% brecciated qtz veining.

<<Alt: 70 - 84.5 weak to moderate Bleaching>> light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins.

<<Vein: 69.9 - 72.45 30% Quartz 40 deg. >> Mostly white qtz veins, parallel to foliation and crosscutting, commonly weakly brecciated and fractured, crushed and healed, cross cut by mm irregular and discontinuous chlorite veinlets and hairline calcite. Up to 5% diss 'speckled' iron carb in vein and on vein margin. Minor chlorite in veins and on margin.

<<Vein: 72.45 - 73.95 5% Quartz-Carbonate 60 deg. >> vein margins locally irregular where vein has dissolved adjacent carbonate.

<<Vein: 73.95 - 74.38 100% Quarzt-Chlorite-Carbonate 40 deg. >> brecciated cross cutting Qtz cein with inor chlorite and calcite with 5cm inclusion of shist wallrock. Upper contact not exposed.

<<Vein: 74.38 - 87.4 7% Quarzt-Chlorite-Carbonate 40 deg. >> weakly brecciated, minor cross cutting qtz veins, minor chlorite and calcite within and on vein margins. Locally hairline to 2mm crosscutting qtz-cal veinlets almost orthogonal to foliation. Foliaform qtz veininmg and locally lensoidal foliaform qtz. 85.8-85.9: irregular but cross cutting contacts, 5% chl, mostly on margins, specks diss galena

<<Struc: 65 - 66.5 strong Foliated>>

<<Struc: 66.2 - 66.4 moderate veinlet>> 1-3mm qtz-cal FeOx veinlet cross cutting fol

<<Struc: 66.5 - 69 strong Foliated>>

<<Struc: 67.7 - 67.8 moderate shear>> weak shear plane

<<Struc: 68.25 - 68.3 moderate to strong Veining - fracture fill>> 2 cm qtz - chl vein cross cutting fol

<<Struc: 69 - 69.8 strong Foliated>>

<<Struc: 69.8 - 71.05 weak to moderate Sheared>> brecciated, qtz veined, wavy shear planes - foliation

<<Struc: 71 - 71.8 strong Foliated>>

<<Struc: 71.8 - 72 weak to moderate Veining - fracture fill>> cross cutting hairline qtz-cal veinlets, speck py

<<Struc: 71.98 - 72 strong to intense veinlet>> foliaform qtz vein

<<Struc: 72 - 77 weak Veining - fracture fill>> occasional, often discontinuous cross cutting fractures +/- qtz - cal - chlorite filling

<<Struc: 72.2 - 73 strong Foliated>>

<<Struc: 73 - 74 strong Foliated>>

<<Struc: 74 - 76 strong Foliated>>

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
74.65	**84.50**	**SCHS Schist grey-green FG**	75.90	77.40	1.50	1902505	-0.005	-0.3	26	102	-3
74.65 - 84.5: predominantly grey green phyllite, bands of quartzite and minor limy (marble) bands (<1cm). Foliaform and crosscutting white quartz and calcite veins and veinlets. Chlorite on margins and within qtz veins.											
<<Struc: 76 - 77.25 strong to intense Flaser/lensoid bedding>> foliation is more like shearing as mineral bands are dismembered - transposed.											
<<Struc: 76.8 - 76.9 weak to moderate Fractured>> 1-3mm 'stepped' fracture shear offsets mineral bands by 5mm, trace hematized py in fracture.											
<<Struc: 77 - 77.1 strong to intense fault gouge>> 57 deg upper contact of gouge fault zone, parallel to fol, 10cm gouge and 77.1-77.85m broken core with poor core rec'y											
<<Struc: 77.1 - 77.8 strong fault>>											
<<Struc: 77.8 - 78.35 strong Foliated>>											
<<Struc: 78.35 - 81 strong to intense fault>> flt zone of broken core, 5cm gouge in upper contact with qtz vein at											
<<Struc: 78.6 - 78.73 strong to intense Veining - fracture fill>> vein crosscutting fol											
<<Struc: 81 - 84 strong S1, compositional layering>> 1mm-10mm bands, parallel to fol.											
<<Struc: 81.08 - 81.35 moderate Fractured>> fracture clevage that cuts across or 'draws in' fol-compositional layering at low angle (<10deg).											
<<Struc: 83.15 - 83.4 moderate Flaser/lensoid bedding>> lensoid qtz wedges											
<<Struc: 84 - 85.4 strong Foliated>> more of a fracture clevage that cuts across or 'draws in' fol-compositional layering at low angle (<10deg).											
84.50	**107.85**	**PHYL Phyllite grey-green AFG**	87.40	88.60	1.20	1902506	0.005	-0.3	17	88	-3
84.5 - 107.85: Monotonous sequence of foliated grey to light green phyllite, local zones of quartzite and/or silicification, minor bands of marble (ie. 93.3-93.7), calcareous siltstone. Below 89m local anmd minor graphite on phyllitic partings. Local and minor chlorite on partings and within and on margins of qtz veining.											
<<Min: 84.5 - 85.07 0.05% pyrrhotite>> Diss po hosted by schist.			88.60	89.70	1.10	1902507	0.006	-0.3	11	82	-3
<<Min: 85.07 - 87.4 0.05% pyrrhotite>> diss and finelydiss po hosted by schist and both foliaform and cross cutting qtz veining.			89.70	91.00	1.30	1902508	-0.005	-0.3	7	92	-3
<<Min: 87.4 - 88.3 0.1% pyrrhotite>> diss and finelydiss po hosted by schist and both foliaform and cross cutting qtz veining.			91.00	92.50	1.50	1902509	-0.005	-0.3	13	70	-3
<<Min: 87.4 - 94.2 0.01% sphalerite>> diss and finely diss sp hosted by both foliaform and cross cutting qtz veining.			92.50	93.50	1.00	1902510	-0.005	-0.3	10	77	-3
<<Min: 87.4 - 94.2 0.1% pyrite>> diss and finely diss py hosted by both foliaform and cross cutting qtz veining.			99.70	101.05	1.35	1902511	-0.005	-0.3	11	70	-3
<<Min: 87.4 - 94.2 0.01% galena>> diss and finely diss gl hosted by both foliaform and cross cutting qtz veining.			103.78	105.00	1.22	1902512	-0.005	-0.3	23	81	-3
<<Min: 87.4 - 94.2 0.01% chalcopyrite>> diss and finely diss cp hosted by both foliaform and cross cutting qtz veining.											
<<Min: 88.3 - 90.33 0.5% pyrrhotite>> diss and finely diss po hosted by schist and both foliaform and cross cutting qtz veining.											
<<Min: 88.9 - 90.1 0.5% graphite>> on foliation											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

<<Min: 90.33 - 94.2 0.1% pyrrhotite>> diss and finely diss po hosted by schist and both foliaform and cross cutting qtz veining.

<<Min: 99.7 - 104.8 0.2% pyrrhotite>> diss and finely diss in schist and qtz veins, locally in rare cross cutting brittle fractures

<<Min: 104.8 - 110.9 0.1% pyrrhotite>> diss and finely diss in schist and qtz veins, locally in rare cross cutting brittle fractures

<<Min: 105.5 - 106.4 0.1% pyrite>> diss in qtz veins

<<Alt: 84.5 - 103 weak Silicification >> Weak patchy silicification commonly in areas of qtz veining, also silicified phyllite-siltstone bands but had to differentiate between silicification and primary qtz.

<<Alt: 84.5 - 107.85 weak Bleaching>> light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins.

<<Alt: 84.5 - 122.8 weak Chlorite >> in phyllites and in and on margins of qtz veins

<<Alt: 84.5 - 129.3 weak to moderate White mica (Sericite)>> on phyllite partings - silky planes, concentrated in phyllite bands.

<<Vein: 87.4 - 95.6 8% Quartz 50 deg. >> white and light grey foliaform qtz veining, some lensoidal, better mineralized veins have cross cutting fractures with diss min on fractures and irregular wall rock margins with cross foliation cross cutting embayments (vein eatingb into wallrock). Minor chlorite clotts within vein and on margins. Veins are more complex than typical foliaform metamorphic qtz veins.

<<Vein: 90.12 - 90.3 2% Pyrrhotite 16 deg. >> hairline pyrrhotite and chlorite in close spaced (<0.5cm) fractures crosscutting foliated siliceous band (looks like a 10 cm felsic unit…)

<<Vein: 95.6 - 96.3 85% Quarzt-Chlorite-Carbonate 50 deg. >> irregular white qtz with clots of chlorite and absorbed wallrock, 2 generations of veininmg, first qtz-chlorite, second white qtz absorbing and infiltrating wallrock. Crosscuts foliation but very irregular contacts.

<<Vein: 96.3 - 99 5% Quartz 57 deg. >> light grey foliaform qtz and lensoidal qtz.

<<Vein: 97.6 - 98.3 0.1% Quartz-Sulphide 38 deg. >> rare true crosscutting white-light grey qtz veinlets filling brittle fractures, specks py and poss vfg sph and galena, vuggy.

<<Vein: 99 - 114.1 10% Quartz 55 deg. >> White and light grey qtz, 2 generations, up to 20 cm wide, foliaform but often deformed - sheared, veins often wedge shaped - boudinaged, locally with embayments into wallrock, local black styolites, wallrock inclusions and minor chlorite common.

<<Struc: 85.8 - 85.9 strong to intense Veining - fracture fill>> crosscutting vein, avg of upper and lower contacts that crosscut fol

<<Struc: 85.9 - 88.1 strong S1, compositional layering>>

<<Struc: 85.9 - 88.1 strong Foliated>>

<<Struc: 86.1 - 86.6 weak to moderate Veining - fracture fill>> Sparse, discontinuous, cut and offset by fol, crosscutting 1-3mm qtz veinlets.

<<Struc: 88.4 - 89 strong Foliated>> wavy

<<Struc: 88.5 - 89.6 weak to moderate Veining - fracture fill>> discontinuous 1-3mm qtz veinlets cross cutting fol.

<<Struc: 89.7 - 89.82 strong to intense Veining - fracture fill>> white qtz-chl vein conformable to fol but has irregular embayments in wallrock.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 89.9 - 92.5 strong Foliated>>									
		<<Struc: 92.5 - 94.2 strong Foliated>>									
		<<Struc: 94.2 - 95.6 strong Foliated>>									
		<<Struc: 95.6 - 96.3 strong to intense Veining - fracture fill>> qtz - chl vein, irregular contacts, 55 deg upper and 65 deg contacts.									
		<<Struc: 96.3 - 99.05 strong Foliated>>									
		<<Struc: 99.05 - 103.4 strong Foliated>>									
		<<Struc: 103.4 - 115.6 strong Foliated>>									
107.85	**110.42**	**LMST Limestone grey FG**									
		107.85 - 110.42: foliated and banded medium grey marble (protolith was limy siltstone) with dark grey phyllite partings, locally with trace graphite.									
110.42	**129.70**	**PHYL Phyllite grey-green FG**	114.00	115.25	1.25	1902513	0.005	-0.3	37	71	-3
		110.42 - 129.7: Monotonous sequence of foliated grey to light green phyllite, local zones of quartzite and/or silicification, minor bands of marble and calcareous siltstone. Local and minor graphite on phyllitic partings. Local and minor chlorite on partings and within and on margins of qtz veining. 122.8-125.0; increase in chlorite and sericite. 118.65-118.8m and 122.1-122.25: white calcareous qtzite bands.									
		<<Min: 114.5 - 119.4 0.1% pyrrhotite>> diss and finely diss in schist and qtz veins, locally in rare cross cutting brittle fractures	128.50	129.70	1.20	1902514	-0.005	-0.3	12	73	-3
		<<Alt: 110.42 - 129.7 weak Bleaching>> light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins.									
		<<Alt: 122.8 - 129.7 weak to moderate Chlorite >> in phyllites and in and on margins of qtz veins									
		<<Vein: 114.1 - 117 4% Quartz 55 deg. >> White and light grey qtz, 2 generations, up to 3cm wide, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, local black styolites, wallrock inclusions and minor chlorite common.									
		<<Vein: 117 - 129.7 8% Quartz 55 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and minor chlorite common.									
		<<Struc: 115.6 - 116 strong Foliated>> wavy									
		<<Struc: 116 - 116.65 strong fault>> lower contact, minor gouge.									
		<<Struc: 116.65 - 117 strong Foliated>>									
		<<Struc: 116.65 - 117 strong Crenulation cleavage>>									
		<<Struc: 117 - 118.6 strong Foliated>>									
		<<Struc: 118.6 - 121 strong Foliated>>									
		<<Struc: 121 - 129.7 strong Foliated>>									
		<<Struc: 124.5 - 124.55 strong fault>> narrow gougy fault zone.									
		<<Struc: 129.5 - 129.6 strong Axial plane cleavage>> tight fold									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
129.70	**140.65**	**QRZT phy interbedded Quartzite over phyllite grey-green FG**	138.90	140.00	1.10	1902515	-0.005	-0.3	7	76	-3

129.7 - 140.65: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Foiliaform Qtz veining, commonly deformed, throughout. Gritty bands at 140m.

<<Min: 129.7 - 131.6 0.1% pyrrhotite>> trace

<<Min: 131.6 - 132 0.5% pyrrhotite>> <1mm diss and >1% diss. Mostly in foliation cross cutting qtz 1-3mm veinlets

<<Min: 132 - 147 0.1% pyrrhotite>> trace diss and finely diss

<<Alt: 129.7 - 170.45 weak Bleaching>> Light grey green bands associated with sericite - muscovite, commonly more intense around qtz veins.

<<Alt: 129.7 - 178 weak Chlorite >> in phyllites and in and on margins of qtz veins

<<Alt: 129.7 - 189 weak to moderate White mica (Sericite)>> on phyllite partings - silky planes, concentrated in phyllite bands.

<<Vein: 129.7 - 133 5% Quartz 43 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and minor chlorite common.

<<Vein: 133 - 138.25 7% Quartz 47 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and minor chlorite common.

<<Vein: 138.25 - 149.15 13% Quartz 40 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and minor chlorite common.

<<Struc: 129.7 - 158 strong Foliated>>

140.65	**147.50**	**QRZT Quartzite grey-green FG**	147.00	148.30	1.30	1902516	-0.005	-0.3	14	56	-3

140.65 - 147.5: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite (predominently 144.7 - 145.60). Quartzite bands are gritty, 0.1-1.0 mm. Foiliaform Qtz veining, commonly deformed, throughout.

<<Min: 147 - 149 0.5% pyrrhotite>> <1mm diss and >1% diss. Mostly in foliation cross cutting qtz 1-3mm veinlets

147.50	**159.70**	**QRZT phy interbedded Quartzite over phyllite grey-green FG**	152.00	153.30	1.30	1902517	-0.005	-0.3	19	79	-3

147.5 - 159.7: Schistose light grey and green grey quartzite bands with muscovite - sericite partings, lesser grey and green phyllite bands, soft with green sericite. Locally quartzite bands (up to 30 cm thick) are gritty, 0.1-1.0 mm. Foiliaform Qtz veining, commonly deformed, throughout.

<<Min: 149 - 152 0.1% pyrrhotite>> trace

<<Min: 152 - 153.3 0.3% pyrite>> mostly on foliation, cubes up to 0.5cm

<<Min: 152 - 153.3 0.2% pyrrhotite>> mostly on foliation

<<Min: 153.3 - 158 0.1% pyrrhotite>> trace

<<Vein: 149.15 - 150.7 30% Quartz 45 deg. >> mostly foliaform grey qtz and grey qtz vein flooding along foliation planes. Some qtz veining - flooding cuts across foliation.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Vein: 150.7 - 153.9 5% Quartz 40 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and minor chlorite common.									
		<<Vein: 153.9 - 154.8 40% Quartz 10 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.									
		<<Vein: 154.8 - 158 5% Quartz 47 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.									
		<<Vein: 158 - 164.5 4% Quartz 48 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.									
		<<Struc: 149.15 - 149.25 moderate to strong shear>> Crushed schist, minor clays on foliation planes									
		<<Struc: 153.9 - 154 strong shear>> parallel to foliation, minor clay gouge									
		<<Struc: 158 - 168.4 strong Foliated>> uniform									
159.70	**170.45**	**PHYL Phyllite grey-green FG**	167.60	168.82	1.22	1902518	-0.005	-0.3	17	50	-3
		159.7 - 170.45: Banded phyllite-quartzite; schistose light - rare dark grey and green grey phyllite bands with muscovite - sericite partings, lesser grey and green quartzite bands, locally gritty, also with muscovite sericite partings. Foiliaform Qtz veining, commonly deformed, throughout. Occasional trace - minor calcite bands along foliation throughout but from 168.5-170.45m unit is calcaerous gritty siltsone.									
		<<Min: 161.3 - 170.5 0.1% pyrite>> trace, fine to occasional mm and rare cm blebs.									
		<<Min: 161.3 - 170.5 0.1% pyrrhotite>> trace, fine to occasional mm blebs,									
		<<Vein: 164.5 - 169 15% Quartz 47 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.									
		<<Vein: 168.5 - 170.45 5% Calcite 60 deg. >> white foliaform calcite stringers									
		<<Vein: 169 - 172.8 3% Quartz 70 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.									
		<<Struc: 167.7 - 167.8 weak to moderate Axial plane cleavage>> cross cutting foliation, approximately orthogonal.									
		<<Struc: 168.4 - 172.8 strong Foliated>> steeper fol in quartzite and in gritty but nonsiliceous band from 168.7-170.45m. Cross cutting fracture-veinlets commonly have movement as they drag foliation.									
170.45	**172.80**	**QRZT Quartzite grey-green FG**	170.70	172.00	1.30	1902519	0.008	-0.3	13	24	-3
		170.45 - 172.8: Predominently lght grey quartzite bands with muscovite - sericite partings, lesser grey phyllite bands. Minor foliaform Qtz veining, commonly deformed, throughout as well as thin 1-3mm crosscutting vuggy qtz veins.									
		<<Min: 170.5 - 172 0.5% pyrite>> diss py in cross cutting vuggy qtz veinlets - veins.									
		<<Min: 172 - 178.7 0.1% pyrite>> trace									
		<<Struc: 170.6 - 172 moderate veinlet>> vuggy sulfide bearing veinlets in quartzite crosscutting foliation. Right unit and right type of veining!									

From (m)	To (m)	Rocktype & Description
172.80	**189.00**	**PHYL Phyllite grey-green FG**

172.8 - 189: Banded phyllite-quartzite; schistose light - rare dark grey and green grey phyllite bands with muscovite - sericite partings, lesser grey and green quartzite bands, locally gritty, also with muscovite sericite partings. Dark grey finely banded phyllite with diss po and trace graphite more common below 181m and by 187-189 m is ubiquitous. Foiliaform Qtz veining, commonly deformed, throughout. Locally minor calcareous bands.

<<Min: 178.7 - 187.7 0.1% pyrite>> finely diss and diss in black -dark grey phyllite and cross cutting qtz veinlets and fractures.

<<Min: 178.7 - 187.7 1% pyrrhotite>> finely diss and diss in black -dark grey phyllite and cross cutting qtz veinlets and fractures (blebs in some veins).

<<Min: 178.7 - 187.7 0.01% arsenopyrite>> possible fine grained aspy with po,py in qtz veins.

<<Min: 187.7 - 190.2 2% pyrrhotite>> diss in dark grey phyllite

<<Alt: 178 - 187.6 weak to moderate Chlorite >> in fractures and in qtz veins.

<<Vein: 172.8 - 178.8 1% Quartz-Carbonate 45 deg. >> white qtz-cal filling brittle vein fractures crosscutting foliation

<<Vein: 172.8 - 188.15 10% Quartz 45 deg. >> White and light grey qtz, 2 generations, foliaform, veins often wedge shaped - boudinaged, locally with embayments into wallrock, wallrock inclusions and rare chlorite.

<<Vein: 178.8 - 186.5 2% Quartz-Carbonate 45 deg. >> light grey - white cross cutting (localy parallel to core axis, commonly 25 deg) qtz - cal veins 0.2cm - 2cm, thicker veins with chlorite and blebby po.

<<Struc: 172.8 - 175.1 strong Foliated>>

<<Struc: 175.1 - 175.53 strong Foliated>> undulating fol and mild deformation above fault

<<Struc: 175.53 - 176 strong to intense fault gouge>> upper contact at 30deg, lower conact not exposed, gouge and crushed phyllite-quartzite-quartz.

<<Struc: 176 - 176.3 strong Foliated>> Mild deformation - brecciation adjacent to lower fault contact. Foliation steepens away from fault.

<<Struc: 176.3 - 181 strong Foliated>>

<<Struc: 177.75 - 177.9 strong shear>>

<<Struc: 180.7 - 186.5 weak to moderate veinlet>> zone of cross cutting fracture - qtz veins

<<Struc: 181 - 188.8 strong Foliated>>

<<Struc: 182.8 - 182.9 weak to moderate Kink bands>> kink band cross cutting foliation

<<Struc: 188.8 - 193 strong to intense Foliated>> uniform

From (m)	To (m)	Rocktype & Description
189.00	**208.70**	**QRZT Quartzite dark grey FG**

189 - 208.7: predominantly banded dark grey graphitic quartzite and white qtzite bands - blebs with lesser mm to sub mm bands and wisps of siliceous argillite - graphite - mica that define the foliation planes. Disseminated pyrite and lesser pyrrhotite throughout, average 5% combined. Unit is homogeneous, competent, has a uniform foliation.

<<Min: 190.2 - 192.7 2% pyrrhotite>>

<<Min: 190.2 - 206.3 5% pyrite>> coarse (up to cm size) and fine grained

<<Min: 206.3 - 208.8 1% pyrite>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
183.50	184.60	1.10	1902521	-0.005	-0.3	24	82	-3
190.80	192.00	1.20	1902522	0.012	0.9	16	311	-3
198.80	200.00	1.20	1902523	0.025	2.5	15	550	5

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Min: 206.3 - 208.8 3% pyrrhotite>>									
		<<Vein: 189 - 190.7 8% Quartz-Carbonate 60 deg. >> light grey qtz, very minor calcite in some veins									
		<<Vein: 190.7 - 208.7 2% Quartz 60 deg. >>									
		<<Struc: 193 - 194.2 moderate Axial plane cleavage>>									
		<<Struc: 193.7 - 194.2 strong to intense Foliated>> bedding parallel foliation wrapping around minor fold and being cut by axial planer clevage.									
		<<Struc: 194.2 - 208.7 strong to intense Foliated>>									
208.70	**215.15**	**QRZT Quartzite grey FG**	210.00	211.25	1.25	1902524	0.009	0.4	3	34	-3
		208.7 - 215.15: Grey foliated quartzite, lesser phyllite bands forming micaceous partings, trace graphite in micaceous partings. From 213.60-215.15, darker grey, increase in phyllite, minor dark grey siliceous argillite bands increase down hole. Foliation cuts banding creating crenulations - cm scale limbless folds. Trace calcite, below 214.9 m minor calcareous bands.									
		<<Min: 208.8 - 215.15 0.1% pyrite>>									
		<<Min: 208.8 - 215.5 2% pyrrhotite>>									
		<<Vein: 208.7 - 215.15 10% Quartz 50 deg. >> trace calcite locally									
		<<Vein: 214.13 - 214.43 100% Quartz-Carbonate 30 deg. >> more of a qtz flooded zone with 40% bleached altered inclusions. Trace calcite									
		<<Struc: 208.7 - 214.5 strong to intense Foliated>> has a shear component as it cuts and dismembers mineral banding - earlier foliation.									
		<<Struc: 214.5 - 215.15 strong to intense Foliated>>									
215.15	**219.45**	**FLTZ Fault Zone black AFG**	218.30	219.45	1.15	1902525	0.015	0.9	22	279	3
		215.15 - 219.45: Fault zone; pieces dark grey phllite and rare grey quartzite. 5cm clay gouge at upper contact and 50 cm sand - gritty crushed phyllite recovered. Poor recovery. Local and minor calareous bands.									
		<<Min: 215.15 - 225 3% pyrite>> diss and as wisps along fol and diss in both rare cross cutting and foliaform qtz veining.									
		<<Struc: 215.5 - 215.6 strong to intense fault gouge>>									
		<<Struc: 215.6 - 219.45 strong fault>>									
219.45	**225.00**	**QRZT phy interbedded Quartzite over phyllite dark grey FG**	223.45	225.00	1.55	1902526	0.011	0.4	9	49	3
		219.45 - 225: Grey foliated quartzite, lesser phyllite bands forming micaceous partings, trace graphite on micaceous partings. Darker grey phyllite bands are non-siliceous. 223.80-225.00 (EOH), broken core, shearing and 40cm white qtz vein.									
		<<Vein: 219.5 - 221 1% Quartz-Pyrite 45 deg. >> filling irregular brittle cross cutting fractures.									
		<<Vein: 220.6 - 224.4 5% Quartz-Carbonate 42 deg. >> weakly calcaerous and calcareous inclusions (calcareous wallrock).									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Vein: 224.4 - 224.8 100% Quartz 47 deg. >> white qtz vein in a shear zone, lower contact at 47deg with minor gouge, upper contact appears sheared and weakly brx. Might parallel to foliation if shear zone is. <<Struc: 219.45 - 221.7 strong Foliated>> <<Struc: 221.7 - 225 strong Foliated>> 225m EOH <<Struc: 224.4 - 224.8 strong veinlet>> lower vein contact along shear plane. **End of Hole @ 225**									

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GeoSpark Logger ~ Strip Log

Project: **Haldane** **Hole Number:** **HLD19-15**

Prospect:	Bighorn	Hole Type:	DD	Survey Type:	GPS	Logged By:	Roger Hulstein
Grid:	NAD83_Z8	Hole Diameter:	4 3/4	Survey By:	Jerome de Pasquale	Date Logging Start:	8/27/2019
UTM Easting:	454030	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	9/5/2019
UTM Northing:	7084248	Casing Pulled?:	YES	Dip:	-50	Drill Company:	NewAge
UTM Elev. (m):	935	Casing Depth (m):	3	Length (m):	351	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	HAO	Drill Started:	8/26/2019
Local Northing:		Cemented?:	YES	Core Storage Loc.:	old Haldane camp	Drill Completed:	9/4/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	BH19-01	Parent Hole:	

HLD19-15 cut several mineralized structures with silicification, siderite gouge, and variable galena, pyrite, sphalerite. Stringer veinlets with sulphides common in lower part of hole. Greenish coloured phyllitic quartzite, micaceous, talcose feel locally, near bottom - alteration or metamorphic assemblage?

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
15	-50.1	66.5	20	86.5	ReflexEMS	Wayne Lupien	8/26/2019	58963	☑	
45	-50.9	64.8	20	84.8	ReflexEMS	Wayne Lupien	8/26/2019	57831	☑	
75	-51.3	64	20	84	ReflexEMS	Wayne Lupien	8/27/2019	58189	☑	
99	-51.1	63.8	20	83.8	ReflexEMS	Wayne Lupien	8/28/2019	57942	☑	
129	-51.4	64.4	20	84.4	ReflexEMS	Wayne Lupien	8/28/2019	58085	☑	
162	-51.4	65.2	20	85.2	ReflexEMS	Wayne Lupien	8/29/2019	58125	☑	
195	-51.9	64.7	20	84.7	ReflexEMS	Wayne Lupien	8/30/2019	58004	☑	
225	-51.4	63.8	20	83.8	ReflexEMS	Wayne Lupien	8/31/2019	58503	☑	
255	-53	65.3	20	85.3	ReflexEMS	Wayne Lupien	9/1/2019	57922	☑	
285	53.3	66.5	20	86.5	ReflexEMS	Wayne Lupien	9/2/2019	58017	☑	
315	-56.5	55.5	20	75.5	ReflexEMS	Wayne Lupien	9/3/2019	57954	☑	wonky, po in test area but that doesn't explain 3 deg dip change, test needs to be redone or ignored.
345	-57.7	56.7	20	76.7	ReflexEMS	Wayne Lupien	9/4/2019	58173	☑	validates previous test. Possible kick off rubble in hole?

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5
0.00	**CASN**									
	0-3: no recovery - overburden									
	0-3:CASN 3-5.7:DIOR									

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

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GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15

Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
5.00	**QRZT phy**									
	5.7 - 11.9: oxidized and leached - local vuggy bands (<10cm) of 10% 1mm vugs, likely due to weathered out carbonate. Interbanded quartzite and phyllite (mm to 10's of cm), phyllite composed of qtz - muscovite, muscovite partings on foliation.									
10.00	**QRZT**	9.50	10.60	1.10	1902527	-0.005	3.8	469	206	-3
	11.9 - 16.05: quartzite with lesser phyllitic section s that are sheared. Qtz flooding - veining along foliation seperating qtzite bands. One 1cm bands with fine 1mm vugs - weathered out carbonate.									
15.00										
	11.9-16.05: quartzite with lesser phyllitic section s that are sheared. Qtz flooding - veining along foliation seperating qtzite bands. One 1cm bands with fine 1mm vugs - weathered out carbonate.									
	11.9-16.05:QRZT 16.05-18.75:VNQZ 18.75-20.8:QRZT									
		16.05	17.05	1.00	1902528	-0.005	0.7	422	18	-3
		17.05	18.55	1.50	1902613	-0.005	0.6	157	15	-3
20.00	**QRZT phy**	18.55	20.10	1.55	1902614	-0.005	0.7	63	20	-3
	20.8-22.75: Mostly grey qtzite, with gritty and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 10cm, look bleached, have some are leached with about 10% 1mm vugs (weathered out carbonate). Phyllite bands are weakly sheared with minor gouge and broken core (<10cm zones).									
	20.8-22.75:QRZT phy									
25.00	**QRZT**	27.00	28.45	1.45	1902529	-0.005	0.4	74	38	-3
	22.75 - 36.35: Banded (1-10mm) and (parallel) foliated grey qtzite, minor micaceous partings, rare (10cm) grey phyllite sections that are commonly sheared, Two 10-20 cm bleached gritty sections with 1cm FeOx margins (minor vugs).									
30.00		32.00	33.40	1.40	1902530	-0.005	1.5	636	56	-3
35.00	**QRZT phy**									
	36.35 - 44.7: Mostly grey qtzite, with bleached, leached and locally vuggy gritty and darker grey phyllite bands . Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with about 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated and locally sheared with minor clay gouge (sheared zones < 10 cm).									
40.00		43.83	45.00	1.17	1902531	-0.005	1.6	738	70	-3
45.00	**QRZT**	48.00	50.00	2.00	1902532	-0.005	3.3	1870	123	-3
	44.7 - 56.45: Mostly grey qtzite, with rare gritty and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 3cm wide, look bleached, some are leached with about 10% 1mm vugs (weathered out carbonate). Rare phyllite bands are weakly sheared with minor gouge and broken core (<10cm zones). Core very broken with numerous rounded core rubble zones - not easy drilling…..									
50.00		50.00	51.00	1.00	1902533	-0.005	1.6	2030	68	-3
		51.00	52.25	1.25	1902534	0.005	1.6	1269	94	-3
		52.25	53.65	1.40	1902544	-0.005	1	950	104	-3
55.00	**QRZT phy**									
	56.45 - 96.1: Mostly grey qtzite, with bleached, leached and locally vuggy gritty and darker grey phyllite bands . Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated.									
60.00		63.00	64.60	1.60	1902535	-0.005	1.9	3101	315	-3
65.00										
70.00		68.80	70.30	1.50	1902536	0.011	2.3	25	496	-3
75.00		76.67	78.18	1.51	1902537	0.007	0.9	48	249	-3

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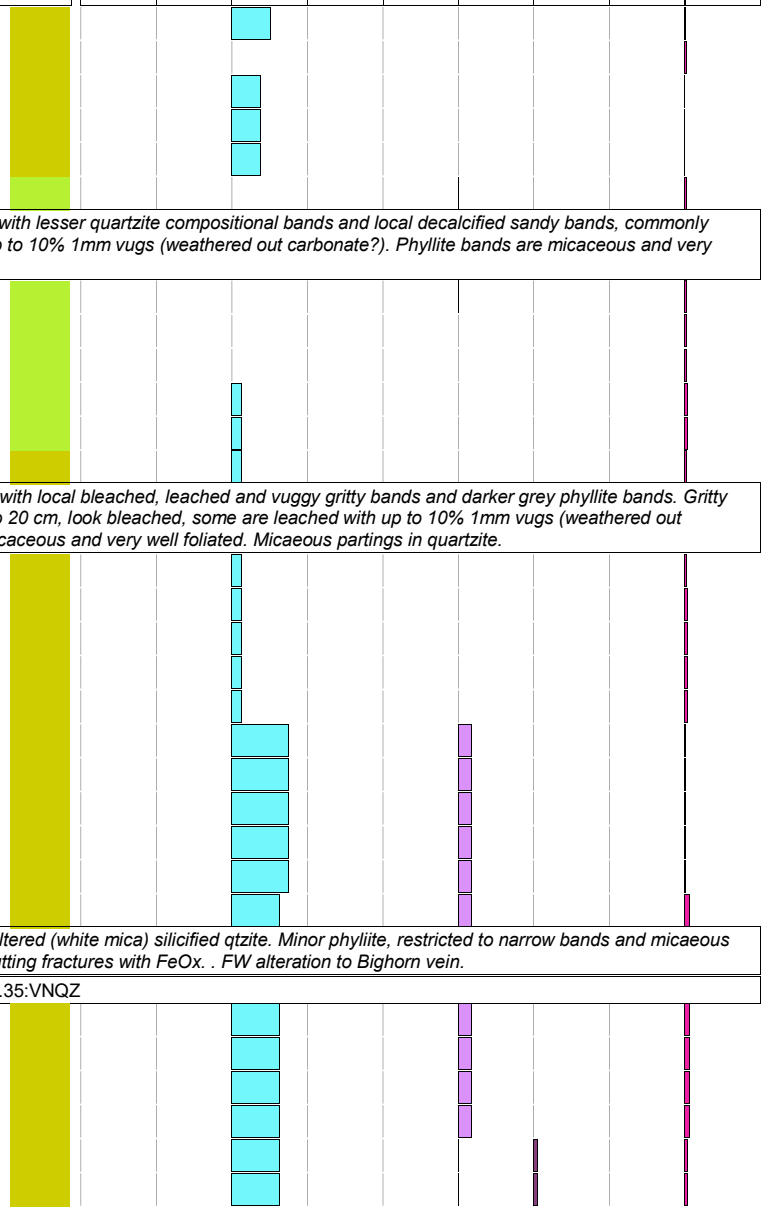
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
80.00		82.57	84.00	1.43	1902538	-0.005	0.9	36	406	-3
85.00		86.00	87.70	1.70	1902539	-0.005	2.9	1059	73	-3
90.00		91.95	93.25	1.30	1902540	-0.005	2.2	861	145	-3
		93.25	94.25	1.00	1902542	-0.005	2.4	1871	336	3
95.00	**PHYL**	94.25	95.65	1.40	1902543	-0.005	2.4	357	536	-3
	96.1 - 108.15: Mostly grey phyllite with lesser quartzite compositional bands and local decalcified sandy bands, commonly weathered to a rusty brown with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated.	97.70	99.05	1.35	1902545	-0.005	1.8	15	341	-3
100.00		100.00	101.40	1.40	1902546	-0.005	0.9	26	263	-3
		101.40	102.80	1.40	1902547	-0.005	1.2	23	289	-3
105.00		106.70	108.15	1.45	1902548	-0.005	1.1	66	1420	-3
		108.90	110.40	1.50	1902549	-0.005	0.9	90	128	-3
110.00	**QRZT phy**									
	108.15 - 123.4: Mostly grey qtzite, with local bleached, leached and vuggy gritty bands and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated. Micaeous partings in quartzite.	113.70	115.00	1.30	1902550	-0.005	1.9	57	273	-3
115.00		115.00	116.00	1.00	1902551	-0.005	1.3	17	360	-3
		116.00	117.50	1.50	1902552	-0.005	1.1	74	306	-3
		117.50	119.00	1.50	1902553	-0.005	0.7	111	116	-3
		119.00	120.00	1.00	1902554	-0.005	1.1	62	145	-3
120.00		120.00	121.30	1.30	1902555	-0.005	0.8	47	98	-3
		121.30	122.40	1.10	1902556	-0.005	1.2	20	200	-3
		122.40	123.40	1.00	1902557	-0.005	0.4	15	101	-3
		123.40	124.10	0.70	1902558	-0.005	0.8	18	119	-3
		124.10	125.40	1.30	1902559	-0.005	1.8	14	287	-3
125.00										
	127.35 - 134.4: Light grey phyllic altered (white mica) silicified qtzite. Minor phyliite, restricted to narrow bands and micaeous partings in quartzite. Rare cross cutting fractures with FeOx. . FW alteration to Bighorn vein.									
	123.4-126.5:QRZT phy 126.5-127.35:VNQZ	125.40	126.50	1.10	1902561	-0.005	2.3	44	235	-3
		126.50	127.45	0.95	1902562	-0.005	10.4	122	507	-3
		127.45	129.00	1.55	1902563	-0.005	1.8	33	196	-3
		129.00	130.50	1.50	1902564	-0.005	2.1	114	255	-3
130.00										
		130.50	132.00	1.50	1902565	-0.005	1.1	14	628	-3

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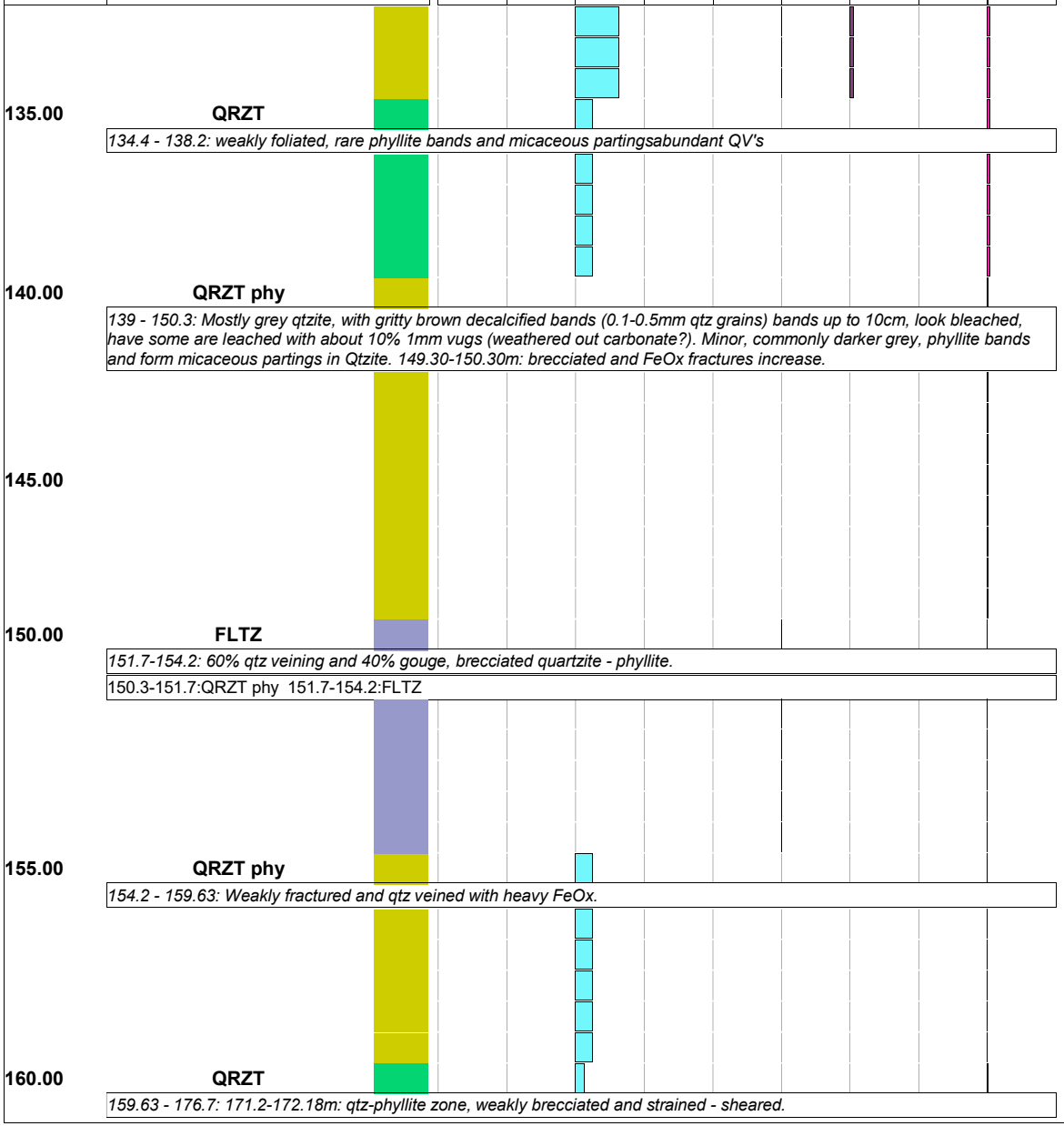
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15



From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
132.00	133.30	1.30	1902566	-0.005	1.1	288	411	-3
133.30	134.40	1.10	1902567	-0.005	3.7	1670	689	3
134.40	135.50	1.10	1902568	0.023	7.4	11600	400	15
135.50	137.05	1.55	1902569	-0.005	1.4	322	209	-3
137.05	138.15	1.10	1902570	-0.005	0.8	169	154	-3
138.15	139.35	1.20	1902571	-0.005	1.7	40	725	-3
139.35	140.80	1.45	1902572	-0.005	2.1	113	457	-3
140.80	142.30	1.50	1902573	-0.005	1.5	210	203	-3
142.30	143.70	1.40	1902574	-0.005	1.1	87	286	-3
143.70	145.20	1.50	1902575	-0.005	0.7	27	352	-3
145.20	146.70	1.50	1902576	-0.005	0.9	85	315	-3
146.70	148.20	1.50	1902577	-0.005	1.4	269	390	-3
148.20	149.40	1.20	1902578	-0.005	1.3	184	309	-3
149.40	150.30	0.90	1902579	-0.005	1.2	280	335	-3
150.30	151.70	1.40	1902581	-0.005	1.9	635	501	-3
151.70	153.00	1.30	1902582	-0.005	4.2	3102	1248	6
153.00	154.15	1.15	1902583	-0.005	7.8	3812	910	7
154.15	154.70	0.55	1902584	-0.005	12.7	6280	720	13
154.70	155.50	0.80	1902585	0.008	338	114100	700	165
155.50	156.50	1.00	1902586	-0.005	17.9	8399	1216	13
156.50	157.25	0.75	1902587	-0.005	9.4	2475	1332	-3
157.25	158.30	1.05	1902588	0.006	13.3	8146	3231	10
158.30	159.63	1.33	1902589	-0.005	1.3	663	2682	-3
159.63	161.00	1.37	1902590	-0.005	1.5	707	605	-3

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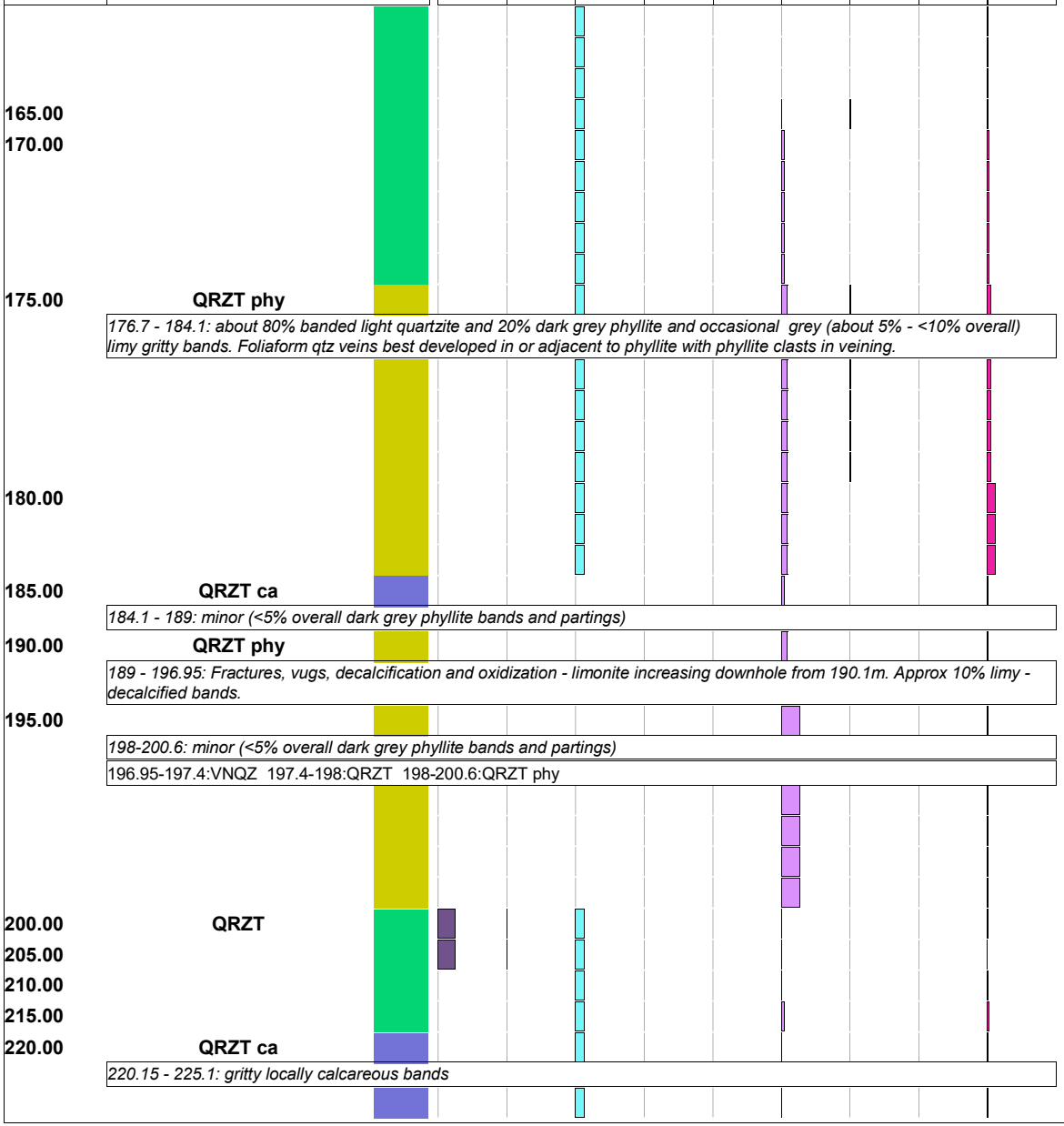
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15

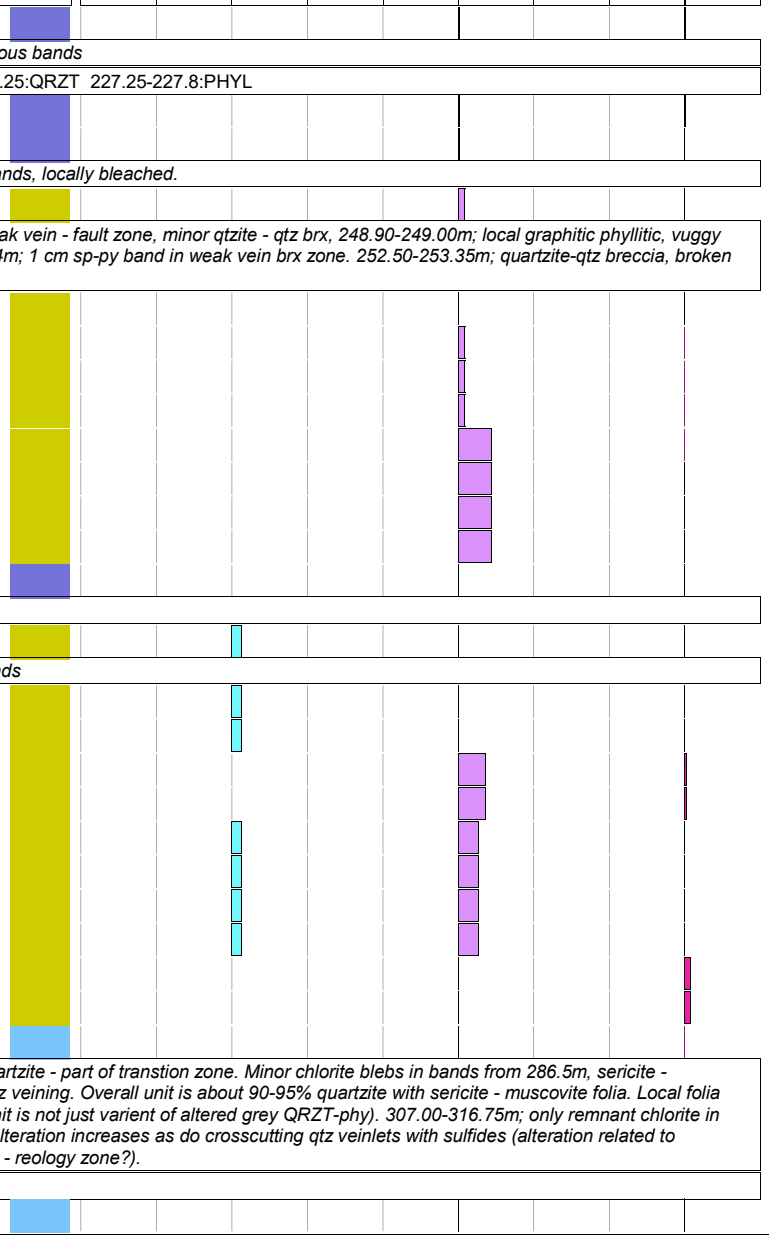


From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
161.00	162.00	1.00	1902591	-0.005	28.5	19800	1900	23
162.00	163.00	1.00	1902592	-0.005	2.5	844	2135	3
163.00	164.55	1.55	1902593	-0.005	4	1380	6351	-3
169.20	170.20	1.00	1902594	-0.005	1	182	1296	-3
170.20	171.20	1.00	1902595	-0.005	-0.3	52	590	-3
171.20	172.20	1.00	1902596	-0.005	1.4	150	2128	-3
172.20	173.70	1.50	1902597	-0.005	1.2	540	1017	-3
173.70	175.20	1.50	1902598	-0.005	1.5	545	2177	-3
175.20	176.70	1.50	1902599	-0.005	0.8	167	681	-3
176.70	178.20	1.50	1902601	-0.005	1	47	521	-3
178.20	179.70	1.50	1902602	-0.005	0.6	31	54	-3
179.70	181.20	1.50	1902603	-0.005	-0.3	8	15	-3
181.20	182.65	1.45	1902604	-0.005	-0.3	7	42	-3
182.65	184.10	1.45	1902605	-0.005	0.5	25	68	-3
195.85	196.95	1.10	1902606	-0.005	0.4	20	242	-3
196.95	197.40	0.45	1902607	0.006	92	36100	56900	56
197.40	198.00	0.60	1902608	-0.005	15.3	9397	5049	14
198.00	199.10	1.10	1902609	-0.005	0.4	172	483	-3
199.10	200.60	1.50	1902610	-0.005	0.7	133	946	-3
211.40	212.55	1.15	1902611	-0.005	-0.3	69	2902	-3
222.90	223.90	1.00	1902612	-0.005	4.5	1951	2122	-3

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
225.00		223.90	225.40	1.50	1902615	0.006	0.4	45	1446	-3
	220.15-225.1: gritty locally calcareous bands									
	220.15-225.1:QRZT ca 225.1-227.25:QRZT 227.25-227.8:PHYL									
		225.40	226.90	1.50	1902616	-0.005	1.2	135	623	-3
230.00										
	227.8 - 234.4: Minor calcareous bands, locally bleached.									
235.00	**QRZT phy**	235.85	237.45	1.60	1902617	-0.005	0.6	17	881	-3
	234.4 - 253.35: 249.80-253.35; weak vein - fault zone, minor qtzite - qtz brx, 248.90-249.00m; local graphitic phyllitic, vuggy weakly sheared qtz, 251.14-251.24m; 1 cm sp-py band in weak vein brx zone. 252.50-253.35m; quartzite-qtz breccia, broken core and minor fault gouge.									
240.00										
245.00		246.15	247.65	1.50	1902618	-0.005	0.8	10	851	-3
		247.65	248.90	1.25	1902619	-0.005	0.7	79	345	-3
		248.90	250.00	1.10	1902621	-0.005	1.1	93	517	-3
250.00		250.00	251.00	1.00	1902622	-0.005	0.7	108	478	-3
		251.00	251.60	0.60	1902623	0.007	3	700	20600	-3
		251.60	252.60	1.00	1902624	-0.005	2.3	739	4831	-3
		252.60	253.60	1.00	1902625	0.011	4.1	786	9070	4
255.00	**QRZT ca**									
	253.35 - 257.85: calcite leached									
260.00	**QRZT phy**									
	257.85 - 279.6: numerous limy bands									
		260.00	261.00	1.00	1902626	-0.005	0.5	11	299	-3
		263.30	264.30	1.00	1902627	-0.005	0.5	7	230	-3
265.00		264.30	265.30	1.00	1902628	-0.005	0.4	6	186	-3
		265.30	266.30	1.00	1902629	-0.005	0.4	7	53	-3
270.00		270.00	271.00	1.00	1902630	-0.005	0.6	14	244	-3
		271.00	271.40	0.40	1902631	0.005	42.7	21600	10700	23
		271.40	273.00	1.60	1902632	-0.005	0.6	44	282	-3
		273.00	274.00	1.00	1902633	-0.005	0.4	33	134	-3
275.00										
		276.40	277.90	1.50	1902634	-0.005	0.5	13	67	-3
280.00	**SCHS**	279.90	281.40	1.50	1902635	-0.005	0.4	15	71	-3
	281.4 - 316.75: Upper 75 cm is quartzite - part of transtion zone. Minor chlorite blebs in bands from 286.5m, sericite - muscovite most in tense around qtz veining. Overall unit is about 90-95% quartzite with sericite - muscovite folia. Local folia of dark grey phyllite (shows that unit is not just varient of altered grey QRZT-phy). 307.00-316.75m; only remnant chlorite in foliaform qtz, muscovite - sericite alteration increases as do crosscutting qtz veinlets with sulfides (alteration related to veininmg -sulfides at lower contact - reology zone?).									
	279.6-281.4:QRZT ca									
		281.40	282.40	1.00	1902636	-0.005	-0.3	13	66	-3

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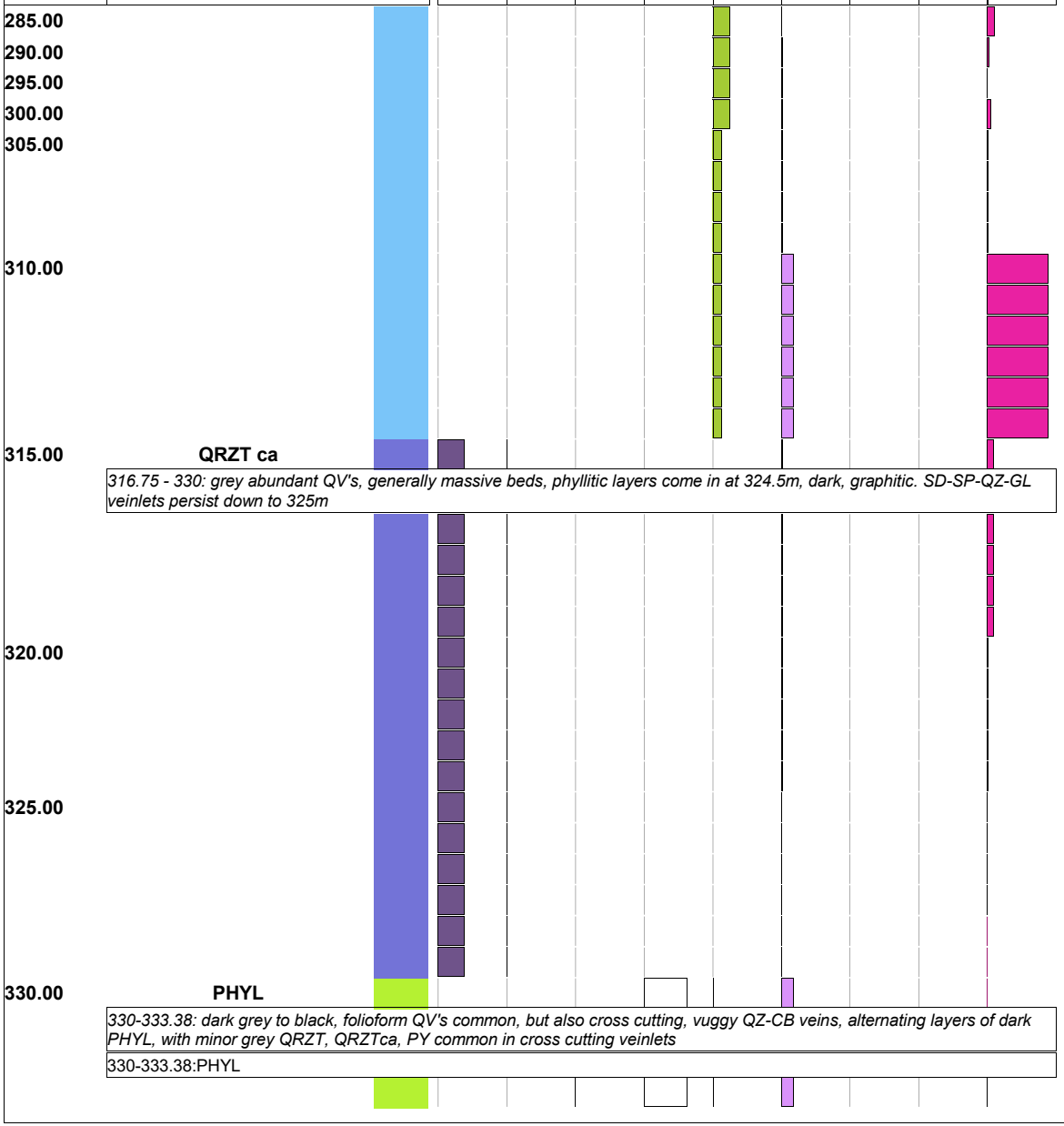
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15



From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
288.54	289.60	1.06	1902637	-0.005	0.4	5	88	-3
300.00	301.00	1.00	1902638	-0.005	0.4	9	76	-3
306.00	307.10	1.10	1902639	-0.005	0.9	166	85	-3
307.10	308.40	1.30	1902641	0.007	2.2	240	1328	-3
308.40	309.90	1.50	1902642	0.005	0.5	7	101	-3
309.90	311.00	1.10	1902643	0.006	0.6	11	147	-3
311.00	312.10	1.10	1902644	0.006	0.7	9	100	-3
312.10	312.45	0.35	1902645	0.005	7.8	2373	4246	-3
312.45	312.85	0.40	1902646	-0.005	2	95	1186	-3
312.85	314.35	1.50	1902647	-0.005	0.5	17	117	-3
314.35	315.25	0.90	1902648	-0.005	1	20	200	-3
315.25	316.75	1.50	1902649	0.006	0.8	9	239	-3
316.75	318.00	1.25	1902650	-0.005	0.4	23	46	-3
318.00	319.40	1.40	1902651	-0.005	0.5	104	119	-3
319.40	320.68	1.28	1902652	-0.005	0.4	80	59	-3
320.68	322.00	1.32	1902653	-0.005	0.5	22	35	-3
322.00	323.50	1.50	1902654	-0.005	0.6	53	168	-3
323.50	324.50	1.00	1902655	0.005	1.1	269	357	-3
324.50	326.00	1.50	1902656	0.014	0.9	17	122	-3
326.00	327.50	1.50	1902657	0.006	0.9	17	47	-3
327.50	328.65	1.15	1902658	-0.005	0.7	23	255	-3
328.65	329.08	0.43	1902659	-0.005	2	685	1613	-3
329.08	329.40	0.32	1902661	-0.005	2.1	600	21900	13
329.40	330.65	1.25	1902662	-0.005	0.6	43	203	-3

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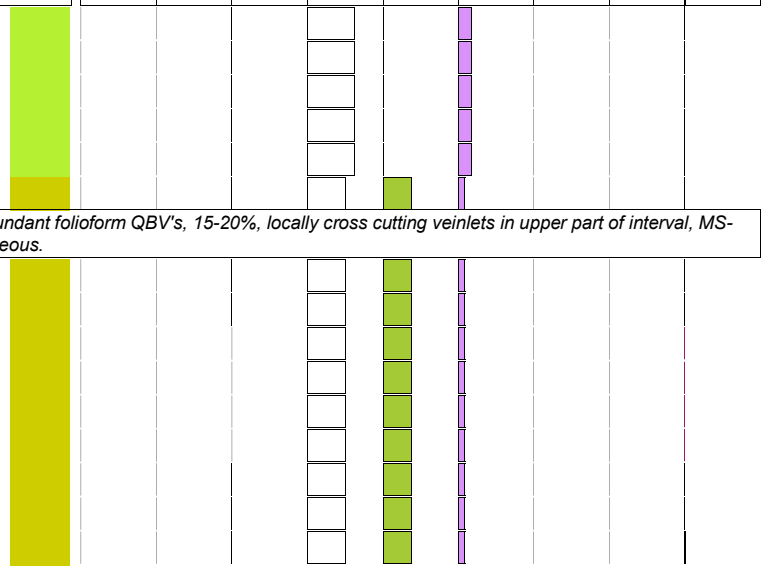
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-15



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		330.65	331.30	0.65	1902663	0.01	1.2	15	442	-3
		331.30	331.90	0.60	1902664	-0.005	1.1	17	209	-3
		331.90	332.70	0.80	1902665	0.009	0.7	12	205	-3
		332.70	333.38	0.68	1902666	-0.005	-0.3	10	35	-3
		333.38	334.70	1.32	1902667	-0.005	0.3	9	88	-3
335.00	**QRZT phy**	334.70	335.85	1.15	1902668	-0.005	1.2	48	130	-3
	333.38 - 351: grey to greenish, abundant folioform QBV's, 15-20%, locally cross cutting veinlets in upper part of interval, MS-CL alteration?, generally homogeneous.									
		335.85	336.57	0.72	1902669	-0.005	0.9	83	129	-3
		336.57	338.00	1.43	1902670	-0.005	0.5	14	91	-3
		338.00	339.00	1.00	1902671	-0.005	0.4	25	89	-3
		339.00	340.00	1.00	1902672	-0.005	2.8	375	576	-3
340.00		340.00	341.00	1.00	1902673	0.006	1.3	102	735	-3
		341.00	342.00	1.00	1902674	0.009	-0.3	12	93	-3
345.00										
		346.00	347.00	1.00	1902675	0.008	-0.3	10	94	-3
350.00		349.85	351.00	1.15	1902676	0.007	-0.3	10	72	-3

End of Hole @ 351

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: **Haldane** **Hole Number:** **HLD19-15**

Prospect:	Bighorn	Hole Type:	DD	Survey Type:	GPS	Logged By:	Roger Hulstein
Grid:	NAD83_Z8	Hole Diameter:	4 3/4	Survey By:	Jerome de Pasquale	Date Logging Start:	8/27/2019
UTM Easting:	454030	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	9/5/2019
UTM Northing:	7084248	Casing Pulled?:	YES	Dip:	-50	Drill Company:	NewAge
UTM Elev. (m):	935	Casing Depth (m):	3	Length (m):	351	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	HAO	Drill Started:	8/26/2019
Local Northing:		Cemented?:	YES	Core Storage Loc.:	old Haldane camp	Drill Completed:	9/4/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	BH19-01	Parent Hole:	

HLD19-15 cut several mineralized structures with silicification, siderite gouge, and variable galena, pyrite, sphalerite. Stringer veinlets with sulphides common in lower part of hole. Greenish coloured phyllitic quartzite, micaceous, talcose feel locally, near bottom - alteration or metamorphic assemblage?

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
15	-50.1	66.5	20	86.5	ReflexEMS	Wayne Lupien	8/26/2019	58963	☑	
45	-50.9	64.8	20	84.8	ReflexEMS	Wayne Lupien	8/26/2019	57831	☑	
75	-51.3	64	20	84	ReflexEMS	Wayne Lupien	8/27/2019	58189	☑	
99	-51.1	63.8	20	83.8	ReflexEMS	Wayne Lupien	8/28/2019	57942	☑	
129	-51.4	64.4	20	84.4	ReflexEMS	Wayne Lupien	8/28/2019	58085	☑	
162	-51.4	65.2	20	85.2	ReflexEMS	Wayne Lupien	8/29/2019	58125	☑	
195	-51.9	64.7	20	84.7	ReflexEMS	Wayne Lupien	8/30/2019	58004	☑	
225	-51.4	63.8	20	83.8	ReflexEMS	Wayne Lupien	8/31/2019	58503	☑	
255	-53	65.3	20	85.3	ReflexEMS	Wayne Lupien	9/1/2019	57922	☑	
285	53.3	66.5	20	86.5	ReflexEMS	Wayne Lupien	9/2/2019	58017	☑	
315	-56.5	55.5	20	75.5	ReflexEMS	Wayne Lupien	9/3/2019	57954	☑	wonky, po in test area but that doesn't explain 3 deg dip change, test needs to be redone or ignored.
345	-57.7	56.7	20	76.7	ReflexEMS	Wayne Lupien	9/4/2019	58173	☑	validates previous test. Possible kick off rubble in hole?

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
0.00	**3.00**	**CASN Casing**									
0 - 3: no recovery - overburden											

From (m)	To (m)	Rocktype & Description
3.00	**5.70**	**DIOR Diorite green-brown FG**

3 - 5.7: Greenstone, same as outcrop exposed along road next to drill pad.

<<Min: 3 - 11.5 1% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.

<<Alt: 3 - 60.5 weak Clay>> locally fractures and minor shears have clay.

<<Alt: 3 - 60.5 weak Bleaching>> Gritty bands are bleached and local beaching in some sheared phyllites, and on margins of some foliaform and cross cutting qtz veins.

<<Vein: 3 - 7 0.5% Quartz 50 deg. >> vuggy - FeOx qtz veinlets on fractures almost orthogonal to foliation

<<Vein: 3 - 7.2 2% Quartz 52 deg. >> some vuggy veins

<<Struc: 4 - 11.9 weak Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx

<<Struc: 4 - 11.9 strong Foliated>>

From (m)	To (m)	Rocktype & Description
5.70	**11.90**	**QRZT phy interbedded Quartzite over phyllite grey-green FG**

5.7 - 11.9: oxidized and leached - local vuggy bands (<10cm) of 10% 1mm vugs, likely due to weathered out carbonate. Interbanded quartzite and phyllite (mm to 10's of cm), phyllite composed of qtz - muscovite, muscovite partings on foliation

<<Vein: 7.2 - 11.4 3% Quartz 43 deg. >> some vuggy veins

<<Vein: 7.6 - 11.9 1% Quartz 52 deg. >> vuggy - FeOx qtz veinlets on fractures almost orthogonal to foliation

<<Vein: 11.4 - 16.05 10% Quartz 45 deg. >> some vuggy veins

<<Struc: 8.5 - 8.55 moderate to strong Fold Axis>> axial plane, minor fold with lims parallel to foliation

<<Struc: 9.45 - 9.7 moderate Crenulation cleavage>> crenulates the mineral banding that is commonly parallel to foliation

<<Struc: 10 - 10.7 weak to moderate shear>> broken core, very oxidized, clay coatings

From (m)	To (m)	Rocktype & Description
11.90	**16.05**	**QRZT Quartzite dark grey FG**

11.9 - 16.05: quartzite with lesser phyllitic section s that are sheared. Qtz flooding - veining along foliation seperating qtzite bands. One 1cm bands with fine 1mm vugs - weathered out carbonate.

<<Min: 15.85 - 47.45 1% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.

<<Vein: 13.75 - 16.05 2% Quartz 30 deg. >>

<<Struc: 11.9 - 14.5 weak to moderate shear>>

<<Struc: 12.4 - 13.55 weak Fractured>>

<<Struc: 13.55 - 16.05 moderate to strong Foliated>>

<<Struc: 13.55 - 46.5 weak Fractured>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
9.50	10.60	1.10	1902527	-0.005	3.8	469	206	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
16.05	**18.75**	**VNQZ Quartz vein white AFG**	16.05	17.05	1.00	1902528	-0.005	0.7	422	18	-3
16.05 - 18.75: qtz veining with approx 10% grey qtzite clasts, and wispy, styolite like - biotite? and clays? Wisps indicate or give appearance of being strained at low angle - possibly foliation. Minor vugs up to 1cm, minor iron oxide and yellow clays on cross cutting (not foliation) fractures.											
<<Vein: 16.05 - 18.75 90% Quartz 47 deg. >> Barren white qtz vein with wallrock clasts and occasional cross cutting rusty fractures			17.05	18.55	1.50	1902613	-0.005	0.6	157	15	-3
<<Struc: 16.05 - 18.75 weak Weakly foliated>>			18.55	20.10	1.55	1902614	-0.005	0.7	63	20	-3
18.75	**20.80**	**QRZT Quartzite grey FG**									
<<Vein: 18.75 - 20.5 5% Quartz 35 deg. >> some vuggy veins											
<<Vein: 18.85 - 19.55 15% Quartz 12 deg. >> cross cutting veins and qtz flooding											
<<Vein: 19.55 - 28.5 2% Quartz 25 deg. >> irregular, commonly at low angle to core axis.											
<<Struc: 19.6 - 34 strong Foliated>>											
20.80	**22.75**	**QRZT phy interbedded Quartzite over phyllite grey FG**									
20.8 - 22.75: Mostly grey qtzite, with gritty and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 10cm, look bleached, have some are leached with about 10% 1mm vugs (weathered out carbonate). Phyllite bands are weakly sheared with minor gouge and broken core (<10cm zones).											
<<Vein: 21.1 - 32.25 1% Quartz 40 deg. >>											
<<Vein: 21.15 - 29.75 1% Quartz 48 deg. >> vuggy - FeOx qtz veinlets on fractures almost orthogonal to foliation											
22.75	**36.35**	**QRZT Quartzite grey FG**	27.00	28.45	1.45	1902529	-0.005	0.4	74	38	-3
22.75 - 36.35: Banded (1-10mm) and (parallel) foliated grey qtzite, minor micaceous partings, rare (10cm) grey phyllite sections that are commonly sheared, Two 10-20 cm bleached gritty sections with 1cm FeOx margins (minor vugs).											
<<Alt: 34 - 36.35 moderate to strong Silicification >> quartzite but appears silicified and to obliterate foliation.			32.00	33.40	1.40	1902530	-0.005	1.5	636	56	-3
<<Vein: 32.25 - 33.4 40% Quartz 30 deg. >> qtz flooding											
<<Struc: 32.8 - 33.35 weak to moderate shear>> weak shearing along foliation in section of broken core											
<<Struc: 34 - 36.35 moderate Foliated>>											
<<Struc: 36.3 - 37 weak to moderate shear>> weak shearing along foliation in section of broken core											
36.35	**44.70**	**QRZT phy interbedded Quartzite over phyllite grey FG**	43.83	45.00	1.17	1902531	-0.005	1.6	738	70	-3
36.35 - 44.7: Mostly grey qtzite, with bleached, leached and locally vuggy gritty and darker grey phyllite bands . Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with about 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated and locally sheared with minor clay gouge (sheared zones < 10 cm).											
<<Alt: 44.6 - 46 moderate to strong Silicification >> quartzite but appears silicified and to obliterate foliation.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Vein: 38.5 - 40.65 10% Quartz 32 deg. >>									
		<<Vein: 42.59 - 42.61 100% Quartz 40 deg. >> vuggy white qtz									
		<<Vein: 44.2 - 45.75 2% Quartz 45 deg. >> vuggy, some qtz flooding									
		<<Struc: 36.35 - 40.65 strong Foliated>>									
		<<Struc: 40.65 - 42.5 moderate Foliated>>									
		<<Struc: 42.5 - 44.8 strong Foliated>>									
44.70	**56.45**	**QRZT Quartzite grey FG**	48.00	50.00	2.00	1902532	-0.005	3.3	1870	123	-3
		44.7 - 56.45: Mostly grey qtzite, with rare gritty and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 3cm wide, look bleached, some are leached with about 10% 1mm vugs (weathered out carbonate). Rare phyllite bands are weakly sheared with minor gouge and broken core (<10cm zones). Core very broken with numerous rounded core rubble zones - not easy drilling…..									
		<<Min: 47.45 - 56.45 3% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	50.00	51.00	1.00	1902533	-0.005	1.6	2030	68	-3
		<<Alt: 47 - 51 moderate to strong Silicification >> quartzite but appears silicified and to obliterate foliation.	51.00	52.25	1.25	1902534	0.005	1.6	1269	94	-3
		<<Vein: 45.3 - 45.36 30% Quartz 35 deg. >> white qtz	52.25	53.65	1.40	1902544	-0.005	1	950	104	-3
		<<Vein: 47.45 - 48 90% Quartz>> white qtz vein, rubble, FeOx on fractures									
		<<Vein: 48 - 55.65 1% Quartz 43 deg. >> True cross cutting hairline veinlets									
		<<Vein: 48 - 55.75 50% Quartz 25 deg. >> vuggy FeOx coated and stained white qtz both parallel and crosscutting - qtz flooding.									
		<<Vein: 56.1 - 61.7 2% Quartz 35 deg. >> True cross cutting hairline veinlets									
		<<Vein: 56.4 - 61.3 5% Quartz 40 deg. >> rusty vuggy									
		<<Struc: 44.8 - 47 weak to moderate Foliated>> foliation almost obliterated in more massive sections of quartzite									
		<<Struc: 47.2 - 49.7 strong to intense Fractured>> broken core, rubble, possible fault zone,									
		<<Struc: 49.7 - 50.1 strong Foliated>>									
		<<Struc: 50.1 - 50.6 moderate to strong shear>> broken core, rubble, phyllite pieces									
		<<Struc: 50.1 - 53.6 moderate Foliated>> parallel to S1									
		<<Struc: 50.6 - 53.18 strong S1, compositional layering>>									
		<<Struc: 50.6 - 53.18 weak to moderate Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx									
		<<Struc: 53.18 - 63.1 weak to moderate Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx									
		<<Struc: 53.6 - 59 moderate to strong Foliated>> parallel to S1									
56.45	**96.10**	**QRZT phy interbedded Quartzite over phyllite grey FG**	63.00	64.60	1.60	1902535	-0.005	1.9	3101	315	-3
		56.45 - 96.1: Mostly grey qtzite, with bleached, leached and locally vuggy gritty and darker grey phyllite bands . Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated.									

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: Haldane **Hole Number:** HLD19-15

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Min: 56.45 - 100 1% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	68.80	70.30	1.50	1902536	0.011	2.3	25	496	-3
		<<Alt: 60.9 - 62 moderate to strong Silicification >> quartzite but appears silicified and to obliterate foliation. Cross cut by qtz veinlets.	76.67	78.18	1.51	1902537	0.007	0.9	48	249	-3
		<<Alt: 64 - 67 moderate Silicification >> quartzite but appears silicified and to obliterate foliation. Cross cut by qtz veinlets.	82.57	84.00	1.43	1902538	-0.005	0.9	36	406	-3
		<<Alt: 72.6 - 73.5 strong Silicification >> quartzite with local obliterated foliation. Foilaform and cross cutting qtz veinlets.	86.00	87.70	1.70	1902539	-0.005	2.9	1059	73	-3
		<<Alt: 73.5 - 78 moderate Silicification >>	91.95	93.25	1.30	1902540	-0.005	2.2	861	145	-3
		<<Alt: 80.9 - 82.45 moderate to strong Silicification >> quartzite with local obliterated foliation. Foilaform and cross cutting qtz veinlets.	93.25	94.25	1.00	1902542	-0.005	2.4	1871	336	3
		<<Alt: 83 - 85.1 moderate Silicification >> brx qtz vein - fault zone	94.25	95.65	1.40	1902543	-0.005	2.4	357	536	-3
		<<Alt: 87.7 - 93.25 moderate Silicification >>									
		<<Alt: 94.25 - 95.15 moderate Silicification >>									
		<<Vein: 64 - 65.6 4% Quartz 42 deg. >> rusty vuggy									
		<<Vein: 69 - 70.6 10% Quartz 32 deg. >> vuggy, locvally deformed by later shears									
		<<Vein: 71.4 - 73.7 2% Quartz 35 deg. >>									
		<<Vein: 72.6 - 73.5 5% Quartz 50 deg. >> crosscutting stringers and qtz on hairline fractures									
		<<Vein: 73.7 - 77.5 10% Quartz 44 deg. >> locally vuggy									
		<<Vein: 74.9 - 77.3 1% Quartz 55 deg. >>									
		<<Vein: 77.5 - 79.8 15% Quartz 30 deg. >> weakly brecciated, locally foliation and veining parallel to core axis.									
		<<Vein: 79.8 - 83 5% Quartz 25 deg. >> locally vuggy, deformed									
		<<Vein: 80.9 - 82.4 1% Quartz 40 deg. >> irregular									
		<<Vein: 83 - 84 35% Quartz 45 deg. >> crackle breccated qtz with margins parallel to sheared foliation.									
		<<Vein: 84.5 - 85 5% Quartz 50 deg. >>									
		<<Vein: 86 - 87.3 25% Quartz>> broken core in zone of poor recovery - fault zone									
		<<Vein: 88 - 88.2 10% Quartz 40 deg. >>									
		<<Vein: 89.5 - 95.2 5% Quartz 52 deg. >> locally vuggy									
		<<Vein: 90.9 - 93.05 5% Quartz 52 deg. >>									
		<<Vein: 94.25 - 99.4 1% Quartz 40 deg. >> fractures with hairline veinlets +/- FeOx, up to 3 mm and vuggy									
		<<Vein: 94.25 - 99.9 5% Quartz 40 deg. >>									
		<<Struc: 59 - 69.1 moderate to strong Foliated>> parallel to S1									
		<<Struc: 63.1 - 64.25 moderate Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx									
		<<Struc: 64.25 - 64.5 moderate fault>> broken phyllite core, minor clay and FeOx									
		<<Struc: 64.5 - 77.6 weak to moderate Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx and vuggy open spaces									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 69 - 71 strong Foliated>> minor folds in interval and weakly brx									
		<<Struc: 69.45 - 69.55 moderate Fold Axis>> axial plane									
		<<Struc: 71 - 72.6 strong Foliated>> parallel to S1									
		<<Struc: 72.6 - 73.5 weak to moderate Foliated>>									
		<<Struc: 73.5 - 77.55 strong Foliated>> parallel to S1									
		<<Struc: 77.55 - 78.15 weak to moderate shear>> shear planes, some cross cutting ,some along foliation									
		<<Struc: 77.55 - 78.15 moderate to strong Veining - fracture fill>> low angle shearing and qtz vein filling									
		<<Struc: 78.15 - 82.57 moderate S1, compositional layering>>									
		<<Struc: 78.15 - 82.57 strong Foliated>>									
		<<Struc: 78.15 - 82.57 weak to moderate Fractured>> between 30-60 deg, cross cutting fractures +/- qtz +/-clay +/- FeOx and vuggy open spaces									
		<<Struc: 82.57 - 84.25 moderate to strong shear>>									
		<<Struc: 82.57 - 87.7 moderate fault>> Fault zone of broken core, missing core, and minor discrete shearing									
		<<Struc: 85.9 - 87.7 moderate to strong shear>> Fault zone of broken core, missing core, and minor discrete shearing at contacts with gouge at 65 deg									
		<<Struc: 87.7 - 90 moderate to strong Foliated>>									
		<<Struc: 87.7 - 90 weak to moderate Fractured>> cross cutting fractures +/- qtz +/-clay +/- FeOx									
		<<Struc: 87.7 - 90 moderate S1, compositional layering>> parallel to S1									
		<<Struc: 90 - 90.5 weak to moderate Brecciated >> core rubble, likely a qtz vein shear - fault zone.									
		<<Struc: 90.5 - 93.1 moderate Foliated>>									
		<<Struc: 90.5 - 93.1 weak to moderate Fractured>> 15-60 deg cross cutting fractures with low angle fractures with 2-3mm qtz, clay & FeOx and vuggy open spaces.									
		<<Struc: 90.5 - 93.1 moderate S1, compositional layering>>									
		<<Struc: 92.7 - 92.8 moderate to strong Fold Axis>> axial plane, S or Z fold.									
		<<Struc: 93.1 - 94.2 moderate to strong fault breccia>> Fault zone of broken core, missing core, and sand (at lower contact).									
		<<Struc: 94.2 - 108.15 strong Foliated>>									
		<<Struc: 94.2 - 108.15 moderate S1, compositional layering>>									
		<<Struc: 94.2 - 124.7 weak to moderate Fractured>> cross cutting fractures with vuggy open spaces +/- qtz +/-clay +/- FeOx									
96.10	**108.15**	**PHYL Phyllite grey FG**	97.70	99.05	1.35	1902545	-0.005	1.8	15	341	-3
		96.1 - 108.15: Mostly grey phyllite with lesser quartzite compositional bands and local decalcified sandy bands, commonly weathered to a rusty brown with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated.									
		<<Min: 98 - 99.05 0.1% pyrite>> Py with limomite and red-brown iron oxides on cross cutting fractures + qtz and clays.	100.00	101.40	1.40	1902546	-0.005	0.9	26	263	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Min: 100 - 104 3% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	101.40	102.80	1.40	1902547	-0.005	1.2	23	289	-3
		<<Min: 104 - 107 1% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	106.70	108.15	1.45	1902548	-0.005	1.1	66	1420	-3
		<<Min: 107 - 120 2% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.									
		<<Alt: 97 - 99 weak White mica (Sericite)>> micaceous partings									
		<<Alt: 107.24 - 113 weak Silicification >>									
		<<Vein: 99.9 - 102.5 12% Quartz 45 deg. >> commonly crackle brx, up to 20cm wide, with 5% FeOx									
		<<Vein: 99.9 - 104.5 1% Quartz 50 deg. >> fractures with hairline veinlets with FeOx, up to 3 mm and vuggy									
		<<Vein: 100 - 120.85 0.5% Iron Oxides 45 deg. >> FeOx, +/-qtz on Cross cutting fractures.									
		<<Vein: 104.5 - 107.3 5% Quartz 37 deg. >> typical boring foliaform qtz , not crackle brx with FeOx.									
		<<Vein: 106 - 110 1% Quartz 42 deg. >> fractures with hairline veinlets with FeOx, up to 3 mm and vuggy									
		<<Vein: 107.3 - 110.7 15% Quartz 40 deg. >> Vuggy with FeOx, planer margins, look better than typical foilaform qtz veins.									
108.15	**123.40**	**QRZT phy interbedded Quartzite over phyllite grey FG**	108.90	110.40	1.50	1902549	-0.005	0.9	90	128	-3
		108.15 - 123.4: Mostly grey qtzite, with local bleached, leached and vuggy gritty bands and darker grey phyllite bands. Gritty (0.1-0.5mm qtz grains) bands up to 20 cm, look bleached, some are leached with up to 10% 1mm vugs (weathered out carbonate?). Phyllite bands are micaceous and very well foliated. Micaeous partings in quartzite.									
		<<Min: 120 - 134.4 1% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	113.70	115.00	1.30	1902550	-0.005	1.9	57	273	-3
		<<Alt: 117 - 122.4 weak Silicification >>	115.00	116.00	1.00	1902551	-0.005	1.3	17	360	-3
		<<Alt: 122.4 - 126.5 strong White mica (Sericite)>> altered phyllite and micaceous partings, very sharp upper contact	116.00	117.50	1.50	1902552	-0.005	1.1	74	306	-3
		<<Alt: 122.4 - 126.5 strong to intense Silicification >>	117.50	119.00	1.50	1902553	-0.005	0.7	111	116	-3
		<<Alt: 122.4 - 126.5 strong Bleaching>> altered from normal medium grey to light grey	119.00	120.00	1.00	1902554	-0.005	1.1	62	145	-3
		<<Vein: 110.7 - 115.2 5% Quartz 37 deg. >> locally vuggy with FeOx	120.00	121.30	1.30	1902555	-0.005	0.8	47	98	-3
		<<Vein: 111.5 - 112.9 1% Quartz 55 deg. >> locally vuggy with FeOx	121.30	122.40	1.10	1902556	-0.005	1.2	20	200	-3
		<<Vein: 115.2 - 116 75% Quartz 30 deg. >> white vuggy qtz with FeOx (20cm section with 15% FeOx), sheared with wallrock clasts,	122.40	123.40	1.00	1902557	-0.005	0.4	15	101	-3
		<<Vein: 115.5 - 121.05 1% Quartz 54 deg. >>									
		<<Vein: 116 - 119 5% Quartz 38 deg. >>									
		<<Vein: 119 - 120.5 20% Quartz 37 deg. >> white qtz, vuggy, minor FeOx, boring									
		<<Vein: 120.5 - 121.1 90% Quartz>> white qtz, vuggy, minor FeOx, boring									
		<<Vein: 122.1 - 126.5 1% Quartz-Pyrite 50 deg. >> Rare cross cutting qtz-py veinlets									
		<<Vein: 122.65 - 126.5 3% Quartz 32 deg. >>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 108.15 - 113.7 weak S1, compositional layering>>									
		<<Struc: 108.15 - 113.7 weak to moderate Foliated>>									
		<<Struc: 113.7 - 114.45 weak to moderate shear>> contains crushed qtz									
		<<Struc: 114.45 - 114.65 weak to moderate Fold Axis>>									
		<<Struc: 114.65 - 116 strong Foliated>>									
		<<Struc: 115.1 - 116 weak to moderate shear>>									
		<<Struc: 116 - 117.3 moderate to strong S1, compositional layering>>									
		<<Struc: 116 - 117.3 strong Foliated>>									
		<<Struc: 117.3 - 119 weak Foliated>>									
		<<Struc: 119 - 123.4 moderate to strong Foliated>>									
		<<Struc: 120.1 - 121.7 moderate to strong S1, compositional layering>> locally folded S1 near orthogonal to Fol and FAX									
		<<Struc: 120.1 - 121.7 weak to moderate Fold Axis>> axial plane of small fold									
123.40	**126.50**	**QRZT phy interbedded Quartzite over phyllite light grey FG**	123.40	124.10	0.70	1902558	-0.005	0.8	18	119	-3
		123.4 - 126.5: Light grey phyllic altered (white mica, py) silicified qtzite. Minor phyliite, restricted to narrow bands and micaeous partings in quartzite. Rare crosscutting fractures and crosscutting qtz-sulfide veinlets. HW alteration to Bighorn vein.									
		<<Min: 124 - 124.7 2% pyrite>> diss on foliation	124.10	125.40	1.30	1902559	-0.005	1.8	14	287	-3
		<<Min: 124 - 126.5 0.01% galena>> trace fine grained grey sulfides noted	125.40	126.50	1.10	1902561	-0.005	2.3	44	235	-3
		<<Min: 124.7 - 126.5 0.1% pyrite>> diss on foliation and on fracture faces									
		<<Struc: 123.4 - 126.5 moderate to strong Foliated>> very planer									
		<<Struc: 125.9 - 126.5 weak to moderate Kink bands>> qtz veining along kink band									
		<<Struc: 126 - 127.35 moderate Fractured>> irregular but crosscutting, commonly with qtz - sulfide - FeOx									
126.50	**127.35**	**VNQZ Quartz vein white FG**	126.50	127.45	0.95	1902562	-0.005	10.4	122	507	-3
		126.5 - 127.35: Bighorn Vein?, Limonite - FeOx stained white crackle brecciated qtz with FeOx and fine micas in fractures. Sparse diss py and rare py, cpy blebs and fine grained grey sulfide in fracrtures with FeOx (<5% overall.)Contains 15% irregular shaped clasts (1-1cm) of micaceous altered phyllite - quartzite wallrock.									
		<<Min: 126.5 - 127.35 2% pyrite>> mostly diss and as blebs on fractures in crackle brx qtz vein with hematite, FeOx, and po.									
		<<Min: 126.5 - 127.35 1% pyrrhotite>> mostly diss and as blebs on fractures in crackle brx qtz vein with hematite, FeOx, and py.									
		<<Min: 126.5 - 127.35 0.01% galena>> trace fine grained grey sulfides noted									
		<<Min: 126.5 - 127.35 0.01% chalcopyrite>> 1 speck noted									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Vein: 126.5 - 127.35 80% Quartz-Pyrite 35 deg. >> irregular vein margins but qtz invades wall rock as embayments and along foliation (ie. Qtz flooding), qtz is crackle brx with FeOx in fractures along with minor Py, tr cpy, fine grained grey sulfides and about 5% FeOx.									
		<<Struc: 126.5 - 126.65 weak upper contact>> no sharp contact but irregular and not well defined due to irregular brx qtz veining									
		<<Struc: 126.55 - 127.35 strong Brecciated >> crackle brx and fractured qtz veining									
		<<Struc: 127.15 - 127.45 weak to moderate lower contact>> irregular qtz vein contact following low angle fracture - kink band.									
127.35	**134.40**	**QRZT phy interbedded Quartzite over phyllite light grey FG**	127.45	129.00	1.55	1902563	-0.005	1.8	33	196	-3
		127.35 - 134.4: Light grey phyllic altered (white mica) silicified qtzite. Minor phyliite, restricted to narrow bands and micaeous partings in quartzite. Rare cross cutting fractures with FeOx. . FW alteration to Bighorn vein.									
		<<Min: 127.35 - 134.4 0.1% pyrite>> diss and on fracture - veinlets	129.00	130.50	1.50	1902564	-0.005	2.1	114	255	-3
		<<Min: 127.35 - 134.4 0.01% galena>> diss on fol noted	130.50	132.00	1.50	1902565	-0.005	1.1	14	628	-3
		<<Min: 130.65 - 131.8 1% Mn-oxides>>	132.00	133.30	1.30	1902566	-0.005	1.1	288	411	-3
		<<Alt: 127.35 - 134.4 strong White mica (Sericite)>>	133.30	134.40	1.10	1902567	-0.005	3.7	1670	689	3
		<<Alt: 127.35 - 134.4 strong Silicification >>									
		<<Alt: 127.35 - 134.4 strong Bleaching>> altered from normal medium grey to light grey									
		<<Vein: 127.35 - 134.1 10% Quartz 30 deg. >> White boring foliaform qtz, minor FeOx.									
		<<Vein: 132 - 148.33 0.5% Iron Oxides 60 deg. >> FeOx, +/-qtz on Cross cutting fractures.									
		<<Vein: 132.1 - 134.1 0.2% Quartz-Sericite/White mica 55 deg. >>									
		<<Struc: 127.45 - 128.6 moderate to strong Foliated>> very planar									
		<<Struc: 128.6 - 133 moderate to strong Foliated>> very planer									
		<<Struc: 133 - 134.2 Foliated>> very planar									
		<<Struc: 134.2 - 134.4 strong fault>> very sharp lower contact with 2 cm gouge									
134.40	**138.20**	**QRZT Quartzite medium grey FG**	134.40	135.50	1.10	1902568	0.023	7.4	11600	400	15
		134.4 - 138.2: weakly foliated, rare phyllite bands and micaceous partingsabundant QV's									
		<<Min: 134.4 - 143 2% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	135.50	137.05	1.55	1902569	-0.005	1.4	322	209	-3
		<<Alt: 134.4 - 139 weak to moderate Silicification >> Lithology is a quartzite but appears silicified with obliterated textures	137.05	138.15	1.10	1902570	-0.005	0.8	169	154	-3
		<<Vein: 134.65 - 135.3 65% Quartz 38 deg. >> minor qtz, vuggy, FeOx on fractures X-cutting qtz veining.	138.15	139.35	1.20	1902571	-0.005	1.7	40	725	-3
		<<Vein: 135.17 - 135.2 100% Quartz 40 deg. >> minor FeOx									
		<<Vein: 135.3 - 138.2 5% Quartz 25 deg. >> minor vugs with FeOx									
		<<Vein: 135.35 - 138.2 0.5% Quartz 50 deg. >> weak FeOx and qtz									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 134.4 - 138.2 weak to moderate Fractured>> cross cutting fol with FeOx, +/- qtz									
		<<Struc: 134.4 - 142.25 moderate Foliated>>									
138.20	**139.00**	**VNQZ Quartz vein white FG**									
		138.2 - 139: Foliaform qtz, no wallrock alteration, no sulfides, contains approx 10% wallrock clasts.									
		<<Vein: 138.2 - 139 100% Quartz 35 deg. >> 80% white qtz, 20% wall rock clasts.									
		<<Struc: 138.2 - 139 weak breccia>> qtz vein									
		<<Struc: 138.2 - 148.3 moderate Fractured>> cross cutting fol with FeOx, +/- qtz									
139.00	**150.30**	**QRZT phy interbedded Quartzite over phyllite medium grey FG**	139.35	140.80	1.45	1902572	-0.005	2.1	113	457	-3
		139 - 150.3: Mostly grey qtzite, with gritty brown decalcified bands (0.1-0.5mm qtz grains) bands up to 10cm, look bleached, have some are leached with about 10% 1mm vugs (weathered out carbonate?). Minor, commonly darker grey, phyllite bands and form micaceous partings in Qtzite. 149.30-150.30m: brecciated and FeOx fractures increase.									
		<<Min: 143 - 149 3% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	140.80	142.30	1.50	1902573	-0.005	1.5	210	203	-3
		<<Min: 149 - 154.2 0.1% pyrite>> remnant py in fracture filling veinlets, +/- qtz	142.30	143.70	1.40	1902574	-0.005	1.1	87	286	-3
		<<Min: 149 - 154.2 5% limonite>> Limomite and red-brown iron oxides, on foliation but best developed on cross cutting fractures +/- qtz +/- clays.	143.70	145.20	1.50	1902575	-0.005	0.7	27	352	-3
		<<Alt: 142.3 - 150.5 weak Bleaching>> in areas of denser qtz veining	145.20	146.70	1.50	1902576	-0.005	0.9	85	315	-3
		<<Vein: 143 - 146.7 10% Quartz 45 deg. >> Coarse cm vugs, minor FeOx, irregular margins - qtz flooding	146.70	148.20	1.50	1902577	-0.005	1.4	269	390	-3
		<<Vein: 146.7 - 151.7 5% Quartz 48 deg. >> locally vuggy with heavy FeOx coating.	148.20	149.40	1.20	1902578	-0.005	1.3	184	309	-3
		<<Struc: 142.25 - 150.9 moderate S1, compositional layering>>	149.40	150.30	0.90	1902579	-0.005	1.2	280	335	-3
		<<Struc: 142.25 - 150.9 strong Foliated>>									
150.30	**151.70**	**QRZT phy interbedded Quartzite over phyllite medium grey FG**	150.30	151.70	1.40	1902581	-0.005	1.9	635	501	-3
		150.3 - 151.7: Fractured and weakly qtz veined with heavy FeOx coating.									
		<<Struc: 150.3 - 152 moderate fault>> broken core, rubble, very minor gouge									
151.70	**154.20**	**FLTZ Fault Zone medium grey FG**	151.70	153.00	1.30	1902582	-0.005	4.2	3102	1248	6
		151.7 - 154.2: 60% qtz veining and 40% gouge, brecciated quartzite - phyllite.									
		<<Alt: 152.3 - 159.63 weak White mica (Sericite)>> minor mica on grey phyllite bands	153.00	154.15	1.15	1902583	-0.005	7.8	3812	910	7
		<<Alt: 153.2 - 159.63 weak to moderate Silicification >> difficult to determine given the presence of quartzite and qtz veining but some phyllite bands are partly siliceous.	154.15	154.70	0.55	1902584	-0.005	12.7	6280	720	13
		<<Vein: 151.7 - 152.4 50% Quartz>> fractured and broken core, minor cross cutting qtz vein textures, most appears foliaform. FeOx coatings on fractures in qtz and quartzites									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Vein: 152.4 - 153 10% Quartz>> crushed white vein qtz and quartzite with minor gouge in fault zone.									
		<<Vein: 153 - 154.2 100% Quartz>> White qtz, vuggy with FeOx in vugs and on fractures									
		<<Struc: 152 - 153 strong fault gouge>> 50% brx and flt gouge, rest is broken core, rubble									
		<<Struc: 153 - 154.2 strong Fractured>> fractured qtz vein									
154.20	**159.63**	**QRZT phy interbedded Quartzite over phyllite grey FG**	154.70	155.50	0.80	1902585	0.008	338	114100	700	165
		154.2 - 159.63: Weakly fractured and qtz veined with heavy FeOx.									
		<<Min: 154.2 - 154.32 5% galena>> coarse cm size blebs in 1cm vuggy x-cutting qtz veinlets.	155.50	156.50	1.00	1902586	-0.005	17.9	8399	1216	13
		<<Min: 154.2 - 163 3% limonite>>	156.50	157.25	0.75	1902587	-0.005	9.4	2475	1332	-3
		<<Min: 154.32 - 155.16 0.1% galena>> trace on fractures	157.25	158.30	1.05	1902588	0.006	13.3	8146	3231	10
		<<Min: 155.16 - 155.36 5% galena>> coarse cm size blebs crystalline GL in vuggy brx qtz vein with 5% FeOx	158.30	159.63	1.33	1902589	-0.005	1.3	663	2682	-3
		<<Min: 155.36 - 156.45 0.5% galena>> +/- qtz, +/- FeOx									
		<<Min: 157 - 163 0.1% galena>> +/- qtz, +/- FeOx									
		<<Alt: 156.4 - 157.1 moderate graphite, carbonaceous>> Black phyllitic bands up to 10 cm thick									
		<<Vein: 154.2 - 155.15 10% Quartz 43 deg. >> white barren foliaform qtz									
		<<Vein: 154.2 - 155.16 10% Quartz-Sulphide 53 deg. >> cross cutting qtz stringers with two 1cm vuggy stringers (154.20-154.34cm) containing corse blebs galena.									
		<<Vein: 155.16 - 155.36 100% Quartz-Sulphide 60 deg. >> brecciated white vuggy qtz vein with coarse blebs galena, 10% boxwork FeOx.									
		<<Vein: 155.36 - 158.3 10% Quartz 35 deg. >> Vuggy (avg 30%) with FeOx filling									
		<<Vein: 155.37 - 158.3 3% Quartz-Sulphide 45 deg. >> Vuggy cross cutting qtz veining with diss - blebby sulfides, FeOx filling, locally crystalline qtz crystals.									
		<<Vein: 158.3 - 161.6 2% Quartz 50 deg. >> Vuggy cross cutting qtz veining with very rare diss - blebby sulfides, FeOx filling, locally crystalline qtz crystals.									
		<<Vein: 158.3 - 171.2 1% Quartz 45 deg. >> 166.1-166.33m: foliaform qtz - qtz flooding.									
		<<Struc: 154.2 - 154.32 strong veinlet>> galena - qtz veinlet									
		<<Struc: 154.3 - 156 moderate Foliated>>									
		<<Struc: 155.16 - 155.36 strong veinlet>> galena - qtz veinlet									
		<<Struc: 156 - 164 moderate to strong S1, compositional layering>>									
		<<Struc: 156 - 164 moderate to strong Foliated>>									
		<<Struc: 157.1 - 157.8 weak to moderate fault>> along phyllite band									
159.63	**176.70**	**QRZT Quartzite light grey FG**	159.63	161.00	1.37	1902590	-0.005	1.5	707	605	-3
		159.63 - 176.7: 171.2-172.18m: qtz-phyllite zone, weakly brecciated and strained - sheared.									
		<<Min: 163 - 171.2 0.5% limonite>> in fractures - qtz veinlets	161.00	162.00	1.00	1902591	-0.005	28.5	19800	1900	23

From (m)	To (m)	Rocktype & Description
		<<Min: 164.4 - 171.2 0.1% pyrite>>
		<<Min: 164.4 - 171.2 0.1% pyrrhotite>> occasional blebs in qtz veinlet-fracture
		<<Min: 165.4 - 171.2 0.1% Mn-oxides>> patchy
		<<Min: 169.3 - 169.35 3% sphalerite>>
		<<Min: 169.3 - 169.35 3% galena>>
		<<Min: 171.2 - 171.2 0.1% sphalerite>>
		<<Min: 171.2 - 172.2 0.5% pyrite>> in fractured - sheared qtz vein
		<<Min: 171.2 - 172.2 3% limonite>> in fractured - sheared qtz vein
		<<Min: 172.2 - 173.85 1% limonite>> in fractures - qtz veinlets. Bottom of oxidation at 173.85m.
		<<Min: 174.14 - 176.7 0.1% pyrite>>
		<<Min: 174.2 - 176.7 0.1% sphalerite>> rare dis and blebs
		<<Min: 174.2 - 176.7 0.1% galena>> in fractures - qtz veinlets
		<<Min: 176.5 - 181 0.2% Mn-oxides>> patchy
		<<Alt: 159.63 - 184 weak Silicification >> difficult to determine given the presence of quartzite and qtz veining but some phyllite bands are partly siliceous.
		<<Alt: 159.63 - 227 weak Bleaching>>
		<<Vein: 161.6 - 161.9 20% Quartz 60 deg. >> zone of qtz veining and brx qtz vein - qtzite, lower contact with phyllite cuts off veining.
		<<Vein: 161.9 - 164.55 1.5% Quartz-Iron oxide 45 deg. >> minor cross cutting veinlets, rare remnant galena blebs.
		<<Vein: 164.55 - 171.2 1% Quartz-Sulphide 30 deg. >> rare bleb galena-sp-py on 0.5mm veinlet at 169.3
		<<Vein: 171.2 - 172.2 100% Quartz 50 deg. >> looks foliaform at upper contact, sheared and folded phyllite with brx and fractured white qtz. Tr sulfides
		<<Vein: 172.2 - 173.05 5% Quartz 45 deg. >> white cm scale cross cuting qtz veins and 1-2 mm qtz - FeOx veinlets
		<<Vein: 173.05 - 176.7 1% Quartz-Iron oxide 20 deg. >> rare blebs galena, sp and py + usual FeOx and vugs.
		<<Vein: 174.65 - 176.7 5% Quartz 40 deg. >>
		<<Struc: 164 - 171.2 moderate Foliated>>
		<<Struc: 171.2 - 172.2 weak to moderate shear>> upper contact along phyllite band
		<<Struc: 172.2 - 176 moderate Foliated>>
		<<Struc: 172.2 - 176.6 weak to moderate Foliated>>
		<<Struc: 176 - 193.5 moderate S1, compositional layering>>
		<<Struc: 176.6 - 193.5 moderate to strong Foliated>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
162.00	163.00	1.00	1902592	-0.005	2.5	844	2135	3
163.00	164.55	1.55	1902593	-0.005	4	1380	6351	-3
169.20	170.20	1.00	1902594	-0.005	1	182	1296	-3
170.20	171.20	1.00	1902595	-0.005	-0.3	52	590	-3
171.20	172.20	1.00	1902596	-0.005	1.4	150	2128	-3
172.20	173.70	1.50	1902597	-0.005	1.2	540	1017	-3
173.70	175.20	1.50	1902598	-0.005	1.5	545	2177	-3
175.20	176.70	1.50	1902599	-0.005	0.8	167	681	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
176.70	**184.10**	**QRZT phy interbedded Quartzite over phyllite banded grey and black FG**	176.70	178.20	1.50	1902601	-0.005	1	47	521	-3
176.7 - 184.1: about 80% banded light quartzite and 20% dark grey phyllite and occasional grey (about 5% - <10% overall) limy gritty bands. Foliaform qtz veins best developed in or adjacent to phyllite with phyllite clasts in veining.											
<<Min: 176.7 - 184.1 1% pyrite>> in fractures +/- qtz veinlets			178.20	179.70	1.50	1902602	-0.005	0.6	31	54	-3
<<Min: 176.7 - 184.1 0.01% galena>> in fractures - qtz veinlets			179.70	181.20	1.50	1902603	-0.005	-0.3	8	15	-3
<<Min: 178 - 178.6 10% sphalerite>>			181.20	182.65	1.45	1902604	-0.005	-0.3	7	42	-3
<<Min: 178.5 - 184.1 0.5% pyrrhotite>> in fractures +/- qtz veinlets			182.65	184.10	1.45	1902605	-0.005	0.5	25	68	-3
<<Vein: 176.7 - 182.65 25% Quartz-Carbonate 35 deg. >> up to 40cm wide, ragged looking due to internal shear phyllite											
<<Vein: 176.7 - 184 1% Quartz-Pyrite 40 deg. >> Unoxidized version of QI, and QZ +FeOx+vuggy veinlets above											
<<Vein: 182.65 - 184.4 1% Quartz-Pyrite 45 deg. >>											
<<Vein: 182.65 - 184.4 2% Quartz-Carbonate 42 deg. >>											
<<Struc: 182.8 - 196.95 weak to moderate Fractured>> fractures with local fracture filling; qtz, py, FeOx											
184.10	**189.00**	**QRZT ca calcareous QRTZ medium grey FG**									
184.1 - 189: minor (<5% overall dark grey phyllite bands and partings)											
<<Min: 184.1 - 186.85 0.01% arsenopyrite>> possible speck											
<<Min: 184.1 - 189 0.5% pyrite>> on fractures, diss in Qtz veins and along foliation											
<<Vein: 184.4 - 186.75 0.5% Quartz-Pyrite 55 deg. >> rare aspy? Minor po with py. One 0.5cm qtz veinlet with trace diss sulfides.											
<<Vein: 184.4 - 186.85 10% Quartz-Chalcopyrite 55 deg. >>											
<<Vein: 186.75 - 190.6 0.2% Quartz-Pyrite 45 deg. >>											
<<Vein: 186.75 - 190.6 3% Quartz-Carbonate>>											
<<Struc: 188.15 - 288.25 weak Kink bands>>											
189.00	**196.95**	**QRZT phy interbedded Quartzite over phyllite medium grey FG**	195.85	196.95	1.10	1902606	-0.005	0.4	20	242	-3
189 - 196.95: Fractures, vugs, decalcification and oxidization - limonite increasing downhole from 190.1m. Approx 10% limy - decalcified bands.											
<<Min: 189 - 196.95 1% pyrite>> concentrated in narrow dark grey - black micaceous phyllite bands											
<<Vein: 190.6 - 194.4 5% Quartz-Carbonate 50 deg. >> Veins locally deformed, vuggy due to decalcification											
<<Vein: 190.6 - 196.95 0.2% Iron Oxides 50 deg. >> FeOx on fractures											
<<Vein: 194.4 - 196.95 1% Quartz 50 deg. >>											
<<Struc: 193.5 - 196.95 strong S1, compositional layering>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 193.5 - 196.95 strong Foliated>>									
		<<Struc: 195.8 - 195.9 weak to moderate Axial plane cleavage>> axial plane of small fold with axial plane and limbs parallel to S1 and Fol.									
196.95	**197.40**	**VNQZ Quartz vein grey FG**	196.95	197.40	0.45	1902607	0.006	92	36100	56900	56
		196.95 - 197.4: core rubble zone, estimated 50% recovery. Brecciated qtzite with matrix of white qtz and coarse galena blebs.									
		<<Min: 196.95 - 197.4 5% sphalerite>> 196.95-197.4m; poor recovery zone of broken core and core rubble, qtzite - white qtz vein breccia with diss and coarse blebs sp (up to +cm size) in qtz..									
		<<Min: 196.95 - 197.4 3% pyrite>> 196.95-197.4m; poor recovery zone of broken core and core rubble, qtzite - white qtz vein breccia with diss py in qtz and with gl, sp.									
		<<Min: 196.95 - 197.4 10% galena>> 196.95-197.4m; poor recovery zone of broken core and core rubble, qtzite - white qtz vein breccia with diss and coarse blebs gl (up to +cm size) in qtz..									
		<<Vein: 196.95 - 197.4 70% Quartz-Sulphide>> Core rubble in zone of poor recovery (about 50%) of brecciated quartzite with white qtz and coarse gl, sp and 1mm diss py.									
		<<Struc: 196.95 - 198 strong to intense fault>> Mostly Qtz - Sulfide - quartzite breccia; zone of poor core recovery									
		<<Struc: 196.95 - 198 strong to intense Brecciated >> Mostly Qtz - Sulfide - quartzite breccia; zone of poor core recovery									
197.40	**198.00**	**QRZT Quartzite grey FG**	197.40	198.00	0.60	1902608	-0.005	15.3	9397	5049	14
		197.4 - 198: core rubble zone, possibly some cave. About 25% pieces brx qtzite with white vein qtz and sparse diss gl, sp and py at top of interval. About 75% featureless grey qtzite.									
		<<Min: 197.4 - 198 3% sphalerite>> 197.4-198.0m; poor recovery zone of broken core and core rubble, first 15cm out of 40 cm recovered is qtzite - white qtz vein breccia with diss and blebs sp (up to 1 cm size) in qtz.									
		<<Min: 197.4 - 198 1% pyrite>> finely diss in qtz vein breccia									
		<<Min: 197.4 - 198 3% galena>> 197.4-198.0m; poor recovery zone of broken core and core rubble, first 15cm out of 40 cm recovered is qtzite - white qtz vein breccia with diss and blebs gl (up to 1 cm size) in qtz.									
		<<Vein: 197.4 - 198 20% Quartz-Sulphide>> core rubble zone, possibly some cave. About 25% pieces brx qtzite with white vein qtz and sparse diss gl, sp and py at top of interval. About 75% featureless grey qtzite.									
198.00	**200.60**	**QRZT phy interbedded Quartzite over phyllite grey FG**	198.00	199.10	1.10	1902609	-0.005	0.4	172	483	-3
		198 - 200.6: minor (<5% overall dark grey phyllite bands and partings)									
		<<Min: 198 - 200.6 1% pyrite>> Fracture filling	199.10	200.60	1.50	1902610	-0.005	0.7	133	946	-3
		<<Vein: 198 - 200.6 0.5% Quartz 30 deg. >>									
		<<Vein: 198 - 200.6 1% Quartz-Pyrite 30 deg. >>									
		<<Vein: 198 - 200.6 3% Quartz-Carbonate 45 deg. >> Vuggy, decalcified.									
		<<Struc: 198 - 200.6 strong S1, compositional layering>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 198 - 200.6 strong Foliated>>									
		<<Struc: 200.35 - 200.6 weak to moderate shear>> weak shear zone in phyllite on contact between phyllite - quartzite.									
200.60	**220.15**	**QRZT Quartzite green FG**	211.40	212.55	1.15	1902611	-0.005	-0.3	69	2902	-3
		<<Min: 200.6 - 211.5 0.1% sphalerite>> +/- qtz									
		<<Min: 200.6 - 211.5 0.1% pyrite>> +/- qtz									
		<<Min: 200.6 - 211.5 0.1% galena>> +/- qtz									
		<<Min: 211.5 - 216.75 0.5% sphalerite>> filling cross cutting fractures									
		<<Min: 211.5 - 216.75 0.1% pyrite>> +/- qtz									
		<<Min: 211.5 - 216.75 0.2% galena>> filling cross cutting fractures									
		<<Min: 216.75 - 220.9 0.01% sphalerite>> +/- qtz									
		<<Min: 216.75 - 220.9 0.5% pyrite>> +/- qtz									
		<<Min: 216.75 - 220.9 0.01% galena>> +/- qtz									
		<<Alt: 200.6 - 227 weak Silicification >> very weak on margins of cross cutting fractures and qtz veinlets									
		<<Vein: 200.6 - 211 2% Quartz-Sulphide 30 deg. >>									
		<<Vein: 211 - 216.75 1% Quartz-Sulphide 30 deg. >> 212.4; 1cm qtz vein with coarse crystalline sp - pretty!									
		<<Vein: 216.75 - 220.15 0.5% Quartz 30 deg. >>									
		<<Vein: 216.75 - 220.15 0.1% Quartz-Sulphide 25 deg. >>									
		<<Struc: 200.6 - 213 weak to moderate Foliated>>									
		<<Struc: 201 - 211.5 weak to moderate Veining - fracture fill>>									
		<<Struc: 213 - 220.15 weak to moderate Foliated>>									
220.15	**225.10**	**QRZT ca calcareous QRTZ grey MG**	222.90	223.90	1.00	1902612	-0.005	4.5	1951	2122	-3
		220.15 - 225.1: gritty locally calcareous bands									
		<<Min: 220.9 - 223.9 0.2% sphalerite>> +/- qtz	223.90	225.40	1.50	1902615	0.006	0.4	45	1446	-3
		<<Min: 220.9 - 223.9 0.1% pyrite>> +/- qtz									
		<<Min: 220.9 - 223.9 0.1% galena>> +/- qtz									
		<<Min: 223.9 - 234.4 0.2% pyrite>> +/- qtz									
		<<Vein: 220.15 - 222.2 5% Quartz 27 deg. >>									
		<<Vein: 220.15 - 222.9 0.5% Quartz-Sulphide 45 deg. >>									
		<<Vein: 222.9 - 223.9 1% Quartz-Sulphide 17 deg. >> 10-60 deg discontinuous veinlets - fractures +/-Qtz +/- sulfides.									
		<<Vein: 223.9 - 227.2 0.5% Quartz-Sulphide 45 deg. >> mostly diss py. Rare gl, sp									
		<<Vein: 224 - 226.9 1% Quartz 42 deg. >> sparse diss gl, sp, py									
		<<Vein: 224 - 227 3% Quartz 35 deg. >> sparse diss gl, sp, py									
		<<Struc: 220.15 - 225.1 weak to moderate S1, compositional layering>> phyllite and calcarerous bands									

From (m)	To (m)	Rocktype & Description			From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Struc: 220.15 - 225.1 weak Fractured>> 10-60 deg, +/- qtz +/- sulfides, cross cutting fol and S1													
<<Struc: 220.15 - 225.1 moderate Foliated>>													
225.10	**227.25**	**QRZT Quartzite**	**grey**	**FG**	225.40	226.90	1.50	1902616	-0.005	1.2	135	623	-3
<<Struc: 225.1 - 227.25 weak to moderate Foliated>>													
<<Struc: 225.1 - 243 weak Fractured>> +/- qtz													
227.25	**227.80**	**PHYL Phyllite**	**dark grey**	**VFG**									
<<Vein: 227.25 - 227.42 100% Quartz 30 deg. >> along weak foliation parallel shear on phyllite contact													
<<Vein: 227.7 - 227.8 60% Quartz 30 deg. >> along weak foliation parallel shear on phyllite contact													
<<Struc: 227.25 - 227.8 moderate to strong S1, compositional layering>>													
<<Struc: 227.25 - 227.8 strong Foliated>> phyllite unit													
227.80	**234.40**	**QRZT ca calcareous QRTZ**	**grey**	**FG**									
227.8 - 234.4: Minor calcareous bands, locally bleached.													
<<Alt: 230.7 - 236.3 weak Bleaching>> very weak, envelopes to fractures and qtz veins, calcareaous bands													
<<Vein: 227.8 - 234.4 1% Quartz 45 deg. >> 2 veinlets													
<<Vein: 227.8 - 234.41 0.5% Quartz 60 deg. >>													
<<Vein: 234.1 - 245.5 0.5% Quartz-Pyrite 60 deg. >>													
<<Vein: 234.1 - 249 10% Quartz 38 deg. >> close spaced irregular													
<<Struc: 227.8 - 234.4 weak S1, compositional layering>>													
<<Struc: 227.8 - 234.4 moderate Foliated>>													
234.40	**253.35**	**QRZT phy interbedded Quartzite over phyllite**	**grey**	**FG**	235.85	237.45	1.60	1902617	-0.005	0.6	17	881	-3
234.4 - 253.35: 249.80-253.35; weak vein - fault zone, minor qtzite - qtz brx, 248.90-249.00m; local graphitic phyllitic, vuggy weakly sheared qtz, 251.14-251.24m; 1 cm sp-py band in weak vein brx zone. 252.50-253.35m; quartzite-qtz breccia, broken core and minor fault gouge.													
<<Min: 234.4 - 238.68 1% pyrite>> in dark grey weakly graphitic phyllite					246.15	247.65	1.50	1902618	-0.005	0.8	10	851	-3
<<Min: 234.4 - 238.7 0.1% sphalerite>> + qtz and pyrite					247.65	248.90	1.25	1902619	-0.005	0.7	79	345	-3
<<Min: 234.4 - 238.7 0.5% pyrite>> +/- qtz, +/- sp					248.90	250.00	1.10	1902621	-0.005	1.1	93	517	-3
<<Min: 234.4 - 249 0.1% graphite>> on phyllite foliuation planes					250.00	251.00	1.00	1902622	-0.005	0.7	108	478	-3
<<Min: 238.7 - 243.35 0.1% pyrite>>					251.00	251.60	0.60	1902623	0.007	3	700	20600	-3
<<Min: 243.35 - 249 1% pyrite>> <0.5mm qtz-py veinlets, cross cutting and parallel to foliation.					251.60	252.60	1.00	1902624	-0.005	2.3	739	4831	-3
<<Min: 249 - 251.16 0.2% pyrite>> and as fine diss					252.60	253.60	1.00	1902625	0.011	4.1	786	9070	4
<<Min: 251.16 - 251.28 10% sphalerite>> with Qtz, py													
<<Min: 251.16 - 251.28 5% pyrite>> with Qtz, sp													

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Min: 251.28 - 253.65 0.2% sphalerite>> in qtz											
<<Min: 251.28 - 253.65 0.1% pyrite>>											
<<Alt: 250.5 - 253.1 weak to moderate Bleaching>>											
<<Alt: 251.8 - 253.1 weak to moderate White mica (Sericite)>> in gougy zones											
<<Vein: 245.5 - 250.5 1% Quartz-Pyrite 55 deg. >> locally vuggy, up to 0.5cm											
<<Vein: 249 - 254.15 5% Quartz 45 deg. >> vuggy, local sheared margins on qtz - phyllite contact.											
<<Vein: 249 - 254.16 5% Quartz 15 deg. >> vugs, +/- sulfides.											
<<Vein: 251.16 - 251.28 10% Quartz-Sulphide 55 deg. >> irregular, more like a weak brx filling											
<<Struc: 234.4 - 238.8 weak to moderate S1, compositional layering>>											
<<Struc: 234.4 - 238.8 moderate to strong Foliated>>											
<<Struc: 238.8 - 248.9 weak S1, compositional layering>>											
<<Struc: 238.8 - 248.9 weak to moderate Foliated>>											
<<Struc: 243 - 249 weak to moderate Fractured>> +/- qtz +/- py											
<<Struc: 249.9 - 250.58 weak fault>> 10cm gouge at 249.90-250.00m, rest broken core, minor slicks on phyllite planes											
<<Struc: 250.58 - 252.58 weak shear>> plus broken core, weak bleaching and sericite alt and crosscutting qtz veinlets. Very vuggy foliaform qtz veinig.											
<<Struc: 252.58 - 253.65 strong fault breccia>> crushed core, qtzite - qtz vein brx.											
253.35 257.85 QRZT ca calcareous QRTZ grey FG											
253.35 - 257.85: calcite leached											
<<Min: 253.65 - 263.3 0.1% pyrite>> blebby 1- 5mm, mostly l n phyllite bands											
<<Vein: 254.16 - 256.3 20% Quartz 45 deg. >>											
<<Vein: 254.16 - 258.3 2% Quartz 30 deg. >>											
<<Vein: 254.16 - 258.31 1% Quartz 45 deg. >>											
<<Vein: 256.3 - 260.1 5% Quartz 45 deg. >>											
<<Struc: 253.65 - 254.5 weak Fractured>>											
<<Struc: 253.65 - 257.5 weak Foliated>>											
<<Struc: 253.65 - 260 weak S1, compositional layering>>											
<<Struc: 255.6 - 257.5 weak Fractured>>											
<<Struc: 257.5 - 260.3 weak Fractured>> cross cutting fractures											
<<Struc: 257.5 - 260.3 moderate Foliated>>											
257.85 279.60 QRZT phy interbedded Quartzite over phyllite grey FG			260.00	261.00	1.00	1902626	-0.005	0.5	11	299	-3
257.85 - 279.6: numerous limy bands											

From (m)	To (m)	Rocktype & Description
		<<Min: 263.3 - 264 1% pyrite>> 1-3mm py stringers
		<<Min: 264 - 265.9 0.2% pyrite>>
		<<Min: 265.9 - 266.5 4% pyrite>> in well foliated black phyllite
		<<Min: 266.5 - 270 0.5% pyrite>> and blebs, fracture filling
		<<Min: 270 - 270.8 0.01% arsenopyrite>> possible trace fd aspy.
		<<Min: 270 - 270.9 3% pyrite>> in dark grey foliated phyllite
		<<Min: 270.9 - 275 1% pyrite>> dis and fracture filling
		<<Min: 271.13 - 271.18 20% sphalerite>> 5cm Py-gl-sp vein
		<<Min: 271.13 - 271.18 30% pyrite>> 5cm Py-gl-sp vein
		<<Min: 271.13 - 271.18 25% galena>> 5cm Py-gl-sp vein
		<<Min: 271.6 - 272 0.1% sphalerite>>
		<<Min: 275 - 276 0.1% pyrite>>
		<<Min: 276 - 279.6 2% pyrite>> in dark grey foliated phyllite, rare blebs and in rare fractures
		<<Alt: 260.2 - 263 weak Silicification >> around cross cutting qtz veinlets
		<<Alt: 260.2 - 263 weak Bleaching>> in fault zone and around qtz veinlets
		<<Alt: 271 - 274.5 weak Silicification >> in fault zone and around qtz veinlets
		<<Alt: 271 - 274.5 weak Bleaching>> in fault zone and around qtz veinlets
		<<Vein: 260.1 - 263.8 20% Quartz 45 deg. >> vuggy to 263.8, qtz -carb veining below
		<<Vein: 260.3 - 263 3% Quartz 58 deg. >>
		<<Vein: 263 - 281.4 0.2% Quartz 40 deg. >> rare cross cutting qtz veinlets.
		<<Vein: 263.5 - 266.3 0.5% Quartz-Sulphide 60 deg. >> pyrite +/- qtz stringer veinlets
		<<Vein: 263.8 - 265.85 20% Quartz-Carbonate 48 deg. >>
		<<Vein: 265.85 - 270.8 5% Quartz-Carbonate 50 deg. >>
		<<Vein: 270.8 - 273 20% Quartz 60 deg. >> vuggy
		<<Vein: 271.13 - 271.18 100% Quartz-Sulphide 70 deg. >> rounded piece of core (about 50% missing). Some ground core but little core loss in interval so width is likley between 5-10 cm.
		<<Vein: 273 - 274 10% Quartz 55 deg. >>
		<<Vein: 274 - 283.7 7% Quartz-Carbonate 48 deg. >>
		<<Struc: 260.3 - 261 moderate to strong fault breccia>>
		<<Struc: 260.3 - 262.5 moderate Foliated>>
		<<Struc: 261 - 262.75 moderate Fractured>> vuggy qtz , possible weak fault zone
		<<Struc: 262.5 - 264 strong Foliated>>
		<<Struc: 264 - 265 moderate to strong Foliated>> broken core
		<<Struc: 265 - 265.2 weak shear>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
263.30	264.30	1.00	1902627	-0.005	0.5	7	230	-3
264.30	265.30	1.00	1902628	-0.005	0.4	6	186	-3
265.30	266.30	1.00	1902629	-0.005	0.4	7	53	-3
270.00	271.00	1.00	1902630	-0.005	0.6	14	244	-3
271.00	271.40	0.40	1902631	0.005	42.7	21600	10700	23
271.40	273.00	1.60	1902632	-0.005	0.6	44	282	-3
273.00	274.00	1.00	1902633	-0.005	0.4	33	134	-3
276.40	277.90	1.50	1902634	-0.005	0.5	13	67	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 265.3 - 267 moderate Foliated>>									
		<<Struc: 267 - 267.9 S1, compositional layering>>									
		<<Struc: 267 - 267.9 weak Foliated>> Minor fold									
		<<Struc: 267.9 - 272.5 moderate S1, compositional layering>>									
		<<Struc: 267.9 - 272.5 moderate to strong Foliated>>									
		<<Struc: 268.2 - 268.3 weak to moderate Axial plane cleavage>> minor fold, axial plane same as Fol									
		<<Struc: 272.5 - 273 weak to moderate Fractured>> weak fault or shear zone; broken core, vuggy (carbonate leached out) qtz									
		<<Struc: 273 - 281.4 moderate to strong Foliated>>									
		<<Struc: 273 - 281.4 moderate S1, compositional layering>>									
		<<Struc: 277 - 278 moderate Deformed undifferentiated>> weakly contorted - folded phyllite									
		<<Struc: 278 - 281.4 weak to moderate S1, compositional layering>>									
		<<Struc: 278 - 281.4 moderate Foliated>>									
279.60	**281.40**	**QRZT ca calcareous QRTZ light grey FG**	279.90	281.40	1.50	1902635	-0.005	0.4	15	71	-3
		279.6 - 281.4: transition zone between units?									
		<<Min: 279.6 - 281.4 0.1% pyrite>>									
		<<Min: 279.6 - 281.4 2% pyrrhotite>> and blebby									
		<<Struc: 281.35 - 281.45 weak to moderate contact>> gradational contact parallel to foliation									
281.40	**316.75**	**SCHS Q MQuartz Muscovite Schist light green FG**	281.40	282.40	1.00	1902636	-0.005	-0.3	13	66	-3
		281.4 - 316.75: Upper 75 cm is quartzite - part of transtion zone. Minor chlorite blebs in bands from 286.5m, sericite - muscovite most in tense around qtz veining. Overall unit is about 90-95% quartzite with sericite - muscovite folia. Local folia of dark grey phyllite (shows that unit is not just varient of altered grey QRZT-phy). 307.00-316.75m; only remnant chlorite in foliaform qtz, muscovite - sericite alteration increases as do crosscutting qtz veinlets with sulfides (alteration related to veininmg -sulfides at lower contact - reology zone?).									
		<<Min: 281.4 - 288.6 0.1% pyrite>>	288.54	289.60	1.06	1902637	-0.005	0.4	5	88	-3
		<<Min: 281.4 - 288.6 0.1% pyrrhotite>>	300.00	301.00	1.00	1902638	-0.005	0.4	9	76	-3
		<<Min: 288.6 - 308.2 0.01% sphalerite>> fd - diss in qtz (+/- carb) veins	306.00	307.10	1.10	1902639	-0.005	0.9	166	85	-3
		<<Min: 288.6 - 308.2 0.25% pyrite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins	307.10	308.40	1.30	1902641	0.007	2.2	240	1328	-3
		<<Min: 288.6 - 308.2 0.25% pyrrhotite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins	308.40	309.90	1.50	1902642	0.005	0.5	7	101	-3
		<<Min: 308.2 - 312.17 0.1% sphalerite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins	309.90	311.00	1.10	1902643	0.006	0.6	11	147	-3
		<<Min: 308.2 - 316.75 2% pyrite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins	311.00	312.10	1.10	1902644	0.006	0.7	9	100	-3
		<<Min: 308.2 - 316.75 2% pyrrhotite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins	312.10	312.45	0.35	1902645	0.005	7.8	2373	4246	-3
		<<Min: 312.17 - 312.46 2% sphalerite>> in qtz-carb x-cutting veinlet	312.45	312.85	0.40	1902646	-0.005	2	95	1186	-3
		<<Min: 312.17 - 312.46 2% galena>> in qtz-carb x-cutting veinlet	312.85	314.35	1.50	1902647	-0.005	0.5	17	117	-3

From (m)	To (m)	Rocktype & Description
		<<Min: 312.46 - 316.75 0.1% sphalerite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins
		<<Alt: 281.4 - 288.1 moderate White mica (Sericite)>> on folia
		<<Alt: 281.4 - 288.1 weak to moderate Bleaching>> commonly more intense around qtz veining
		<<Alt: 286.8 - 307 weak to moderate Chlorite >> cl increases as sericite-muscovite decreases, more chloritic in middle of section - away from contacts and crosscutting QS veining.
		<<Alt: 288.1 - 307 weak to moderate White mica (Sericite)>>
		<<Alt: 288.1 - 307 weak to moderate Bleaching>> cl increases as sericite-muscovite decreases, more chloritic in middle of section - away from contacts and crosscutting QS veining.
		<<Alt: 307 - 312.75 weak Chlorite >> remnant chl in foliaform qtz veins.
		<<Alt: 307 - 316.75 moderate to strong White mica (Sericite)>> alteration increases in close proximity to cross cutting qtz-sulfide veinlets and lower contact.
		<<Alt: 307 - 316.75 moderate to strong Bleaching>> alteration increases in close proximity to cross cutting qtz-sulfide veinlets and lower contact.
		<<Vein: 283.7 - 284.75 75% Quartz-Carbonate 27 deg. >> weakly musc - sericite altered clasts, 95% qtz, 5% carb, qtz flooding - margins are not sharp
		<<Vein: 284.75 - 295 7% Quartz 42 deg. >> foliafrom qtz vaies from 15cm to 0.5cm discontinuous broken qtz
		<<Vein: 294.8 - 294.9 2% Quartz-Sulphide 35 deg. >> <5% carbonate in veins
		<<Vein: 295 - 305.5 10% Quartz 42 deg. >> <10cm and commonly strung out dismembered qtz.
		<<Vein: 305.5 - 306.4 60% Quartz 56 deg. >>
		<<Vein: 306.5 - 313.5 10% Quartz 45 deg. >> commonly strung out dismembered qtz.
		<<Vein: 307.95 - 316.75 1% Quartz-Sulphide 55 deg. >>
		<<Vein: 308.24 - 308.26 100% Quartz-Carbonate-Sulphide 60 deg. >>
		<<Vein: 312.17 - 312.46 5% Quartz-Carbonate-Sulphide 30 deg. >> irregular cross cutting qtz-carb-sulfide veinlets
		<<Vein: 313.5 - 316.75 15% Quartz 42 deg. >> commonly strung out dismembered qtz.
		<<Struc: 281.4 - 285 moderate Foliated>>
		<<Struc: 285 - 288.5 moderate to strong Foliated>>
		<<Struc: 288.5 - 295 moderate to strong Foliated>>
		<<Struc: 295 - 307 moderate to strong Foliated>>
		<<Struc: 307 - 314.6 moderate to strong Foliated>>
		<<Struc: 314.6 - 316.85 weak to moderate Foliated>>
		<<Struc: 314.6 - 316.85 moderate to strong Deformed undifferentiated>> weakly contorted, folded, increase in dismembered qtz.
316.75	**330.00**	**QRZT ca calcareous QRTZ medium grey FG**
		316.75 - 330: grey abundant QV's, generally massive beds, phyllitic layers come in at 324.5m, dark, graphitic. SD-SP-QZ-GL veinlets persist down to 325m

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
314.35	315.25	0.90	1902648	-0.005	1	20	200	-3
315.25	316.75	1.50	1902649	0.006	0.8	9	239	-3
316.75	318.00	1.25	1902650	-0.005	0.4	23	46	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Min: 316.75 - 324.5 0.1% sphalerite>> in veinlet			318.00	319.40	1.40	1902651	-0.005	0.5	104	119	-3
<<Min: 316.75 - 324.5 0.25% pyrite>> fd - diss- blebs in wallrock and qtz (+/- carb) veins			319.40	320.68	1.28	1902652	-0.005	0.4	80	59	-3
<<Min: 316.75 - 324.5 0.1% pyrrhotite>>			320.68	322.00	1.32	1902653	-0.005	0.5	22	35	-3
<<Min: 316.75 - 324.5 0.1% galena>> in veinlet			322.00	323.50	1.50	1902654	-0.005	0.6	53	168	-3
<<Min: 324.5 - 328.65 0.1% pyrite>> veins			323.50	324.50	1.00	1902655	0.005	1.1	269	357	-3
<<Min: 328.65 - 329.08 1% sphalerite>> veinlets, fracs			324.50	326.00	1.50	1902656	0.014	0.9	17	122	-3
<<Min: 328.65 - 329.08 0.5% pyrite>> veinlets, minor blebs			326.00	327.50	1.50	1902657	0.006	0.9	17	47	-3
<<Min: 328.65 - 330.65 0.5% galena>> in veinlets			327.50	328.65	1.15	1902658	-0.005	0.7	23	255	-3
<<Min: 329.08 - 329.25 6% sphalerite>> in SD vein, bx, fracs in wall			328.65	329.08	0.43	1902659	-0.005	2	685	1613	-3
<<Min: 329.08 - 329.25 5% pyrite>> as SP			329.08	329.40	0.32	1902661	-0.005	2.1	600	21900	13
<<Min: 329.25 - 330.65 0.5% sphalerite>> veinlets, fracs			329.40	330.65	1.25	1902662	-0.005	0.6	43	203	-3
<<Min: 329.65 - 330.65 0.1% pyrite>> along foln											
<<Alt: 316.75 - 328.65 weak White mica (Sericite)>> narrow bands on foliation											
<<Alt: 328.65 - 331.3 weak to moderate White mica (Sericite)>> slight increase											
<<Vein: 316.75 - 324.5 1% Quartz-Carbonate-Sulphide 32 deg. >> SD-QZ-SP-GL-PY veinlets											
<<Vein: 316.75 - 324.5 10% Quartz-Carbonate 5 deg. >> approx. 10% carb in veins.											
<<Vein: 324.5 - 333.38 10% Quartz-Carbonate 45 deg. >> wide variation in width											
<<Vein: 328.65 - 331.9 3% Quartz-Carbonate-Sulphide 30 deg. >> SD-SP-GL-PY-QZ veinlets, 15 cm wide vein bx at 328.2 at 60											
<<Struc: 316.85 - 320 weak to moderate S1, compositional layering>> limy bands											
<<Struc: 316.85 - 320 Foliated>>											
<<Struc: 318.8 - 318.81 moderate Veining - fracture fill>> mineralized											
<<Struc: 320.9 - 320.91 moderate to strong Foliated>> phyllitic											
<<Struc: 321.5 - 321.51 moderate Veining - fracture fill>> mineralized											
<<Struc: 324.07 - 324.08 moderate Veining - fracture fill>> 2mm mineralized											
<<Struc: 324.3 - 324.35 moderate Veining - fracture fill>> 2mm, mineralized											
<<Struc: 327.09 - 327.1 moderate to strong S1, compositional layering>> QRZTca bed											
<<Struc: 327.96 - 327.99 strong S1, compositional layering>> graphite band											
<<Struc: 328.69 - 328.7 moderate Veining - fracture fill>> 2mm, mineralized											
330.00	**333.38**	**PHYL Phyllite black**	330.65	331.30	0.65	1902663	0.01	1.2	15	442	-3
330 - 333.38: dark grey to black, folioform QV's common, but also cross cutting, vuggy QZ-CB veins, alternating layers of dark PHYL, with minor grey QRZT, QRZTca, PY common in cross cutting veinlets											
<<Min: 330.65 - 332.7 2% pyrite>> fracs, tension gashes			331.30	331.90	0.60	1902664	-0.005	1.1	17	209	-3
<<Min: 331.33 - 331.9 3% pyrrhotite>> blebs in alt'n zone			331.90	332.70	0.80	1902665	0.009	0.7	12	205	-3

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GeoSpark Logger ~ Drill Log

Project: Haldane **Hole Number:** HLD19-15

From (m)	To (m)	Rocktype & Description
		<<Min: 332.7 - 351 1% pyrite>> scatterd along foln and in veins
		<<Min: 332.7 - 351 0.5% pyrrhotite>> along foln
		<<Alt: 331.3 - 331.9 strong Sericite>> very strong in deformed/bx'd host
		<<Alt: 331.9 - 333.38 moderate graphite, carbonaceous>> in phyllitic layers, on slips
		<<Vein: 331.9 - 351 15% Quartz-Carbonate 45 deg. >>
		<<Struc: 330.41 - 330.42 moderate to strong S1, compositional layering>> close to boudinaged vein
		<<Struc: 333.25 - 333.3 moderate to strong S1, compositional layering>> QRZTca bed
333.38	**351.00**	**QRZT phy interbedded Quartzite over phyllite grey-green**
		333.38 - 351: grey to greenish, abundant folioform QBV's, 15-20%, locally cross cutting veinlets in upper part of interval, MS-CL alteration?, generally homogeneous.
		<<Min: 339.1 - 339.8 0.5% sphalerite>> within large QZ-CB vein/bx zone
		<<Alt: 333.38 - 339.1 moderate Chlorite >> streaky
		<<Alt: 333.38 - 351 moderate to strong Sericite>> vfg, talcose feel locally.
		<<Alt: 339.1 - 339.8 strong Chlorite >> in vein/bx
		<<Alt: 339.8 - 351 moderate Chlorite >> streaky
		<<Alt: 350.28 - 351 weak to moderate Garnet>> streaky
		<<Struc: 340.9 - 340.91 strong Foliated>> schistose
		<<Struc: 342.6 - 342.61 strong Foliated>>
		<<Struc: 350.5 - 350.51 moderate to strong Foliated>>
		End of Hole @ 351

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
332.70	333.38	0.68	1902666	-0.005	-0.3	10	35	-3
333.38	334.70	1.32	1902667	-0.005	0.3	9	88	-3
334.70	335.85	1.15	1902668	-0.005	1.2	48	130	-3
335.85	336.57	0.72	1902669	-0.005	0.9	83	129	-3
336.57	338.00	1.43	1902670	-0.005	0.5	14	91	-3
338.00	339.00	1.00	1902671	-0.005	0.4	25	89	-3
339.00	340.00	1.00	1902672	-0.005	2.8	375	576	-3
340.00	341.00	1.00	1902673	0.006	1.3	102	735	-3
341.00	342.00	1.00	1902674	0.009	-0.3	12	93	-3
346.00	347.00	1.00	1902675	0.008	-0.3	10	94	-3
349.85	351.00	1.15	1902676	0.007	-0.3	10	72	-3

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: **Haldane** **Hole Number:** **HLD19-16**

Prospect:	Low-Middlecoff	Hole Type:	DD	Survey Type:	GPS	Logged By:	Murray Jones
Grid:	NAD83_Z8	Hole Diameter:		Survey By:	Jerome de Pasquale	Date Logging Start:	9/8/2019
UTM Easting:	456501	Core Size:	HQ	Azimuth:	85	Date Logging Complete:	9/12/2019
UTM Northing:	7081970	Casing Pulled?:	YES	Dip:	-60	Drill Company:	NewAge
UTM Elev. (m):	1210	Casing Depth (m):	3.55	Length (m):	187	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	Haldane	Drill Started:	9/7/2019
Local Northing:		Cemented?:		Core Storage Loc.:	Silver Trail	Drill Completed:	9/10/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	MC19-01	Parent Hole:	

This hole is designed to intersect 25m down plunge (10 degree south) from high grade silver mineralization in the Lower Middlecoff underground workings, sampled by Aho in 1965.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-60	85	0	85	Brunton	Jerome de Pasquale	9/2/2019		☐	
13	-59.6	60.3	20	80.3	ReflexEZS	Wayne Lupien	9/7/2019	59332	☑	close to surface, deflected on bedrock?
43	-59.8	62	20	82	ReflexEZS	Wayne Lupien	9/8/2019	58421	☑	at fault
73	-60.1	61.2	20	81.2	ReflexEZS	Wayne Lupien	9/8/2019	58151	☑	
103	-60.2	62	20	82	ReflexEZS	Wayne Lupien	9/9/2019	58467	☑	
133	-60.4	60.3	20	80.3	ReflexEZS	Wayne Lupien	9/9/2019	58218	☑	
163	-60.9	61	20	81	ReflexEZS	Wayne Lupien	9/9/2019	58084	☑	

Depth (m)	Rocktype & Description / sub-intervals	VN Struct (0–7)	SCH Struct (0–7)	SI Alt (0–7)	MS Alt (0–7)	CL Alt (0–7)	PY Min (0–10)	MN Min (0–20)	GE Min (0–20)	Mag Sus (0–5)
0.00	**OVBN**									
	0-3.55: Casing pushed to 15 m									
	0-3.55:OVBN									
5.00	**SCHS**									
	3.55 - 8.72: micaceous but qith abdy folioform QV's, boudinaged, small QZ-augens common, not grit, friable									
10.00	**PHYL**									
	9.5 - 15.9: very well foliated, 2 phases (S1 and S2?, thin QZ domains, stretched and boudinaged, possible FeCB present on some layers, scatetred QV'str PY in fractures									

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
6.00	7.00	1.00	1902677	0.013	0.5	10	574	-3
8.25	9.00	0.75	1902678	0.012	0.5	13	427	-3
9.00	9.60	0.60	1902679	0.01	0.4	12	1056	-3
9.60	11.00	1.40	1902681	0.018	1.2	22	539	-3

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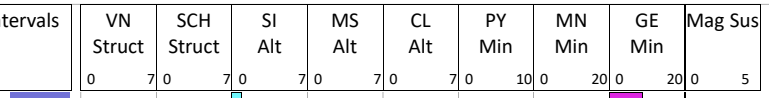
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-16



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
15.00	**QRZT ca**	15.90	17.10	1.20	1902682	0.007	0.6	9	148	-3
	15.9-19: relatively homogeneous rock, massive weakly foliated (by eye), calcareous beds common, 1-10 cm, minor phyllite, normally oxidized, QV's common, boudinaged and broken, gossanous fractures and locally along foliation									
	15.9-19:QRZT ca									
20.00	**QRZT phy**	23.80	24.53	0.73	1902683	0.029	0.5	6	119	-3
	19 - 24.25: variable, siliceous to phyllitic bands, dark bands, possible weak GF locally									
25.00	**PHYL**									
	24.25 - 37.7: strongly fol'd to laminated, micaceous to siliceous lams, , black, variably carbonaceous, broken, crushed to 34m, also the most carbonaceous section, scattered QV's *24.6-25.5 crush zone FLTZ*									
30.00										
35.00										
40.00	**QRZT phy**	42.38	43.20	0.82	1902684	-0.005	-0.3	-3	251	-3
	37.7 - 50.44: local phyllite, thick to thin befdded, lge QV's common, fault/broken at 43 m,									
		43.20	44.46	1.26	1902685	0.008	-0.3	-3	37	-3
45.00										
50.00	**PHYL**	50.40	51.35	0.95	1902686	0.017	-0.3	6	445	-3
	51.35 - 57.95: well fol'd, transposed bedding?, narrow lams of black and grey, folding apparent locally, rel. homogeneous									
	50.44-51.35:FLTZ									
55.00										
60.00	**QRZT**									
	57.95 - 71.15: massive to fol'd, consistent fabric, siliceous locally, phyllitic locally,QV's no particularly common *67.35-68.75-FLTZ, gossanous, bx'd QRZTblack gouge locally*									
65.00		67.30	68.60	1.30	1902687	0.006	-0.3	6	129	-3
70.00	**FLTZ**	71.40	73.00	1.60	1902688	0.021	0.6	8	196	12
	71.15-73: brecciated QRZT, milled, with abdt GE after CB(?), black stain filling fractures -graphite, MNOx?, poss JA oe SC after AS, AS blebs in quartz vein material									
	71.15-73:FLTZ									
75.00	**PHYL**	78.60	79.80	1.20	1902689	0.015	1.1	12	207	3
	73 - 82.95: well foliated, homogeneous appearance, minor CB/SD(?) altered beds turn gossanous, pblast layers common, no CA									
80.00										
85.00	**FELS**	87.30	88.50	1.20	1902690	0.012	0.6	20	1094	-3
	82.95 - 89.22: fg, aplitic, dyke, altered (MS, CB?), cut by veinles, minor vein/bx, MN, CL locally in fracs, AS diss'd t/o									
		88.50	90.00	1.50	1902691	0.009	1	14	370	-3
90.00	**QRZT phy**	91.00	92.20	1.20	1902692	0.043	0.6	6	125	-3
	89.22 - 97.17: variably silicified, QRZT beds and PHYL sections, graphite quite strong, faulted, abdt QV's									
		93.25	94.30	1.05	1902693	0.017	0.7	6	178	5
95.00	**FLTZ**									
	97.17 - 103.2: heterogeneous, gouge and bx, primarily PHYL and QRZT intervals, milled to 2 cmbx frags, semi-coherent intervals									

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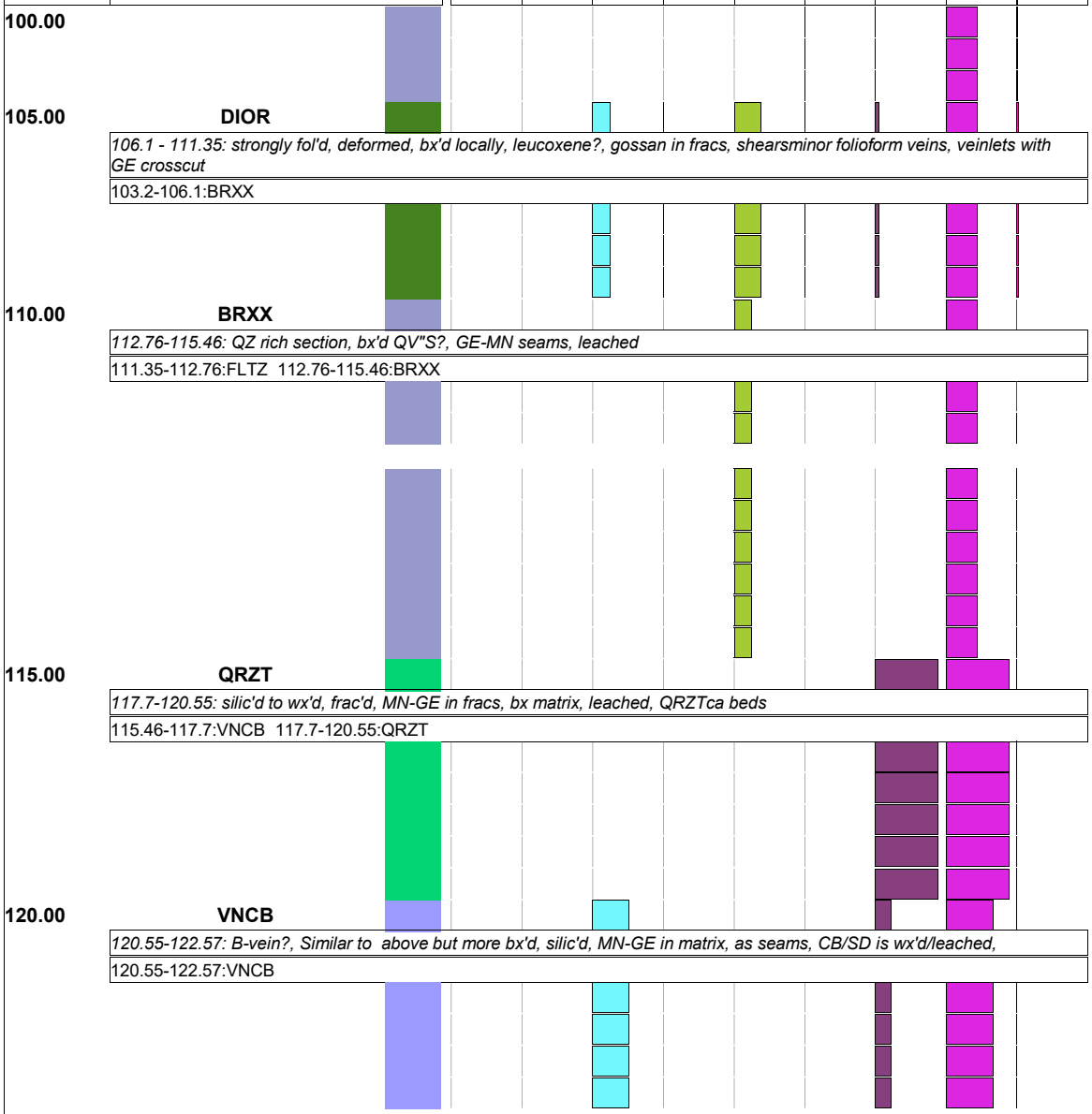
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-16

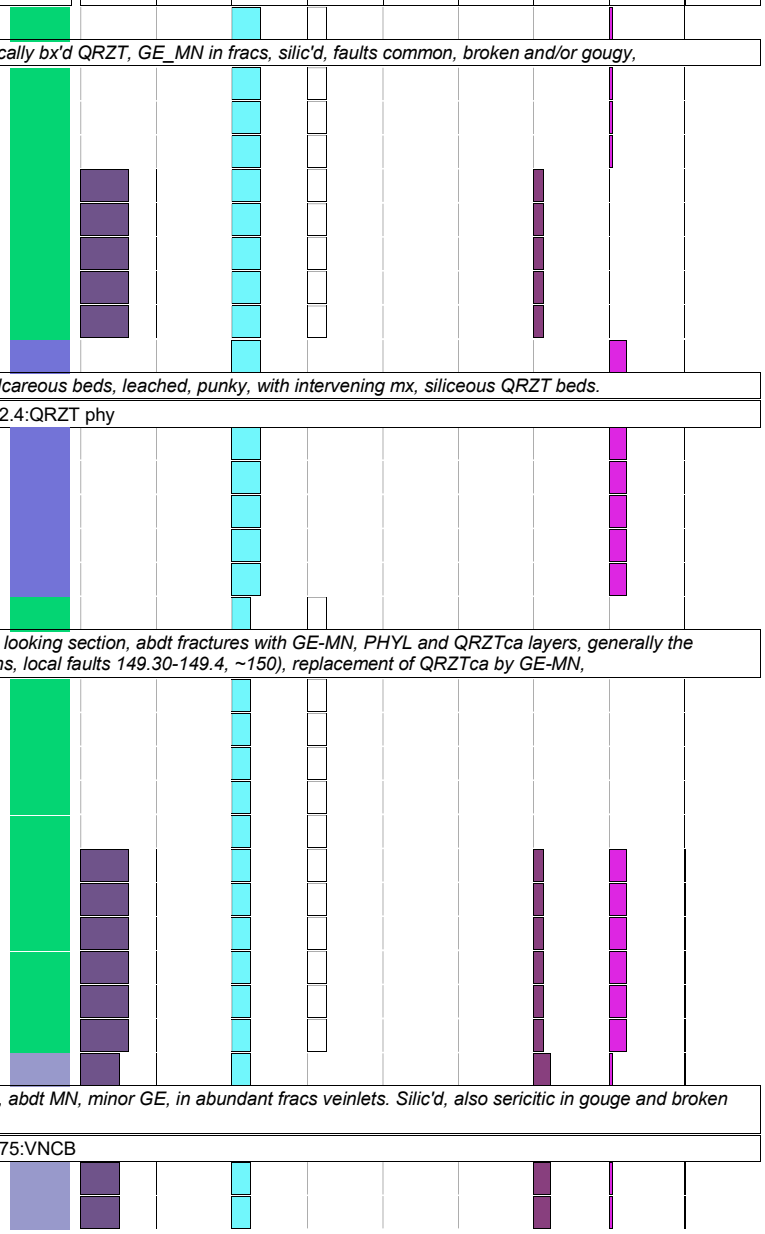


From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
99.80	100.46	0.66	1902694	0.03	0.7	9	249	-3
102.80	103.80	1.00	1902695	0.02	5.5	62	877	-3
103.80	105.00	1.20	1902696	0.015	2.7	17	240	-3
105.00	106.10	1.10	1902697	0.166	4.3	302	371	-3
106.10	107.30	1.20	1902698	0.038	11	1614	944	-3
107.30	108.80	1.50	1902699	0.093	7.1	802	3303	-3
108.80	110.30	1.50	1902701	0.01	3.5	1063	3561	-3
110.30	111.35	1.05	1902702	0.29	90.9	13300	3600	9
111.35	111.70	0.35	1902703	1.486	996	283500	5300	302
111.70	112.76	1.06	1902704	0.285	70.9	19600	2500	27
112.76	113.20	0.44	1902705	0.151	28.8	6862	2396	-3
113.20	113.90	0.70	1902706	0.101	30.8	11000	1300	15
113.90	114.34	0.44	1902707	0.039	17.3	3828	2042	8
114.34	114.85	0.51	1902708	0.182	198	79200	3400	55
114.85	115.46	0.61	1902709	0.375	183	78900	3600	104
115.46	116.25	0.79	1902710	0.243	78.6	19400	11600	25
116.25	117.00	0.75	1902711	0.181	262	7400	19700	18
117.00	117.70	0.70	1902712	0.073	74.6	18300	7800	21
117.70	119.10	1.40	1902713	0.015	37.9	1967	2214	-3
119.10	120.55	1.45	1902714	0.009	13.4	1386	799	-3
120.55	121.55	1.00	1902715	0.008	34	2140	4698	19
121.55	122.57	1.02	1902716	0.015	455	3920	5145	13
122.57	123.55	0.98	1902717	0.026	84.7	1291	1476	4
123.55	125.00	1.45	1902718	0.005	112	413	1041	-3

EQUITY EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-16

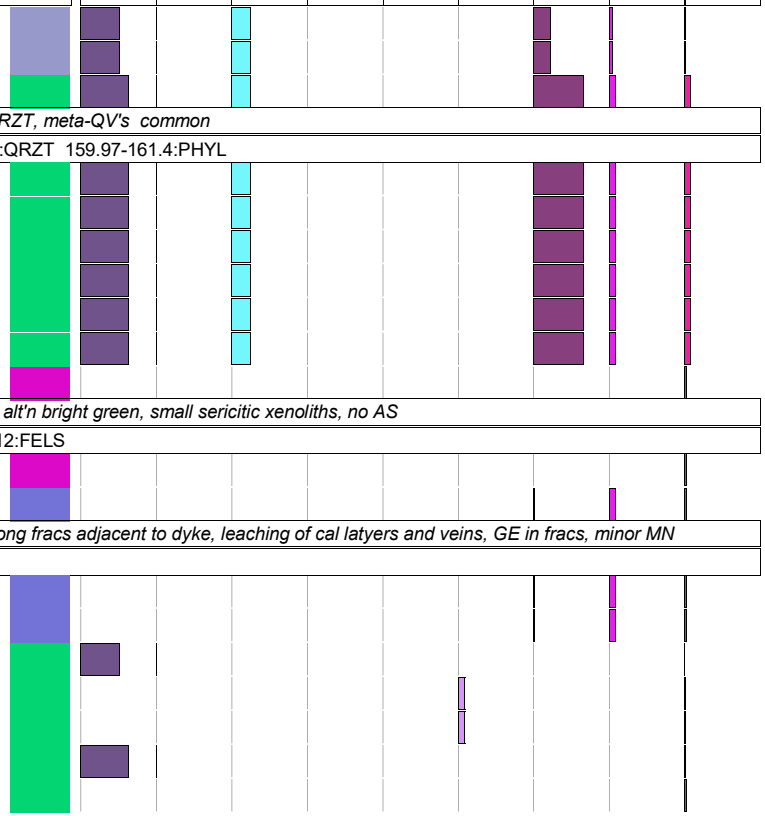


Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
125.00	**QRZT**	125.00	126.30	1.30	1902719	0.005	1.7	86	352	-3
	122.57 - 135.2: highly fractured, locally bx'd QRZT, GE_MN in fracs, silic'd, faults common, broken and/or gougy,	126.30	128.00	1.70	1902721	0.005	2.2	66	238	-3
		128.00	129.60	1.60	1902722	0.005	3.7	55	162	-3
		129.60	130.70	1.10	1902723	-0.005	2.1	54	189	-3
130.00		130.70	131.80	1.10	1902724	-0.005	8.9	59	287	-3
		131.80	133.00	1.20	1902725	-0.005	47.9	212	523	-3
		133.00	133.35	0.35	1902726	0.008	187	2383	2866	9
135.00	**QRZT ca**	133.35	135.20	1.85	1902727	0.01	2.5	66	203	-3
	135.2-139.95: section of conc'd calcareous beds, leached, punky, with intervening mx, siliceous QRZT beds.									
	135.2-139.95:QRZT ca 139.95-142.4:QRZT phy	135.20	136.20	1.00	1902728	-0.005	8.2	91	480	-3
		136.20	137.20	1.00	1902729	-0.005	4	29	210	-3
		137.20	138.60	1.40	1902730	-0.005	5	20	137	-3
		138.60	139.95	1.35	1902731	-0.005	3.6	26	244	-3
		139.95	141.00	1.05	1902732	0.015	8.6	24	294	-3
140.00	**QRZT**									
	142.4 - 151.04: very heterogenous looking section, abdt fractures with GE-MN, PHYL and QRZTca layers, generally the QRZT looks silic'd, metaQV boudins, local faults 149.30-149.4, ~150), replacement of QRZTca by GE-MN,	141.00	142.40	1.40	1902733	0.006	5.9	17	474	-3
		142.40	143.20	0.80	1902734	0.005	10	15	333	-3
		143.20	144.40	1.20	1902735	0.007	9.8	35	506	3
		144.40	144.95	0.55	1902736	0.017	22.3	70	2109	5
		144.95	145.96	1.01	1902737	0.005	2.9	45	731	-3
145.00		145.96	147.15	1.19	1902738	-0.005	4.6	112	390	-3
		147.15	148.28	1.13	1902739	-0.005	25	511	906	4
		148.28	149.22	0.94	1902741	0.009	22.1	1511	1499	7
		149.22	149.72	0.50	1902742	0.012	3.9	105	389	4
150.00	**BRXX**	149.72	151.04	1.32	1902743	0.008	2.6	168	432	-3
	151.04-154.25: crackle bx'd QRZT, abdt MN, minor GE, in abundant fracs veinlets. Silic'd, also sericitic in gouge and broken sections.									
	151.04-154.25:BRXX 154.25-155.75:VNCB	151.04	152.10	1.06	1902744	0.011	7.3	334	1938	-3
		152.10	153.10	1.00	1902745	0.026	19	1233	2211	-3

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-16



Depth (m)	Rocktype & Description / sub-intervals
155.00	**QRZT**
	157.8-159.97: rel homogeneous QRZT, meta-QV's common
	155.75-157.8:BRXX 157.8-159.97:QRZT 159.97-161.4:PHYL
160.00	**FELS**
	163.2-165.12: aplite as above, MS alt'n bright green, small sericitic xenoliths, no AS
	161.4-163.2:QRZT ca 163.2-165.12:FELS
165.00	**QRZT ca**
	165.12-168.22: minor bleaching along fracs adjacent to dyke, leaching of cal latyers and veins, GE in fracs, minor MN
	165.12-168.22:QRZT ca
170.00	**QRZT**
175.00	
180.00	
185.00	

End of Hole @ 187

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
153.10	154.25	1.15	1902746	0.006	8.4	507	2725	-3
154.25	155.75	1.50	1902747	0.06	57.7	1400	16700	4
155.75	156.40	0.65	1902748	0.044	8	1649	2560	-3
156.40	157.10	0.70	1902749	0.131	13.8	969	5544	-3
157.10	157.70	0.60	1902750	0.053	4.4	1379	6553	-3
157.70	158.70	1.00	1902751	0.021	8.5	883	2456	-3
158.70	159.97	1.27	1902752	-0.005	1.7	111	432	-3
159.97	161.40	1.43	1902753	-0.005	1	82	1545	7
161.40	163.22	1.82	1902754	-0.005	0.8	19	225	-3
166.12	167.43	1.31	1902755	-0.005	0.3	5	274	-3
167.43	168.22	0.79	1902756	-0.005	0.4	9	512	7
168.22	169.12	0.90	1902757	-0.005	-0.3	7	82	-3
175.00	176.50	1.50	1902758	-0.005	0.8	17	157	-3
176.50	178.00	1.50	1902759	-0.005	0.7	18	203	-3

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: Haldane **Hole Number:** HLD19-16

Prospect:	Low-Middlecoff	Hole Type:	DD	Survey Type:	GPS	Logged By:	Murray Jones
Grid:	NAD83_Z8	Hole Diameter:		Survey By:	Jerome de Pasquale	Date Logging Start:	9/8/2019
UTM Easting:	456501	Core Size:	HQ	Azimuth:	85	Date Logging Complete:	9/12/2019
UTM Northing:	7081970	Casing Pulled?:	YES	Dip:	-60	Drill Company:	NewAge
UTM Elev. (m):	1210	Casing Depth (m):	3.55	Length (m):	187	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	Haldane	Drill Started:	9/7/2019
Local Northing:		Cemented?:		Core Storage Loc.:	Silver Trail	Drill Completed:	9/10/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:	MC19-01	Parent Hole:	

This hole is designed to intersect 25m down plunge (10 degree south) from high grade silver mineralization in the Lower Middlecoff underground workings, sampled by Aho in 1965.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-60	85	0	85	Brunton	Jerome de Pasquale	9/2/2019		☐	
13	-59.6	60.3	20	80.3	ReflexEZS	Wayne Lupien	9/7/2019	59332	☑	close to surface, deflected on bedrock?
43	-59.8	62	20	82	ReflexEZS	Wayne Lupien	9/8/2019	58421	☑	at fault
73	-60.1	61.2	20	81.2	ReflexEZS	Wayne Lupien	9/8/2019	58151	☑	
103	-60.2	62	20	82	ReflexEZS	Wayne Lupien	9/9/2019	58467	☑	
133	-60.4	60.3	20	80.3	ReflexEZS	Wayne Lupien	9/9/2019	58218	☑	
163	-60.9	61	20	81	ReflexEZS	Wayne Lupien	9/9/2019	58084	☑	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
0.00	**3.55**	**OVBN** **Overburden**									
0 - 3.55: Casing pushed to 15 m											
3.55	**8.72**	**SCHS** **Schist** **dark grey**	6.00	7.00	1.00	1902677	0.013	0.5	10	574	-3
3.55 - 8.72: micaceous but qith abdy folioform QV's, boudinaged, small QZ-augens common, not grit, friable											
<<Min: 6.15 - 6.5 3% pyrite>> LI and boxwork after diss'd PY cubes in QV-rich section			8.25	9.00	0.75	1902678	0.012	0.5	13	427	-3
<<Min: 7.5 - 9.1 15% goethite>> GE after ?? In broken QV and boudined QV's, leached out sx?											
<<Vein: 3.55 - 9.7 20% Quartz-Carbonate 70 deg. >> often vuggy due to wx'ng, leaching											
<<Struc: 4.2 - 4.21 strong S1, compositional layering>>											
<<Struc: 7.5 - 7.51 strong S1, compositional layering>> contact between phyllitic and QV'd SCHS											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
8.72	**9.50**	**FLTZ Fault Zone black**	9.00	9.60	0.60	1902679	0.01	0.4	12	1056	-3
8.72 - 9.5: broken QV above and below, mixes in, black graphitic, gougy,											
<<Min: 9.1 - 15.9 0.1% pyrite>> trace PY(?) in discordant fractures,											
9.50	**15.90**	**PHYL Phyllite black**	9.60	11.00	1.40	1902681	0.018	1.2	22	539	-3
9.5 - 15.9: very well foliated, 2 phases (S1 and S2?, thin QZ domains, stretched and boudinaged, possible FeCB present on some layers, scatetred QV'str PY in fractures											
<<Min: 11.35 - 112.76 10% goethite>> gossanous fault											
<<Vein: 9.7 - 15.9 5% Quartz 55 deg. >>											
<<Struc: 12.3 - 12.31 moderate to strong Foliated>> seems to be parallel to comp layering											
<<Struc: 14.8 - 14.81 strong Foliated>> hard to see S1											
<<Struc: 15.2 - 15.21 strong Foliated>> actually crenulation of S1, so S2?											
15.90	**19.00**	**QRZT ca calcareous QRTZ dark grey**	15.90	17.10	1.20	1902682	0.007	0.6	9	148	-3
15.9 - 19: relatively homogeneous rock, massive weakly foliated (by eye), calcareous beds common, 1-10 cm, minor phyllite, normally oxidized, QV's common, boudinaged and broken, gossanous fractures and locally along foliation											
<<Alt: 15.9 - 20 weak Silicification >> seems o occur adjacent to calcareous beds, rock is very silica rich overall.											
<<Vein: 15.9 - 17 10% Quartz-Carbonate 60 deg. >>											
<<Vein: 17 - 24.3 5% Quartz 65 deg. >>											
<<Struc: 17.9 - 17.91 moderate S1, compositional layering>> calcareous layer in quartzite											
19.00	**24.25**	**QRZT phy interbedded Quartzite over phyllite dark grey**	23.80	24.53	0.73	1902683	0.029	0.5	6	119	-3
19 - 24.25: variable, siliceous to phyllitic bands, dark bands, possible weak GF locally											
<<Min: 23.8 - 24.53 3% pyrite>> replcement in clasts, minor fracs											
<<Alt: 23.8 - 24.53 moderate Silicification >> in bx clasts											
<<Alt: 23.8 - 24.53 strong Calcite>> in bx'd sections within interval											
<<Struc: 19.8 - 19.81 moderate to strong Foliated>>											
<<Struc: 21.5 - 21.51 weak to moderate veinlet>> 2mm QZ-GE											
<<Struc: 22.4 - 22.41 moderate to strong Foliated>>											
24.25	**37.70**	**PHYL Phyllite black**									
24.25 - 37.7: strongly fol'd to laminated, micaceous to siliceous lams, , black, variably carbonaceous, broken, crushed to 34m, also the most carbonaceous section, scattered QV's 24.6-25.5 crush zone FLTZ											
<<Vein: 24.3 - 37.7 2% Quartz 70 deg. >>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 24.53 - 24.54 moderate to strong breccia>> CA-QZ-PY bx is folioform									
		<<Struc: 26.3 - 26.31 strong Foliated>> in phyllite									
		<<Struc: 35.6 - 35.61 moderate to strong Foliated>> PHYL, siliceous									
37.70	**50.44**	**QRZT phy interbedded Quartzite over phyllite dark grey**	42.38	43.20	0.82	1902684	-0.005	-0.3	-3	251	-3
		37.7 - 50.44: local phyllite, thick to thin befdded, lge QV's common, fault/broken at 43 m,									
		<<Min: 42.4 - 43.2 5% goethite>> minor JA, after PY in fracs around fault	43.20	44.46	1.26	1902685	0.008	-0.3	-3	37	-3
		<<Min: 43.2 - 46.6 0.1% pyrite>> in QV's, poss. In fracs.	50.40	51.35	0.95	1902686	0.017	-0.3	6	445	-3
		<<Vein: 37.7 - 50.44 10% Quartz-Dolomite 70 deg. >>									
		<<Struc: 40.7 - 40.71 moderate to strong S1, compositional layering>> cse grained bed against argillaceous layer									
		<<Struc: 42.37 - 42.38 moderate S1, compositional layering>> siliceous layer, adjacent fault									
		<<Struc: 49.4 - 49.41 moderate S1, compositional layering>> pblast layer in QRZT									
50.44	**51.35**	**FLTZ Fault Zone black**									
		50.44 - 51.35: crackle bx'd to fractured, at contact between QRZT and PHYL, drags fol to higher CA									
		<<Vein: 50.44 - 63.5 5% Quartz 60 deg. >>									
51.35	**57.95**	**PHYL Phyllite dark grey**									
		51.35 - 57.95: well fol'd, transposed bedding?, narrow lams of black and grey, folding apparent locally, rel. homogeneous									
		<<Struc: 51.6 - 51.61 moderate to strong Foliated>> adjacent fault									
		<<Struc: 52.5 - 52.51 moderate Foliated>> well cleaved PHYL									
		<<Struc: 55.15 - 55.16 moderate to strong S1, compositional layering>> well defined layer in PHYL									
57.95	**71.15**	**QRZT Quartzite grey**	67.30	68.60	1.30	1902687	0.006	-0.3	6	129	-3
		57.95 - 71.15: massive to fol'd, consistent fabric, siliceous locally, phyllitic locally,QV's no particularly common 67.35-68.75-FLTZ, gossanous, bx'd QRZTblack gouge locally									
		<<Vein: 63.5 - 71.15 20% Quartz-Carbonate 50 deg. >>									
		<<Struc: 61.5 - 61.51 moderate to strong Foliated>>									
		<<Struc: 68.85 - 68.86 moderate Foliated>> fabric is moderate in siliceous QRZT									
71.15	**73.00**	**FLTZ Fault Zone orange**	71.40	73.00	1.60	1902688	0.021	0.6	8	196	12
		71.15 - 73: brecciated QRZT, milled, with abdt GE after CB(?), black stain filling fractures -graphite, MNOx?, poss JA oe SC after AS, AS blebs in quartz vein material									
		<<Min: 71.15 - 73 0.1% arsenopyrite>> apparent in QZ vein fragments, SC as well									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
73.00	**82.95**	**PHYL Phyllite dark grey**	78.60	79.80	1.20	1902689	0.015	1.1	12	207	3
73 - 82.95: well foliated, homogeneous appearance, minor CB/SD(?) altered beds turn gossanous, pblast layers common, no CA											
<<Min: 78.6 - 79.75 1% pyrite>> tension gash, fracs in host and folioform QV's, with SD?? In vein, vuggy											
<<Alt: 75.9 - 82.23 weak to moderate Fe-Carbonate>> probably bedding preferred											
<<Alt: 82.23 - 82.95 weak to moderate White mica (Sericite)>> heat from dyke?											
<<Vein: 73 - 82.23 2% Quartz-Carbonate 50 deg. >>											
<<Vein: 82.23 - 89.22 2% Quartz-Pyrite 20 deg. >> GE after PY commonly											
<<Struc: 73 - 73.01 moderate to strong Foliated>> adjacent to fault											
<<Struc: 77.45 - 77.46 moderate Foliated>> regular, well defined in siliceous PHYL											
<<Struc: 82.7 - 82.71 weak veinlet>> 1 mm, QZ-GE, bleached envelope											
82.95	**89.22**	**FELS Felsic Dyke beige**	87.30	88.50	1.20	1902690	0.012	0.6	20	1094	-3
82.95 - 89.22: fg, aplitic, dyke, altered (MS, CB?), cut by veinles, minor vein/bx, MN, CL locally in fracs, AS diss'd t/o											
<<Min: 82.95 - 89.22 2% arsenopyrite>> xtal laths ubiquitous			88.50	90.00	1.50	1902691	0.009	1	14	370	-3
<<Min: 82.95 - 89.25 0.1% pyrite>> QZ veinlets, with PY											
<<Struc: 83.75 - 83.76 weak to moderate veinlet>> vuggy, leached, 1 mm QZ											
<<Struc: 87.7 - 87.71 weak to moderate veinlet>> 2mm PY-CL, pinches											
89.22	**97.17**	**QRZT phy interbedded Quartzite over phyllite black**	91.00	92.20	1.20	1902692	0.043	0.6	6	125	-3
89.22 - 97.17: variably silicified, QRZT beds and PHYL sections, graphite quite strong, faulted, abdt QV's											
<<Min: 91 - 93.1 0.01% scapolite>> coatings in wx'd intervals			93.25	94.30	1.05	1902693	0.017	0.7	6	178	5
<<Min: 95 - 97.7 0.1% pyrite>> mostly associated with QZ veins											
<<Alt: 89.25 - 97.7 moderate to strong Silicification >> from dyke?											
<<Vein: 89.22 - 97.17 20% Quartz 50 deg. >>											
<<Struc: 94.51 - 94.52 weak to moderate Foliated>> QRZT phy											
<<Struc: 96.65 - 96.66 moderate Foliated>> PHYL, veined											
97.17	**103.20**	**FLTZ Fault Zone black**	99.80	100.46	0.66	1902694	0.03	0.7	9	249	-3
97.17 - 103.2: heterogeneous, gouge and bx, primarily PHYL and QRZT intervals, milled to 2 cmbx frags, semi-coherent intervals											
<<Min: 97.7 - 103.2 0.1% pyrite>> minor wisps along fol'n, in cl;asts			102.80	103.80	1.00	1902695	0.02	5.5	62	877	-3
<<Min: 100.25 - 100.4 0.1% arsenopyrite>> along fol'm											
<<Min: 102.8 - 105 10% goethite>> and in fracs											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Alt: 97.7 - 100.5 moderate Silicification >> in coherent sections											
<<Vein: 97.17 - 102.8 10% Quartz 70 deg. >>											
103.20	**106.10**	**BRXX Breccia Fault grey-brown**	103.80	105.00	1.20	1902696	0.015	2.7	17	240	-3
103.2 - 106.1: milled QRZT and blocky PHYL fragments, matrix is weakly gossanous-CB?, wSi in matrix, drusy vugs, MN in fracs with SD											
<<Min: 105 - 106.1 1% Mn-oxides>>			105.00	106.10	1.10	1902697	0.166	4.3	302	371	-3
<<Min: 105 - 106.1 1% goethite>>											
<<Alt: 105 - 106.1 weak to moderate Silicification >> in bx mtrix											
<<Struc: 103.55 - 103.6 strong fault gouge>> in bx'd zone											
106.10	**111.35**	**DIOR Diorite green**	106.10	107.30	1.20	1902698	0.038	11	1614	944	-3
106.1 - 111.35: strongly fol'd, deformed, bx'd locally, leucoxene?, gossan in fracs, shearsminor folioform veins, veinlets with GE crosscut											
<<Min: 106.1 - 111.35 5% goethite>>			107.30	108.80	1.50	1902699	0.093	7.1	802	3303	-3
<<Alt: 106.1 - 111.35 moderate Chlorite >>			108.80	110.30	1.50	1902701	0.01	3.5	1063	3561	-3
<<Alt: 106.1 - 111.35 moderate Fe-Carbonate>>			110.30	111.35	1.05	1902702	0.29	90.9	13300	3600	9
<<Struc: 109.1 - 109.11 moderate Foliated>> in DIOR											
111.35	**112.76**	**FLTZ Fault Zone orange**	111.35	111.70	0.35	1902703	1.486	996	283500	5300	302
111.35 - 112.76: very broken, siliceous rock, QRZT?, very goss, one seam of GL!, rubble basically											
<<Min: 111.35 - 112.76 0.1% galena>> one cm GL seam at 111.7			111.70	112.76	1.06	1902704	0.285	70.9	19600	2500	27
<<Alt: 111.35 - 112.76 weak to moderate Chlorite >> probably DIOR clasts											
<<Struc: 111.35 - 111.36 weak to moderate fault gouge>>											
112.76	**115.46**	**BRXX Breccia Fault**	112.76	113.20	0.44	1902705	0.151	28.8	6862	2396	-3
112.76 - 115.46: QZ rich section, bx'd QV"S?, GE-MN seams, leached											
<<Min: 112.76 - 115.46 0.1% pyrite>> in host			113.20	113.90	0.70	1902706	0.101	30.8	11000	1300	15
<<Min: 112.76 - 115.46 3% pyrolusite>> with GE, QZ			113.90	114.34	0.44	1902707	0.039	17.3	3828	2042	8
<<Min: 112.76 - 115.46 1% galena>> remnants in veins			114.34	114.85	0.51	1902708	0.182	198	79200	3400	55
<<Alt: 112.76 - 115.46 strong Silicification >> pre-mineral?, bx'd, possibly vein			114.85	115.46	0.61	1902709	0.375	183	78900	3600	104
<<Vein: 112.76 - 115.46 5% Quartz-Manganese oxide/Pyrolusite>> MN-GE in veins in QZ											
<<Struc: 112.85 - 112.86 moderate to strong veinlet>> GL in MN-GE oxides											
<<Struc: 114.7 - 114.75 moderate to strong veinlet>> GL in MN-GE vein											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
115.46	**117.70**	**VNCB Carbonate Vein dark brown**	115.46	116.25	0.79	1902710	0.243	78.6	19400	11600	25
115.46 - 117.7: A-Vein?, mottled GE-MN in massive o=xidized vein, GE after SD?, possible botyryoidal tx, QZ clsts scattered, leached out, decent recovery											
<<Min: 115.46 - 117.7 30% pyrolusite>> leached, mixed with GE			116.25	117.00	0.75	1902711	0.181	262	7400	19700	18
<<Min: 115.46 - 117.7 25% goethite>> patchy,			117.00	117.70	0.70	1902712	0.073	74.6	18300	7800	21
<<Vein: 115.46 - 117.7 85% Iron Oxides>> irregular contacts, bx/fracs at various angles											
117.70	**120.55**	**QRZT Quartzite grey-brown**	117.70	119.10	1.40	1902713	0.015	37.9	1967	2214	-3
117.7 - 120.55: silic'd to wx'd, frac'd, MN-GE in fracs, bx matrix, leached, QRZTca beds											
<<Min: 117.7 - 120.55 3% pyrolusite>> patchy in Calcareous beds			119.10	120.55	1.45	1902714	0.009	13.4	1386	799	-3
<<Min: 117.7 - 120.55 5% goethite>> fracs											
<<Alt: 117.7 - 125 moderate to strong Silicification >> results in crackle bx'n?											
<<Vein: 117.7 - 125 5% Quartz-Manganese oxide/Pyrolusite>> crackle bxn od QRZT, MnOx and GE qith QZ											
<<Struc: 117.9 - 117.91 moderate to strong Foliated>> in silic'd QRZT											
120.55	**122.57**	**VNCB Carbonate Vein grey-brown**	120.55	121.55	1.00	1902715	0.008	34	2140	4698	19
120.55 - 122.57: B-vein?, Similar to above but more bx'd, silic'd, MN-GE in matrix, as seams, CB/SD is wx'd/leached,											
<<Min: 120.55 - 122.57 5% pyrolusite>> and veins -grey sx?			121.55	122.57	1.02	1902716	0.015	455	3920	5145	13
<<Min: 120.55 - 122.57 15% goethite>> fracs											
<<Struc: 120.55 - 120.56 moderate to strong upper contact>> irregular vin/fault contact											
122.57	**135.20**	**QRZT Quartzite beige**	122.57	123.55	0.98	1902717	0.026	84.7	1291	1476	4
122.57 - 135.2: highly fractured, locally bx'd QRZT, GE_MN in fracs, silic'd, faults common, broken and/or gougy,											
<<Min: 122.57 - 125 2% Mn-oxides>> minor veinlets, bleeds out			123.55	125.00	1.45	1902718	0.005	112	413	1041	-3
<<Min: 125 - 131.78 1% goethite>>			125.00	126.30	1.30	1902719	0.005	1.7	86	352	-3
<<Min: 131.78 - 135.2 3% Mn-oxides>> bleeds out			126.30	128.00	1.70	1902721	0.005	2.2	66	238	-3
<<Min: 133 - 133.15 25% pyrolusite>> vuggy/leached QV			128.00	129.60	1.60	1902722	0.005	3.7	55	162	-3
<<Alt: 125 - 135.2 moderate Silicification >> not textursally destructive, cal beds still apparent			129.60	130.70	1.10	1902723	-0.005	2.1	54	189	-3
<<Alt: 125 - 135.2 weak to moderate Sericite>> bleaches rock?			130.70	131.80	1.10	1902724	-0.005	8.9	59	287	-3
<<Vein: 125 - 131.5 1% Quartz-Carbonate 60 deg. >> leached, CB?			131.80	133.00	1.20	1902725	-0.005	47.9	212	523	-3
<<Vein: 131.5 - 135.2 3% Quartz-Manganese oxide/Pyrolusite>> cracle bx'd frac'd			133.00	133.35	0.35	1902726	0.008	187	2383	2866	9
<<Struc: 123.7 - 123.71 moderate S1, compositional layering>> cal layer			133.35	135.20	1.85	1902727	0.01	2.5	66	203	-3
<<Struc: 123.85 - 123.86 moderate to strong Foliated>> cuts S1											
<<Struc: 128.65 - 128.66 moderate S1, compositional layering>> bleached section											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 132 - 132.01 weak to moderate veinlet>> MN in frac, 1 mm									
		<<Struc: 133.01 - 133.05 strong Veining - fracture fill>> vuggy/leached, MN rich									
135.20	**139.95**	**QRZT ca calcareous QRTZ green-brown**	135.20	136.20	1.00	1902728	-0.005	8.2	91	480	-3
		135.2 - 139.95: section of conc'd calcareous beds, leached, punky, with intervening mx, siliceous QRZT beds.									
		<<Min: 135.2 - 142.4 3% hematite>> normally as bands	136.20	137.20	1.00	1902729	-0.005	4	29	210	-3
		<<Min: 135.2 - 142.4 5% goethite>> in fracs	137.20	138.60	1.40	1902730	-0.005	5	20	137	-3
		<<Min: 139.8 - 141.4 2% Mn-oxides>>	138.60	139.95	1.35	1902731	-0.005	3.6	26	244	-3
		<<Alt: 135.2 - 139.95 moderate Silicification >>									
		<<Vein: 135.2 - 142.2 10% Quartz 40 deg. >> varies between QRZT and PHYL, trace discordant veinlets									
		<<Struc: 138.52 - 138.53 moderate S1, compositional layering>>									
139.95	**142.40**	**QRZT phy interbedded Quartzite over phyllite banded grey and black**	139.95	141.00	1.05	1902732	0.015	8.6	24	294	-3
		139.95 - 142.4: soft PHYL and sil QRZT, gossanous bands after calcareous beds?, deformed, boid. QV's									
		<<Alt: 139.95 - 142.4 weak Silicification >>	141.00	142.40	1.40	1902733	0.006	5.9	17	474	-3
		<<Vein: 142.2 - 153.8 5% Quartz-Carbonate 40 deg. >> CB wx'd out, leaves vugs, oxides									
		<<Struc: 140.35 - 140.4 moderate fault gouge>> graphitic									
		<<Struc: 141.4 - 141.41 moderate to strong Foliated>> PHYL									
142.40	**151.04**	**QRZT Quartzite grey-brown**	142.40	143.20	0.80	1902734	0.005	10	15	333	-3
		142.4 - 151.04: very heterogenous looking section, abdt fractures with GE-MN, PHYL and QRZTca layers, generally the QRZT looks silic'd, metaQV boudins, local faults 149.30-149.4, ~150), replacement of QRZTca by GE-MN,									
		<<Min: 143.2 - 149.2 3% Mn-oxides>> bleeds out, some shear veins with GE	143.20	144.40	1.20	1902735	0.007	9.8	35	506	3
		<<Min: 143.2 - 149.2 5% goethite>> more pervasive than MN, patches in cal layers, in shear veins, in vugs in QC veins	144.40	144.95	0.55	1902736	0.017	22.3	70	2109	5
		<<Min: 149.2 - 151.04 5% goethite>> in fault primarily, not much MN	144.95	145.96	1.01	1902737	0.005	2.9	45	731	-3
		<<Alt: 142.4 - 151.04 weak to moderate Sericite>> looks antithetic to SI, groundmass, interstital	145.96	147.15	1.19	1902738	-0.005	4.6	112	390	-3
		<<Alt: 142.4 - 159.97 weak to moderate Silicification >> glassy sections wherever rock is not frac'd	147.15	148.28	1.13	1902739	-0.005	25	511	906	4
		<<Vein: 143.25 - 149.2 2% Iron Oxides 50 deg. >> GE and MN filling fracs, shears, bleeding into host, damage zone? Incipient Crackle bx'n	148.28	149.22	0.94	1902741	0.009	22.1	1511	1499	7
		<<Vein: 143.25 - 154 0.1% Goethite 45 deg. >> GE-MN veinlets, sheared.	149.22	149.72	0.50	1902742	0.012	3.9	105	389	4
		<<Vein: 146.3 - 147 1% Quartz 50 deg. >> granular QZ, poss CB, planar veins	149.72	151.04	1.32	1902743	0.008	2.6	168	432	-3
		<<Struc: 144.55 - 144.56 moderate to strong veinlet>> filled with GE-MN									
		<<Struc: 144.75 - 145.8 strong veinlet>> 5 cm, MN-GE vein									
		<<Struc: 147.05 - 147.06 weak to moderate Foliated>> weak lams in QRZT									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 148.75 - 148.76 moderate veinlet>> shear vein, GE-MN									
		<<Struc: 148.91 - 148.92 strong Veining - fracture fill>> series of MN filled fracs, widespread staining									
		<<Struc: 150.87 - 150.89 moderate to strong veinlet>> shear vein, GE-MN fill									
151.04	**154.25**	**BRXX Breccia Fault light grey**	151.04	152.10	1.06	1902744	0.011	7.3	334	1938	-3
		151.04 - 154.25: crackle bx'd QRZT, abdt MN, minor GE, in abundant fracs veinlets. Silic'd, also sericitic in gouge and broken sections.									
		<<Min: 151.04 - 154.25 5% Mn-oxides>> and selective replacement, heavy staining	152.10	153.10	1.00	1902745	0.026	19	1233	2211	-3
		<<Min: 151.04 - 154.25 1% goethite>> some gouge	153.10	154.25	1.15	1902746	0.006	8.4	507	2725	-3
		<<Vein: 153.8 - 156.61 1% Quartz 30 deg. >>									
		<<Vein: 154 - 155.75 85% Manganese 60 deg. >> massive MN-GE vein, bx'd, leached,									
		<<Struc: 152.11 - 152.13 weak to moderate fault>> bx'd, irregular contact									
		<<Struc: 152.8 - 152.84 moderate to strong Veining - fracture fill>> PL vein, 0.5 cm, bx'd margins									
		<<Struc: 153.24 - 153.25 moderate veinlet>> shear vein, GE minor MN									
154.25	**155.75**	**VNCB Carbonate Vein black**	154.25	155.75	1.50	1902747	0.06	57.7	1400	16700	4
		154.25 - 155.75: massive, leached vein of PL and GE,									
		<<Min: 154.25 - 155.75 60% Mn-oxides>> weak banding, patchy									
		<<Min: 154.25 - 155.75 30% goethite>> infill in MN, minor shear veins?, bands									
		<<Struc: 154.83 - 154.84 moderate shear>> GE band in massive PL vein									
155.75	**157.80**	**BRXX Breccia Fault banded grey and black**	155.75	156.40	0.65	1902748	0.044	8	1649	2560	-3
		155.75 - 157.8: PHYL section to 156.4, crackle bx'd to bx'd, QRZT, abdt MN-GE in fracs and veins, VNCB from 157.12-157.35. Fault at base 10 cm sandy gouge.									
		<<Min: 155.75 - 156.43 2% goethite>> PHYL bed, not altered/veined	156.40	157.10	0.70	1902749	0.131	13.8	969	5544	-3
		<<Min: 156.43 - 157.8 15% Mn-oxides>> and fracs,	157.10	157.70	0.60	1902750	0.053	4.4	1379	6553	-3
		<<Min: 156.43 - 157.8 10% goethite>> fractures, bands, replacements	157.70	158.70	1.00	1902751	0.021	8.5	883	2456	-3
		<<Min: 157.35 - 157.43 90% goethite>> solid dark red-brown section, vein?, gound core both ends!									
		<<Vein: 156.7 - 163.2 10% Quartz-Carbonate 70 deg. >> leached cb									
		<<Struc: 155.92 - 155.93 moderate to strong Foliated>> narrow PHYL witihn bx zone									
		<<Struc: 156.86 - 156.89 strong Veining - fracture fill>> PL veincross cuts fol high angle									
		<<Struc: 157.66 - 157.8 strong fault gouge>> sandy gouge, bottoms mineralized zone									
157.80	**159.97**	**QRZT Quartzite grey**	158.70	159.97	1.27	1902752	-0.005	1.7	111	432	-3
		157.8 - 159.97: rel homogeneous QRZT, meta-QV's common									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Min: 157.8 - 161.4 3% goethite>> local bands, fracs											
<<Struc: 159.32 - 159.33 moderate to strong Foliated>> or S1?											
159.97	**161.40**	**PHYL Phyllite black**	159.97	161.40	1.43	1902753	-0.005	1	82	1545	7
159.97 - 161.4: fissile, possibly weakly graphitic, CB layers											
<<Struc: 160.6 - 160.61 strong Foliated>> in PHYL, also second foliation visible locally, shallow angle											
161.40	**163.20**	**QRZT ca calcareous QRTZ grey**	161.40	163.22	1.82	1902754	-0.005	0.8	19	225	-3
161.4 - 163.2: thick bedded											
<<Min: 161.4 - 166.5 0.1% goethite>> genrally weak											
163.20	**165.12**	**FELS Felsic Dyke beige**									
163.2 - 165.12: aplite as above, MS alt'n bright green, small sericitic xenoliths, no AS											
<<Alt: 163.2 - 165.12 moderate to strong Sericite>> bright green mica, Cr or Ba mica?, groundmass is soft, sercitic,											
<<Struc: 163.26 - 163.28 moderate to strong upper contact>> dyke cont											
165.12	**168.22**	**QRZT ca calcareous QRTZ grey-brown**	166.12	167.43	1.31	1902755	-0.005	0.3	5	274	-3
165.12 - 168.22: minor bleaching along fracs adjacent to dyke, leaching of cal latyers and veins, GE in fracs, minor MN											
<<Min: 166.5 - 168.25 0.1% Mn-oxides>> lacal conc'ns, bleed into wall			167.43	168.22	0.79	1902756	-0.005	0.4	9	512	7
<<Min: 166.5 - 168.25 2% goethite>> in cal layers and veins											
<<Alt: 165.12 - 167.82 weak to moderate White mica (Sericite)>> locally coalesces to make pervasive bleaching											
<<Vein: 165.12 - 175.16 0.1% Quartz 17 deg. >>											
<<Vein: 165.12 - 175.16 1% Quartz-Carbonate 60 deg. >> CB leached out											
<<Struc: 165.65 - 165.66 moderate Foliated>>											
<<Struc: 167.3 - 167.31 moderate S1, compositional layering>> calcareous layer?											
168.22	**187.00**	**QRZT Quartzite grey**	168.22	169.12	0.90	1902757	-0.005	-0.3	7	82	-3
<<Min: 168.25 - 187 0.1% goethite>> minor pervasive in cal layers			175.00	176.50	1.50	1902758	-0.005	0.8	17	157	-3
<<Min: 175.16 - 177.8 1% pyrite>> folioform PY and diss'd blebs in dark PHYL bed			176.50	178.00	1.50	1902759	-0.005	0.7	18	203	-3
<<Vein: 175.16 - 187 0.1% Quartz 15 deg. >>											
<<Vein: 175.16 - 187 2% Quartz-Carbonate 60 deg. >>											
<<Struc: 168.7 - 168.75 moderate to strong veinlet>> shear/vein in QRZT											
<<Struc: 170.7 - 170.71 moderate to strong Veining - fracture fill>> 2mm QZ-CB											
<<Struc: 176.15 - 176.16 moderate to strong S1, compositional layering>> PHYL section											
<<Struc: 181.2 - 181.3 strong Veining - fracture fill>> 3mm QC vein, late, bleaching associated											
<<Struc: 183.4 - 183.41 strong S1, compositional layering>> calcareous layer											

Project: **Haldane** **Hole Number:** **HLD19-16**

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
End of Hole @ 187											

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GeoSpark Logger ~ Strip Log

Project: **Haldane** **Hole Number:** **HLD19-17**

Prospect:	Low-Middlecoff	Hole Type:	DD	Survey Type:	GPS	Logged By:	Ronan Geoghegan
Grid:	NAD83_Z8	Hole Diameter:		Survey By:	Jerome de Pasquale	Date Logging Start:	9/12/2019
UTM Easting:	456501	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	9/17/2019
UTM Northing:	7081970	Casing Pulled?:	YES	Dip:	-70	Drill Company:	NewAge
UTM Elev. (m):	1210	Casing Depth (m):	3.12	Length (m):	200	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	Haldane	Drill Started:	9/10/2019
Local Northing:		Cemented?:	NO	Core Storage Loc.:	Silver Trail Inn	Drill Completed:	9/14/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:		Parent Hole:	

This hole is drilled to test for A-Vein and B-Vein mineralization approximately 35 m down plunge (-70° S) from HLD19016, targeting high grade winze in the Lower Middlecoff adit. Anticipate Ewing Fault about 115 m, Middlecoff Zone about 115-140 m.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
19	-69	64.7	20	84.7	EZShot	Wayne Lupien	9/10/2019	58253	☑	
49	-69.9	64.5	20	84.5	EZShot	Wayne Lupien	9/11/2019	58272	☑	
79	-70	63.5	20	83.5	EZShot	Wayne Lupien	9/12/2019	58387	☑	
109	-70.7	62.8	20	82.8	EZShot	Wayne Lupien	9/12/2019	58129	☑	
139	-70.2	63.3	20	83.3	EZShot	Wayne Lupien	9/12/2019	58108	☑	
169	-70.2	62	20	82	EZShot	Wayne Lupien	9/13/2019	58308	☑	
200	-70.2	61.9	20	81.9	EZShot	Wayne Lupien	9/13/2019	58151	☑	

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5
0.00	**CASN**									
	0-3.12: Casing.									
	0-3.12:CASN									
5.00	**SCHS**									
	3.12 - 8.5: Oxidized medium grey foliated SCHS or PHYL with frequent boudinaged qz bands. Weak carbonate in bands (e.g. 5.2 m), moderate graphite along foliations. Moderate to strongly broken along foliations. Bottom meter consists of strongly oxidized and fractured qz. Part of fault damaged zone.									
10.00	**PHYL**									
	9 - 15.45: Dark grey to black graphitic phyllite. Well foliated. Moderately oxidized with oxidation occurring along foliations and fractures. Moderate to weak qz banding, often boudinaged.									

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

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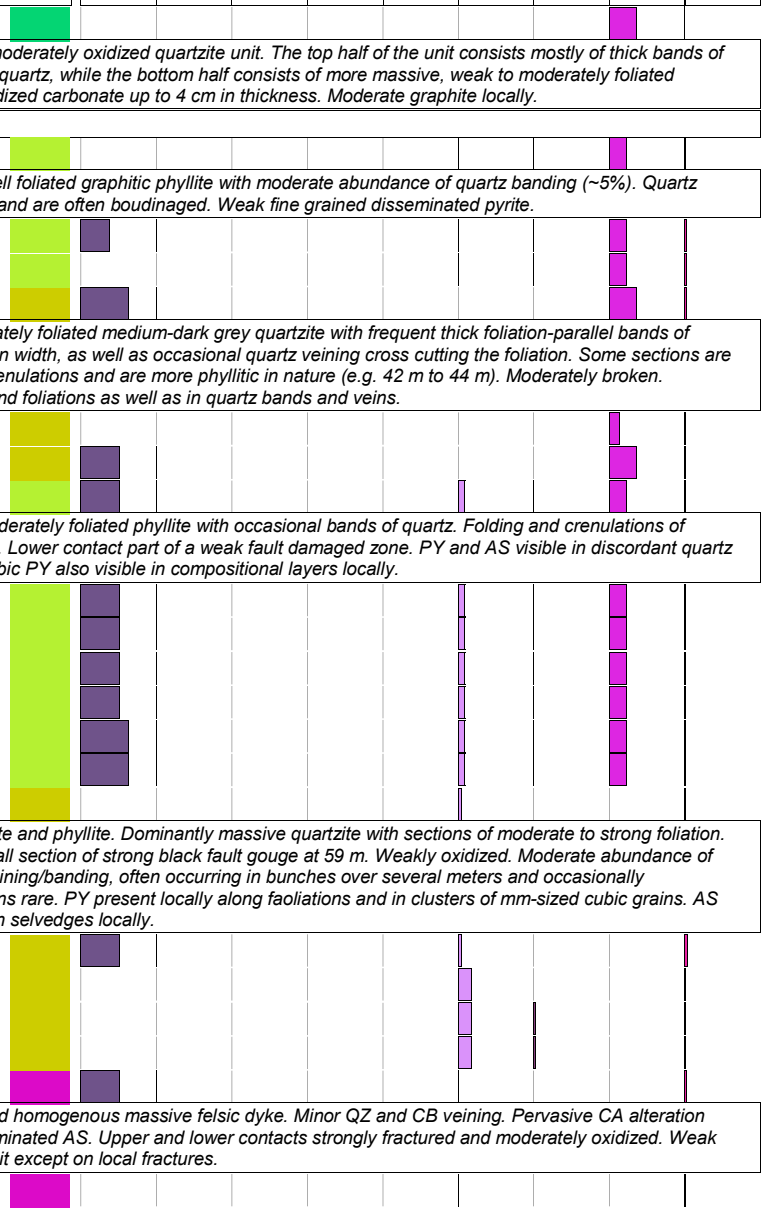
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-17



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
15.00	**QRZT**									
	15.45-19.36: Somewhat variable moderately oxidized quartzite unit. The top half of the unit consists mostly of thick bands of moderately fractured and oxidized quartz, while the bottom half consists of more massive, weak to moderately foliated quartzite with several bands of oxidized carbonate up to 4 cm in thickness. Moderate graphite locally.									
	15.45-19.36:QRZT									
20.00	**PHYL**									
	19.36 - 35.3: Dark grey to black well foliated graphitic phyllite with moderate abundance of quartz banding (~5%). Quartz bands are up to 5 cm in thickness and are often boudinaged. Weak fine grained disseminated pyrite.									
25.00										
30.00										
35.00	**QRZT phy**									
	35.3 - 50: Massive weak to moderately foliated medium-dark grey quartzite with frequent thick foliation-parallel bands of orangey-white quartz up to 30 cm in width, as well as occasional quartz veining cross cutting the foliation. Some sections are more strongly foliated with local crenulations and are more phyllitic in nature (e.g. 42 m to 44 m). Moderately broken. Oxidation occurs along fractures and foliations as well as in quartz bands and veins.									
40.00										
45.00										
50.00	**PHYL**	50.00	51.00	1.00	1902761	0.011	0.4	8	140	-3
	50 - 58.5: Medium to dark grey moderately foliated phyllite with occasional bands of quartz. Folding and crenulations of compositional layers visible locally. Lower contact part of a weak fault damaged zone. PY and AS visible in discordant quartz veins with clusters of mm-scale cubic PY also visible in compositional layers locally.									
		51.00	52.00	1.00	1902762	0.015	0.4	8	209	-3
		52.00	53.00	1.00	1902763	0.011	0.5	13	175	-3
		53.00	54.00	1.00	1902764	0.013	0.4	11	459	-3
		54.00	55.00	1.00	1902765	0.005	-0.3	8	147	-3
55.00		55.00	56.00	1.00	1902766	0.319	0.6	16	89	-3
		56.00	57.00	1.00	1902767	0.052	0.3	12	58	-3
60.00	**QRZT phy**									
	58.5 - 81.6: Mixed unit with quartzite and phyllite. Dominantly massive quartzite with sections of moderate to strong foliation. Upper contact is broken with a small section of strong black fault gouge at 59 m. Weakly oxidized. Moderate abundance of massive foliation-parallel quartz veining/banding, often occurring in bunches over several meters and occasionally boudinaged. Discordant quartz veins rare. PY present locally along faoliations and in clusters of mm-sized cubic grains. AS present along fractures and as vein selvedges locally.									
65.00										
70.00		74.70	75.50	0.80	1902768	0.009	0.4	8	144	-3
75.00										
		75.50	76.00	0.50	1902769	0.006	0.4	9	156	-3
80.00	**FELS**									
	81.6 - 89.1: Fine to medium grained homogenous massive felsic dyke. Minor QZ and CB veining. Pervasive CA alteration throughout most of the unit. Disseminated AS. Upper and lower contacts strongly fractured and moderately oxidized. Weak oxidation throughout majority of unit except on local fractures.									
85.00										

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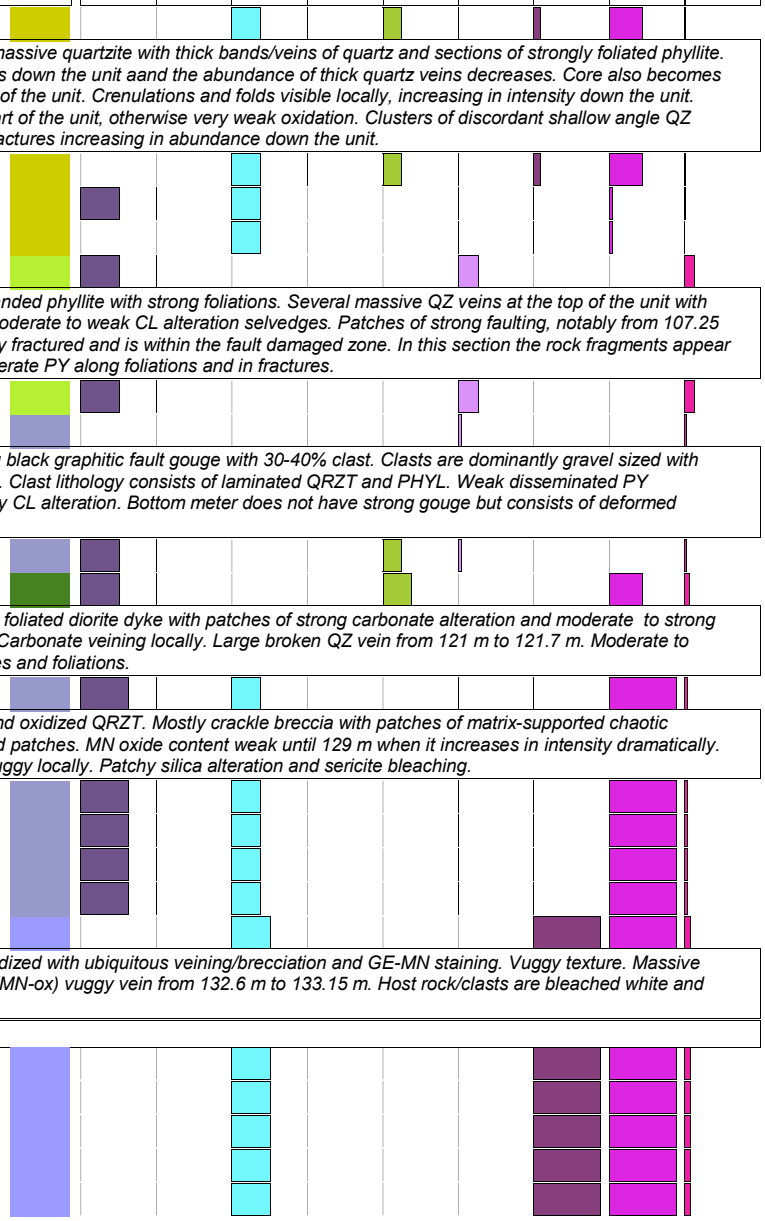
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-17



Depth (m)	Rocktype & Description / sub-intervals	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
90.00	**QRZT phy**	93.00	94.00	1.00	1902770	0.017	-0.3	7	236	-3
	89.1 - 104.05: Dark grey to black massive quartzite with thick bands/veins of quartz and sections of strongly foliated phyllite. Phyllite content gradually increases down the unit aand the abundance of thick quartz veins decreases. Core also becomes more graphitic towards the bottom of the unit. Crenulations and folds visible locally, increasing in intensity down the unit. Moderate oxidation in the upper part of the unit, otherwise very weak oxidation. Clusters of discordant shallow angle QZ veins. Network of QZ-filled microfractures increasing in abundance down the unit.	94.00	94.30	0.30	1902771	0.011	-0.3	5	157	-3
95.00										
100.00		104.85	105.50	0.65	1902772	0.025	2.4	188	296	-3
105.00	**PHYL**									
	104.05 - 110.5: Black and white banded phyllite with strong foliations. Several massive QZ veins at the top of the unit with moderate PY mineralization and moderate to weak CL alteration selvedges. Patches of strong faulting, notably from 107.25 m tp 107.5 m. Bottom 2 m is largely fractured and is within the fault damaged zone. In this section the rock fragments appear to be more competent QRZT. Moderate PY along foliations and in fractures.	105.50	106.50	1.00	1902773	0.012	0.7	16	352	-3
110.00	**FLTZ**	113.00	114.00	1.00	1902774	0.025	1.6	62	691	-3
	110.5 - 118.35: Ewing fault. Strong black graphitic fault gouge with 30-40% clast. Clasts are dominantly gravel sized with sections of pebble to cobble clasts. Clast lithology consists of laminated QRZT and PHYL. Weak disseminated PY throughout fault zone. Weak patchy CL alteration. Bottom meter does not have strong gouge but consists of deformed graphitic PHYL.									
115.00										
120.00	**DIOR**	124.00	125.00	1.00	1902775	0.04	7.7	2043	3907	4
	118.35 - 125: Moderate to strongly foliated diorite dyke with patches of strong carbonate alteration and moderate to strong chlorite alteration along foliations. Carbonate veining locally. Large broken QZ vein from 121 m to 121.7 m. Moderate to strong oxidation, GE along fractures and foliations.									
125.00	**BRXX**	125.00	126.00	1.00	1902776	0.192	80.1	14100	2000	11
	125 - 130.9: Strongly brecciated and oxidized QRZT. Mostly crackle breccia with patches of matrix-supported chaotic breccia. Strong GE in fractures and patches. MN oxide content weak until 129 m when it increases in intensity dramatically. Breccia matrix and fractures are vuggy locally. Patchy silica alteration and sericite bleaching.	126.00	127.00	1.00	1902777	0.145	28.8	6162	1719	11
		127.00	128.00	1.00	1902778	0.081	53.7	11200	2700	13
		128.00	129.00	1.00	1902779	0.109	70.4	20100	4800	24
		129.00	130.00	1.00	1902781	0.035	8.3	2639	5946	13
130.00	**VNCB**	130.00	130.90	0.90	1902782	0.007	2.7	510	2799	3
	130.9-133.15: A-Vein. Strongly oxidized with ubiquitous veining/brecciation and GE-MN staining. Vuggy texture. Massive very dark brown, heavily oxidized (MN-ox) vuggy vein from 132.6 m to 133.15 m. Host rock/clasts are bleached white and siliceous.									
	130.9-133.15:VNCB									
		130.90	131.70	0.80	1902783	0.019	15.9	1027	6543	16
		131.70	132.60	0.90	1902784	0.008	4	288	4529	7
		132.60	133.15	0.55	1902785	0.022	8.9	300	12400	9
		133.15	134.00	0.85	1902786	0.015	8.8	522	2077	-3
		134.00	135.00	1.00	1902787	-0.005	3.4	219	864	-3

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-17

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5
135.00	**QRZT**									
	133.15 - 141.5: Strongly fracture QRZT with local brecciation and vuggy textures. Core is strongly silicified and bleached, decreasing in intensity in the bottom 3 m. Strong MN and GE in patches. Foliation-parallel QZ veining increasing in bottom 3 m.									
140.00	**QRZT ca**									
	141.5 - 146.33: Medium grey and orange calcareous QRZT. Strongly oxidized with sections of moderate to strongly foliated phyllite up to 15 cm in width. Local faulting. Patchy silicification and bleaching (sericite?). MN oxide along foliations and fractures , increasing in intensity down the unit.									
145.00	**BRXX**									
	146.33 - 154.9: Brecciated and altered QRZT. Moderate to strong crackle breccia throughout most of the unit. Some sections are severely broken and have been reduced to angular rubble. Local faulting. Moderate silicification and bleaching in patches. MN oxide along breccia fractures and leaching in to host rock. Moderate to strong oxidation. Weak foliation limited to several small patches towards the bottom of the unit.									
	141.5-146.33:QRZT ca									
150.00										

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
135.00	136.00	1.00	1902788	-0.005	3.8	190	374	-3
136.00	136.90	0.90	1902789	-0.005	3.5	353	510	-3
136.90	137.40	0.50	1902790	0.008	1	214	2724	-3
137.40	138.01	0.61	1902791	0.007	6.5	797	593	-3
138.01	138.55	0.54	1902792	0.017	6.6	1151	2395	12
138.55	139.50	0.95	1902793	-0.005	1.2	204	282	-3
139.50	140.50	1.00	1902794	-0.005	-0.3	40	305	-3
140.50	141.50	1.00	1902795	-0.005	0.4	28	234	-3
141.50	142.30	0.80	1902796	-0.005	0.4	217	2211	-3
142.30	143.00	0.70	1902797	-0.005	0.4	44	779	-3
143.00	143.85	0.85	1902798	-0.005	0.8	275	1400	-3
143.85	144.60	0.75	1902799	0.02	2.8	425	5354	5
144.60	145.10	0.50	1902801	-0.005	-0.3	-3	689	-3
145.10	145.85	0.75	1902802	0.009	0.9	24	3550	6
145.85	146.33	0.48	1902803	0.005	-0.3	7	1769	-3
146.33	147.35	1.02	1902804	0.015	1.3	141	3089	9
148.00	149.00	1.00	1902805	0.017	3.4	492	2044	13
149.00	149.45	0.45	1902806	0.009	2.9	488	1740	4
149.45	150.30	0.85	1902807	0.011	0.9	106	488	-3
147.35	148.00	0.65	1902830	0.006	-0.3	106	4170	5
150.30	150.80	0.50	1902808	-0.005	0.8	86	1098	-3
150.80	152.00	1.20	1902809	-0.005	0.4	12	720	-3
152.00	153.20	1.20	1902810	0.007	0.9	84	1108	4
153.20	153.85	0.65	1902811	0.013	1.1	33	407	-3
153.85	154.90	1.05	1902812	-0.005	-0.3	56	251	-3

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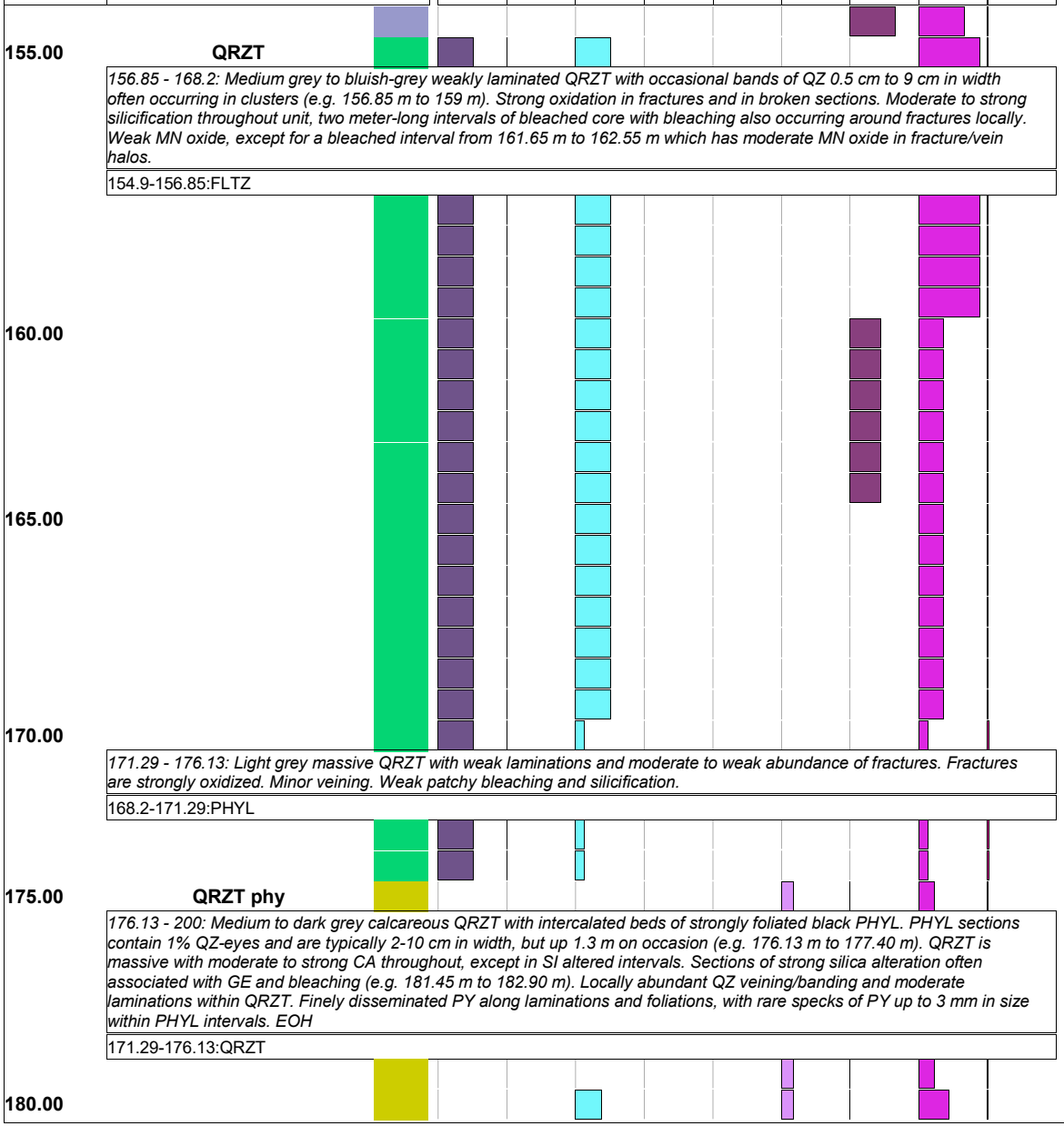
GeoSpark Logger ~ Strip Log

Project: Haldane **Hole Number:** HLD19-17



From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
154.90	155.60	0.70	1902813	0.041	1.8	617	1040	5
155.60	156.85	1.25	1902814	0.337	48.3	4749	7764	47
156.85	158.00	1.15	1902815	0.083	4.2	594	530	5
158.00	159.00	1.00	1902816	0.007	1.9	473	524	4
159.00	160.00	1.00	1902817	0.129	180	9413	4953	20
160.00	161.00	1.00	1902818	0.021	7.4	578	627	6
161.00	161.65	0.65	1902819	0.009	1.2	77	650	4
161.65	162.55	0.90	1902821	-0.005	0.6	64	1997	-3
162.55	163.20	0.65	1902822	-0.005	0.6	43	335	-3
163.20	164.15	0.95	1902823	-0.005	0.8	63	90	-3
164.15	165.10	0.95	1902824	-0.005	0.5	58	103	-3
165.10	165.76	0.66	1902825	-0.005	-0.3	62	143	-3
165.76	166.15	0.39	1902826	-0.005	-0.3	37	55	-3
166.15	167.10	0.95	1902827	-0.005	0.4	40	72	-3
167.10	168.20	1.10	1902828	-0.005	-0.3	31	66	-3
168.20	169.20	1.00	1902829	-0.005	0.6	23	564	-3
169.20	170.25	1.05	1902831	0.007	0.6	22	1144	3
170.25	171.29	1.04	1902832	-0.005	0.8	58	550	-3
171.29	172.30	1.01	1902833	-0.005	-0.3	141	186	-3
176.13	176.85	0.72	1902834	-0.005	0.6	14	2156	-3
176.85	177.47	0.62	1902835	-0.005	0.5	13	1424	-3
181.45	182.15	0.70	1902836	-0.005	0.3	19	155	-3

EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Strip Log

Project: **Haldane** **Hole Number:** **HLD19-17**

Depth (m)	Rocktype & Description / sub-intervals	VN Struct 0 7	SCH Struct 0 7	SI Alt 0 7	MS Alt 0 7	CL Alt 0 7	PY Min 0 10	MN Min 0 20	GE Min 0 20	Mag Sus 0 5
185.00										
190.00										
195.00										

End of Hole @ 200

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
182.15	182.90	0.75	1902837	-0.005	-0.3	9	274	-3
188.05	189.23	1.18	1902838	-0.005	-0.3	3	18	-3
199.05	200.00	0.95	1902839	-0.005	0.3	12	705	-3

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GeoSpark Logger ~ Drill Log

Project: **Haldane** **Hole Number:** **HLD19-17**

Prospect:	Low-Middlecoff	Hole Type:	DD	Survey Type:	GPS	Logged By:	Ronan Geoghegan
Grid:	NAD83_Z8	Hole Diameter:		Survey By:	Jerome de Pasquale	Date Logging Start:	9/12/2019
UTM Easting:	456501	Core Size:	HQ	Azimuth:	90	Date Logging Complete:	9/17/2019
UTM Northing:	7081970	Casing Pulled?:	YES	Dip:	-70	Drill Company:	NewAge
UTM Elev. (m):	1210	Casing Depth (m):	3.12	Length (m):	200	Drill Rig:	Disc1
Local Easting:		Stored?:	YES	Claims Title:	Haldane	Drill Started:	9/10/2019
Local Northing:		Cemented?:	NO	Core Storage Loc.:	Silver Trail Inn	Drill Completed:	9/14/2019
Local Elev. (m):				Hole Completed?:		Purpose:	Expln
Comments:				Proposed ID:		Parent Hole:	

This hole is drilled to test for A-Vein and B-Vein mineralization approximately 35 m down plunge (-70° S) from HLD19016, targeting high grade winze in the Lower Middlecoff adit. Anticipate Ewing Fault about 115 m, Middlecoff Zone about 115-140 m.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
19	-69	64.7	20	84.7	EZShot	Wayne Lupien	9/10/2019	58253	☑	
49	-69.9	64.5	20	84.5	EZShot	Wayne Lupien	9/11/2019	58272	☑	
79	-70	63.5	20	83.5	EZShot	Wayne Lupien	9/12/2019	58387	☑	
109	-70.7	62.8	20	82.8	EZShot	Wayne Lupien	9/12/2019	58129	☑	
139	-70.2	63.3	20	83.3	EZShot	Wayne Lupien	9/12/2019	58108	☑	
169	-70.2	62	20	82	EZShot	Wayne Lupien	9/13/2019	58308	☑	
200	-70.2	61.9	20	81.9	EZShot	Wayne Lupien	9/13/2019	58151	☑	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

0.00 3.12 CASN Casing

0 - 3.12: Casing.

3.12 8.50 SCHS Schist grey

3.12 - 8.5: Oxidized medium grey foliated SCHS or PHYL with frequent boudinaged qz bands. Weak carbonate in bands (e.g. 5.2 m), moderate graphite along foliations. Moderate to strongly broken along foliations. Bottom meter consists of strongly oxidized and fractured qz. Part of fault damaged zone.

<<Min: 3.12 - 7 10% goethite>> GE/LI oxidation along fractures and foliations.

<<Min: 7 - 8.5 20% goethite>> Strong GE/LI oxidation along fractures through broken quartz zone, and in foliations at top of interval.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm

<<Vein: 3.12 - 8.5 25% Quartz 65 deg. >> Boudinaged quartz veins, often vuggy due to leaching.

8.50 9.00 FLTZ Fault Zone black

8.5 - 9: Strong fault gouge with pebble sized clasts of core. Black colour.

9.00 15.45 PHYL Phyllite black

9 - 15.45: Dark grey to black graphitic phyllite. Well foliated. Moderately oxidized with oxidation occurring along foliations and fractures. Moderate to weak qz banding, often boudinaged.

<<Min: 9 - 15.45 5% goethite>> GE/LI oxidation along discordant fractures and locally along foliations.

<<Vein: 9 - 15.45 10% Quartz 80 deg. >> Boudinaged quartz veins.

<<Struc: 12.7 - 12.7 moderate to strong Foliated>> Clear foliation within graphitic phyllite.

<<Struc: 14.6 - 14.6 moderate to strong Crenulation cleavage>> Crenulation within graphitic phyllite.

15.45 19.36 QRZT Quartzite grey

15.45 - 19.36: Somewhat variable moderately oxidized quartzite unit. The top half of the unit consists mostly of thick bands of moderately fractured and oxidized quartz, while the bottom half consists of more massive, weak to moderately foliated quartzite with several bands of oxidized carbonate up to 4 cm in thickness. Moderate graphite locally.

<<Min: 15.45 - 19.36 8% goethite>> GE/LI oxidation in patches in Qz veins as well as in bands with carbonate and along discordant fractures.

<<Vein: 15.45 - 17 50% Quartz>> Several thick quartz veins that appear parallel to foliation, one of which is strongly oxidized and vuggy, as well as several smaller irregular veinlets <1 cm in thickness that crosscut foliation.

<<Vein: 17 - 19.36 1% Quartz 15 deg. >> Several low angle quartz veinlets crosscutting foliation at 10-20 dtca, occasionally following along crenulations.

<<Struc: 18.72 - 18.72 moderate S1, compositional layering>> Possible S1 observed between weathered carbonate layer and weakly foliated quartzite.

19.36 35.30 PHYL Phyllite black

19.36 - 35.3: Dark grey to black well foliated graphitic phyllite with moderate abundance of quartz banding (~5%). Quartz bands are up to 5 cm in thickness and are often boudinaged. Weak fine grained disseminated pyrite.

<<Min: 19.36 - 35.5 0.1% pyrite>> Disseminated PY as sporadic mm-sized cubic grains as well as occasionally as clusters around boudinaged quartz (e.g. at 31.80 m).

<<Min: 19.36 - 35.5 5% goethite>> GE/LI oxidation along discordant fractures and locally along foliations.

<<Vein: 19.36 - 35.5 5% Quartz 65 deg. >> Moderate abundance of foliation parallel quartz veins 0.5 cm to 5 cm in thickness, often boudinaged.

<<Struc: 21.65 - 21.65 moderate Fractured>> Discordant fracture perpendicular to foliation.

<<Struc: 23.65 - 23.65 moderate to strong Foliated>> Clear foliation within graphitic phyllite.

<<Struc: 25.65 - 25.66 moderate Veining - fracture fill>> Quartz band/vein parallel to local foliation.

<<Struc: 30.8 - 30.8 moderate to strong Foliated>> Clear foliation within graphitic phyllite.

From (m)	To (m)	Rocktype & Description
35.30	**50.00**	**QRZT phy interbedded Quartzite over grey phyllite**
		35.3 - 50: Massive weak to moderately foliated medium-dark grey quartzite with frequent thick foliation-parallel bands of orangey-white quartz up to 30 cm in width, as well as occasional quartz veining cross cutting the foliation. Some sections are more strongly foliated with local crenulations and are more phyllitic in nature (e.g. 42 m to 44 m). Moderately broken. Oxidation occurs along fractures and foliations as well as in quartz bands and veins.
		<<Min: 35.5 - 42 8% goethite>> GE/LI oxidation along discordant fractures and within massive quartz veins/bands, as well as occasionally along foliations.
		<<Min: 42 - 46 3% goethite>> Weak GE/LI along foliations and within quartz bands/veins.
		<<Min: 46 - 50 8% goethite>> GE/LI oxidation along discordant fractures and within massive quartz veins/bands, as well as occasionally along foliations.
		<<Vein: 35.5 - 50 15% Quartz 65 deg. >> An abundance of thick foliation parallel veins, as well as several thin (0.5-2 cm) veinlets that crosscut foliation at ~15 dtca.
		<<Struc: 38.25 - 38.25 moderate S1, compositional layering>>
		<<Struc: 38.35 - 38.35 strong Veining - fracture fill>> One cm quartz vein cross cutting massive quartzite.
		<<Struc: 39.06 - 39.07 strong Veining - fracture fill>> 5 mm quartz vein sub parallel to S1.
		<<Struc: 40.2 - 40.2 moderate to strong Fractured>> Strongly oxidized discordant fracture.
		<<Struc: 40.85 - 40.85 weak to moderate S1, compositional layering>> Possible S1 measured on quartz layer
		<<Struc: 45.8 - 45.8 moderate to strong Veining - fracture fill>> Discordant quartz vein, 1 cm thickness.
		<<Struc: 45.9 - 45.9 moderate S1, compositional layering>>
		<<Struc: 46.03 - 46.03 moderate to strong Foliated>> Small distinct band of foliated phyllite within quartzite.
50.00	**58.50**	**PHYL Phyllite grey**
		50 - 58.5: Medium to dark grey moderately foliated phyllite with occasional bands of quartz. Folding and crenulations of compositional layers visible locally. Lower contact part of a weak fault damaged zone. PY and AS visible in discordant quartz veins with clusters of mm-scale cubic PY also visible in compositional layers locally.
		<<Min: 50 - 58.5 1% pyrite>> Py present as clusters of mm-sized cubic grains, as well as weakly in QAS veins and occasionally along foliations.
		<<Min: 50 - 58.5 5% goethite>> Patchy GE/LI oxidation in sections of broken core.
		<<Min: 50 - 58.5 1% arsenopyrite>> Specks of AS in Qz veins.
		<<Alt: 54 - 58.5 weak to moderate Calcite>> Patchy carbonate alteration within beds and occasionally along fractures.
		<<Vein: 50 - 58.5 3% Quartz 65 deg. >> Foliation-parallel veins/bands.
		<<Vein: 50 - 58.5 3% Quartz-Arsenopyrite 25 deg. >> Several discordant QZ-AS veins with minor PY 0.5-1.5 cm in width. Veins are mostly QZ with ~5% AS in 2-3 mm sized specks.
		<<Struc: 50.05 - 50.05 weak to moderate S1, compositional layering>> Possible S1
		<<Struc: 51 - 51 moderate to strong Veining - fracture fill>> Discordant quartz vein, 5 mm thickness.
		<<Struc: 52.99 - 52.99 moderate to strong Crenulation cleavage>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
50.00	51.00	1.00	1902761	0.011	0.4	8	140	-3
51.00	52.00	1.00	1902762	0.015	0.4	8	209	-3
52.00	53.00	1.00	1902763	0.011	0.5	13	175	-3
53.00	54.00	1.00	1902764	0.013	0.4	11	459	-3
54.00	55.00	1.00	1902765	0.005	-0.3	8	147	-3
55.00	56.00	1.00	1902766	0.319	0.6	16	89	-3
56.00	57.00	1.00	1902767	0.052	0.3	12	58	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 54.84 - 54.84 strong Fold Axis>> Very clear fold in compositional layers.									
		<<Struc: 55.3 - 55.3 moderate S1, compositional layering>>									
		<<Struc: 56 - 56 strong Veining - fracture fill>> 5 mm Qz vein with AS inclusions.									
		<<Struc: 57.3 - 57.3 moderate to strong Foliated>>									
58.50	**81.60**	**QRZT phy interbedded Quartzite over phyllite grey**	74.70	75.50	0.80	1902768	0.009	0.4	8	144	-3
		58.5 - 81.6: Mixed unit with quartzite and phyllite. Dominantly massive quartzite with sections of moderate to strong foliation. Upper contact is broken with a small section of strong black fault gouge at 59 m. Weakly oxidized. Moderate abundance of massive foliation-parallel quartz veining/banding, often occurring in bunches over several meters and occasionally boudinaged. Discordant quartz veins rare. PY present locally along faoliations and in clusters of mm-sized cubic grains. AS present along fractures and as vein selvedges locally.									
		<<Min: 58.5 - 71 0.5% pyrite>> Rare clusters of cubic PY with PY also present along foliations locally.	75.50	76.00	0.50	1902769	0.006	0.4	9	156	-3
		<<Min: 71 - 81.6 2% pyrite>> PY present along foliations and in clusters of cubic PY locally.									
		<<Min: 74 - 76 1% arsenopyrite>> AS present along fractures and in vein selvedges of discordant QZ veins.									
		<<Min: 75.5 - 76 0.5% pyrolusite>> Possible PL in 10 cm QZ band at 75.55 m. Dark greyish-purple metallic lustre, soft.									
		<<Alt: 58.5 - 68 weak Calcite>> Weak Ca along fractures.									
		<<Alt: 79 - 81.6 weak to moderate Calcite>> Patchy carbonate alteration within beds.									
		<<Vein: 58.5 - 81.6 10% Quartz 60 deg. >> Moderate abundance of foliation-parallel QZ veins/bands, 1 cm to 20 cm in thickness, often occurring in bunches and occasionally boudinaged.									
		<<Vein: 74 - 76 1% Quartz-Arsenopyrite 20 deg. >> Low-angle discordant QZ veins with minor AS in selvedge and within vein-parallel fractures.									
		<<Struc: 59 - 59.1 strong fault gouge>> Strong black fault gouge.									
		<<Struc: 61.36 - 61.36 moderate S1, compositional layering>>									
		<<Struc: 65.2 - 65.22 moderate to strong Veining - fracture fill>>									
		<<Struc: 65.87 - 65.87 strong Foliated>> Small section of strong foliation.									
		<<Struc: 69.67 - 69.67 moderate to strong S1, compositional layering>> S1 measured on carbonate bed in section of massive quartzite.									
		<<Struc: 71.65 - 71.65 moderate Foliated>>									
		<<Struc: 74.87 - 74.87 moderate to strong Fractured>> Fracture with AS coating, parallel to proximal QZ-AS vein.									
		<<Struc: 75.97 - 75.97 moderate to strong Crenulation cleavage>>									
		<<Struc: 76.68 - 76.68 moderate Foliated>>									
		<<Struc: 79.3 - 79.3 strong S1, compositional layering>> S1 measured on thick carbonate bed in section of massive quartzite.									
		<<Struc: 80.71 - 80.71 moderate to strong Fold Axis>> Fold axis visible in calcareous layer.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
81.60	**89.10**	**FELS Felsic Dyke beige**									
81.6 - 89.1: Fine to medium grained homogenous massive felsic dyke. Minor QZ and CB veining. Pervasive CA alteration throughout most of the unit. Disseminated AS. Upper and lower contacts strongly fractured and moderately oxidized. Weak oxidation throughout majority of unit except on local fractures.											
<<Min: 81.6 - 89.1 0.1% pyrite>> Rare specks of PY.											
<<Min: 81.6 - 89.1 3% arsenopyrite>> Abundant laths of disseminated AS, 1-3 mm in size.											
<<Min: 89 - 96.3 10% goethite>> GE/LI oxidation in patches and fractures.											
<<Alt: 81.6 - 89.1 moderate to strong Calcite>> Pervasive disseminated CA alteration throughout the majority of the unit.											
<<Vein: 81.6 - 89.1 0.1% Calcium carbonate/Carbonate 5 deg. >> Several CA/CB stringers sub-parallel tca.											
<<Vein: 84 - 85 1% Quartz-Arsenopyrite 30 deg. >> One QZ-AS veinlet.											
<<Struc: 82.4 - 82.4 moderate to strong Fractured>> Moderately oxidized fracture.											
<<Struc: 83.8 - 83.8 moderate to strong Fractured>> Moderately oxidized fracture.											
<<Struc: 84.4 - 84.41 moderate to strong Veining - fracture fill>> QAS veinlet.											
89.10	**104.05**	**QRZT phy interbedded Quartzite over phyllite black**	93.00	94.00	1.00	1902770	0.017	-0.3	7	236	-3
89.1 - 104.05: Dark grey to black massive quartzite with thick bands/veins of quartz and sections of strongly foliated phyllite. Phyllite content gradually increases down the unit aand the abundance of thick quartz veins decreases. Core also becomes more graphitic towards the bottom of the unit. Crenulations and folds visible locally, increasing in intensity down the unit. Moderate oxidation in the upper part of the unit, otherwise very weak oxidation. Clusters of discordant shallow angle QZ veins. Network of QZ-filled microfractures increasing in abundance down the unit.											
<<Min: 93 - 95 2% pyrolusite>> PL in vein selvedges.			94.00	94.30	0.30	1902771	0.011	-0.3	5	157	-3
<<Min: 96.3 - 104.1 0.1% pyrite>> Trace PY disseminated along foliations and in fractures.											
<<Min: 96.3 - 104.1 1% goethite>> Weak to very weak GE/LI on fractures.											
<<Alt: 89.1 - 104.05 moderate Silicification >> Patchy silica alteration in competent sections of core.											
<<Alt: 92 - 95 weak to moderate Chlorite >> Weak CL in fractures within massive QZ veins.											
<<Vein: 89.1 - 96.3 25% Quartz 70 deg. >> Thick foliation parallel Qz veins, moderately oxidized, 1-15 cm in width. Occasional discordant Qz vein, notably 94.3 m to 96.3 m (3%, 20 dtca).											
<<Vein: 96.3 - 104.05 20% Quartz 75 deg. >> Thick foliation parallel Qz, 1-10 cm in width. Occasional discordant Qz veins and local stockwork veining.											
<<Struc: 90.35 - 90.35 strong S1, compositional layering>> Clear S1.											
<<Struc: 91.7 - 91.7 strong S1, compositional layering>>											
<<Struc: 92.3 - 92.3 moderate to strong Fold Axis>>											
<<Struc: 95.05 - 95.05 moderate to strong Veining - fracture fill>> 2 mm discordant veinlet.											
<<Struc: 96.4 - 96.4 moderate to strong Crenulation cleavage>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 98.65 - 98.65 moderate to strong Crenulation cleavage>>									
		<<Struc: 99.9 - 99.9 strong S1, compositional layering>>									
104.05	**110.50**	**PHYL Phyllite black**	104.85	105.50	0.65	1902772	0.025	2.4	188	296	-3
		104.05 - 110.5: Black and white banded phyllite with strong foliations. Several massive QZ veins at the top of the unit with moderate PY mineralization and moderate to weak CL alteration selvedges. Patches of strong faulting, notably from 107.25 m tp 107.5 m. Bottom 2 m is largely fractured and is within the fault damaged zone. In this section the rock fragments appear to be more competent QRZT. Moderate PY along foliations and in fractures.									
		<<Min: 104.1 - 110.5 3% pyrite>> Moderate PY along foliations and in fractures, decreasing in intensity in the bottom 2 m of the interval.	105.50	106.50	1.00	1902773	0.012	0.7	16	352	-3
		<<Alt: 104.05 - 106 weak Chlorite >> Weak CL in vein selvedges of QZ veins.									
		<<Vein: 104.05 - 106.5 20% Quartz 70 deg. >> Several massive veins up to 30 cm in width at the top of the interval followed by an abundance of smaller (1-2cm) veins towards the bottom of the interval.									
		<<Vein: 106.5 - 110.5 8% Quartz 65 deg. >> Vein count decreases towards the bottom of the unit.									
		<<Struc: 104.1 - 104.1 moderate Foliated>>									
		<<Struc: 106.45 - 106.45 moderate to strong Veining - fracture fill>> PY-filled fracture.									
		<<Struc: 107 - 107 strong Foliated>>									
		<<Struc: 107.25 - 107.5 strong fault gouge>>									
		<<Struc: 109.1 - 109.1 moderate Kink bands>>									
110.50	**118.35**	**FLTZ Fault Zone black**	113.00	114.00	1.00	1902774	0.025	1.6	62	691	-3
		110.5 - 118.35: Ewing fault. Strong black graphitic fault gouge with 30-40% clast. Clasts are dominantly gravel sized with sections of pebble to cobble clasts. Clast lithology consists of laminated QRZT and PHYL. Weak disseminated PY throughout fault zone. Weak patchy CL alteration. Bottom meter does not have strong gouge but consists of deformed graphitic PHYL.									
		<<Min: 110.5 - 118.35 0.5% pyrite>> Fine grained disseminated PY throughout fault zone.									
		<<Alt: 114 - 118 weak to moderate Chlorite >> Weak CL in patches of gouge.									
118.35	**125.00**	**DIOR Diorite grey-green**	124.00	125.00	1.00	1902775	0.04	7.7	2043	3907	4
		118.35 - 125: Moderate to strongly foliated diorite dyke with patches of strong carbonate alteration and moderate to strong chlorite alteration along foliations. Carbonate veining locally. Large broken QZ vein from 121 m to 121.7 m. Moderate to strong oxidation, GE along fractures and foliations.									
		<<Min: 118.35 - 125 10% goethite>> Moderate GE in patches and along fractures and foliations.									
		<<Alt: 118.35 - 125 moderate Chlorite >> Strong CL along foliations and within QZ veins.									
		<<Alt: 118.35 - 125 moderate Fe-Carbonate>> Patches of strong carbonated alteration.									
		<<Vein: 118.35 - 125 2% Calcium carbonate/Carbonate 20 deg. >> Thin carbonate veinlets and vein fragments, some of which are bright white CA, and some of which are strongly oxidized and have a buff/orange colour.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 118.35 - 118.35 moderate contact>> Clear contact between deformed graphitic phyllite proximal to Ewing fault and oxidized DIOR.									
		<<Struc: 119.6 - 119.6 moderate to strong Veining - fracture fill>> Discordant CB-GE veinlet.									
		<<Struc: 120.1 - 120.1 strong Foliated>>									
		<<Struc: 122.45 - 122.45 moderate to strong Veining - fracture fill>> Discordant CA veinlet.									
125.00	**130.90**	**BRXX Breccia Fault orange**	125.00	126.00	1.00	1902776	0.192	80.1	14100	2000	11
		125 - 130.9: Strongly brecciated and oxidized QRZT. Mostly crackle breccia with patches of matrix-supported chaotic breccia. Strong GE in fractures and patches. MN oxide content weak until 129 m when it increases in intensity dramatically. Breccia matrix and fractures are vuggy locally. Patchy silica alteration and sericite bleaching.									
		<<Min: 125 - 130.9 0.1% pyrite>> Rare specks of PY.	126.00	127.00	1.00	1902777	0.145	28.8	6162	1719	11
		<<Min: 125 - 130.9 40% goethite>> Strong GE/LI in breccia fractures and matrix.	127.00	128.00	1.00	1902778	0.081	53.7	11200	2700	13
		<<Min: 128 - 129 1% galena>> 2 cm sized bleb of GL at 128.35 m.	128.00	129.00	1.00	1902779	0.109	70.4	20100	4800	24
		<<Min: 129 - 130.9 30% Mn-oxides>> Strong MN oxides in patches and leaching from fractures.	129.00	130.00	1.00	1902781	0.035	8.3	2639	5946	13
		<<Alt: 125 - 129 moderate Silicification >> Patches of strong SI alteration.	130.00	130.90	0.90	1902782	0.007	2.7	510	2799	3
		<<Alt: 129 - 130.9 moderate White mica (Sericite)>> Patches of strong bleaching.									
		<<Alt: 129 - 130.9 moderate to strong Silicification >> Texturally destructive SI alteration locally, strong SI throughout.									
		<<Vein: 125 - 129 20% Quartz 75 deg. >> Several massive QZ veins identifiable through brecciation, as well as several smaller discordant QZ veins up to 1 cm in thickness.									
		<<Struc: 126.35 - 126.35 strong Veining - fracture fill>> Vuggy QZ/GE-filled fracture. Dominant fracture orientation within breccia.									
130.90	**133.15**	**VNCB Carbonate Vein dark brown**	130.90	131.70	0.80	1902783	0.019	15.9	1027	6543	16
		130.9 - 133.15: A-Vein. Strongly oxidized with ubiquitous veining/brecciation and GE-MN staining. Vuggy texture. Massive very dark brown, heavily oxidized (MN-ox) vuggy vein from 132.6 m to 133.15 m. Host rock/clasts are bleached white and siliceous.									
		<<Min: 130.9 - 133.15 40% Mn-oxides>> Strong MN in massive A vein, as well as in smaller associated veins and leaching in to host rock around fractures.	131.70	132.60	0.90	1902784	0.008	4	288	4529	7
		<<Min: 130.9 - 133.15 25% goethite>> Strong GE/LI in patches and fractures	132.60	133.15	0.55	1902785	0.022	8.9	300	12400	9
		<<Alt: 130.9 - 133.15 moderate White mica (Sericite)>> Clasts in breccia/vein zone heavily bleached.									
		<<Alt: 130.9 - 133.15 moderate to strong Silicification >> Strong SI alteration in host rock clasts.									
		<<Vein: 130.9 - 133.15 70% Iron Oxides>> Massive 55 cm vuggy extensional vein with an abundance of related veins/fractures.									
133.15	**141.50**	**QRZT Quartzite beige**	133.15	134.00	0.85	1902786	0.015	8.8	522	2077	-3
		133.15 - 141.5: Strongly fracture QRZT with local brecciation and vuggy textures. Core is strongly silicified and bleached, decreasing in intensity in the bottom 3 m. Strong MN and GE in patches. Foliation-parallel QZ veining increasing in bottom 3 m.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Min: 133.15 - 138.5 25% Mn-oxides>> Strong MN in patches and fractures.	134.00	135.00	1.00	1902787	-0.005	3.4	219	864	-3
		<<Min: 133.15 - 138.5 10% goethite>> GE in fractures and leaching in to host rock from fractures.	135.00	136.00	1.00	1902788	-0.005	3.8	190	374	-3
		<<Min: 138.5 - 141.5 5% galena>>	136.00	136.90	0.90	1902789	-0.005	3.5	353	510	-3
		<<Alt: 133.15 - 138.5 moderate to strong White mica (Sericite)>> Core strongly bleached throughout interval.	136.90	137.40	0.50	1902790	0.008	1	214	2724	-3
		<<Alt: 133.15 - 138.5 moderate to strong Silicification >> Strong SI alteration throughout interval.	137.40	138.01	0.61	1902791	0.007	6.5	797	593	-3
		<<Alt: 138.5 - 141.5 moderate Silicification >> Patchy SI alteration through more weakly oxidized and fractured section.	138.01	138.55	0.54	1902792	0.017	6.6	1151	2395	12
		<<Vein: 133.15 - 138.5 5% Quartz 70 deg. >>	138.55	139.50	0.95	1902793	-0.005	1.2	204	282	-3
		<<Vein: 138.5 - 141.5 15% Quartz 65 deg. >>	139.50	140.50	1.00	1902794	-0.005	-0.3	40	305	-3
		<<Struc: 133.8 - 133.8 weak to moderate Foliated>> Bleached/altered core, difficult to determine if S1 or FOL.	140.50	141.50	1.00	1902795	-0.005	0.4	28	234	-3
		<<Struc: 135.45 - 135.45 moderate to strong Veining - fracture fill>> QZ vein.									
		<<Struc: 136.4 - 136.4 moderate S1, compositional layering>> Probable S1, perpendicular to dominant QZ vein orientation.									
		<<Struc: 137.9 - 137.9 moderate to strong Veining - fracture fill>> QZ vein.									
141.50	**146.33**	**QRZT ca calcareous QRTZ orange**	141.50	142.30	0.80	1902796	-0.005	0.4	217	2211	-3
		141.5 - 146.33: Medium grey and orange calcareous QRZT. Strongly oxidized with sections of moderate to strongly foliated phyllite up to 15 cm in width. Local faulting. Patchy silicification and bleaching (sericite?). MN oxide along foliations and fractures , increasing in intensity down the unit.									
		<<Min: 141.5 - 146.33 5% Mn-oxides>> Moderate MN in small patches bleeding out from fractures, increasing in intensity down the unit.	142.30	143.00	0.70	1902797	-0.005	0.4	44	779	-3
		<<Min: 141.5 - 146.33 5% hematite>> Patches of HE along foliations.	143.00	143.85	0.85	1902798	-0.005	0.8	275	1400	-3
		<<Min: 141.5 - 146.33 15% goethite>> Patches of strong GE/LI oxidation, as well as along fractures and foliations.	143.85	144.60	0.75	1902799	0.02	2.8	425	5354	5
		<<Alt: 141.5 - 146.33 weak to moderate Silicification >>	144.60	145.10	0.50	1902801	-0.005	-0.3	-3	689	-3
		<<Alt: 141.5 - 152 moderate White mica (Sericite)>> Patches of strongly bleached core up to 35 cm in width.	145.10	145.85	0.75	1902802	0.009	0.9	24	3550	6
		<<Vein: 141.5 - 146.33 3% Quartz 65 deg. >>	145.85	146.33	0.48	1902803	0.005	-0.3	7	1769	-3
		<<Struc: 141.5 - 141.5 moderate Foliated>>									
		<<Struc: 142.35 - 142.35 moderate to strong Foliated>> Section of moderate to strong foliation with QZ eyes.									
		<<Struc: 142.45 - 142.45 moderate to strong Fractured>> Strongly oxidized discrodant fractures.									
		<<Struc: 144 - 144.1 moderate to strong fault gouge>> Small strongly oxidized fault gouge.									
		<<Struc: 145.3 - 145.4 moderate fault>> Small fault.									
		<<Struc: 146.02 - 146.02 moderate S1, compositional layering>>									
146.33	**154.90**	**BRXX Breccia Fault orange**	146.33	147.35	1.02	1902804	0.015	1.3	141	3089	9
		146.33 - 154.9: Brecciated and altered QRZT. Moderate to strong crackle breccia throughout most of the unit. Some sections are severely broken and have been reduced to angular rubble. Local faulting. Moderate silicification and bleaching in patches. MN oxide along breccia fractures and leaching in to host rock. Moderate to strong oxidation. Weak foliation limited to several small patches towards the bottom of the unit.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
<<Min: 146.33 - 152 10% Mn-oxides>> MN in breccia fractures and bleeding in to fracture halos.			147.35	148.00	0.65	1902830	0.006	-0.3	106	4170	5
<<Min: 146.33 - 154.9 15% goethite>> Strong GE/LI in patches, along fractures and within local fault zones.			148.00	149.00	1.00	1902805	0.017	3.4	492	2044	13
<<Min: 152.55 - 163.12 2% hematite>> Strong HE on some fractures.			149.00	149.45	0.45	1902806	0.009	2.9	488	1740	4
<<Min: 153.2 - 153.85 15% Mn-oxides>> MN along FOL.			149.45	150.30	0.85	1902807	0.011	0.9	106	488	-3
<<Min: 153.2 - 153.85 5% hematite>> HE along FOL.			150.30	150.80	0.50	1902808	-0.005	0.8	86	1098	-3
<<Alt: 146.33 - 152 moderate Silicification >>			150.80	152.00	1.20	1902809	-0.005	0.4	12	720	-3
<<Vein: 146.33 - 154.9 2% Quartz 75 deg. >>			152.00	153.20	1.20	1902810	0.007	0.9	84	1108	4
<<Struc: 146.33 - 146.33 weak shear>> Possible shear surface indicating fault orientation.			153.20	153.85	0.65	1902811	0.013	1.1	33	407	-3
<<Struc: 147.65 - 147.65 weak to moderate S1, compositional layering>> Probable S1, possible FOL.			153.85	154.90	1.05	1902812	-0.005	-0.3	56	251	-3
<<Struc: 151.4 - 151.4 moderate to strong Fractured>> Fracture with MN staining. Dominant fracture orientation locally											
<<Struc: 153.75 - 153.75 moderate to strong Foliated>> Small section of strong foliation.											
154.90	**156.85**	**FLTZ Fault Zone orange**	154.90	155.60	0.70	1902813	0.041	1.8	617	1040	5
154.9 - 156.85: Strong gougey fault zone with gravel to pebble sized clasts. Strongly oxidized.											
<<Min: 154.9 - 155.6 5% goethite>>			155.60	156.85	1.25	1902814	0.337	48.3	4749	7764	47
<<Min: 155.6 - 156.85 65% goethite>> Pervasive GE/LI in gouge.											
<<Vein: 154.9 - 159 10% Quartz 65 deg. >> Moderate to strong abundance of lamination-parallel QZ veins, as well as moderate abundance of discordant QZ veins at 15 dtca.											
156.85	**168.20**	**QRZT Quartzite grey**	156.85	158.00	1.15	1902815	0.083	4.2	594	530	5
156.85 - 168.2: Medium grey to bluish-grey weakly laminated QRZT with occasional bands of QZ 0.5 cm to 9 cm in width often occurring in clusters (e.g. 156.85 m to 159 m). Strong oxidation in fractures and in broken sections. Moderate to strong silicification throughout unit, two meter-long intervals of bleached core with bleaching also occurring around fractures locally. Weak MN oxide, except for a bleached interval from 161.65 m to 162.55 m which has moderate MN oxide in fracture/vein halos.											
<<Min: 156.85 - 160 15% goethite>> Strong GE/LI on fractures and in broken zone.			158.00	159.00	1.00	1902816	0.007	1.9	473	524	4
<<Min: 160 - 168.2 8% goethite>> Moderate to strong GE/LI on fractures, decreasing in intensity down the unit.			159.00	160.00	1.00	1902817	0.129	180	9413	4953	20
<<Min: 161.65 - 162.55 10% Mn-oxides>> MN oxide in fractures and fracture halos.			160.00	161.00	1.00	1902818	0.021	7.4	578	627	6
<<Alt: 156.85 - 168.2 moderate to strong Silicification >> Moderate to strong SI alteration throughout unit.			161.00	161.65	0.65	1902819	0.009	1.2	77	650	4
<<Alt: 161.65 - 162.55 moderate to strong White mica (Sericite)>> Core is bleached orangey-beige colour.			161.65	162.55	0.90	1902821	-0.005	0.6	64	1997	-3
<<Alt: 165.1 - 165.76 moderate to strong White mica (Sericite)>> Core is fully bleached.			162.55	163.20	0.65	1902822	-0.005	0.6	43	335	-3
<<Alt: 165.76 - 166.15 weak to moderate White mica (Sericite)>> Bleaching around fractures and veins.			163.20	164.15	0.95	1902823	-0.005	0.8	63	90	-3
<<Vein: 159 - 168.2 1% Quartz 20 deg. >>			164.15	165.10	0.95	1902824	-0.005	0.5	58	103	-3
<<Struc: 157.85 - 157.86 moderate to strong Veining - fracture fill>> Foliation-parallel vein set.			165.10	165.76	0.66	1902825	-0.005	-0.3	62	143	-3
<<Struc: 158.35 - 158.36 moderate to strong Veining - fracture fill>> Discordant vein set.			165.76	166.15	0.39	1902826	-0.005	-0.3	37	55	-3
<<Struc: 162.1 - 162.1 moderate to strong Fractured>> Fracture/vein with MN oxide halo.			166.15	167.10	0.95	1902827	-0.005	0.4	40	72	-3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
		<<Struc: 162.6 - 162.6 strong Foliated>> Small section of strong foliation.	167.10	168.20	1.10	1902828	-0.005	-0.3	31	66	-3
		<<Struc: 162.85 - 162.85 moderate to strong Veining - fracture fill>> Discordant Qz vein.									
		<<Struc: 165.99 - 165.99 moderate to strong Veining - fracture fill>> QZ vein with bleached alteration halo.									
168.20	**171.29**	**PHYL Phyllite grey**	168.20	169.20	1.00	1902829	-0.005	0.6	23	564	-3
		168.2 - 171.29: Medium to dark grey well foliated PHYL with 1% QZ-eyes up to 1 cm in size. Minor QZ banding, local folding.									
		<<Min: 168.2 - 171.29 1% pyrite>> Chunks of PY in veins locally, and very weakly disseminated along foliations.	169.20	170.25	1.05	1902831	0.007	0.6	22	1144	3
		<<Min: 168.2 - 171.29 1% hematite>> HE associated with PY in QZ veins, and locally along foliations.	170.25	171.29	1.04	1902832	-0.005	0.8	58	550	-3
		<<Min: 168.2 - 171.29 3% goethite>> Weak GE limited to small patches.									
		<<Struc: 169.25 - 169.25 strong Foliated>>									
		<<Struc: 170.85 - 170.85 moderate to strong Veining - fracture fill>> Anastamosing discordant QZ vein with chunks of PY and minor HE, 1 cm thickness.									
171.29	**176.13**	**QRZT Quartzite grey**	171.29	172.30	1.01	1902833	-0.005	-0.3	141	186	-3
		171.29 - 176.13: Light grey massive QRZT with weak laminations and moderate to weak abundance of fractures. Fractures are strongly oxidized. Minor veining. Weak patchy bleaching and silicification.									
		<<Min: 171.29 - 176.13 3% goethite>> Strong GE along fractures.									
		<<Alt: 171.29 - 176.13 weak White mica (Sericite)>> Seversl patches of soft beige bleached core up to 10 cm in width.									
		<<Alt: 171.29 - 176.13 weak Silicification >>									
		<<Vein: 174.5 - 175.75 3% Quartz 30 deg. >> Several discordant QZ veins ~0.5-2 cm in width.									
		<<Vein: 175 - 176.13 5% Quartz-Carbonate 70 deg. >>									
		<<Struc: 172.2 - 172.2 strong Fractured>> Strongly oxidized fracture sub-parallel to core axis.									
		<<Struc: 174.9 - 174.9 strong Veining - fracture fill>> 1.5 cm thick discordant QZ vein.									
		<<Struc: 175.15 - 175.15 weak to moderate S1, compositional layering>> Possible S1, or weak foliations.									
176.13	**200.00**	**QRZT phy interbedded Quartzite over phyllite grey**	176.13	176.85	0.72	1902834	-0.005	0.6	14	2156	-3
		176.13 - 200: Medium to dark grey calcareous QRZT with intercalated beds of strongly foliated black PHYL. PHYL sections contain 1% QZ-eyes and are typically 2-10 cm in width, but up 1.3 m on occasion (e.g. 176.13 m to 177.40 m). QRZT is massive with moderate to strong CA throughout, except in SI altered intervals. Sections of strong silica alteration often associated with GE and bleaching (e.g. 181.45 m to 182.90 m). Locally abundant QZ veining/banding and moderate laminations within QRZT. Finely disseminated PY along laminations and foliations, with rare specks of PY up to 3 mm in size within PHYL intervals. EOH									
		<<Min: 176.13 - 177.47 0.1% galena>> Possible trace GL with vuggy QZ veins (esp 177.1 m).	176.85	177.47	0.62	1902835	-0.005	0.5	13	1424	-3
		<<Min: 176.13 - 179.45 5% goethite>> GE/LI along foliations and in spots.	181.45	182.15	0.70	1902836	-0.005	0.3	19	155	-3
		<<Min: 176.13 - 200 2% pyrite>> PY finely disseminated and along foliations throughout unit, as well as as specks up to 3mm in size within PHYL sections and rarely in discordant QZ veins.	182.15	182.90	0.75	1902837	-0.005	-0.3	9	274	-3

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GeoSpark Logger ~ Drill Log

Project: **Haldane** **Hole Number:** **HLD19-17**

From (m)	To (m)	Rocktype & Description
		<<Min: 181.45 - 182.9 10% goethite>> Moderate GE/LI within SI altered interval.
		<<Alt: 179.45 - 182.9 moderate Silicification >> Moderate SI alteration with patches of strong alreration. Possibly related to faulting at 179.80 m.
		<<Alt: 181.45 - 182.9 weak to moderate White mica (Sericite)>>
		<<Vein: 176.13 - 179.45 5% Quartz 60 deg. >>
		<<Vein: 187 - 190 10% Quartz-Carbonate 50 deg. >> Foliation parallel QZ veins with minor CB, occasionally vuggy.
		<<Vein: 190 - 200 3% Quartz-Carbonate 55 deg. >> Foliation parallel QZ veins with minor CB, occasionally vuggy. Occasional discordant QZ veins also present at 25 dtca.
		<<Struc: 176.85 - 176.85 moderate to strong Foliated>>
		<<Struc: 179.8 - 179.9 moderate fault>> Moderate gouge in broken zone.
		<<Struc: 182.95 - 182.95 strong Foliated>> Strong foliations in PHYL section.
		<<Struc: 183.5 - 183.5 moderate Weakly foliated>> Weak foliations and stringers of CA in QRZT sections.
		<<Struc: 188.1 - 188.1 moderate Foliated>> Weak foliations and foliation-parallel veins.
		<<Struc: 188.15 - 188.15 moderate to strong Veining - fracture fill>> Discordant QZ vein.
		<<Struc: 191.95 - 191.95 moderate to strong Foliated>> Small section (5 cm) of strong foliations.
		<<Struc: 193.9 - 193.9 moderate Foliated>> Weak foliations and foliation-parallel veins.
		<<Struc: 199.35 - 199.35 moderate Veining - fracture fill>> Vuggy discordant vein with moderate HE/oxidation.

End of Hole @ 200

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Pb ppm	Zn ppm	Sb ppm
188.05	189.23	1.18	1902838	-0.005	-0.3	3	18	-3
199.05	200.00	0.95	1902839	-0.005	0.3	12	705	-3

Appendix H: Drill Core Certificates of Analysis

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 05, 2019
Report Date: September 19, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI19000516.1

CLIENT JOB INFORMATION

Project:	ANZ19-01
Shipment ID:	ANZ19-01002
P.O. Number	ANZ19-01002
Number of Samples:	26

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	26	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	26	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	26	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	26	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	26	Per sample shipping charges for branch shipments			VAN
SLBHP	0	Sort, label and box pulps			WHI

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

MAY LAI
Data Validation Specialist

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: September 19, 2019

CERTIFICATE OF ANALYSIS WHI19000516.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902501	Drill Core	1.42	<0.005	<1	11	24	52	0.4	12	7	1007	1.88	9	10	114	<0.5	<3	<3	4	1.82	0.025
1902502	Drill Core	3.01	<0.005	<1	12	6	78	<0.3	5	3	132	1.62	3	6	13	<0.5	<3	<3	4	0.04	0.017
1902503	Drill Core	2.08	<0.005	<1	15	7	96	<0.3	9	4	295	1.65	4	12	12	0.7	<3	<3	6	0.19	0.010
1902504	Drill Core	4.05	<0.005	<1	27	12	156	<0.3	29	14	582	3.38	7	15	133	1.2	<3	<3	12	3.78	0.068
1902505	Drill Core	4.15	<0.005	<1	31	26	102	<0.3	32	15	257	3.93	7	21	22	<0.5	<3	<3	12	0.32	0.067
1902506	Drill Core	4.30	0.005	1	46	17	90	<0.3	34	16	843	4.26	8	9	75	<0.5	<3	<3	27	1.29	0.124
1902507	Drill Core	4.33	0.006	2	55	11	82	<0.3	31	16	1277	4.68	2	6	119	<0.5	<3	<3	27	2.33	0.162
1902508	Drill Core	4.64	<0.005	<1	27	7	92	<0.3	37	18	474	4.64	15	13	55	<0.5	<3	<3	29	0.71	0.081
1902509	Drill Core	4.58	<0.005	<1	17	13	70	<0.3	31	15	422	3.80	9	15	24	<0.5	<3	<3	12	0.29	0.039
1902510	Drill Core	4.91	<0.005	<1	25	10	77	<0.3	35	16	880	3.54	9	11	91	<0.5	<3	<3	15	1.86	0.027
1902511	Drill Core	3.04	<0.005	1	30	11	70	<0.3	29	12	660	3.36	6	12	69	<0.5	<3	<3	21	1.42	0.043
1902512	Drill Core	4.07	<0.005	<1	28	23	81	<0.3	30	14	666	3.63	9	16	59	<0.5	<3	<3	15	1.19	0.038
1902513	Drill Core	4.64	0.005	2	69	37	71	0.3	29	15	1491	3.49	14	8	114	<0.5	<3	<3	31	2.27	0.145
1902514	Drill Core	4.21	<0.005	<1	23	12	73	<0.3	27	14	506	3.47	6	17	32	<0.5	<3	<3	10	0.36	0.046
1902515	Drill Core	3.66	<0.005	<1	26	7	76	<0.3	60	24	1790	4.98	25	7	188	<0.5	<3	<3	61	2.88	0.053
1902516	Drill Core	4.53	<0.005	<1	17	14	56	<0.3	22	10	725	2.90	6	12	38	<0.5	<3	<3	12	0.60	0.031
1902517	Drill Core	4.75	<0.005	<1	47	19	79	<0.3	33	15	495	3.99	<2	14	27	<0.5	<3	<3	18	0.36	0.050
1902518	Drill Core	4.25	<0.005	<1	23	17	50	<0.3	64	20	685	3.86	21	8	159	<0.5	<3	<3	47	2.78	0.033
1902519	Drill Core	4.32	0.008	<1	17	13	24	<0.3	12	6	261	1.56	13	13	32	<0.5	<3	<3	4	0.69	0.018
1902520	Drill Core	1.50	<0.005	1	5	<3	29	<0.3	1	4	537	2.11	<2	3	26	<0.5	<3	<3	32	0.71	0.042
1902521	Drill Core	3.93	<0.005	<1	40	24	82	<0.3	37	17	456	3.83	12	12	37	<0.5	<3	<3	12	0.36	0.041
1902522	Drill Core	4.14	0.012	30	48	16	311	0.9	114	8	131	2.24	5	5	53	2.9	<3	<3	73	0.84	0.040
1902523	Drill Core	4.19	0.025	9	92	15	550	2.5	76	6	96	2.41	33	3	83	6.7	5	<3	123	1.07	0.399
1902524	Drill Core	4.28	0.009	2	62	3	34	0.4	14	3	109	1.65	3	3	13	<0.5	<3	<3	16	0.07	0.011
1902525	Drill Core	2.70	0.015	18	54	22	279	0.9	88	10	146	2.96	19	7	37	1.8	3	<3	65	1.00	0.088
1902526	Drill Core	3.57	0.011	2	41	9	49	0.4	23	5	315	2.00	19	4	44	<0.5	3	<3	13	1.67	0.020

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BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: September 19, 2019

CERTIFICATE OF ANALYSIS WHI19000516.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
1902501	Drill Core	23	6	0.36	38	0.001	<20	0.67	<0.01	0.24	<2	<0.05	<1	<5	<5	<5
1902502	Drill Core	15	7	0.14	35	0.004	<20	0.60	0.01	0.21	<2	<0.05	<1	<5	<5	<5
1902503	Drill Core	21	14	0.26	104	0.007	<20	0.83	0.02	0.18	<2	<0.05	<1	<5	<5	<5
1902504	Drill Core	27	17	0.69	54	0.011	<20	1.78	0.01	0.27	<2	<0.05	<1	<5	<5	<5
1902505	Drill Core	45	19	0.84	64	0.019	<20	2.10	<0.01	0.36	<2	0.06	<1	<5	<5	<5
1902506	Drill Core	19	26	1.70	110	0.011	<20	2.27	<0.01	0.35	<2	0.53	<1	<5	<5	<5
1902507	Drill Core	12	23	1.92	114	0.010	<20	1.87	<0.01	0.33	<2	1.26	<1	<5	<5	<5
1902508	Drill Core	25	31	1.06	88	0.020	<20	2.23	0.02	0.33	<2	0.38	<1	<5	5	<5
1902509	Drill Core	27	18	0.64	92	0.020	<20	1.92	0.01	0.35	<2	0.12	<1	<5	<5	<5
1902510	Drill Core	21	22	0.87	69	0.022	<20	1.95	0.01	0.30	<2	0.10	<1	<5	<5	<5
1902511	Drill Core	25	24	0.92	91	0.007	<20	1.85	0.02	0.28	<2	0.35	<1	<5	<5	<5
1902512	Drill Core	30	19	0.84	80	0.022	<20	1.91	0.02	0.33	<2	0.28	<1	<5	<5	<5
1902513	Drill Core	14	20	1.83	108	0.011	<20	2.02	<0.01	0.30	<2	0.49	<1	<5	<5	<5
1902514	Drill Core	22	17	0.64	75	0.013	<20	1.84	0.01	0.26	<2	0.11	<1	<5	<5	<5
1902515	Drill Core	16	106	2.18	45	0.007	<20	3.22	0.02	0.15	<2	0.06	<1	<5	11	9
1902516	Drill Core	25	18	0.60	77	0.014	<20	1.64	0.02	0.24	<2	<0.05	<1	<5	<5	<5
1902517	Drill Core	35	22	0.82	135	0.017	<20	2.08	0.01	0.34	<2	0.20	<1	<5	<5	<5
1902518	Drill Core	14	89	1.96	193	0.011	<20	2.58	<0.01	0.25	<2	0.11	<1	<5	6	<5
1902519	Drill Core	14	6	0.30	130	0.003	<20	0.76	<0.01	0.39	<2	0.39	<1	<5	<5	<5
1902520	Drill Core	7	4	0.53	68	0.095	<20	1.05	0.12	0.11	<2	<0.05	<1	<5	<5	<5
1902521	Drill Core	15	18	0.79	170	0.019	<20	1.85	<0.01	0.44	<2	0.38	<1	<5	<5	<5
1902522	Drill Core	3	5	0.42	467	0.003	<20	0.40	<0.01	0.20	<2	1.41	<1	<5	<5	<5
1902523	Drill Core	6	25	0.33	471	0.003	<20	0.67	<0.01	0.22	<2	2.00	<1	<5	<5	<5
1902524	Drill Core	9	7	0.30	275	0.002	<20	0.71	<0.01	0.13	<2	0.43	<1	<5	<5	<5
1902525	Drill Core	8	22	0.44	308	0.001	<20	1.02	0.02	0.13	<2	1.53	<1	<5	<5	<5
1902526	Drill Core	8	11	0.42	171	<0.001	<20	0.67	<0.01	0.09	<2	0.85	<1	<5	<5	<5

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: September 19, 2019

QUALITY CONTROL REPORT WHI19000516.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1902503	Drill Core	2.08	<0.005	<1	15	7	96	<0.3	9	4	295	1.65	4	12	12	0.7	<3	<3	6	0.19	0.010
REP 1902503	QC		<0.005																		
1902506	Drill Core	4.30	0.005	1	46	17	90	<0.3	34	16	843	4.26	8	9	75	<0.5	<3	<3	27	1.29	0.124
REP 1902506	QC			1	44	17	88	<0.3	33	16	815	4.10	8	9	72	<0.5	<3	<3	27	1.23	0.118
Core Reject Duplicates																					
1902513	Drill Core	4.64	0.005	2	69	37	71	0.3	29	15	1491	3.49	14	8	114	<0.5	<3	<3	31	2.27	0.145
DUP 1902513	QC		0.005	2	70	37	71	<0.3	29	14	1505	3.53	13	8	115	<0.5	<3	<3	31	2.30	0.141
Reference Materials																					
STD DS11	Standard			15	151	142	362	1.8	80	13	1053	3.22	44	8	69	2.2	8	11	51	1.10	0.072
STD OREAS262	Standard			<1	117	54	150	0.5	62	26	537	3.33	35	9	36	<0.5	3	<3	22	3.01	0.039
STD OXC152	Standard		0.213																		
STD OXH139	Standard		1.298																		
STD OXN134	Standard		7.627																		
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD OXC152 Expected			0.216																		
STD OXH139 Expected			1.312																		
STD OXN134 Expected			7.667																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	6	<3	32	<0.3	2	5	625	2.31	<2	3	32	<0.5	<3	<3	35	0.94	0.045
ROCK-WHI	Prep Blank		<0.005	<1	2	<3	28	<0.3	1	3	553	1.98	<2	3	23	<0.5	<3	<3	24	0.69	0.041

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: September 19, 2019

QUALITY CONTROL REPORT WHI19000516.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates																
1902503	Drill Core	21	14	0.26	104	0.007	<20	0.83	0.02	0.18	<2	<0.05	<1	<5	<5	<5
REP 1902503	QC															
1902506	Drill Core	19	26	1.70	110	0.011	<20	2.27	<0.01	0.35	<2	0.53	<1	<5	<5	<5
REP 1902506	QC	19	24	1.63	108	0.012	<20	2.20	<0.01	0.34	<2	0.51	<1	<5	<5	<5
Core Reject Duplicates																
1902513	Drill Core	14	20	1.83	108	0.011	<20	2.02	<0.01	0.30	<2	0.49	<1	<5	<5	<5
DUP 1902513	QC	15	21	1.86	107	0.012	<20	2.02	<0.01	0.30	<2	0.50	<1	<5	<5	<5
Reference Materials																
STD DS11	Standard	18	60	0.88	447	0.092	<20	1.23	0.08	0.42	<2	0.29	<1	6	<5	<5
STD OREAS262	Standard	18	43	1.19	257	0.003	<20	1.39	0.07	0.34	<2	0.26	<1	<5	<5	<5
STD OXC152	Standard															
STD OXH139	Standard															
STD OXN134	Standard															
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24
STD OXC152 Expected																
STD OXH139 Expected																
STD OXN134 Expected																
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
BLK	Blank															
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	6	6	0.64	81	0.102	<20	1.35	0.14	0.14	<2	<0.05	<1	<5	<5	<5
ROCK-WHI	Prep Blank	6	4	0.51	69	0.089	<20	1.01	0.12	0.12	<2	<0.05	<1	<5	<5	<5

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BUREAU VERITAS MINERAL LABORATORIES Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 09, 2019
Report Date: October 04, 2019
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI19000538.2

CLIENT JOB INFORMATION

Project: ANZ19-01
Shipment ID: ANZ19-01003
P.O. Number ANZ19-01003
Number of Samples: 150

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	148	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	150	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	150	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	150	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	150	Per sample shipping charges for branch shipments			VAN
SLBHP	2	Sort, label and box pulps			WHI
MA404	9	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
EN001-MA	9	Environmental disposal fee - Multi-acid neutralization			VAN
FA530-Ag	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: MA404-Pb, Zn and FA530-Ag included.

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC: Jason Weber

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902527	Drill Core	3.16	<0.005	1	40	469	206	3.8	16	3	175	2.78	9	4	8	2.5	<3	<3	57	0.04	0.045
1902528	Drill Core	3.14	<0.005	<1	5	422	18	0.7	1	<1	44	0.48	6	3	4	<0.5	<3	<3	2	0.02	0.024
1902529	Drill Core	4.57	<0.005	<1	7	74	38	0.4	2	<1	42	0.66	4	2	4	1.1	<3	<3	4	0.02	0.020
1902530	Drill Core	4.10	<0.005	<1	10	636	56	1.5	2	<1	63	0.84	9	4	15	0.9	<3	<3	6	0.05	0.045
1902531	Drill Core	3.57	<0.005	2	10	738	70	1.6	2	1	53	0.82	9	4	22	<0.5	<3	<3	8	0.01	0.024
1902532	Drill Core	3.14	<0.005	<1	30	1870	123	3.3	3	<1	68	0.92	15	2	7	0.5	<3	<3	6	<0.01	0.027
1902533	Drill Core	1.96	<0.005	<1	23	2030	68	1.6	3	<1	62	1.03	11	3	9	<0.5	<3	<3	6	0.03	0.039
1902534	Drill Core	3.93	0.005	<1	31	1269	94	1.6	2	<1	47	1.01	8	<2	10	<0.5	<3	<3	5	<0.01	0.020
1902535	Drill Core	4.97	<0.005	<1	132	3101	315	1.9	11	4	181	2.19	34	5	28	1.5	<3	<3	15	0.04	0.095
1902536	Drill Core	4.76	0.011	2	100	25	496	2.3	16	6	232	4.70	10	15	36	2.0	<3	4	23	0.14	0.127
1902537	Drill Core	6.10	0.007	2	34	48	249	0.9	15	4	187	4.07	3	11	40	1.1	<3	<3	26	0.18	0.088
1902538	Drill Core	3.80	<0.005	2	50	36	406	0.9	12	3	124	4.13	2	13	35	1.7	<3	3	16	0.15	0.131
1902539	Drill Core	3.25	<0.005	<1	21	1059	73	2.9	2	<1	63	1.16	18	4	21	1.1	<3	<3	8	0.02	0.060
1902540	Drill Core	1.59	<0.005	1	31	861	145	2.2	3	<1	67	1.10	4	3	12	0.8	<3	<3	6	<0.01	0.029
1902541	Drill Core	1.80	<0.005	1	26	708	122	2.3	2	<1	59	0.96	4	3	11	0.7	<3	<3	5	<0.01	0.025
1902542	Drill Core	1.48	<0.005	3	74	1871	336	2.4	5	2	85	1.99	16	6	21	2.0	3	<3	10	0.01	0.070
1902543	Drill Core	4.96	<0.005	7	60	357	536	2.4	13	2	145	2.91	5	6	20	5.2	<3	<3	15	0.03	0.053
1902544	Drill Core	4.14	<0.005	<1	18	950	104	1.0	3	<1	58	1.15	13	2	11	<0.5	<3	<3	7	0.01	0.022
1902545	Drill Core	4.72	<0.005	5	78	15	341	1.8	18	4	154	3.56	<2	10	16	1.7	<3	5	17	<0.01	0.053
1902546	Drill Core	4.85	<0.005	7	14	26	263	0.9	14	2	104	2.61	<2	5	13	0.6	<3	<3	12	<0.01	0.061
1902547	Drill Core	4.79	<0.005	5	23	23	289	1.2	12	2	99	3.10	5	5	18	1.1	<3	<3	10	<0.01	0.067
1902548	Drill Core	4.32	<0.005	2	43	66	1420	1.1	49	9	948	2.80	8	3	13	15.3	<3	<3	41	0.08	0.043
1902549	Drill Core	4.66	<0.005	<1	14	90	128	0.9	3	<1	50	0.86	3	<2	5	1.6	<3	<3	4	0.03	0.029
1902550	Drill Core	3.97	<0.005	<1	29	57	273	1.9	5	1	77	1.81	7	8	55	3.4	<3	<3	11	0.07	0.079
1902551	Drill Core	3.01	<0.005	<1	19	17	360	1.3	9	2	119	2.10	5	9	30	3.8	<3	<3	9	0.07	0.094
1902552	Drill Core	4.51	<0.005	<1	24	74	306	1.1	6	2	94	1.65	7	6	32	3.4	<3	<3	8	0.09	0.080
1902553	Drill Core	4.11	<0.005	<1	8	111	116	0.7	2	<1	60	0.81	3	2	10	1.0	<3	<3	3	0.01	0.023
1902554	Drill Core	3.36	<0.005	<1	11	62	145	1.1	3	1	90	1.10	4	4	22	1.7	<3	<3	5	<0.01	0.029
1902555	Drill Core	3.44	<0.005	<1	11	47	98	0.8	3	1	83	0.74	3	<2	11	1.4	<3	<3	3	0.02	0.024
1902556	Drill Core	3.43	<0.005	3	33	20	200	1.2	8	2	86	1.20	6	5	16	5.2	<3	<3	11	0.06	0.074

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902527	Drill Core	15	29	0.62	190	0.003	<20	1.15	<0.01	0.11	<2	<0.05	<1	<5	<5	<5			
1902528	Drill Core	11	13	<0.01	36	0.001	<20	0.12	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902529	Drill Core	7	13	0.02	32	<0.001	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902530	Drill Core	15	14	0.03	69	0.001	<20	0.29	<0.01	0.12	<2	<0.05	<1	<5	<5	<5			
1902531	Drill Core	17	10	0.01	86	<0.001	<20	0.29	<0.01	0.14	<2	<0.05	<1	<5	<5	<5			
1902532	Drill Core	8	13	0.02	28	0.001	<20	0.22	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902533	Drill Core	11	12	0.08	56	<0.001	<20	0.31	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			
1902534	Drill Core	10	11	0.03	46	<0.001	<20	0.24	<0.01	0.08	<2	<0.05	<1	<5	<5	<5			
1902535	Drill Core	18	21	0.12	62	0.001	<20	0.72	<0.01	0.08	<2	<0.05	<1	<5	<5	<5			
1902536	Drill Core	43	31	0.30	105	0.001	<20	1.48	0.02	0.18	<2	0.10	<1	<5	<5	<5			
1902537	Drill Core	36	35	0.51	100	0.002	<20	1.95	0.03	0.15	<2	<0.05	<1	<5	5	<5			
1902538	Drill Core	44	20	<0.01	105	<0.001	<20	0.97	0.02	0.16	<2	<0.05	<1	<5	<5	<5			
1902539	Drill Core	13	14	<0.01	94	0.001	<20	0.25	0.01	0.11	<2	0.05	<1	<5	<5	<5			
1902540	Drill Core	15	11	0.02	134	0.001	<20	0.27	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902541	Drill Core	13	11	0.01	120	0.001	<20	0.23	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			
1902542	Drill Core	28	15	0.04	210	0.001	<20	0.43	<0.01	0.14	<2	<0.05	<1	<5	<5	<5			
1902543	Drill Core	16	16	0.15	351	0.002	<20	0.63	<0.01	0.16	<2	<0.05	<1	<5	<5	<5			
1902544	Drill Core	12	12	0.06	72	<0.001	<20	0.30	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			
1902545	Drill Core	21	18	0.39	360	0.002	<20	0.81	<0.01	0.21	<2	0.90	<1	<5	<5	<5			
1902546	Drill Core	17	15	0.23	195	0.001	<20	0.47	<0.01	0.11	<2	0.14	<1	<5	<5	<5			
1902547	Drill Core	20	10	0.05	256	0.001	<20	0.35	<0.01	0.14	<2	0.07	<1	<5	<5	<5			
1902548	Drill Core	13	37	0.66	59	0.002	<20	1.21	<0.01	0.08	<2	<0.05	<1	<5	<5	<5			
1902549	Drill Core	8	9	<0.01	33	<0.001	<20	0.13	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902550	Drill Core	33	17	0.17	99	<0.001	<20	0.63	0.01	0.15	<2	<0.05	<1	<5	<5	<5			
1902551	Drill Core	30	18	0.04	113	<0.001	<20	0.49	0.01	0.18	<2	<0.05	<1	<5	<5	<5			
1902552	Drill Core	23	13	0.02	102	<0.001	<20	0.40	0.01	0.15	<2	<0.05	<1	<5	<5	<5			
1902553	Drill Core	9	9	<0.01	49	<0.001	<20	0.18	<0.01	0.07	<2	<0.05	<1	<5	<5	<5			
1902554	Drill Core	16	9	<0.01	104	<0.001	<20	0.24	<0.01	0.13	<2	<0.05	<1	<5	<5	<5			
1902555	Drill Core	9	8	<0.01	46	<0.001	<20	0.13	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902556	Drill Core	18	16	0.02	96	0.001	<20	0.33	<0.01	0.08	<2	<0.05	<1	<5	<5	<5			

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	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902557	Drill Core	3.59	<0.005	5	16	15	101	0.4	3	<1	78	1.10	5	2	10	1.4	<3	<3	6	0.01	0.035
1902558	Drill Core	2.27	<0.005	6	56	18	119	0.8	7	1	178	2.08	8	4	23	1.2	<3	<3	16	0.09	0.053
1902559	Drill Core	4.65	<0.005	2	115	14	287	1.8	24	6	279	2.37	2	4	15	0.7	<3	<3	14	0.05	0.036
1902560	Rock Pulp	0.08	0.938	17	2747	>10000	4224	86.3	33	25	1658	6.42	115	6	13	30.5	59	19	46	0.96	0.042
1902561	Drill Core	4.14	<0.005	<1	89	44	235	2.3	24	6	400	2.18	3	4	10	0.8	<3	<3	15	0.06	0.026
1902562	Drill Core	3.52	<0.005	<1	175	122	507	10.4	34	11	604	3.82	4	4	11	2.1	<3	5	17	0.08	0.039
1902563	Drill Core	5.39	<0.005	1	85	33	196	1.8	32	11	866	2.94	<2	5	15	16.3	<3	<3	24	0.15	0.036
1902564	Drill Core	5.25	<0.005	1	68	114	255	2.1	22	9	724	2.97	4	5	12	7.0	<3	<3	22	0.05	0.032
1902565	Drill Core	5.65	<0.005	<1	128	14	628	1.1	66	26	1736	3.08	<2	6	30	15.7	<3	<3	32	0.10	0.046
1902566	Drill Core	4.33	<0.005	<1	63	288	411	1.1	34	10	629	2.94	4	6	15	3.3	<3	<3	22	0.05	0.040
1902567	Drill Core	3.31	<0.005	15	94	1670	689	3.7	17	4	360	2.99	14	6	14	3.3	3	<3	19	0.03	0.049
1902568	Drill Core	3.71	0.023	3	110	>10000	425	7.4	12	3	637	1.41	16	5	10	2.1	15	<3	8	<0.01	0.092
1902569	Drill Core	5.26	<0.005	<1	10	322	209	1.4	4	<1	40	0.71	4	<2	4	1.6	<3	<3	2	0.01	0.018
1902570	Drill Core	4.36	<0.005	<1	10	169	154	0.8	2	<1	83	1.21	3	2	4	2.5	<3	<3	2	<0.01	0.020
1902571	Drill Core	3.70	<0.005	3	22	40	725	1.7	16	9	262	2.71	5	3	12	12.4	<3	<3	7	0.01	0.038
1902572	Drill Core	5.09	<0.005	6	21	113	457	2.1	9	9	340	2.38	17	5	22	25.9	<3	<3	13	0.03	0.059
1902573	Drill Core	4.82	<0.005	2	16	210	203	1.5	5	3	128	1.30	10	3	11	11.2	<3	<3	8	<0.01	0.039
1902574	Drill Core	4.45	<0.005	4	19	87	286	1.1	5	5	136	1.51	7	4	20	19.9	<3	<3	8	0.02	0.051
1902575	Drill Core	4.13	<0.005	3	12	27	352	0.7	8	3	190	1.65	5	4	22	17.6	<3	<3	8	0.01	0.040
1902576	Drill Core	4.88	<0.005	3	10	85	315	0.9	6	2	164	1.65	8	3	14	3.7	<3	<3	5	0.02	0.033
1902577	Drill Core	5.52	<0.005	1	13	269	390	1.4	7	4	210	1.63	9	3	16	11.8	<3	<3	4	0.02	0.053
1902578	Drill Core	3.60	<0.005	1	15	184	309	1.3	5	2	104	1.41	6	4	22	5.0	<3	<3	6	0.02	0.041
1902579	Drill Core	2.01	<0.005	2	20	280	335	1.2	6	<1	78	1.53	6	4	28	4.8	<3	<3	7	0.02	0.048
1902580	Drill Core	2.10	<0.005	3	21	265	363	1.0	6	<1	85	1.67	6	4	27	4.9	<3	<3	7	0.02	0.048
1902581	Drill Core	3.56	<0.005	3	34	635	501	1.9	10	1	138	1.99	11	5	31	7.2	<3	<3	7	0.02	0.072
1902582	Drill Core	3.96	<0.005	3	99	3102	1248	4.2	19	5	276	3.49	16	5	21	12.5	6	<3	12	0.04	0.123
1902583	Drill Core	3.25	<0.005	1	80	3812	910	7.8	11	2	192	1.92	7	2	4	5.8	7	<3	8	0.03	0.053
1902584	Drill Core	2.32	<0.005	<1	103	6280	720	12.7	5	<1	437	1.19	2	<2	2	5.4	13	<3	5	0.05	0.028
1902585	Drill Core	2.79	0.008	9	323	>10000	751	>100	8	1	186	1.45	7	<2	6	10.1	165	<3	4	0.11	0.295
1902586	Drill Core	4.14	<0.005	<1	99	8399	1216	17.9	11	2	179	2.35	6	2	6	6.7	13	<3	5	0.06	0.070

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902557	Drill Core	10	11	0.07	92	0.001	<20	0.20	<0.01	0.06	<2	<0.05	<1	<5	<5	<5			
1902558	Drill Core	15	14	0.28	539	0.002	<20	0.61	<0.01	0.16	<2	0.24	<1	<5	<5	<5			
1902559	Drill Core	11	11	0.34	560	0.003	<20	0.66	<0.01	0.14	<2	0.63	<1	<5	<5	<5			
1902560	Rock Pulp	18	33	1.48	57	0.090	<20	1.90	0.05	0.34	<2	2.99	<1	<5	9	<5	1.32	0.43	
1902561	Drill Core	10	13	0.56	676	0.003	<20	1.00	<0.01	0.17	<2	0.51	<1	<5	<5	<5			
1902562	Drill Core	9	14	0.25	430	0.002	<20	0.76	<0.01	0.15	<2	0.81	<1	<5	<5	<5			
1902563	Drill Core	13	22	0.92	910	0.011	<20	1.63	<0.01	0.20	<2	0.36	<1	<5	5	<5			
1902564	Drill Core	14	19	0.89	910	0.018	<20	1.65	<0.01	0.18	<2	0.05	<1	<5	5	<5			
1902565	Drill Core	27	32	0.91	1219	0.027	<20	1.79	<0.01	0.23	<2	<0.05	<1	<5	6	<5			
1902566	Drill Core	19	23	0.79	666	0.008	<20	1.45	<0.01	0.20	<2	<0.05	<1	<5	<5	<5			
1902567	Drill Core	18	18	0.35	403	0.003	<20	0.92	<0.01	0.17	<2	0.05	<1	<5	<5	<5			
1902568	Drill Core	15	14	0.01	135	0.001	<20	0.40	<0.01	0.08	<2	0.19	<1	<5	<5	<5	1.16	0.04	
1902569	Drill Core	5	9	<0.01	43	<0.001	<20	0.12	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902570	Drill Core	6	11	<0.01	68	<0.001	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902571	Drill Core	12	13	0.05	136	0.002	<20	0.29	<0.01	0.12	<2	<0.05	<1	<5	<5	<5			
1902572	Drill Core	20	16	0.25	136	0.001	<20	0.52	<0.01	0.16	<2	<0.05	<1	<5	<5	<5			
1902573	Drill Core	10	13	0.18	53	0.001	<20	0.30	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902574	Drill Core	17	13	0.03	211	0.001	<20	0.29	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902575	Drill Core	18	12	0.02	412	0.002	<20	0.29	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902576	Drill Core	15	9	<0.01	160	0.001	<20	0.21	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			
1902577	Drill Core	11	9	<0.01	58	<0.001	<20	0.20	<0.01	0.07	<2	<0.05	<1	<5	<5	<5			
1902578	Drill Core	15	11	<0.01	83	0.001	<20	0.28	<0.01	0.11	<2	<0.05	<1	<5	<5	<5			
1902579	Drill Core	20	13	0.03	86	<0.001	<20	0.34	<0.01	0.12	<2	<0.05	<1	<5	<5	<5			
1902580	Drill Core	21	12	0.02	94	<0.001	<20	0.35	0.01	0.13	<2	<0.05	<1	<5	<5	<5			
1902581	Drill Core	19	12	<0.01	89	<0.001	<20	0.35	<0.01	0.11	<2	<0.05	<1	<5	<5	<5			
1902582	Drill Core	16	17	<0.01	75	<0.001	<20	0.60	<0.01	0.10	<2	0.05	<1	<5	<5	<5			
1902583	Drill Core	9	12	<0.01	29	<0.001	<20	0.39	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902584	Drill Core	5	12	<0.01	10	<0.001	<20	0.23	<0.01	0.02	<2	0.05	<1	<5	<5	<5			
1902585	Drill Core	5	11	<0.01	11	<0.001	<20	0.27	<0.01	0.01	<2	0.89	<1	<5	<5	<5	11.41	0.07	338
1902586	Drill Core	7	12	<0.01	22	<0.001	<20	0.31	<0.01	0.04	<2	0.07	<1	<5	<5	<5			

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902587	Drill Core	2.62	<0.005	1	86	2475	1332	9.4	6	2	243	2.13	5	5	33	25.9	<3	<3	10	0.02	0.088
1902588	Drill Core	5.03	0.006	<1	152	8146	3231	13.3	17	3	783	2.51	10	2	4	44.9	10	<3	8	0.05	0.050
1902589	Drill Core	2.61	<0.005	<1	43	663	2682	1.3	9	3	514	1.11	4	<2	2	53.0	<3	<3	3	0.03	0.022
1902590	Drill Core	5.66	<0.005	<1	35	707	605	1.5	4	1	186	0.82	9	<2	1	16.6	<3	<3	2	0.01	0.013
1902591	Drill Core	4.15	<0.005	<1	164	>10000	2025	28.5	8	2	437	1.44	5	3	3	40.8	23	<3	6	0.04	0.028
1902592	Drill Core	3.32	<0.005	<1	28	844	2135	2.5	8	3	894	1.28	3	<2	2	65.1	3	<3	3	0.02	0.017
1902593	Drill Core	5.96	<0.005	<1	35	1380	6351	4.0	15	6	2109	2.04	3	2	4	140.9	<3	<3	6	0.12	0.021
1902594	Drill Core	3.76	<0.005	<1	6	182	1296	1.0	8	3	870	0.97	<2	<2	15	7.2	<3	<3	2	0.63	0.019
1902595	Drill Core	4.56	<0.005	<1	6	52	590	<0.3	10	3	537	0.77	<2	3	48	2.0	<3	<3	3	1.53	0.022
1902596	Drill Core	2.97	<0.005	<1	18	150	2128	1.4	12	3	776	1.91	3	4	11	14.0	<3	<3	6	0.25	0.036
1902597	Drill Core	5.46	<0.005	<1	10	540	1017	1.2	7	2	368	0.90	3	2	3	29.8	<3	<3	2	0.03	0.019
1902598	Drill Core	4.80	<0.005	<1	12	545	2177	1.5	8	3	1143	1.40	<2	<2	41	30.7	<3	<3	5	2.22	0.024
1902599	Drill Core	5.05	<0.005	<1	13	167	681	0.8	10	2	652	1.11	<2	3	14	2.8	<3	<3	3	0.61	0.022
1902600	Drill Core	1.93	<0.005	1	3	6	37	<0.3	1	3	534	2.08	<2	2	25	<0.5	<3	<3	28	0.73	0.040
1902601	Drill Core	5.11	<0.005	<1	28	47	521	1.0	17	4	562	1.81	<2	4	24	4.7	<3	<3	5	1.19	0.046
1902602	Drill Core	5.16	<0.005	<1	12	31	54	0.6	13	3	285	1.27	<2	3	17	<0.5	<3	<3	4	0.67	0.029
1902603	Drill Core	5.04	<0.005	<1	3	8	15	<0.3	3	<1	166	0.58	<2	<2	23	<0.5	<3	<3	2	1.07	0.018
1902604	Drill Core	4.99	<0.005	<1	12	7	42	<0.3	17	4	199	1.51	<2	6	32	<0.5	<3	<3	7	1.17	0.053
1902605	Drill Core	5.35	<0.005	<1	17	25	68	0.5	18	4	330	1.64	<2	4	23	<0.5	<3	<3	7	0.91	0.044
1902606	Drill Core	3.75	<0.005	<1	11	20	242	0.4	7	2	38	1.04	3	3	7	2.2	<3	<3	4	0.08	0.039
1902607	Drill Core	1.24	0.006	10	345	>10000	>10000	92.0	15	22	1540	2.83	7	3	5	659.2	56	<3	11	0.05	0.027
1902608	Drill Core	1.32	<0.005	<1	21	9397	5049	15.3	5	3	2158	1.44	<2	<2	3	112.7	14	<3	4	0.05	0.017
1902609	Drill Core	1.97	<0.005	<1	5	172	483	0.4	3	1	444	0.71	<2	<2	3	18.7	<3	<3	2	0.04	0.015
1902610	Drill Core	5.36	<0.005	2	33	133	946	0.7	30	7	855	2.81	5	10	26	9.5	<3	<3	12	0.29	0.140
1902611	Drill Core	4.20	<0.005	<1	6	69	2902	<0.3	3	2	462	0.89	2	<2	2	23.3	<3	<3	2	0.05	0.017
1902612	Drill Core	3.27	<0.005	2	27	1951	2122	4.5	6	5	3775	3.74	<2	11	60	18.0	<3	<3	10	2.00	0.104
1902613	Drill Core	4.38	<0.005	<1	3	157	15	0.6	<1	<1	61	0.63	3	2	4	<0.5	<3	<3	2	<0.01	0.020
1902614	Drill Core	4.75	<0.005	<1	4	63	20	0.7	1	<1	56	0.64	5	2	7	<0.5	<3	<3	3	0.03	0.031
1902615	Drill Core	5.21	0.006	<1	8	45	1446	0.4	28	10	2002	2.13	2	3	10	3.2	<3	<3	5	0.24	0.027
1902616	Drill Core	5.54	<0.005	<1	29	135	623	1.2	8	3	528	0.82	3	<2	3	9.3	<3	<3	2	0.05	0.016

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902587	Drill Core	22	15	<0.01	101	0.001	<20	0.36	<0.01	0.17	<2	0.09	<1	<5	<5	<5			
1902588	Drill Core	9	14	<0.01	25	<0.001	<20	0.40	<0.01	0.04	<2	0.06	<1	<5	<5	<5			
1902589	Drill Core	6	9	<0.01	11	<0.001	<20	0.17	<0.01	0.02	<2	<0.05	<1	<5	<5	<5			
1902590	Drill Core	6	10	<0.01	12	<0.001	<20	0.10	<0.01	0.02	<2	<0.05	<1	<5	<5	<5			
1902591	Drill Core	9	12	<0.01	31	0.001	<20	0.27	<0.01	0.05	<2	0.07	<1	<5	<5	<5	1.98	0.19	
1902592	Drill Core	6	11	<0.01	15	<0.001	<20	0.15	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902593	Drill Core	10	12	0.03	27	0.001	<20	0.21	<0.01	0.05	<2	0.08	<1	<5	<5	<5			
1902594	Drill Core	6	10	0.05	18	<0.001	<20	0.09	<0.01	0.04	<2	0.21	<1	<5	<5	<5			
1902595	Drill Core	8	11	0.07	28	0.001	<20	0.17	<0.01	0.05	<2	0.22	<1	<5	<5	<5			
1902596	Drill Core	15	11	0.03	77	0.001	<20	0.29	<0.01	0.12	<2	0.15	<1	<5	<5	<5			
1902597	Drill Core	7	13	0.02	25	<0.001	<20	0.16	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902598	Drill Core	6	14	0.14	16	0.002	<20	0.19	<0.01	0.03	<2	0.24	<1	<5	<5	<5			
1902599	Drill Core	11	11	0.06	30	<0.001	<20	0.18	<0.01	0.06	<2	0.18	<1	<5	<5	<5			
1902600	Drill Core	7	5	0.50	62	0.094	<20	0.97	0.10	0.10	<2	<0.05	<1	<5	<5	<5			
1902601	Drill Core	14	10	0.11	65	0.001	<20	0.30	<0.01	0.13	<2	0.82	<1	<5	<5	<5			
1902602	Drill Core	10	10	0.08	57	<0.001	<20	0.26	<0.01	0.12	<2	0.51	<1	<5	<5	<5			
1902603	Drill Core	6	9	0.06	19	<0.001	<20	0.14	<0.01	0.04	<2	0.09	<1	<5	<5	<5			
1902604	Drill Core	20	14	0.21	65	<0.001	<20	0.53	<0.01	0.15	<2	0.60	<1	<5	<5	<5			
1902605	Drill Core	14	14	0.17	68	0.001	<20	0.45	<0.01	0.15	<2	0.61	<1	<5	<5	<5			
1902606	Drill Core	12	9	<0.01	51	<0.001	<20	0.26	<0.01	0.11	<2	0.40	<1	<5	<5	<5			
1902607	Drill Core	4	11	0.02	70	0.001	<20	0.35	<0.01	0.10	*	4.45	1	8	<5	<5	3.61	5.69	
1902608	Drill Core	5	10	0.02	16	<0.001	<20	0.12	<0.01	0.03	<2	0.43	<1	<5	<5	<5			
1902609	Drill Core	7	9	<0.01	19	<0.001	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902610	Drill Core	38	17	0.01	147	0.001	<20	0.60	0.01	0.24	<2	1.45	<1	<5	<5	<5			
1902611	Drill Core	4	7	<0.01	10	<0.001	<20	0.08	<0.01	0.02	<2	0.35	<1	<5	<5	<5			
1902612	Drill Core	21	3	0.38	235	0.016	<20	1.29	0.02	0.34	<2	0.67	<1	<5	<5	<5			
1902613	Drill Core	9	6	<0.01	32	0.001	<20	0.08	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902614	Drill Core	8	6	<0.01	37	0.001	<20	0.12	<0.01	0.07	<2	<0.05	<1	<5	<5	<5			
1902615	Drill Core	11	8	0.08	68	0.004	<20	0.35	<0.01	0.13	<2	0.19	<1	<5	<5	<5			
1902616	Drill Core	8	7	0.01	30	<0.001	<20	0.13	<0.01	0.06	<2	0.12	<1	<5	<5	<5			

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	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902617	Drill Core	4.90	<0.005	1	33	17	881	0.6	54	14	1237	4.02	6	8	25	4.7	<3	<3	27	0.70	0.079
1902618	Drill Core	4.47	<0.005	3	39	10	851	0.8	20	6	967	1.67	2	3	7	12.8	<3	<3	6	0.11	0.038
1902619	Drill Core	1.68	<0.005	3	32	79	345	0.7	23	5	1182	1.49	3	5	8	5.3	<3	<3	7	0.13	0.049
1902620	Drill Core	2.09	<0.005	3	32	71	398	0.7	23	5	1111	1.48	4	4	7	6.2	<3	<3	6	0.13	0.047
1902621	Drill Core	2.85	<0.005	2	17	93	517	1.1	13	3	827	1.09	2	2	5	5.6	<3	<3	4	0.08	0.029
1902622	Drill Core	4.28	<0.005	2	16	108	478	0.7	17	4	1323	1.36	4	2	5	6.0	<3	<3	6	0.09	0.033
1902623	Drill Core	1.93	0.007	4	84	710	>10000	3.0	22	10	3516	3.71	7	3	5	175.8	<3	<3	16	0.12	0.031
1902624	Drill Core	2.98	<0.005	3	37	739	4831	2.3	30	7	3149	2.95	3	4	7	47.7	<3	<3	15	0.14	0.041
1902625	Drill Core	2.07	0.011	<1	31	786	9070	4.1	23	9	7860	5.04	45	<2	3	91.0	4	<3	19	0.13	0.022
1902626	Drill Core	2.42	<0.005	1	18	11	299	0.5	29	6	660	1.63	2	5	8	5.4	<3	<3	8	0.15	0.057
1902627	Drill Core	3.48	<0.005	4	31	7	230	0.5	43	8	444	2.86	<2	8	15	2.7	<3	<3	9	0.51	0.065
1902628	Drill Core	3.31	<0.005	1	19	6	186	0.4	30	6	301	2.33	<2	5	19	1.6	<3	<3	8	0.74	0.089
1902629	Drill Core	3.62	<0.005	1	15	7	53	0.4	24	4	207	2.07	<2	6	51	0.6	<3	<3	7	2.72	0.059
1902630	Drill Core	3.47	<0.005	3	33	14	244	0.6	42	8	698	2.35	6	5	8	0.8	<3	<3	9	0.31	0.047
1902631	Drill Core	1.55	0.005	2	46	>10000	>10000	42.7	32	15	3760	4.97	22	2	4	89.9	23	<3	13	0.13	0.036
1902632	Drill Core	4.58	<0.005	<1	14	44	282	0.6	16	4	879	1.15	3	2	4	2.1	<3	<3	4	0.08	0.030
1902633	Drill Core	3.26	<0.005	<1	10	33	134	0.4	13	3	438	1.07	7	2	4	0.9	<3	<3	4	0.09	0.035
1902634	Drill Core	5.44	<0.005	1	17	13	67	0.5	27	5	153	2.29	<2	5	34	0.6	<3	<3	7	1.55	0.070
1902635	Drill Core	5.23	<0.005	6	26	15	71	0.4	26	4	498	1.71	2	3	196	1.0	<3	<3	9	5.69	0.053
1902636	Drill Core	3.77	<0.005	3	35	13	66	<0.3	28	5	565	1.97	<2	4	78	<0.5	<3	<3	12	1.78	0.042
1902637	Drill Core	3.66	<0.005	1	75	5	88	0.4	45	12	787	2.28	2	5	31	<0.5	<3	<3	22	0.28	0.037
1902638	Drill Core	3.42	<0.005	<1	120	9	76	0.4	27	8	1464	2.04	<2	3	25	<0.5	<3	<3	18	0.46	0.027
1902639	Drill Core	4.07	<0.005	<1	61	166	85	0.9	29	9	1770	2.13	6	2	28	<0.5	<3	<3	19	0.56	0.026
1902640	Rock Pulp	0.08	1.064	17	2754	>10000	4250	85.7	34	23	1664	6.75	114	5	12	30.4	59	16	47	0.93	0.042
1902641	Drill Core	4.82	0.007	14	81	240	1328	2.2	63	13	1731	4.12	5	6	19	10.1	<3	<3	24	0.35	0.030
1902642	Drill Core	5.06	0.005	2	65	7	101	0.5	57	12	396	3.61	18	6	20	<0.5	<3	<3	15	0.17	0.031
1902643	Drill Core	4.13	0.006	5	65	11	147	0.6	62	13	400	4.22	4	7	15	0.9	<3	<3	16	0.12	0.032
1902644	Drill Core	4.13	0.006	8	63	9	100	0.7	56	13	342	3.99	3	6	13	<0.5	<3	<3	14	0.16	0.031
1902645	Drill Core	1.37	0.005	11	119	2373	4246	7.8	51	10	6611	4.67	8	5	72	34.8	<3	<3	34	2.60	0.025
1902646	Drill Core	1.21	<0.005	8	78	95	1186	2.0	59	13	1205	3.68	<2	6	25	12.1	<3	<3	19	0.64	0.028

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902617	Drill Core	27	37	0.59	108	0.002	<20	1.68	0.02	0.21	<2	1.07	<1	<5	<5	<5			
1902618	Drill Core	12	10	0.02	86	0.001	<20	0.28	<0.01	0.13	<2	0.83	<1	<5	<5	<5			
1902619	Drill Core	16	10	0.02	114	0.001	<20	0.35	<0.01	0.16	<2	0.68	<1	<5	<5	<5			
1902620	Drill Core	15	9	0.02	107	0.001	<20	0.31	<0.01	0.15	<2	0.73	<1	<5	<5	<5			
1902621	Drill Core	10	7	0.01	74	<0.001	<20	0.22	<0.01	0.11	<2	0.32	<1	<5	<5	<5			
1902622	Drill Core	10	10	0.02	95	0.001	<20	0.24	<0.01	0.10	<2	0.38	<1	<5	<5	<5			
1902623	Drill Core	6	18	0.09	69	0.002	<20	0.36	<0.01	0.06	<2	1.73	<1	<5	<5	<5	0.07	2.06	
1902624	Drill Core	13	17	0.06	161	0.002	<20	0.44	<0.01	0.12	<2	0.67	<1	<5	<5	<5			
1902625	Drill Core	5	20	0.09	21	<0.001	<20	0.42	<0.01	0.03	<2	1.28	<1	8	<5	<5			
1902626	Drill Core	19	11	0.03	74	<0.001	<20	0.42	<0.01	0.12	<2	0.88	<1	<5	<5	<5			
1902627	Drill Core	29	11	0.21	114	<0.001	<20	0.63	0.01	0.16	<2	1.48	<1	<5	<5	<5			
1902628	Drill Core	26	13	0.24	109	<0.001	<20	0.61	0.01	0.16	<2	1.14	<1	<5	<5	<5			
1902629	Drill Core	23	12	0.27	88	<0.001	<20	0.58	0.01	0.14	<2	1.01	<1	<5	<5	<5			
1902630	Drill Core	22	14	0.26	105	<0.001	<20	0.57	<0.01	0.18	<2	1.28	<1	<5	<5	<5			
1902631	Drill Core	7	14	0.07	64	0.001	<20	0.34	<0.01	0.09	<2	3.41	<1	<5	<5	<5	2.16	1.07	
1902632	Drill Core	9	7	0.02	55	<0.001	<20	0.20	<0.01	0.10	<2	0.41	<1	<5	<5	<5			
1902633	Drill Core	9	7	0.02	61	<0.001	<20	0.22	<0.01	0.10	<2	0.57	<1	<5	<5	<5			
1902634	Drill Core	22	11	0.26	91	<0.001	<20	0.66	<0.01	0.15	<2	1.26	<1	<5	<5	<5			
1902635	Drill Core	16	11	0.37	374	0.002	<20	0.40	<0.01	0.14	<2	1.01	<1	<5	<5	<5			
1902636	Drill Core	16	15	0.46	458	0.003	<20	0.76	<0.01	0.16	<2	0.74	<1	<5	<5	<5			
1902637	Drill Core	18	22	0.79	744	0.019	<20	1.41	<0.01	0.23	<2	0.09	<1	<5	<5	<5			
1902638	Drill Core	8	19	0.74	377	0.023	<20	1.24	<0.01	0.16	<2	0.14	<1	<5	<5	<5			
1902639	Drill Core	9	18	0.67	530	0.015	<20	1.19	<0.01	0.13	<2	0.23	<1	<5	<5	<5			
1902640	Rock Pulp	18	34	1.48	52	0.082	<20	1.89	0.05	0.34	<2	3.03	<1	<5	6	<5	1.33	0.44	
1902641	Drill Core	18	22	0.75	116	0.004	<20	1.35	<0.01	0.20	<2	1.89	<1	<5	<5	<5			
1902642	Drill Core	15	18	0.71	188	0.002	<20	1.01	0.01	0.16	<2	1.82	<1	<5	<5	<5			
1902643	Drill Core	16	19	0.71	76	0.002	<20	1.10	0.01	0.19	<2	2.43	<1	<5	<5	<5			
1902644	Drill Core	11	15	0.54	81	0.002	<20	0.90	<0.01	0.18	<2	2.41	<1	<5	<5	<5			
1902645	Drill Core	6	28	0.57	476	0.004	<20	1.77	<0.01	0.16	<2	1.24	<1	<5	5	<5			
1902646	Drill Core	20	19	0.66	153	0.003	<20	1.11	<0.01	0.20	<2	2.10	<1	<5	<5	<5			

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902647	Drill Core	5.27	<0.005	12	61	17	117	0.5	51	10	420	3.31	17	6	18	<0.5	<3	<3	15	0.23	0.032
1902648	Drill Core	3.27	<0.005	8	56	20	200	1.0	45	9	787	2.84	11	5	27	1.3	<3	<3	16	0.65	0.029
1902649	Drill Core	5.52	0.006	12	70	9	239	0.8	56	12	393	3.31	40	7	14	2.3	<3	<3	14	0.24	0.031
1902650	Drill Core	4.46	<0.005	3	14	23	46	0.4	13	2	454	0.94	2	2	58	<0.5	<3	<3	5	2.51	0.030
1902651	Drill Core	4.78	<0.005	<1	4	104	119	0.5	3	<1	376	0.50	3	<2	36	0.9	<3	<3	2	2.09	0.021
1902652	Drill Core	4.21	<0.005	<1	5	80	59	0.4	4	1	275	0.58	3	<2	42	<0.5	<3	<3	2	1.98	0.016
1902653	Drill Core	4.45	<0.005	1	12	22	35	0.5	12	2	210	1.07	4	3	21	<0.5	<3	<3	5	1.11	0.025
1902654	Drill Core	4.96	<0.005	<1	4	53	168	0.6	3	<1	331	0.51	6	<2	20	0.7	<3	<3	2	1.29	0.017
1902655	Drill Core	3.06	0.005	4	13	269	357	1.1	11	2	1108	1.15	4	2	18	1.5	<3	<3	4	1.10	0.017
1902656	Drill Core	5.46	0.014	2	10	17	122	0.9	14	3	284	1.30	9	3	56	<0.5	<3	<3	4	3.69	0.048
1902657	Drill Core	5.44	0.006	1	11	17	47	0.9	14	3	178	1.41	10	3	43	<0.5	<3	<3	5	2.78	0.049
1902658	Drill Core	4.04	<0.005	<1	9	23	255	0.7	13	3	380	1.35	8	2	16	<0.5	<3	<3	4	0.98	0.027
1902659	Drill Core	0.76	<0.005	<1	24	685	1613	2.0	12	3	1195	0.99	3	<2	9	8.4	<3	<3	5	0.72	0.027
1902660	Drill Core	0.88	<0.005	<1	17	552	2112	1.9	14	3	934	1.10	4	2	9	13.0	<3	<3	6	0.73	0.030
1902661	Drill Core	1.55	<0.005	1	26	506	>10000	2.1	19	10	4979	3.97	39	<2	21	144.7	13	<3	9	4.16	0.018
1902662	Drill Core	5.65	<0.005	<1	13	43	203	0.6	14	3	589	0.99	<2	2	53	<0.5	<3	<3	4	3.16	0.044
1902663	Drill Core	2.77	0.010	3	108	15	442	1.2	100	14	955	4.43	12	7	14	1.6	<3	<3	21	0.33	0.091
1902664	Drill Core	2.84	<0.005	3	111	17	209	1.1	37	12	1705	3.48	11	3	26	<0.5	<3	<3	24	0.68	0.060
1902665	Drill Core	3.74	0.009	2	70	12	205	0.7	84	16	799	3.70	45	10	16	0.9	<3	<3	21	0.25	0.090
1902666	Drill Core	2.88	<0.005	2	23	10	35	<0.3	15	3	468	1.13	6	2	111	<0.5	<3	<3	7	2.64	0.033
1902667	Drill Core	4.63	<0.005	2	72	9	88	0.3	40	10	881	2.42	<2	4	51	<0.5	<3	<3	18	0.81	0.034
1902668	Drill Core	3.96	<0.005	3	63	48	130	1.2	49	14	2031	3.10	5	8	22	0.6	<3	<3	27	0.42	0.038
1902669	Drill Core	2.60	<0.005	<1	32	83	129	0.9	27	8	4389	2.12	<2	5	103	0.8	<3	<3	23	1.71	0.043
1902670	Drill Core	4.76	<0.005	8	198	14	91	0.5	41	16	1042	2.61	<2	4	19	<0.5	<3	<3	19	0.29	0.027
1902671	Drill Core	3.57	<0.005	10	141	25	89	0.4	38	15	957	2.74	<2	4	27	<0.5	<3	<3	19	0.41	0.028
1902672	Drill Core	3.71	<0.005	<1	61	375	576	2.8	28	9	1640	2.75	7	3	14	4.4	<3	<3	20	0.30	0.023
1902673	Drill Core	3.67	0.006	3	116	102	735	1.3	40	13	1476	3.46	3	5	21	5.4	<3	<3	27	0.23	0.028
1902674	Drill Core	5.06	0.009	4	144	12	93	<0.3	38	13	783	2.56	<2	4	37	<0.5	<3	<3	21	0.32	0.026
1902675	Drill Core	4.32	0.008	<1	125	10	94	<0.3	42	16	869	2.38	<2	4	27	<0.5	<3	<3	24	0.18	0.027
1902676	Drill Core	5.72	0.007	1	102	10	72	<0.3	32	12	1341	2.35	<2	3	26	<0.5	<3	<3	20	0.48	0.034

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000538.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902647	Drill Core	12	17	0.63	314	0.002	<20	0.97	0.01	0.16	<2	1.69	<1	<5	<5	<5			
1902648	Drill Core	15	17	0.60	498	0.002	<20	0.93	<0.01	0.17	<2	1.33	<1	<5	<5	<5			
1902649	Drill Core	20	16	0.61	135	0.002	<20	0.92	<0.01	0.18	<2	1.87	<1	<5	<5	<5			
1902650	Drill Core	10	7	0.08	164	0.001	<20	0.23	<0.01	0.09	<2	0.46	<1	<5	<5	<5			
1902651	Drill Core	5	5	0.02	30	<0.001	<20	0.08	<0.01	0.04	<2	0.18	<1	<5	<5	<5			
1902652	Drill Core	6	5	0.03	31	<0.001	<20	0.10	<0.01	0.05	<2	0.17	<1	<5	<5	<5			
1902653	Drill Core	9	9	0.15	78	0.001	<20	0.32	<0.01	0.11	<2	0.49	<1	<5	<5	<5			
1902654	Drill Core	4	4	0.02	15	<0.001	<20	0.05	<0.01	0.03	<2	0.19	<1	<5	<5	<5			
1902655	Drill Core	7	7	0.12	48	<0.001	<20	0.20	<0.01	0.08	<2	0.48	<1	<5	<5	<5			
1902656	Drill Core	11	6	0.10	63	<0.001	<20	0.28	<0.01	0.11	<2	0.95	<1	<5	<5	<5			
1902657	Drill Core	13	7	0.10	60	<0.001	<20	0.29	<0.01	0.12	<2	0.93	<1	<5	<5	<5			
1902658	Drill Core	8	7	0.08	56	<0.001	<20	0.22	<0.01	0.10	<2	0.74	<1	<5	<5	<5			
1902659	Drill Core	7	7	0.05	36	0.001	<20	0.22	<0.01	0.06	<2	0.28	<1	<5	<5	<5			
1902660	Drill Core	8	9	0.04	54	0.001	<20	0.27	<0.01	0.09	<2	0.42	<1	<5	<5	<5			
1902661	Drill Core	4	11	0.10	29	<0.001	<20	0.37	<0.01	0.04	<2	3.16	<1	8	<5	<5	0.06	2.19	
1902662	Drill Core	8	6	0.08	79	<0.001	<20	0.25	<0.01	0.11	<2	0.61	<1	<5	<5	<5			
1902663	Drill Core	28	22	0.76	155	0.002	<20	1.15	<0.01	0.21	<2	2.27	<1	<5	<5	<5			
1902664	Drill Core	9	18	1.15	415	0.004	<20	1.53	<0.01	0.17	<2	1.28	<1	<5	<5	<5			
1902665	Drill Core	34	25	0.89	421	0.003	<20	1.33	<0.01	0.20	<2	1.57	<1	<5	<5	<5			
1902666	Drill Core	10	10	0.22	262	0.002	<20	0.39	<0.01	0.10	<2	0.46	<1	<5	<5	<5			
1902667	Drill Core	13	18	0.72	633	0.013	<20	1.18	<0.01	0.16	<2	0.58	<1	<5	<5	<5			
1902668	Drill Core	22	25	1.04	623	0.027	<20	1.89	<0.01	0.19	<2	0.07	<1	<5	5	<5			
1902669	Drill Core	12	22	0.88	347	0.015	<20	1.26	0.02	0.11	<2	<0.05	<1	<5	<5	<5			
1902670	Drill Core	10	20	0.74	538	0.023	<20	1.29	<0.01	0.11	<2	0.39	<1	<5	<5	<5			
1902671	Drill Core	13	21	0.74	722	0.019	<20	1.40	<0.01	0.13	<2	0.37	<1	<5	5	<5			
1902672	Drill Core	8	17	0.58	417	0.010	<20	1.29	<0.01	0.10	<2	0.15	<1	<5	<5	<5			
1902673	Drill Core	13	26	0.85	761	0.022	<20	1.75	<0.01	0.13	<2	0.20	<1	<5	6	<5			
1902674	Drill Core	7	22	0.81	789	0.028	<20	1.45	<0.01	0.12	<2	0.28	<1	<5	5	<5			
1902675	Drill Core	7	24	0.78	1082	0.033	<20	1.47	0.01	0.15	<2	0.25	<1	<5	6	<5			
1902676	Drill Core	6	19	0.84	431	0.024	<20	1.42	<0.01	0.09	<2	0.22	<1	<5	5	<5			

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000538.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1902550	Drill Core	3.97	<0.005	<1	29	57	273	1.9	5	1	77	1.81	7	8	55	3.4	<3	<3	11	0.07	0.079
REP 1902550	QC			<1	29	56	276	1.9	5	1	76	1.81	7	9	55	3.4	<3	<3	10	0.07	0.080
1902551	Drill Core	3.01	<0.005	<1	19	17	360	1.3	9	2	119	2.10	5	9	30	3.8	<3	<3	9	0.07	0.094
REP 1902551	QC		<0.005																		
1902568	Drill Core	3.71	0.023	3	110	>10000	425	7.4	12	3	637	1.41	16	5	10	2.1	15	<3	8	<0.01	0.092
REP 1902568	QC																				
1902575	Drill Core	4.13	<0.005	3	12	27	352	0.7	8	3	190	1.65	5	4	22	17.6	<3	<3	8	0.01	0.040
REP 1902575	QC		<0.005																		
1902584	Drill Core	2.32	<0.005	<1	103	6280	720	12.7	5	<1	437	1.19	2	<2	2	5.4	13	<3	5	0.05	0.028
REP 1902584	QC			<1	103	6378	727	12.6	5	<1	437	1.21	3	<2	2	5.5	13	<3	5	0.05	0.029
1902619	Drill Core	1.68	<0.005	3	32	79	345	0.7	23	5	1182	1.49	3	5	8	5.3	<3	<3	7	0.13	0.049
REP 1902619	QC			3	31	77	340	0.7	23	5	1175	1.47	3	4	8	5.2	<3	<3	7	0.13	0.049
1902625	Drill Core	2.07	0.011	<1	31	786	9070	4.1	23	9	7860	5.04	45	<2	3	91.0	4	<3	19	0.13	0.022
REP 1902625	QC		0.011																		
1902631	Drill Core	1.55	0.005	2	46	>10000	>10000	42.7	32	15	3760	4.97	22	2	4	89.9	23	<3	13	0.13	0.036
REP 1902631	QC																				
1902649	Drill Core	5.52	0.006	12	70	9	239	0.8	56	12	393	3.31	40	7	14	2.3	<3	<3	14	0.24	0.031
REP 1902649	QC		<0.005																		
1902654	Drill Core	4.96	<0.005	<1	4	53	168	0.6	3	<1	331	0.51	6	<2	20	0.7	<3	<3	2	1.29	0.017
REP 1902654	QC			<1	4	53	164	0.6	3	<1	328	0.54	6	<2	20	0.7	<3	<3	1	1.26	0.017
1902673	Drill Core	3.67	0.006	3	116	102	735	1.3	40	13	1476	3.46	3	5	21	5.4	<3	<3	27	0.23	0.028
REP 1902673	QC			3	118	102	753	1.3	41	14	1507	3.56	3	5	21	5.5	<3	<3	28	0.24	0.029
Core Reject Duplicates																					
1902531	Drill Core	3.57	<0.005	2	10	738	70	1.6	2	1	53	0.82	9	4	22	<0.5	<3	<3	8	0.01	0.024
DUP 1902531	QC		<0.005	2	11	776	77	1.5	2	1	55	0.86	9	4	24	<0.5	<3	<3	8	0.01	0.026
1902565	Drill Core	5.65	<0.005	<1	128	14	628	1.1	66	26	1736	3.08	<2	6	30	15.7	<3	<3	32	0.10	0.046
DUP 1902565	QC		<0.005	<1	120	13	588	0.9	62	24	1639	2.96	<2	6	29	14.7	<3	<3	30	0.10	0.044
1902599	Drill Core	5.05	<0.005	<1	13	167	681	0.8	10	2	652	1.11	<2	3	14	2.8	<3	<3	3	0.61	0.022

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000538.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
Pulp Duplicates																			
1902550	Drill Core	33	17	0.17	99	<0.001	<20	0.63	0.01	0.15	<2	<0.05	<1	<5	<5	<5			
REP 1902550	QC	34	17	0.17	99	0.001	<20	0.62	0.01	0.15	<2	<0.05	<1	<5	<5	<5			
1902551	Drill Core	30	18	0.04	113	<0.001	<20	0.49	0.01	0.18	<2	<0.05	<1	<5	<5	<5			
REP 1902551	QC																		
1902568	Drill Core	15	14	0.01	135	0.001	<20	0.40	<0.01	0.08	<2	0.19	<1	<5	<5	<5	1.16	0.04	
REP 1902568	QC																1.15	0.04	
1902575	Drill Core	18	12	0.02	412	0.002	<20	0.29	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
REP 1902575	QC																		
1902584	Drill Core	5	12	<0.01	10	<0.001	<20	0.23	<0.01	0.02	<2	0.05	<1	<5	<5	<5			
REP 1902584	QC	5	11	<0.01	10	<0.001	<20	0.22	<0.01	0.02	<2	0.05	<1	<5	<5	<5			
1902619	Drill Core	16	10	0.02	114	0.001	<20	0.35	<0.01	0.16	<2	0.68	<1	<5	<5	<5			
REP 1902619	QC	16	10	0.02	109	0.001	<20	0.33	<0.01	0.15	<2	0.67	<1	<5	<5	<5			
1902625	Drill Core	5	20	0.09	21	<0.001	<20	0.42	<0.01	0.03	<2	1.28	<1	8	<5	<5			
REP 1902625	QC																		
1902631	Drill Core	7	14	0.07	64	0.001	<20	0.34	<0.01	0.09	<2	3.41	<1	<5	<5	<5	2.16	1.07	
REP 1902631	QC																2.17	1.07	
1902649	Drill Core	20	16	0.61	135	0.002	<20	0.92	<0.01	0.18	<2	1.87	<1	<5	<5	<5			
REP 1902649	QC																		
1902654	Drill Core	4	4	0.02	15	<0.001	<20	0.05	<0.01	0.03	<2	0.19	<1	<5	<5	<5			
REP 1902654	QC	4	5	0.02	15	<0.001	<20	0.05	<0.01	0.03	<2	0.18	<1	<5	<5	<5			
1902673	Drill Core	13	26	0.85	761	0.022	<20	1.75	<0.01	0.13	<2	0.20	<1	<5	6	<5			
REP 1902673	QC	13	26	0.87	765	0.022	<20	1.79	<0.01	0.13	<2	0.21	<1	<5	7	<5			
Core Reject Duplicates																			
1902531	Drill Core	17	10	0.01	86	<0.001	<20	0.29	<0.01	0.14	<2	<0.05	<1	<5	<5	<5			
DUP 1902531	QC	18	11	0.01	88	<0.001	<20	0.29	<0.01	0.14	<2	<0.05	<1	<5	<5	<5			
1902565	Drill Core	27	32	0.91	1219	0.027	<20	1.79	<0.01	0.23	<2	<0.05	<1	<5	6	<5			
DUP 1902565	QC	25	30	0.86	1177	0.027	<20	1.70	<0.01	0.22	<2	<0.05	<1	<5	6	<5			
1902599	Drill Core	11	11	0.06	30	<0.001	<20	0.18	<0.01	0.06	<2	0.18	<1	<5	<5	<5			

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Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000538.2

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
DUP 1902599	QC		<0.005	<1	13	128	669	0.7	11	2	667	1.18	<2	3	13	2.6	<3	<3	3	0.58	0.023
1902633	Drill Core	3.26	<0.005	<1	10	33	134	0.4	13	3	438	1.07	7	2	4	0.9	<3	<3	4	0.09	0.035
DUP 1902633	QC		<0.005	<1	11	14	127	0.3	14	3	437	1.08	7	3	4	0.9	<3	<3	4	0.09	0.036
1902667	Drill Core	4.63	<0.005	2	72	9	88	0.3	40	10	881	2.42	<2	4	51	<0.5	<3	<3	18	0.81	0.034
DUP 1902667	QC		<0.005	2	71	11	86	0.3	40	10	868	2.37	<2	4	57	<0.5	<3	<3	17	0.93	0.036
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard			10	4397	185	1697	2.3	162	23	706	3.72	117	13	55	6.0	<3	24	74	1.29	0.071
STD BVGEO01	Standard			10	4342	182	1680	2.4	158	23	707	3.61	113	13	54	6.3	<3	26	70	1.28	0.072
STD DS11	Standard			14	147	141	344	1.6	77	13	1035	3.13	44	7	68	2.5	6	13	48	1.06	0.071
STD DS11	Standard			14	152	140	358	1.5	79	13	1072	3.25	44	7	70	2.3	6	11	50	1.09	0.071
STD DS11	Standard			16	152	143	362	1.6	82	14	1084	3.28	45	8	72	2.7	6	14	52	1.11	0.075
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS262	Standard			<1	114	55	147	0.4	61	26	528	3.23	35	9	35	1.0	<3	<3	21	2.92	0.038
STD OREAS262	Standard			<1	115	53	146	0.4	61	25	518	3.23	35	8	35	0.6	<3	<3	21	2.91	0.038
STD OREAS262	Standard			<1	119	58	152	0.5	65	27	539	3.38	37	9	36	0.8	<3	<3	23	3.02	0.041
STD OREAS262	Standard			<1	115	54	148	0.4	61	26	537	3.22	35	9	35	1.0	<3	3	21	2.94	0.038
STD OREAS262	Standard			<1	119	57	153	0.4	64	27	553	3.38	37	10	36	1.0	<3	4	22	3.04	0.040
STD OXB130	Standard		0.119																		
STD OXB130	Standard		0.127																		
STD OXC152	Standard		0.218																		
STD OXC152	Standard		0.217																		
STD OXC152	Standard		0.219																		
STD OXI138	Standard		1.812																		
STD OXI138	Standard		1.826																		
STD OXI138	Standard		1.862																		

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000538.2

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	MA404 Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20
DUP 1902599	QC	11	13	0.06	31	<0.001	<20	0.18	<0.01	0.07	<2	0.18	<1	<5	<5	<5			
1902633	Drill Core	9	7	0.02	61	<0.001	<20	0.22	<0.01	0.10	<2	0.57	<1	<5	<5	<5			
DUP 1902633	QC	9	6	0.02	60	<0.001	<20	0.22	<0.01	0.10	<2	0.59	<1	<5	<5	<5			
1902667	Drill Core	13	18	0.72	633	0.013	<20	1.18	<0.01	0.16	<2	0.58	<1	<5	<5	<5			
DUP 1902667	QC	13	17	0.70	572	0.012	<20	1.12	<0.01	0.14	<2	0.61	<1	<5	<5	<5			
Reference Materials																			
STD AGPROOF	Standard																		97
STD BVGEO01	Standard	25	170	1.30	333	0.225	<20	2.31	0.19	0.90	<2	0.67	<1	<5	6	6			
STD BVGEO01	Standard	24	172	1.26	350	0.230	<20	2.26	0.18	0.86	4	0.66	<1	<5	7	6			
STD DS11	Standard	18	60	0.84	437	0.095	<20	1.18	0.07	0.40	3	0.28	<1	6	<5	<5			
STD DS11	Standard	18	61	0.87	451	0.096	<20	1.24	0.08	0.42	<2	0.29	<1	6	6	<5			
STD DS11	Standard	19	64	0.88	455	0.098	<20	1.26	0.08	0.42	2	0.30	<1	6	6	<5			
STD OREAS134B	Standard																13.76	17.93	
STD OREAS133A	Standard																4.85	11.02	
STD OREAS134B	Standard																13.38	17.99	
STD OREAS133A	Standard																5.00	11.10	
STD OREAS262	Standard	17	42	1.15	266	0.003	<20	1.33	0.07	0.32	<2	0.26	<1	<5	<5	<5			
STD OREAS262	Standard	16	42	1.16	249	0.003	<20	1.28	0.07	0.31	<2	0.26	<1	<5	<5	<5			
STD OREAS262	Standard	18	46	1.20	258	0.003	<20	1.34	0.07	0.32	<2	0.27	<1	<5	6	<5			
STD OREAS262	Standard	16	43	1.16	265	0.003	<20	1.32	0.07	0.31	<2	0.26	<1	<5	<5	<5			
STD OREAS262	Standard	17	45	1.20	277	0.003	<20	1.40	0.07	0.34	<2	0.27	<1	<5	6	<5			
STD OXB130	Standard																		
STD OXB130	Standard																		
STD OXC152	Standard																		
STD OXC152	Standard																		
STD OXC152	Standard																		
STD OXI138	Standard																		
STD OXI138	Standard																		
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		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
STD OXI138	Standard		1.844																		
STD OXI138	Standard		1.937																		
STD OXN134	Standard		7.783																		
STD OXN134	Standard		7.757																		
STD OXN134	Standard		7.787																		
STD OXN134	Standard		7.643																		
STD OXN134	Standard		8.014																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD OXC152 Expected			0.216																		
STD OXN134 Expected			7.667																		
STD OXI138 Expected			1.86																		
STD OXB130 Expected			0.125																		
STD OREAS134B Expected																					
STD OREAS133A Expected																					
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		0.006																		

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		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	MA404 Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20
STD OXI138	Standard																		
STD OXI138	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OXQ114	Standard																		126
STD SP49	Standard																		66
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97			
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1			
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24			
STD OXC152 Expected																			
STD OXN134 Expected																			
STD OXI138 Expected																			
STD OXB130 Expected																			
STD OREAS134B Expected																	13.36	18.03	
STD OREAS133A Expected																	4.9	10.87	
STD AGPROOF Expected																			94
STD SP49 Expected																			60.2
STD OXQ114 Expected																			127.1
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank																		
BLK	Blank																		
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		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		0.006																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	1	3	<3	32	<0.3	1	4	591	2.17	<2	2	27	<0.5	<3	<3	28	0.75	0.042
ROCK-WHI	Prep Blank		<0.005	<1	2	<3	31	<0.3	2	4	621	2.21	<2	3	27	<0.5	<3	<3	31	0.79	0.043

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000538.2

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	MA404 Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																<0.01	<0.01	
BLK	Blank																<0.01	<0.01	
BLK	Blank																		<20
Prep Wash																			
ROCK-WHI	Prep Blank	7	4	0.56	65	0.099	<20	1.06	0.10	0.11	<2	<0.05	<1	<5	<5	<5			
ROCK-WHI	Prep Blank	7	5	0.58	69	0.102	<20	1.08	0.10	0.11	<2	<0.05	<1	<5	5	<5			

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 20, 2019
Report Date: October 04, 2019
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI19000576.1

CLIENT JOB INFORMATION

Project: ANZ19-01
Shipment ID: ANZ19-01005
P.O. Number ANZ19-01005
Number of Samples: 80

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	79	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	80	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	80	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	80	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	80	Per sample shipping charges for branch shipments			VAN
SLBHP	1	Sort, label and box pulps			WHI
MA404	6	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC:

MAY LAI
Data Validation Specialist

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902761	Drill Core	3.98	0.011	3	54	8	140	0.4	44	8	422	2.64	237	5	18	0.9	<3	<3	22	0.18	0.049
1902762	Drill Core	3.39	0.015	3	80	8	209	0.4	64	8	533	2.97	333	4	22	1.0	<3	<3	29	0.36	0.021
1902763	Drill Core	3.59	0.011	3	69	13	175	0.5	57	6	172	2.40	134	5	14	0.9	<3	<3	25	0.06	0.023
1902764	Drill Core	4.28	0.013	4	89	11	459	0.4	96	11	564	3.65	452	5	16	2.0	<3	<3	41	0.15	0.061
1902765	Drill Core	4.00	0.005	2	37	8	147	<0.3	46	6	360	1.64	53	5	22	0.9	<3	<3	17	0.39	0.028
1902766	Drill Core	3.76	0.319	<1	52	16	89	0.6	37	8	337	3.14	2400	4	16	<0.5	<3	<3	19	0.27	0.042
1902767	Drill Core	4.29	0.052	<1	22	12	58	0.3	30	6	289	1.90	1545	5	15	<0.5	<3	<3	15	0.20	0.033
1902768	Drill Core	3.66	0.009	2	49	8	144	0.4	73	9	463	2.69	64	5	13	0.9	<3	<3	24	0.10	0.033
1902769	Drill Core	1.76	0.006	3	63	9	156	0.4	110	11	472	3.08	135	7	18	0.6	<3	<3	26	0.20	0.081
1902770	Drill Core	4.16	0.017	<1	12	7	236	<0.3	24	1	120	1.51	403	3	29	2.1	<3	<3	8	0.05	0.028
1902771	Drill Core	1.59	0.011	<1	5	5	157	<0.3	32	3	244	2.51	185	3	10	1.0	<3	<3	24	0.04	0.019
1902772	Drill Core	2.82	0.025	<1	20	188	296	2.4	39	6	643	1.75	2859	4	6	4.8	<3	<3	6	0.06	0.026
1902773	Drill Core	4.45	0.012	<1	32	16	352	0.7	53	12	2421	2.45	508	8	14	2.5	<3	<3	10	0.17	0.070
1902774	Drill Core	4.20	0.025	4	61	62	691	1.6	72	17	3253	4.09	175	9	11	1.6	<3	<3	54	0.21	0.073
1902775	Drill Core	4.47	0.040	<1	160	2043	3907	7.7	77	25	>10000	8.71	141	<2	14	44.2	4	<3	201	0.51	0.055
1902776	Drill Core	4.66	0.192	<1	89	>10000	2100	80.1	8	3	>10000	4.78	287	<2	2	33.0	11	<3	13	0.16	0.009
1902777	Drill Core	4.57	0.145	<1	17	6162	1719	28.8	5	2	>10000	4.63	244	<2	1	28.5	11	<3	4	0.18	0.010
1902778	Drill Core	4.25	0.081	<1	48	>10000	2745	53.7	8	3	>10000	6.41	636	<2	2	56.1	13	<3	9	0.22	0.023
1902779	Drill Core	1.86	0.109	<1	35	>10000	4890	70.4	16	5	>10000	10.29	904	<2	2	83.4	24	<3	15	0.22	0.031
1902780	Drill Core	2.10	0.082	<1	34	>10000	5149	70.7	18	5	>10000	11.18	931	<2	2	71.5	25	<3	13	0.19	0.031
1902781	Drill Core	3.98	0.035	1	15	2639	5946	8.3	34	15	>10000	10.32	1907	<2	72	45.6	13	<3	13	0.23	0.150
1902782	Drill Core	3.75	0.007	<1	3	510	2799	2.7	16	11	>10000	6.45	399	<2	82	17.5	3	<3	6	0.09	0.093
1902783	Drill Core	2.63	0.019	1	10	1027	6543	15.9	38	15	>10000	17.42	1816	<2	121	32.8	16	<3	10	0.21	0.349
1902784	Drill Core	3.63	0.008	1	3	288	4529	4.0	37	31	>10000	12.08	517	<2	149	54.9	7	<3	10	0.25	0.179
1902785	Drill Core	2.65	0.022	2	3	163	>10000	8.9	46	71	>10000	32.17	838	<2	379	119.0	9	<3	13	0.24	0.175
1902786	Drill Core	3.55	0.015	<1	11	522	2077	8.8	14	8	>10000	5.12	173	3	50	16.7	<3	<3	13	0.08	0.063
1902787	Drill Core	3.81	<0.005	<1	3	219	864	3.4	10	3	2568	1.58	89	<2	11	5.8	<3	<3	10	0.09	0.047
1902788	Drill Core	4.02	<0.005	<1	1	190	374	3.8	5	2	699	1.14	75	<2	5	3.0	<3	<3	5	0.05	0.034
1902789	Drill Core	3.56	<0.005	<1	1	353	510	3.5	4	3	2383	0.97	27	<2	7	4.6	<3	<3	4	0.05	0.026
1902790	Drill Core	1.76	0.008	<1	1	214	2724	1.0	9	9	>10000	4.02	42	<2	119	17.0	<3	<3	4	0.05	0.025

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902761	Drill Core	17	20	0.62	241	0.002	<20	1.15	0.01	0.14	<2	0.58	<1	<5	<5	<5			
1902762	Drill Core	12	20	0.86	298	0.002	<20	1.32	0.01	0.14	<2	0.51	<1	<5	<5	<5			
1902763	Drill Core	14	21	0.60	340	0.001	<20	1.18	0.01	0.15	<2	0.49	<1	<5	<5	<5			
1902764	Drill Core	19	25	0.62	242	0.002	<20	1.37	<0.01	0.12	<2	0.61	<1	<5	<5	<5			
1902765	Drill Core	17	13	0.36	172	0.001	<20	0.73	<0.01	0.12	<2	0.11	<1	<5	<5	<5			
1902766	Drill Core	13	17	0.56	164	0.002	<20	1.08	<0.01	0.12	<2	1.06	<1	<5	<5	<5			
1902767	Drill Core	18	14	0.41	207	0.002	<20	0.91	<0.01	0.14	<2	0.24	<1	<5	<5	<5			
1902768	Drill Core	17	21	0.56	154	0.001	<20	1.07	0.02	0.10	<2	1.00	<1	<5	<5	<5			
1902769	Drill Core	27	22	0.59	214	0.001	<20	1.26	0.02	0.13	<2	1.13	<1	<5	<5	<5			
1902770	Drill Core	14	11	0.16	56	0.001	<20	0.56	<0.01	0.06	<2	<0.05	<1	<5	<5	<5			
1902771	Drill Core	13	10	0.58	91	0.002	<20	1.37	<0.01	0.12	<2	<0.05	<1	<5	<5	<5			
1902772	Drill Core	10	6	0.10	74	<0.001	<20	0.49	<0.01	0.08	<2	1.07	<1	<5	<5	<5			
1902773	Drill Core	24	9	0.15	146	0.001	<20	0.56	<0.01	0.18	<2	1.52	<1	<5	<5	<5			
1902774	Drill Core	20	28	0.66	110	<0.001	<20	1.40	<0.01	0.18	<2	1.95	<1	<5	<5	<5			
1902775	Drill Core	6	77	2.33	84	0.081	<20	4.32	0.01	0.13	<2	0.16	<1	18	8	18			
1902776	Drill Core	5	12	0.13	11	<0.001	<20	0.33	<0.01	0.03	<2	0.21	<1	31	<5	<5	1.41	0.20	
1902777	Drill Core	6	10	0.05	6	<0.001	<20	0.13	<0.01	0.02	<2	0.15	<1	33	<5	<5			
1902778	Drill Core	9	16	0.06	7	<0.001	<20	0.22	<0.01	0.02	<2	0.21	<1	45	<5	<5	1.12	0.27	
1902779	Drill Core	8	18	0.11	<1	<0.001	<20	0.44	<0.01	0.03	3	0.25	<1	55	<5	<5	2.01	0.48	
1902780	Drill Core	8	18	0.09	3	<0.001	<20	0.39	<0.01	0.02	2	0.22	<1	55	<5	<5	2.35	0.51	
1902781	Drill Core	8	22	0.04	13	<0.001	<20	0.41	<0.01	0.03	<2	0.12	<1	30	<5	<5			
1902782	Drill Core	4	9	0.03	6	<0.001	<20	0.17	<0.01	0.02	<2	<0.05	<1	16	<5	<5			
1902783	Drill Core	5	9	0.03	6	<0.001	<20	0.31	<0.01	0.03	3	<0.05	<1	23	<5	<5			
1902784	Drill Core	12	19	0.05	14	<0.001	<20	0.32	<0.01	0.04	<2	<0.05	<1	28	<5	<5			
1902785	Drill Core	10	14	0.04	12	<0.001	<20	0.21	<0.01	0.05	9	<0.05	<1	104	<5	<5	0.03	1.24	
1902786	Drill Core	15	16	0.06	51	<0.001	<20	0.39	<0.01	0.12	<2	<0.05	<1	11	<5	<5			
1902787	Drill Core	6	14	0.12	17	0.001	<20	0.35	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902788	Drill Core	6	12	0.09	12	<0.001	<20	0.21	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902789	Drill Core	6	11	0.07	11	<0.001	<20	0.20	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902790	Drill Core	9	12	0.03	8	<0.001	<20	0.10	<0.01	0.05	<2	<0.05	<1	43	<5	<5			

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902791	Drill Core	2.81	0.007	<1	1	797	593	6.5	3	2	3797	0.91	16	2	3	6.9	<3	<3	3	0.06	0.019
1902792	Drill Core	2.77	0.017	<1	7	1151	2395	6.6	18	3	>10000	3.20	331	<2	8	8.2	12	<3	11	0.04	0.049
1902793	Drill Core	3.53	<0.005	<1	6	204	282	1.2	6	<1	165	0.76	28	2	3	0.7	<3	<3	7	0.05	0.027
1902794	Drill Core	3.92	<0.005	<1	4	40	305	<0.3	6	<1	143	0.80	40	2	4	<0.5	<3	<3	5	0.06	0.033
1902795	Drill Core	3.92	<0.005	<1	5	28	234	0.4	5	<1	850	0.77	52	<2	4	0.8	<3	<3	5	0.09	0.040
1902796	Drill Core	3.10	<0.005	<1	18	217	2211	0.4	20	5	6055	2.47	300	3	11	6.3	<3	<3	8	0.17	0.091
1902797	Drill Core	2.80	<0.005	<1	10	44	779	0.4	13	1	198	1.99	192	4	9	1.3	<3	<3	11	0.07	0.056
1902798	Drill Core	2.86	<0.005	<1	11	275	1400	0.8	23	2	400	3.24	384	10	16	2.6	<3	<3	33	0.18	0.101
1902799	Drill Core	2.87	0.020	<1	15	425	5354	2.8	41	17	>10000	4.22	778	5	19	21.0	5	<3	16	0.17	0.105
1902800	Rock Pulp	0.08	0.980	18	2675	>10000	4133	83.5	33	24	1610	6.37	112	4	12	28.9	59	13	46	0.91	0.041
1902801	Drill Core	2.13	<0.005	<1	5	<3	689	<0.3	5	<1	2228	1.10	120	<2	7	1.5	<3	<3	3	0.03	0.030
1902802	Drill Core	1.87	0.009	<1	23	24	3550	0.9	28	6	9589	4.75	602	5	25	9.9	6	<3	10	0.12	0.118
1902803	Drill Core	2.10	0.005	<1	3	7	1769	<0.3	8	5	5324	0.88	55	<2	12	9.3	<3	<3	3	0.12	0.046
1902804	Drill Core	2.25	0.015	<1	7	141	3089	1.3	22	11	>10000	1.63	117	2	10	13.4	9	<3	12	0.16	0.068
1902805	Drill Core	3.81	0.017	<1	8	492	2044	3.4	16	1	264	3.56	194	<2	2	1.9	13	<3	10	0.04	0.044
1902806	Drill Core	2.31	0.009	<1	10	488	1740	2.9	17	3	6631	2.43	172	<2	5	4.8	4	<3	3	0.03	0.041
1902807	Drill Core	2.76	0.011	<1	4	106	488	0.9	5	<1	178	1.24	54	<2	2	0.6	<3	<3	2	0.04	0.026
1902808	Drill Core	2.70	<0.005	<1	5	86	1098	0.8	8	2	7146	1.99	68	<2	6	3.9	<3	<3	3	0.03	0.028
1902809	Drill Core	4.31	<0.005	<1	3	12	720	0.4	6	6	6199	0.98	75	<2	13	10.8	<3	<3	1	0.03	0.021
1902810	Drill Core	4.98	0.007	<1	6	84	1108	0.9	7	<1	261	2.30	163	3	4	1.6	4	<3	2	0.02	0.037
1902811	Drill Core	2.52	0.013	<1	3	33	407	1.1	3	<1	160	1.41	41	6	17	1.1	<3	<3	5	0.06	0.048
1902812	Drill Core	4.34	<0.005	<1	3	56	251	<0.3	3	1	198	0.59	49	<2	4	0.8	<3	<3	1	0.02	0.014
1902813	Drill Core	3.32	0.041	<1	20	617	1040	1.8	10	2	423	2.97	75	5	18	2.9	5	<3	8	0.08	0.081
1902814	Drill Core	4.85	0.337	6	439	4749	7764	48.3	49	7	>10000	23.17	1745	3	18	85.1	47	<3	28	0.27	0.101
1902815	Drill Core	4.16	0.083	<1	16	594	530	4.2	7	<1	1115	1.43	37	2	6	6.5	5	<3	6	0.06	0.037
1902816	Drill Core	3.72	0.007	<1	4	473	524	1.9	4	<1	1946	0.93	17	<2	4	14.3	4	<3	4	0.08	0.036
1902817	Drill Core	3.71	0.129	3	47	9413	4953	>100	36	2	>10000	17.22	327	<2	6	43.2	20	<3	13	0.29	0.254
1902818	Drill Core	2.95	0.021	<1	11	578	627	7.4	5	<1	269	1.45	31	2	7	1.5	6	<3	6	0.08	0.056
1902819	Drill Core	0.99	0.009	<1	10	77	650	1.2	8	2	2212	1.14	30	2	11	4.3	4	<3	6	0.24	0.122
1902820	Drill Core	1.11	0.010	<1	8	72	552	1.1	6	<1	1692	1.06	28	3	10	2.2	<3	<3	6	0.20	0.106

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902791	Drill Core	6	11	0.06	12	<0.001	<20	0.19	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902792	Drill Core	6	16	0.04	13	<0.001	<20	0.26	<0.01	0.05	<2	<0.05	<1	16	<5	<5			
1902793	Drill Core	7	17	0.04	16	0.001	<20	0.17	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902794	Drill Core	8	10	0.04	30	<0.001	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902795	Drill Core	9	12	0.04	30	<0.001	<20	0.18	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902796	Drill Core	16	15	0.06	61	0.001	<20	0.34	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902797	Drill Core	20	19	0.17	74	0.001	<20	0.44	<0.01	0.11	<2	<0.05	<1	<5	<5	<5			
1902798	Drill Core	27	76	1.24	109	0.003	<20	1.60	<0.01	0.14	<2	<0.05	<1	<5	<5	<5			
1902799	Drill Core	18	32	0.63	72	0.002	<20	0.93	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902800	Rock Pulp	18	31	1.45	53	0.082	<20	1.85	0.05	0.34	<2	3.02	<1	<5	<5	<5	1.32	0.44	
1902801	Drill Core	7	7	0.03	29	<0.001	<20	0.14	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902802	Drill Core	21	12	0.04	70	<0.001	<20	0.42	<0.01	0.13	<2	<0.05	<1	<5	<5	<5			
1902803	Drill Core	7	8	0.03	22	<0.001	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902804	Drill Core	12	17	0.12	42	<0.001	<20	0.34	<0.01	0.07	<2	<0.05	<1	<5	<5	<5			
1902805	Drill Core	5	18	0.03	11	<0.001	<20	0.30	<0.01	0.02	<2	<0.05	<1	<5	<5	<5			
1902806	Drill Core	6	9	0.03	18	<0.001	<20	0.24	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902807	Drill Core	9	7	0.01	21	<0.001	<20	0.10	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902808	Drill Core	8	7	0.01	22	<0.001	<20	0.12	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902809	Drill Core	6	5	<0.01	17	<0.001	<20	0.06	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902810	Drill Core	9	7	<0.01	22	<0.001	<20	0.12	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902811	Drill Core	25	7	0.02	59	<0.001	<20	0.25	<0.01	0.13	<2	<0.05	<1	<5	<5	<5			
1902812	Drill Core	6	5	0.02	15	<0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902813	Drill Core	20	11	0.10	60	<0.001	<20	0.47	<0.01	0.14	<2	0.11	<1	<5	<5	<5			
1902814	Drill Core	7	25	0.10	30	<0.001	<20	1.34	<0.01	0.07	<2	6.23	3	<5	<5	<5			
1902815	Drill Core	10	13	0.07	39	<0.001	<20	0.32	<0.01	0.09	<2	0.14	<1	<5	<5	<5			
1902816	Drill Core	7	12	0.04	22	<0.001	<20	0.20	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
1902817	Drill Core	11	23	0.07	12	<0.001	<20	0.75	<0.01	0.02	<2	0.23	2	<5	<5	<5			180
1902818	Drill Core	15	9	0.06	53	<0.001	<20	0.27	<0.01	0.10	<2	<0.05	<1	<5	<5	<5			
1902819	Drill Core	13	12	0.07	52	<0.001	<20	0.27	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			
1902820	Drill Core	13	12	0.06	51	<0.001	<20	0.25	<0.01	0.09	<2	<0.05	<1	<5	<5	<5			

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902821	Drill Core	4.32	<0.005	<1	3	64	1997	0.6	16	4	9393	0.81	27	<2	32	19.0	<3	<3	2	0.11	0.048
1902822	Drill Core	3.61	<0.005	<1	3	43	335	0.6	4	<1	91	1.33	29	2	9	0.6	<3	<3	4	0.03	0.037
1902823	Drill Core	4.07	<0.005	<1	2	63	90	0.8	2	<1	55	0.41	20	<2	3	<0.5	<3	<3	2	0.04	0.024
1902824	Drill Core	3.94	<0.005	2	3	58	103	0.5	3	<1	36	0.50	25	4	7	<0.5	<3	<3	4	0.04	0.027
1902825	Drill Core	2.33	<0.005	<1	4	62	143	<0.3	4	<1	44	0.53	34	<2	5	0.7	<3	<3	2	0.05	0.030
1902826	Drill Core	1.59	<0.005	<1	2	37	55	<0.3	2	<1	25	0.33	15	<2	3	<0.5	<3	<3	1	0.06	0.028
1902827	Drill Core	3.62	<0.005	<1	2	40	72	0.4	2	<1	28	0.43	19	<2	4	<0.5	<3	<3	2	0.06	0.033
1902828	Drill Core	4.58	<0.005	<1	2	31	66	<0.3	2	<1	25	0.39	19	<2	4	<0.5	<3	<3	1	0.05	0.026
1902829	Drill Core	4.20	<0.005	<1	13	23	564	0.6	23	5	1886	2.32	23	5	20	8.4	<3	<3	10	0.21	0.083
1902830	Drill Core	2.32	0.006	<1	3	106	4170	<0.3	16	6	>10000	0.84	52	3	9	38.0	5	<3	3	0.07	0.030
1902831	Drill Core	4.37	0.007	1	15	22	1144	0.6	30	6	4410	2.61	23	6	14	9.7	3	<3	6	0.24	0.099
1902832	Drill Core	4.23	<0.005	1	19	58	550	0.8	29	6	512	2.30	47	5	19	26.9	<3	<3	10	0.28	0.112
1902833	Drill Core	3.20	<0.005	<1	3	141	186	<0.3	4	<1	217	0.63	23	<2	12	3.1	<3	<3	<1	0.04	0.023
1902834	Drill Core	2.79	<0.005	<1	16	14	2156	0.6	34	11	5258	2.60	35	4	26	11.7	<3	<3	8	1.56	0.088
1902835	Drill Core	2.28	<0.005	<1	14	13	1424	0.5	40	9	4660	2.39	19	4	27	4.1	<3	<3	8	1.40	0.089
1902836	Drill Core	3.18	<0.005	<1	2	19	155	0.3	4	<1	477	0.38	8	<2	2	0.6	<3	<3	1	0.08	0.033
1902837	Drill Core	2.88	<0.005	<1	2	9	274	<0.3	5	1	1338	0.42	9	<2	2	0.9	<3	<3	1	0.20	0.027
1902838	Drill Core	5.01	<0.005	<1	4	3	18	<0.3	7	2	90	0.65	313	2	23	<0.5	<3	<3	4	1.10	0.024
1902839	Drill Core	3.67	<0.005	2	12	12	705	0.3	25	6	3271	1.92	22	5	21	0.8	<3	<3	12	0.42	0.043
1902840	Rock	3.43	<0.005	<1	3	<3	27	<0.3	<1	3	473	1.83	<2	<2	20	<0.5	<3	<3	26	0.58	0.041

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Project: ANZ19-01
Report Date: October 04, 2019

CERTIFICATE OF ANALYSIS WHI19000576.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
1902821	Drill Core	7	10	0.03	14	<0.001	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902822	Drill Core	10	8	0.07	32	<0.001	<20	0.20	<0.01	0.06	<2	<0.05	<1	<5	<5	<5			
1902823	Drill Core	7	7	0.02	18	<0.001	<20	0.09	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902824	Drill Core	14	7	0.02	51	<0.001	<20	0.18	<0.01	0.09	<2	0.07	<1	<5	<5	<5			
1902825	Drill Core	7	8	0.04	19	<0.001	<20	0.12	<0.01	0.04	<2	<0.05	<1	<5	<5	<5			
1902826	Drill Core	5	4	0.03	14	<0.001	<20	0.07	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902827	Drill Core	7	5	0.03	25	<0.001	<20	0.13	<0.01	0.05	<2	0.12	<1	<5	<5	<5			
1902828	Drill Core	5	4	0.02	14	<0.001	<20	0.09	<0.01	0.03	<2	0.11	<1	<5	<5	<5			
1902829	Drill Core	18	15	0.20	53	0.001	<20	0.60	0.02	0.11	<2	1.22	<1	<5	<5	<5			
1902830	Drill Core	6	12	0.02	15	<0.001	<20	0.10	<0.01	0.02	<2	<0.05	<1	<5	<5	<5			
1902831	Drill Core	20	10	0.10	50	<0.001	<20	0.44	0.01	0.10	<2	1.34	<1	<5	<5	<5			
1902832	Drill Core	23	15	0.23	44	<0.001	<20	0.64	0.02	0.10	<2	1.36	<1	<5	7	<5			
1902833	Drill Core	7	3	<0.01	13	<0.001	<20	0.09	<0.01	0.02	<2	0.18	<1	<5	<5	<5			
1902834	Drill Core	16	11	0.15	46	0.008	<20	0.64	0.01	0.08	<2	1.34	<1	<5	7	<5			
1902835	Drill Core	12	12	0.18	43	0.014	<20	0.91	0.01	0.07	<2	1.20	<1	<5	6	<5			
1902836	Drill Core	6	4	0.02	15	<0.001	<20	0.07	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902837	Drill Core	6	5	0.03	14	<0.001	<20	0.09	<0.01	0.03	<2	<0.05	<1	<5	<5	<5			
1902838	Drill Core	8	7	0.12	20	<0.001	<20	0.24	<0.01	0.05	<2	0.25	<1	<5	<5	<5			
1902839	Drill Core	9	15	0.31	50	0.001	<20	0.92	0.01	0.09	<2	0.58	<1	<5	7	<5			
1902840	Rock	6	2	0.50	52	0.082	<20	0.84	0.08	0.08	<2	<0.05	<1	<5	<5	<5			

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Project: ANZ19-01
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QUALITY CONTROL REPORT WHI19000576.1

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1902770	Drill Core	4.16	0.017	<1	12	7	236	<0.3	24	1	120	1.51	403	3	29	2.1	<3	<3	8	0.05	0.028
REP 1902770	QC			<1	12	7	235	<0.3	23	1	116	1.47	398	3	29	2.1	<3	<3	8	0.05	0.028
1902785	Drill Core	2.65	0.022	2	3	163	>10000	8.9	46	71	>10000	32.17	838	<2	379	119.0	9	<3	13	0.24	0.175
REP 1902785	QC																				
1902797	Drill Core	2.80	<0.005	<1	10	44	779	0.4	13	1	198	1.99	192	4	9	1.3	<3	<3	11	0.07	0.056
REP 1902797	QC		<0.005																		
1902804	Drill Core	2.25	0.015	<1	7	141	3089	1.3	22	11	>10000	1.63	117	2	10	13.4	9	<3	12	0.16	0.068
REP 1902804	QC			<1	8	145	3136	1.3	22	11	>10000	1.65	118	2	10	13.6	9	<3	13	0.16	0.069
REP 1902816	QC		0.007																		
1902832	Drill Core	4.23	<0.005	1	19	58	550	0.8	29	6	512	2.30	47	5	19	26.9	<3	<3	10	0.28	0.112
REP 1902832	QC			1	17	63	550	0.8	30	6	507	2.30	47	5	18	27.2	4	<3	10	0.28	0.114
Core Reject Duplicates																					
1902782	Drill Core	3.75	0.007	<1	3	510	2799	2.7	16	11	>10000	6.45	399	<2	82	17.5	3	<3	6	0.09	0.093
DUP 1902782	QC		0.006	<1	3	445	2889	2.6	16	11	>10000	6.56	398	<2	85	17.3	4	<3	5	0.09	0.094
1902816	Drill Core	3.72	0.007	<1	4	473	524	1.9	4	<1	1946	0.93	17	<2	4	14.3	4	<3	4	0.08	0.036
DUP 1902816	QC		0.006	<1	4	478	550	1.8	4	<1	2085	0.95	15	<2	4	15.4	4	<3	4	0.08	0.036
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard			10	4383	184	1695	2.3	160	23	705	3.67	117	13	53	5.7	<3	22	73	1.28	0.072
STD DS11	Standard			15	148	134	342	1.9	76	13	1024	3.12	42	6	67	2.7	7	11	49	1.05	0.070
STD DS11	Standard			15	151	145	354	2.0	81	14	1038	3.15	45	7	69	2.2	7	12	51	1.08	0.070
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS262	Standard			<1	115	56	143	0.5	62	26	519	3.23	34	7	35	1.1	5	<3	21	2.91	0.038
STD OREAS262	Standard			<1	118	54	151	0.5	63	26	534	3.32	37	8	35	<0.5	4	<3	22	3.01	0.040
STD OREAS262	Standard			<1	120	58	152	0.5	65	27	531	3.27	36	8	36	0.7	<3	<3	22	2.96	0.040

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300		MA404	FA530
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20
Pulp Duplicates																			
1902770	Drill Core	14	11	0.16	56	0.001	<20	0.56	<0.01	0.06	<2	<0.05	<1	<5	<5	<5			
REP 1902770	QC	14	11	0.16	56	0.001	<20	0.55	<0.01	0.06	<2	<0.05	<1	<5	<5	<5			
1902785	Drill Core	10	14	0.04	12	<0.001	<20	0.21	<0.01	0.05	9	<0.05	<1	104	<5	<5	0.03	1.24	
REP 1902785	QC																0.03	1.25	
1902797	Drill Core	20	19	0.17	74	0.001	<20	0.44	<0.01	0.11	<2	<0.05	<1	<5	<5	<5			
REP 1902797	QC																		
1902804	Drill Core	12	17	0.12	42	<0.001	<20	0.34	<0.01	0.07	<2	<0.05	<1	<5	<5	<5			
REP 1902804	QC	12	18	0.12	44	<0.001	<20	0.35	<0.01	0.08	<2	<0.05	<1	<5	<5	<5			
REP 1902816	QC																		
1902832	Drill Core	23	15	0.23	44	<0.001	<20	0.64	0.02	0.10	<2	1.36	<1	<5	7	<5			
REP 1902832	QC	23	16	0.23	44	<0.001	<20	0.62	0.02	0.10	<2	1.34	<1	<5	6	<5			
Core Reject Duplicates																			
1902782	Drill Core	4	9	0.03	6	<0.001	<20	0.17	<0.01	0.02	<2	<0.05	<1	16	<5	<5			
DUP 1902782	QC	5	9	0.03	6	<0.001	<20	0.17	<0.01	0.03	<2	<0.05	<1	16	<5	<5			
1902816	Drill Core	7	12	0.04	22	<0.001	<20	0.20	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
DUP 1902816	QC	8	12	0.04	23	<0.001	<20	0.20	<0.01	0.05	<2	<0.05	<1	<5	<5	<5			
Reference Materials																			
STD AGPROOF	Standard																		97
STD BVGEO01	Standard	25	170	1.29	336	0.233	<20	2.31	0.19	0.90	<2	0.66	<1	<5	<5	6			
STD DS11	Standard	17	55	0.85	423	0.090	<20	1.17	0.07	0.39	2	0.28	<1	<5	<5	<5			
STD DS11	Standard	19	60	0.86	439	0.094	<20	1.21	0.08	0.41	3	0.29	<1	6	<5	<5			
STD OREAS134B	Standard																13.76	17.93	
STD OREAS133A	Standard																4.85	11.02	
STD OREAS134B	Standard																13.60	17.91	
STD OREAS133A	Standard																4.98	11.07	
STD OREAS262	Standard	16	41	1.15	250	0.003	<20	1.27	0.07	0.31	<2	0.26	<1	<5	13	<5			
STD OREAS262	Standard	18	42	1.19	262	0.003	<20	1.32	0.07	0.33	<2	0.27	<1	<5	<5	<5			
STD OREAS262	Standard	18	44	1.21	255	0.003	<20	1.37	0.07	0.33	<2	0.27	<1	<5	5	<5			

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000576.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
STD OXB130	Standard		0.124																		
STD OXB130	Standard		0.125																		
STD OXI138	Standard		1.842																		
STD OXI138	Standard		1.873																		
STD OXN134	Standard		7.453																		
STD OXN134	Standard		7.656																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXN134 Expected			7.667																		
STD OXI138 Expected			1.86																		
STD OXB130 Expected			0.125																		
STD OREAS134B Expected																					
STD OREAS133A Expected																					
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				

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Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000576.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20
STD OXB130	Standard																		
STD OXB130	Standard																		
STD OXI138	Standard																		
STD OXI138	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD OXQ114	Standard																		126
STD SP49	Standard																		66
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97			
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1			
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24			
STD AGPROOF Expected																			94
STD SP49 Expected																			60.2
STD OXQ114 Expected																			127.1
STD OXN134 Expected																			
STD OXI138 Expected																			
STD OXB130 Expected																			
STD OREAS134B Expected																	13.36	18.03	
STD OREAS133A Expected																	4.9	10.87	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5			
BLK	Blank																		
BLK	Blank																		
BLK	Blank																<0.01	<0.01	
BLK	Blank																		<20
BLK	Blank																		
BLK	Blank																		
BLK	Blank																<0.01	<0.01	

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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 04, 2019

QUALITY CONTROL REPORT WHI19000576.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	3	<3	29	<0.3	1	4	560	2.01	<2	<2	24	<0.5	<3	<3	25	0.69	0.042
ROCK-WHI	Prep Blank		<0.005	<1	6	<3	31	<0.3	2	4	570	2.05	<2	2	28	<0.5	<3	<3	28	0.76	0.041

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QUALITY CONTROL REPORT WHI19000576.1

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20
Prep Wash																			
ROCK-WHI	Prep Blank	6	3	0.50	66	0.087	<20	0.91	0.09	0.10	<2	<0.05	<1	<5	<5	<5			
ROCK-WHI	Prep Blank	6	3	0.54	59	0.090	<20	1.09	0.09	0.10	<2	0.05	<1	<5	<5	<5			

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Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Submitted By: Murray Jones
Receiving Lab: Canada-Whitehorse
Received: September 23, 2019
Report Date: October 19, 2019
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI19000584.2

CLIENT JOB INFORMATION

Project:	ANZ19-01
Shipment ID:	ANZ19-01004
P.O. Number	ANZ19-01004
Number of Samples:	84

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	83	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	84	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	84	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	84	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	84	Per sample shipping charges for branch shipments			VAN
SLBHP	1	Sort, label and box pulps			WHI
MA404	11	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
FA530	7	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
GC817	1	Lead Assay by Classical Titration	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: GC817 for sample 1902703 included.

Invoice To: Equity Exploration Consultants Ltd.
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

CERTIFICATE OF ANALYSIS WHI19000584.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902677	Drill Core	2.86	0.013	12	44	10	574	0.5	53	9	229	2.76	23	8	26	5.6	<3	<3	63	0.09	0.056
1902678	Drill Core	2.87	0.012	11	31	13	427	0.5	66	7	208	1.98	275	3	17	6.9	<3	<3	60	0.13	0.064
1902679	Drill Core	1.26	0.010	10	53	12	1056	0.4	374	20	251	1.97	189	6	37	5.4	<3	<3	50	0.57	0.257
1902680	Drill Core	1.28	0.011	11	51	12	973	0.3	314	17	220	1.89	187	7	39	5.8	<3	<3	43	0.57	0.257
1902681	Drill Core	3.00	0.018	41	86	22	539	1.2	107	6	218	4.33	102	7	28	7.2	<3	<3	169	0.17	0.113
1902682	Drill Core	4.15	0.007	2	36	9	148	0.6	33	5	171	1.42	124	4	13	2.3	<3	<3	13	0.08	0.041
1902683	Drill Core	2.13	0.029	1	81	6	119	0.5	49	6	2294	3.42	8	4	94	<0.5	<3	<3	38	2.42	0.028
1902684	Drill Core	2.48	<0.005	6	21	<3	251	<0.3	43	5	151	2.30	88	4	7	3.0	<3	<3	8	0.04	0.019
1902685	Drill Core	4.58	0.008	1	19	<3	37	<0.3	8	2	69	1.07	32	4	8	0.7	<3	<3	9	0.05	0.023
1902686	Drill Core	3.73	0.017	5	71	6	445	<0.3	108	13	1019	2.58	1339	5	10	0.8	<3	<3	15	0.16	0.031
1902687	Drill Core	3.92	0.006	<1	39	6	129	<0.3	39	3	288	1.54	163	4	6	1.4	<3	<3	8	0.04	0.016
1902688	Drill Core	2.90	0.021	1	74	8	196	0.6	91	3	1047	2.10	3418	6	20	4.5	12	<3	12	0.12	0.038
1902689	Drill Core	3.38	0.015	1	71	12	207	1.1	58	8	546	3.68	233	5	21	<0.5	3	<3	20	0.21	0.106
1902690	Drill Core	3.80	0.012	<1	25	20	1094	0.6	51	8	5628	1.90	8154	5	8	16.3	<3	<3	1	0.15	0.035
1902691	Drill Core	3.99	0.009	<1	20	14	370	1.0	95	5	634	3.07	715	3	16	2.3	<3	<3	32	0.13	0.041
1902692	Drill Core	4.43	0.043	<1	30	6	125	0.6	36	4	552	1.70	223	5	12	4.1	<3	<3	14	0.08	0.034
1902693	Drill Core	3.66	0.017	5	36	6	178	0.7	71	9	1440	2.10	5242	5	18	3.0	5	<3	15	0.25	0.108
1902694	Drill Core	2.50	0.030	2	33	9	249	0.7	42	12	945	2.16	5545	9	10	<0.5	<3	<3	22	0.17	0.062
1902695	Drill Core	3.53	0.020	1	42	62	877	5.5	37	5	2222	7.40	193	10	20	0.7	<3	<3	64	0.37	0.232
1902696	Drill Core	3.82	0.015	<1	27	17	240	2.7	13	2	251	2.21	81	8	7	0.8	<3	<3	14	0.07	0.044
1902697	Drill Core	4.54	0.166	<1	33	302	371	4.3	10	3	2697	1.60	149	5	11	4.3	<3	<3	9	0.12	0.057
1902698	Drill Core	3.06	0.038	<1	95	1614	944	11.0	47	9	>10000	10.29	177	<2	4	31.7	<3	<3	267	0.26	0.062
1902699	Drill Core	2.47	0.093	<1	115	802	3303	7.1	65	12	>10000	10.46	367	<2	3	31.3	<3	<3	216	0.36	0.050
1902700	Drill Core	2.68	0.076	<1	103	732	3484	6.0	61	11	>10000	10.04	305	<2	3	30.0	<3	<3	203	0.35	0.048
1902701	Drill Core	4.51	0.010	<1	166	1063	3561	3.5	74	25	>10000	9.02	143	<2	5	63.4	<3	<3	204	0.39	0.064
1902702	Drill Core	3.46	0.290	<1	187	>10000	3323	90.9	38	16	>10000	14.44	635	<2	4	58.6	9	<3	251	0.35	0.078
1902703	Drill Core	1.45	1.486	3	933	>10000	5485	>100	34	8	8363	12.05	1929	<2	8	36.4	302	<3	78	0.08	0.022
1902704	Drill Core	5.27	0.285	<1	169	>10000	2641	70.9	18	2	>10000	5.27	1062	<2	2	40.3	27	<3	18	0.13	0.005
1902705	Drill Core	1.81	0.151	<1	64	6862	2396	28.8	12	2	>10000	6.63	406	<2	2	93.5	<3	<3	15	0.25	0.002
1902706	Drill Core	2.57	0.101	<1	44	>10000	1398	30.8	7	<1	>10000	3.19	393	<2	2	28.7	15	<3	10	0.09	0.003

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CERTIFICATE OF ANALYSIS WHI19000584.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530	GC817
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20	2
1902677	Drill Core	20	13	0.63	180	0.001	<20	0.99	0.01	0.19	<2	<0.05	<1	<5	<5	<5				
1902678	Drill Core	15	8	0.15	174	0.001	<20	0.51	<0.01	0.11	<2	<0.05	<1	<5	<5	<5				
1902679	Drill Core	17	9	0.21	155	0.001	<20	1.00	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902680	Drill Core	18	7	0.14	156	0.001	<20	0.86	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902681	Drill Core	17	24	1.22	208	0.003	<20	1.60	<0.01	0.11	<2	<0.05	<1	<5	<5	<5				
1902682	Drill Core	13	10	0.21	161	0.001	<20	0.52	<0.01	0.08	<2	<0.05	<1	<5	<5	<5				
1902683	Drill Core	7	31	1.79	139	0.002	<20	1.40	<0.01	0.05	<2	0.80	<1	<5	6	<5				
1902684	Drill Core	14	14	0.20	87	<0.001	<20	0.55	<0.01	0.06	<2	<0.05	<1	<5	<5	<5				
1902685	Drill Core	10	11	0.17	112	<0.001	<20	0.46	<0.01	0.08	<2	0.05	<1	<5	<5	<5				
1902686	Drill Core	18	13	0.33	114	0.001	<20	0.87	<0.01	0.09	<2	0.08	<1	<5	<5	<5				
1902687	Drill Core	9	8	0.13	79	<0.001	<20	0.50	<0.01	0.06	<2	0.26	<1	<5	<5	<5				
1902688	Drill Core	16	9	0.20	118	<0.001	<20	1.23	<0.01	0.10	<2	0.32	<1	<5	<5	<5				
1902689	Drill Core	16	15	0.41	139	0.002	<20	0.96	<0.01	0.12	<2	0.80	<1	<5	<5	<5				
1902690	Drill Core	12	2	0.08	105	<0.001	<20	0.82	<0.01	0.23	<2	0.55	<1	<5	<5	<5				
1902691	Drill Core	10	89	1.08	74	0.003	<20	2.16	<0.01	0.18	<2	0.25	<1	<5	5	<5				
1902692	Drill Core	16	14	0.26	79	0.001	<20	0.88	<0.01	0.11	<2	0.29	<1	<5	<5	<5				
1902693	Drill Core	18	13	0.27	113	0.001	<20	0.73	<0.01	0.13	<2	1.06	<1	<5	<5	<5				
1902694	Drill Core	25	17	0.24	77	<0.001	<20	0.73	<0.01	0.12	<2	0.89	<1	<5	<5	<5				
1902695	Drill Core	24	62	0.85	45	0.002	<20	2.36	<0.01	0.13	<2	0.21	<1	<5	6	6				
1902696	Drill Core	23	19	0.28	57	<0.001	<20	0.91	<0.01	0.13	<2	0.06	<1	<5	<5	<5				
1902697	Drill Core	16	16	0.22	76	<0.001	<20	0.66	<0.01	0.13	<2	<0.05	<1	<5	<5	<5				
1902698	Drill Core	8	138	3.43	36	0.009	<20	5.29	<0.01	0.17	<2	<0.05	<1	<5	14	24				
1902699	Drill Core	7	163	3.26	33	0.007	<20	4.87	<0.01	0.18	<2	0.05	1	<5	12	20				
1902700	Drill Core	7	160	3.16	27	0.007	<20	4.64	<0.01	0.15	<2	<0.05	1	<5	10	20				
1902701	Drill Core	8	105	2.38	32	0.002	<20	4.06	<0.01	0.15	<2	<0.05	<1	<5	10	23				
1902702	Drill Core	9	18	1.39	28	0.006	<20	4.44	<0.01	0.11	<2	0.15	1	<5	12	21	1.33	0.36		
1902703	Drill Core	8	11	0.39	12	0.002	<20	1.68	<0.01	0.05	<2	1.67	<1	<5	<5	6	>20	0.53	996	28.35
1902704	Drill Core	4	11	0.12	5	<0.001	<20	0.73	<0.01	0.01	<2	0.13	1	<5	<5	<5	1.96	0.25		
1902705	Drill Core	5	13	0.14	2	<0.001	<20	0.33	<0.01	<0.01	<2	0.08	2	<5	<5	<5				
1902706	Drill Core	3	9	0.07	2	<0.001	<20	0.24	<0.01	<0.01	<2	0.06	<1	<5	<5	<5	1.10	0.13		

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#1510 - 250 Howe St.
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Project: ANZ19-01
Report Date: October 19, 2019

CERTIFICATE OF ANALYSIS WHI19000584.2

Method		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902707	Drill Core	1.72	0.039	<1	32	3828	2042	17.3	8	6	>10000	2.68	643	<2	16	40.1	8	<3	11	0.03	0.003
1902708	Drill Core	2.08	0.182	2	78	>10000	3615	>100	12	3	>10000	7.50	3680	<2	18	22.8	55	<3	8	0.06	0.108
1902709	Drill Core	2.49	0.375	2	125	>10000	3833	>100	10	3	>10000	8.41	4597	<2	17	22.4	104	<3	9	0.18	0.376
1902710	Drill Core	3.29	0.243	1	187	>10000	>10000	78.6	63	83	>10000	15.22	1301	<2	393	243.9	25	<3	9	0.17	0.138
1902711	Drill Core	3.53	0.181	2	311	6772	>10000	>100	117	155	>10000	19.28	1553	<2	712	429.5	18	6	13	0.27	0.099
1902712	Drill Core	2.63	0.073	3	60	>10000	6826	74.6	38	17	>10000	27.04	1794	2	84	63.9	21	<3	12	0.12	0.423
1902713	Drill Core	4.53	0.015	<1	20	1967	2214	37.9	19	18	>10000	3.70	139	2	68	40.4	<3	<3	8	0.07	0.058
1902714	Drill Core	4.77	0.009	<1	5	1386	799	13.4	8	6	6965	1.42	62	3	23	14.1	<3	<3	4	0.05	0.034
1902715	Drill Core	3.65	0.008	2	18	2140	4698	34.0	85	33	>10000	15.21	1226	<2	67	55.9	19	<3	12	0.10	0.284
1902716	Drill Core	3.55	0.015	4	29	3920	5145	>100	94	114	>10000	5.84	856	11	576	205.6	13	<3	14	0.16	0.145
1902717	Drill Core	3.67	0.026	<1	11	1291	1476	84.7	30	38	>10000	2.27	349	<2	79	36.6	4	<3	10	0.08	0.061
1902718	Drill Core	4.91	0.005	<1	10	413	1041	>100	27	32	8598	1.19	86	3	65	23.6	<3	<3	9	0.10	0.050
1902719	Drill Core	4.40	0.005	<1	10	86	352	1.7	12	1	136	0.98	54	5	7	1.6	<3	<3	8	0.08	0.045
1902720	Rock Pulp	0.07	1.008	16	2739	>10000	4353	87.0	35	25	1666	6.59	112	5	12	30.1	55	15	46	0.94	0.043
1902721	Drill Core	5.02	0.005	<1	4	66	238	2.2	7	<1	110	0.49	37	2	3	0.8	<3	<3	4	0.09	0.041
1902722	Drill Core	5.95	0.005	<1	5	55	162	3.7	4	<1	49	0.44	50	<2	2	0.8	<3	<3	3	0.08	0.037
1902723	Drill Core	3.95	<0.005	<1	5	54	189	2.1	6	<1	60	0.37	34	<2	3	0.9	<3	<3	2	0.11	0.053
1902724	Drill Core	3.93	<0.005	<1	6	59	287	8.9	6	2	576	0.69	46	2	7	2.4	<3	<3	4	0.10	0.049
1902725	Drill Core	4.56	<0.005	<1	6	212	523	47.9	11	7	2753	1.01	64	3	25	7.4	<3	<3	6	0.08	0.044
1902726	Drill Core	1.25	0.008	6	22	2383	2866	>100	49	44	>10000	4.67	569	<2	112	55.6	9	<3	11	0.07	0.089
1902727	Drill Core	3.75	0.010	<1	6	66	203	2.5	5	<1	146	0.52	25	2	3	0.7	<3	<3	5	0.06	0.030
1902728	Drill Core	3.87	<0.005	<1	8	91	480	8.2	12	2	353	0.87	29	4	6	16.8	<3	<3	10	0.24	0.106
1902729	Drill Core	3.11	<0.005	<1	8	29	210	4.0	5	<1	68	0.81	53	3	6	4.6	<3	<3	4	0.13	0.070
1902730	Drill Core	5.22	<0.005	<1	4	20	137	5.0	4	<1	64	0.65	31	2	5	3.5	<3	<3	3	0.12	0.059
1902731	Drill Core	5.28	<0.005	<1	5	26	244	3.6	8	<1	59	0.75	49	<2	6	1.6	<3	<3	2	0.14	0.066
1902732	Drill Core	4.04	0.015	<1	16	24	294	8.6	8	1	107	1.49	51	8	13	2.0	<3	<3	8	0.05	0.037
1902733	Drill Core	5.10	0.006	<1	25	17	474	5.9	14	2	121	2.15	56	8	36	2.6	<3	<3	10	0.10	0.060
1902734	Drill Core	3.36	0.005	<1	12	15	333	10.0	9	2	92	1.60	50	6	11	4.7	<3	<3	7	0.07	0.058
1902735	Drill Core	4.41	0.007	<1	10	35	506	9.8	10	2	272	1.65	59	3	8	6.7	3	<3	6	0.16	0.090
1902736	Drill Core	2.39	0.017	<1	8	70	2109	22.3	18	12	7288	3.31	85	2	58	19.0	5	<3	4	0.16	0.128

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

CERTIFICATE OF ANALYSIS WHI19000584.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530	GC817
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20	2
1902707	Drill Core	3	9	0.06	5	<0.001	<20	0.22	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5				
1902708	Drill Core	6	18	0.06	9	<0.001	<20	0.34	<0.01	0.02	<2	0.07	<1	<5	<5	<5	7.92	0.34	198	
1902709	Drill Core	6	23	0.02	12	<0.001	<20	0.29	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	7.89	0.36	183	
1902710	Drill Core	12	18	0.03	8	<0.001	<20	0.15	<0.01	0.08	<2	<0.05	<1	48	<5	<5	1.94	1.16		
1902711	Drill Core	17	29	0.04	3	<0.001	<20	0.21	0.01	0.17	<2	<0.05	2	124	<5	<5	0.74	1.97	262	
1902712	Drill Core	9	16	0.01	30	<0.001	<20	0.29	<0.01	0.09	<2	<0.05	<1	<5	<5	<5	1.83	0.78		
1902713	Drill Core	14	17	0.07	37	<0.001	<20	0.29	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902714	Drill Core	7	14	0.05	11	<0.001	<20	0.18	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902715	Drill Core	7	12	0.07	18	<0.001	<20	0.29	<0.01	0.06	<2	<0.05	<1	<5	<5	<5				
1902716	Drill Core	10	20	0.06	97	<0.001	<20	0.34	<0.01	0.17	<2	<0.05	<1	50	<5	<5			455	
1902717	Drill Core	9	14	0.10	30	<0.001	<20	0.29	<0.01	0.07	<2	<0.05	<1	6	<5	<5				
1902718	Drill Core	10	16	0.11	37	<0.001	<20	0.29	<0.01	0.07	<2	<0.05	<1	5	<5	<5			112	
1902719	Drill Core	19	16	0.15	49	<0.001	<20	0.41	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902720	Rock Pulp	18	31	1.48	51	0.080	<20	1.85	0.05	0.33	<2	3.09	<1	<5	<5	<5	1.34	0.44		
1902721	Drill Core	8	14	0.10	14	<0.001	<20	0.21	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902722	Drill Core	7	10	0.05	14	<0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902723	Drill Core	7	8	0.02	17	<0.001	<20	0.09	<0.01	0.02	<2	<0.05	<1	<5	<5	<5				
1902724	Drill Core	8	10	0.05	29	<0.001	<20	0.17	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
1902725	Drill Core	12	15	0.10	29	<0.001	<20	0.27	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
1902726	Drill Core	4	11	0.15	68	<0.001	<20	0.41	<0.01	0.03	<2	<0.05	<1	26	<5	<5			187	
1902727	Drill Core	7	13	0.11	23	<0.001	<20	0.24	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902728	Drill Core	12	18	0.15	46	<0.001	<20	0.42	<0.01	0.08	<2	<0.05	<1	<5	<5	<5				
1902729	Drill Core	11	9	0.08	24	<0.001	<20	0.21	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
1902730	Drill Core	9	9	0.04	20	<0.001	<20	0.13	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902731	Drill Core	9	7	0.02	17	<0.001	<20	0.11	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902732	Drill Core	34	15	0.03	50	<0.001	<20	0.31	0.01	0.11	<2	<0.05	<1	<5	<5	<5				
1902733	Drill Core	35	18	0.01	56	<0.001	<20	0.67	0.02	0.13	<2	<0.05	<1	<5	<5	<5				
1902734	Drill Core	24	10	0.06	45	<0.001	<20	0.33	<0.01	0.11	<2	<0.05	<1	<5	<5	<5				
1902735	Drill Core	15	10	0.07	45	<0.001	<20	0.30	<0.01	0.08	<2	<0.05	<1	<5	<5	<5				
1902736	Drill Core	9	9	0.03	22	<0.001	<20	0.14	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				

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Project: ANZ19-01
Report Date: October 19, 2019

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	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1902737	Drill Core	4.17	0.005	<1	4	45	731	2.9	9	4	4107	1.10	45	<2	21	5.6	<3	<3	2	0.11	0.061
1902738	Drill Core	5.05	<0.005	<1	8	112	390	4.6	7	1	222	1.24	33	4	7	1.9	<3	<3	6	0.13	0.071
1902739	Drill Core	2.02	<0.005	<1	15	511	906	25.0	13	4	1569	2.06	75	<2	11	5.0	4	<3	3	0.10	0.070
1902740	Drill Core	2.48	<0.005	<1	17	525	978	21.9	14	6	2326	2.05	75	2	17	8.0	4	<3	4	0.11	0.075
1902741	Drill Core	3.83	0.009	<1	17	1511	1499	22.1	14	5	8581	2.42	123	4	18	11.2	7	<3	6	0.10	0.080
1902742	Drill Core	2.68	0.012	<1	8	105	389	3.9	6	<1	143	1.80	58	11	32	1.4	4	<3	10	0.03	0.048
1902743	Drill Core	4.81	0.008	<1	8	168	432	2.6	12	1	164	1.23	96	3	17	3.4	<3	<3	4	0.09	0.067
1902744	Drill Core	3.54	0.011	<1	8	334	1938	7.3	17	17	8563	1.24	279	3	31	30.4	<3	<3	3	0.20	0.088
1902745	Drill Core	3.25	0.026	<1	86	1233	2211	19.0	19	5	2617	3.66	279	3	12	13.6	<3	<3	25	0.11	0.080
1902746	Drill Core	4.07	0.006	<1	14	507	2725	8.4	22	25	>10000	1.05	282	<2	63	46.1	<3	<3	2	0.13	0.050
1902747	Drill Core	6.51	0.060	2	297	1212	>10000	57.7	110	90	>10000	25.01	514	<2	564	362.5	4	<3	31	0.31	0.105
1902748	Drill Core	2.56	0.044	<1	22	1649	2560	8.0	29	4	2429	3.54	39	7	11	3.9	<3	<3	25	0.05	0.076
1902749	Drill Core	2.44	0.131	1	36	969	5544	13.8	67	34	>10000	8.70	156	4	124	71.2	<3	<3	26	0.11	0.060
1902750	Drill Core	2.22	0.053	2	47	1379	6553	4.4	79	8	>10000	12.51	133	<2	149	63.2	<3	<3	32	0.12	0.094
1902751	Drill Core	3.88	0.021	<1	29	883	2456	8.5	38	4	4295	3.65	59	3	10	8.2	<3	<3	23	0.05	0.059
1902752	Drill Core	4.82	<0.005	<1	8	111	432	1.7	8	2	2780	1.09	34	3	17	4.2	<3	<3	6	0.03	0.031
1902753	Drill Core	4.73	<0.005	1	30	82	1545	1.0	22	2	1010	4.57	202	9	28	4.8	7	<3	12	0.08	0.080
1902754	Drill Core	6.95	<0.005	<1	7	19	225	0.8	4	<1	106	1.36	109	3	8	1.8	<3	<3	4	0.02	0.024
1902755	Drill Core	5.28	<0.005	<1	6	5	274	0.3	6	3	553	0.70	26	<2	14	2.1	<3	<3	2	0.07	0.044
1902756	Drill Core	3.09	<0.005	<1	6	9	512	0.4	7	2	288	1.98	112	2	13	2.0	7	<3	4	0.04	0.043
1902757	Drill Core	3.56	<0.005	<1	5	7	82	<0.3	2	<1	42	0.64	123	<2	6	1.3	<3	<3	2	0.02	0.016
1902758	Drill Core	6.21	<0.005	1	17	17	157	0.8	10	2	58	1.53	64	7	25	0.7	<3	<3	9	0.18	0.079
1902759	Drill Core	6.43	<0.005	1	16	18	203	0.7	12	2	49	2.20	69	6	26	1.2	<3	<3	6	0.09	0.055
1902760	Rock	2.65	<0.005	<1	4	<3	29	<0.3	<1	4	504	1.94	<2	<2	23	<0.5	<3	<3	27	0.65	0.041

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

CERTIFICATE OF ANALYSIS WHI19000584.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	MA404	MA404	FA530	GC817
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20	2
1902737	Drill Core	7	8	0.02	20	<0.001	<20	0.11	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902738	Drill Core	15	10	0.04	50	0.001	<20	0.26	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902739	Drill Core	8	8	0.03	19	<0.001	<20	0.13	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902740	Drill Core	11	9	0.03	27	<0.001	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
1902741	Drill Core	14	11	0.02	40	<0.001	<20	0.24	<0.01	0.07	<2	<0.05	<1	<5	<5	<5				
1902742	Drill Core	47	12	<0.01	82	<0.001	<20	0.31	<0.01	0.16	<2	<0.05	<1	<5	<5	<5				
1902743	Drill Core	10	8	0.03	28	<0.001	<20	0.21	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902744	Drill Core	7	10	0.02	22	<0.001	<20	0.13	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902745	Drill Core	15	28	0.06	31	0.001	<20	0.57	<0.01	0.07	<2	<0.05	<1	<5	<5	<5				
1902746	Drill Core	8	9	0.02	12	<0.001	<20	0.08	<0.01	0.03	<2	<0.05	<1	<5	<5	<5				
1902747	Drill Core	22	70	0.07	12	0.001	<20	1.08	0.01	0.07	<2	0.14	6	181	16	<5	0.14	1.67		
1902748	Drill Core	41	32	0.07	47	0.001	<20	0.94	<0.01	0.12	<2	<0.05	<1	<5	<5	<5				
1902749	Drill Core	14	38	0.04	10	0.001	<20	0.85	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902750	Drill Core	32	55	0.06	12	0.002	<20	1.12	<0.01	0.05	<2	<0.05	2	40	<5	<5				
1902751	Drill Core	14	33	0.09	29	<0.001	<20	0.59	<0.01	0.08	<2	<0.05	<1	<5	<5	<5				
1902752	Drill Core	14	12	0.04	47	<0.001	<20	0.25	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902753	Drill Core	34	24	0.44	79	0.001	<20	0.89	0.01	0.13	<2	<0.05	<1	<5	<5	<5				
1902754	Drill Core	10	11	0.06	46	<0.001	<20	0.22	<0.01	0.08	<2	<0.05	<1	<5	<5	<5				
1902755	Drill Core	8	9	0.04	22	<0.001	<20	0.15	<0.01	0.04	<2	<0.05	<1	<5	<5	<5				
1902756	Drill Core	11	9	0.03	34	0.001	<20	0.17	<0.01	0.06	<2	0.07	<1	<5	<5	<5				
1902757	Drill Core	7	6	0.01	23	<0.001	<20	0.10	<0.01	0.05	<2	0.11	<1	<5	<5	<5				
1902758	Drill Core	25	15	0.13	69	<0.001	<20	0.55	0.01	0.14	<2	0.65	<1	<5	<5	<5				
1902759	Drill Core	19	10	0.07	48	<0.001	<20	0.31	<0.01	0.11	<2	0.96	<1	<5	<5	<5				
1902760	Rock	6	4	0.49	55	0.096	<20	0.91	0.08	0.09	<2	<0.05	<1	<5	<5	<5				

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#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

QUALITY CONTROL REPORT WHI19000584.2

	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
Pulp Duplicates																					
1902698	Drill Core	3.06	0.038	<1	95	1614	944	11.0	47	9	>10000	10.29	177	<2	4	31.7	<3	<3	267	0.26	0.062
REP 1902698	QC			<1	96	1596	967	11.4	47	9	>10000	10.32	177	<2	4	31.8	<3	<3	268	0.26	0.062
1902719	Drill Core	4.40	0.005	<1	10	86	352	1.7	12	1	136	0.98	54	5	7	1.6	<3	<3	8	0.08	0.045
REP 1902719	QC		<0.005																		
1902726	Drill Core	1.25	0.008	6	22	2383	2866	>100	49	44	>10000	4.67	569	<2	112	55.6	9	<3	11	0.07	0.089
REP 1902726	QC																				
1902732	Drill Core	4.04	0.015	<1	16	24	294	8.6	8	1	107	1.49	51	8	13	2.0	<3	<3	8	0.05	0.037
REP 1902732	QC			<1	16	23	294	7.8	8	1	107	1.48	50	8	13	2.0	<3	<3	8	0.05	0.037
1902745	Drill Core	3.25	0.026	<1	86	1233	2211	19.0	19	5	2617	3.66	279	3	12	13.6	<3	<3	25	0.11	0.080
REP 1902745	QC			<1	86	1228	2193	19.2	19	5	2602	3.64	278	4	12	13.4	<3	<3	25	0.11	0.079
1902747	Drill Core	6.51	0.060	2	297	1212	>10000	57.7	110	90	>10000	25.01	514	<2	564	362.5	4	<3	31	0.31	0.105
REP 1902747	QC																				
Core Reject Duplicates																					
1902706	Drill Core	2.57	0.101	<1	44	>10000	1398	30.8	7	<1	>10000	3.19	393	<2	2	28.7	15	<3	10	0.09	0.003
DUP 1902706	QC		0.111	<1	44	>10000	1437	32.6	7	<1	>10000	3.26	412	<2	2	28.7	16	<3	10	0.09	0.003
1902740	Drill Core	2.48	<0.005	<1	17	525	978	21.9	14	6	2326	2.05	75	2	17	8.0	4	<3	4	0.11	0.075
DUP 1902740	QC		<0.005	<1	17	526	975	23.0	14	6	2254	2.05	78	3	17	7.9	5	<3	4	0.11	0.076
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD BVGEO01	Standard			10	4313	187	1708	2.7	168	24	699	3.64	121	14	54	6.2	3	24	74	1.29	0.072
STD CPB-2	Standard																				
STD CPB-2	Standard																				
STD DS11	Standard			15	151	136	347	1.9	79	13	1033	3.16	45	8	67	2.0	7	10	48	1.05	0.070
STD DS11	Standard			15	154	144	357	1.6	80	13	1037	3.28	42	7	69	2.0	6	10	50	1.10	0.071
STD OREAS134B	Standard																				
STD OREAS133A	Standard																				
STD OREAS262	Standard			<1	118	52	150	0.5	62	26	530	3.31	38	9	35	<0.5	<3	<3	22	2.96	0.039

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Project: ANZ19-01
Report Date: October 19, 2019

QUALITY CONTROL REPORT WHI19000584.2

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300		MA404	FA530	GC817
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Pb	Zn	Ag	Pb
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	gm/t	%
	MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	20	2
Pulp Duplicates																				
1902698	Drill Core	8	138	3.43	36	0.009	<20	5.29	<0.01	0.17	<2	<0.05	<1	<5	14	24				
REP 1902698	QC	8	137	3.44	36	0.009	<20	5.29	<0.01	0.17	<2	<0.05	<1	<5	14	24				
1902719	Drill Core	19	16	0.15	49	<0.001	<20	0.41	<0.01	0.10	<2	<0.05	<1	<5	<5	<5				
REP 1902719	QC																			
1902726	Drill Core	4	11	0.15	68	<0.001	<20	0.41	<0.01	0.03	<2	<0.05	<1	26	<5	<5			187	
REP 1902726	QC																		196	
1902732	Drill Core	34	15	0.03	50	<0.001	<20	0.31	0.01	0.11	<2	<0.05	<1	<5	<5	<5				
REP 1902732	QC	34	15	0.03	50	<0.001	<20	0.31	0.01	0.10	<2	<0.05	<1	<5	<5	<5				
1902745	Drill Core	15	28	0.06	31	0.001	<20	0.57	<0.01	0.07	<2	<0.05	<1	<5	<5	<5				
REP 1902745	QC	14	27	0.06	30	0.001	<20	0.56	<0.01	0.06	<2	<0.05	<1	<5	<5	<5				
1902747	Drill Core	22	70	0.07	12	0.001	<20	1.08	0.01	0.07	<2	0.14	6	181	16	<5	0.14	1.67		
REP 1902747	QC																0.14	1.68		
Core Reject Duplicates																				
1902706	Drill Core	3	9	0.07	2	<0.001	<20	0.24	<0.01	<0.01	<2	0.06	<1	<5	<5	<5	1.10	0.13		
DUP 1902706	QC	3	9	0.07	2	<0.001	<20	0.24	<0.01	<0.01	<2	0.06	<1	<5	<5	<5	1.17	0.13		
1902740	Drill Core	11	9	0.03	27	<0.001	<20	0.16	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
DUP 1902740	QC	11	9	0.03	28	<0.001	<20	0.17	<0.01	0.05	<2	<0.05	<1	<5	<5	<5				
Reference Materials																				
STD AGPROOF	Standard																		98	
STD AGPROOF	Standard																		95	
STD BVGEO01	Standard	25	166	1.30	329	0.230	<20	2.26	0.18	0.87	4	0.69	<1	<5	<5	6				
STD CPB-2	Standard																			62.66
STD CPB-2	Standard																			62.85
STD DS11	Standard	18	57	0.84	438	0.092	<20	1.19	0.07	0.40	<2	0.29	<1	<5	5	<5				
STD DS11	Standard	18	58	0.88	438	0.096	<20	1.18	0.07	0.41	3	0.29	<1	<5	6	<5				
STD OREAS134B	Standard																13.72	17.94		
STD OREAS133A	Standard																4.92	10.50		
STD OREAS262	Standard	17	42	1.18	253	0.003	<20	1.28	0.07	0.31	<2	0.26	<1	<5	<5	<5				

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Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

QUALITY CONTROL REPORT WHI19000584.2

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
STD OREAS262	Standard			<1	117	57	151	0.5	64	27	531	3.23	36	8	35	0.6	3	<3	22	2.96	0.039
STD OREAS262	Standard			<1	120	57	153	0.4	63	26	546	3.39	35	9	37	<0.5	<3	<3	22	3.01	0.039
STD OXI138	Standard		1.801																		
STD OXI138	Standard		1.804																		
STD OXI138	Standard		1.786																		
STD OXN134	Standard		7.770																		
STD OXN134	Standard		7.496																		
STD OXN134	Standard		7.397																		
STD OXQ114	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727
STD OXN134 Expected			7.667																		
STD OXI138 Expected			1.86																		
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD DS11 Expected				13.9	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected					118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04
STD OREAS134B Expected																					
STD OREAS133A Expected																					
STD CPB-2 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20	GC817 Pb % 2
STD OREAS262	Standard	17	41	1.18	243	0.003	<20	1.24	0.07	0.30	<2	0.27	<1	<5	<5	<5				
STD OREAS262	Standard	17	42	1.21	258	0.003	<20	1.38	0.07	0.33	<2	0.26	<1	<5	<5	<5				
STD OXI138	Standard																			
STD OXI138	Standard																			
STD OXI138	Standard																			
STD OXN134	Standard																			
STD OXN134	Standard																			
STD OXN134	Standard																			
STD OXQ114	Standard																		127	
STD OXQ114	Standard																		121	
STD SP49	Standard																		62	
STD SP49	Standard																		55	
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97				
STD OXN134 Expected																				
STD OXI138 Expected																				
STD AGPROOF Expected																			94	
STD SP49 Expected																			60.2	
STD OXQ114 Expected																			127.1	
STD DS11 Expected		18.6	61.5	0.85	417	0.0976	6	1.129	0.0694	0.4	2.9	0.2835	0.3	4.9	4.7	3.1				
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.204	0.071	0.312		0.253			3.73	3.24				
STD OREAS134B Expected																	13.36	18.03		
STD OREAS133A Expected																	4.9	10.87		
STD CPB-2 Expected																				63.52
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5				
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5				
BLK	Blank																			
BLK	Blank																			

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		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	2	<3	32	<0.3	1	4	554	1.94	<2	3	19	<0.5	<3	<3	24	0.66	0.042
ROCK-WHI	Prep Blank		<0.005	<1	3	<3	30	<0.3	1	4	528	1.88	<2	2	28	<0.5	<3	<3	24	0.65	0.040

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **Equity Exploration Consultants Ltd.**
#1510 - 250 Howe St.
Vancouver British Columbia V6C 3R8 Canada

Project: ANZ19-01
Report Date: October 19, 2019

QUALITY CONTROL REPORT WHI19000584.2

		AQ300 La ppm 1	AQ300 Cr ppm 1	AQ300 Mg % 0.01	AQ300 Ba ppm 1	AQ300 Ti % 0.001	AQ300 B ppm 20	AQ300 Al % 0.01	AQ300 Na % 0.01	AQ300 K % 0.01	AQ300 W ppm 2	AQ300 S % 0.05	AQ300 Hg ppm 1	AQ300 Tl ppm 5	AQ300 Ga ppm 5	AQ300 Sc ppm 5	Pb % 0.01	MA404 Zn % 0.01	FA530 Ag gm/t 20	GC817 Pb % 2
BLK	Blank																		<20	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																		<20	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5				
BLK	Blank																<0.01	<0.01		
Prep Wash																				
ROCK-WHI	Prep Blank	6	4	0.54	53	0.079	<20	0.88	0.06	0.08	<2	<0.05	<1	<5	<5	<5				
ROCK-WHI	Prep Blank	6	3	0.52	67	0.080	<20	0.91	0.07	0.09	<2	<0.05	<1	<5	<5	<5				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Appendix I: 2019 Geochem QA/QC Report

QUALITY ASSURANCE / QUALITY CONTROL

Control samples were inserted into the sample stream for both the Phase 1 soil samples (blanks and field duplicates) and the Phase 2 drill core samples (standards, blanks, and field duplicates) from the 2019 exploration program at the Haldane property.

I Chain of Custody

All samples were bagged and sealed within the core preparation area under the supervision of the project geologist and subsequently packed in rice sacks and sealed with uniquely numbered, non-resealable security straps. Rice sacks were delivered via Haldane Services to the Bureau Veritas Labs Ltd. preparation facility in Whitehorse, an ISO 9001 registered laboratory. Bureau Veritas reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

II Standards

Certified reference materials (CRM) were inserted into the sample stream to gauge the accuracy of the lab's analyses. One CRM, CDN-ME-1603, was used for the 2019 drill program. The mean and standard deviation established during round robin standard certification are used for calculating warning and control limits. Warning limits are set at the mean ±2 standard deviations (σ) and control limits are set at ±3σ. Any single CRM beyond the upper and lower control limits is deemed a failure and consecutive standards on the same certificate exceeding the warning limits are also deemed failures.

Table 12:CRM Data

Standard Name	Element	Expected (ppm)	StDev (ppm)
CDN-ME-1603	Ag	86	1.5
CDN-ME-1603	Au	0.995	0.033
CDN-ME-1603	Pb	13400	250
CDN-ME-1603	Zn	4500	150

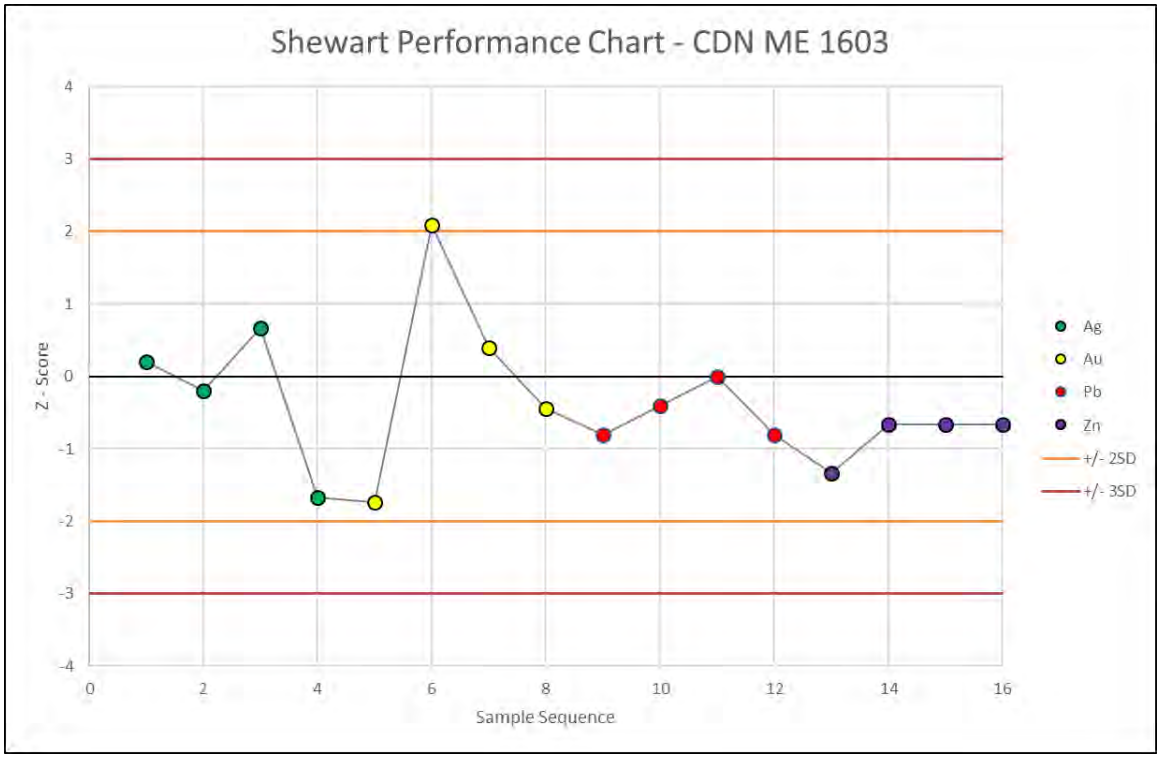


Figure 3: Z-Score analysis for the standard samples submitted as part of the drill core sample stream. The results show the standards reported results within warning limits for all elements of interest, particularly Ag, Pb and Zn.

Shewhart charts which plot concentration versus sample sequence are attached below. By plotting the Z-score, multiple CRM's can be displayed for each element; the Z-score levels the mean and standard deviation for each CRM so that warning limits are indicated by a Z-score of ±2 and control limits are indicated by a Z-score of ±3. No standards have failed for any elements.

III Blanks

Blanks are samples which are known to be barren of mineralization or are from locally derived material lacking obvious alteration of mineralization. Blanks are inserted into the sample stream in the field to determine whether contamination has occurred after sample collection. A total of 4 blanks were inserted into the sample sequence and submitted for analysis. The blank material is sourced from a quarry in the lower mainland.

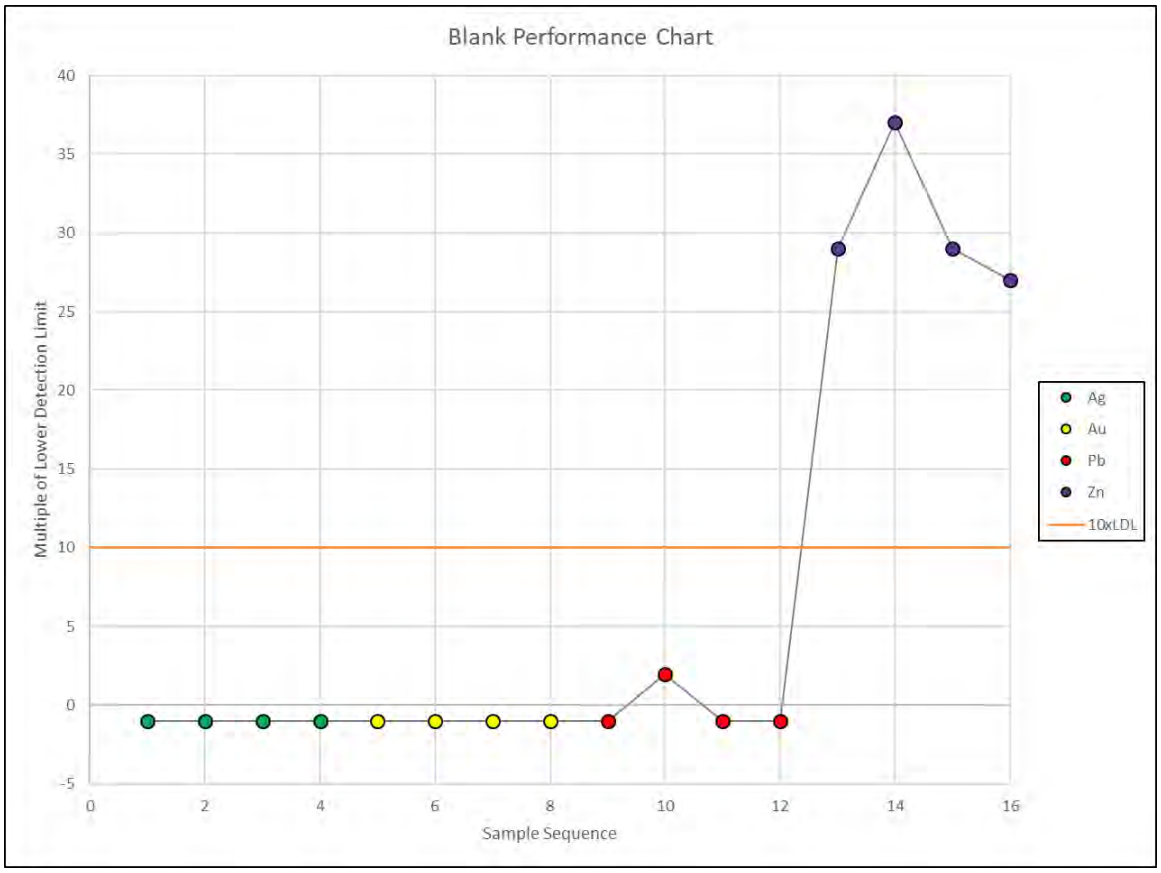


Figure 4: Analytical results for blank samples inserted in the sample stream for drill core from the Haldane project. The results show no sign of contamination for the elements of interest. The 10x greater than detection values for Zn are typical of the material used for the blank.

Review of the analytical results from the blanks samples indicates that all blank samples in the core sample stream returned uniformly low values in elements of interest; Au, Ag, Pb, and Zn. Zn values are above 10 times the lower detection limit, however they are consistent with results for this blank material from other programs run by Equity Exploration Consultants Ltd. using this material.

Values that plot on the y-axis indicate the multiple of the respective lower detection limit for each element of interest, where a value of -1 indicates the analysis was below the lower detection limit. Values of the x-axis are arbitrary numbers and do not reflect any values associated with the blank samples.

Blank samples were also submitted as part of the soil sample program and none showed any indication of contamination with results at or near detection limit or showing very little variation in results for all samples.

IV Field Duplicate Analysis

Field duplicates represent the collection and analysis of two separate samples from the same core interval, each of which were submitted as separate samples creating the duplicate-pair. These field duplicates are used to measure the reproducibility or precision of sampling, which includes both laboratory variation and sample variation. The duplicate-pairs will contain all the cumulative error associated with the sampling and analytical process and may also allow the determination of true, or effective, detection limits (where the cumulative uncertainty of sampling and analytical techniques, or precision, equals 100%). A total of 8 field duplicate-pairs were inserted into the sample sequence (approximately every 40th sample) and submitted for analysis.

Although the number of duplicate core samples submitted do not represent a statistically significant population, visual inspection of duplicate samples shows very good correlation between two samples taken from the same interval.

Results for the 9 soil duplicates also show very good correlation with the parents, save one sample site. Nonetheless, that site that returned highly to very highly anomalous results for most elements of interest in both parent and duplicate, exhibiting variability that might be expected in a highly mineralized environment and given the generally coarse grained nature of the sample medium.

V Conclusions

- Results from the 4 standards inserted into the sample stream showed variability well below failure levels and only one sample was at warning levels for gold. These results imply that results returned from the drill core sampling program are accurate.
- All blank samples returned values at or below detection limits for all elements of interest or equivalent to known values for the material employed. Thus, there is no evidence of contamination from sampling the field through to reporting of results.

Appendix J: Geologist's Certificates

GEOLOGIST'S CERTIFICATE

I, Murray I. Jones, of 25 Av. Châteauguay, City of Rouyn-Noranda, in the Province of Québec, DO HEREBY CERTIFY:

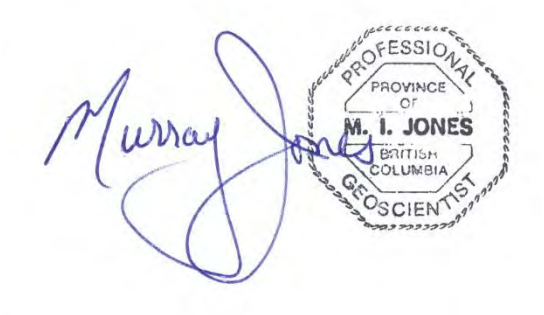
1. THAT I am a Consulting Geologist.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology in 1982, and a graduate of the University of Ottawa with a Master of Science degree in Geology in 1992.

3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#20063).

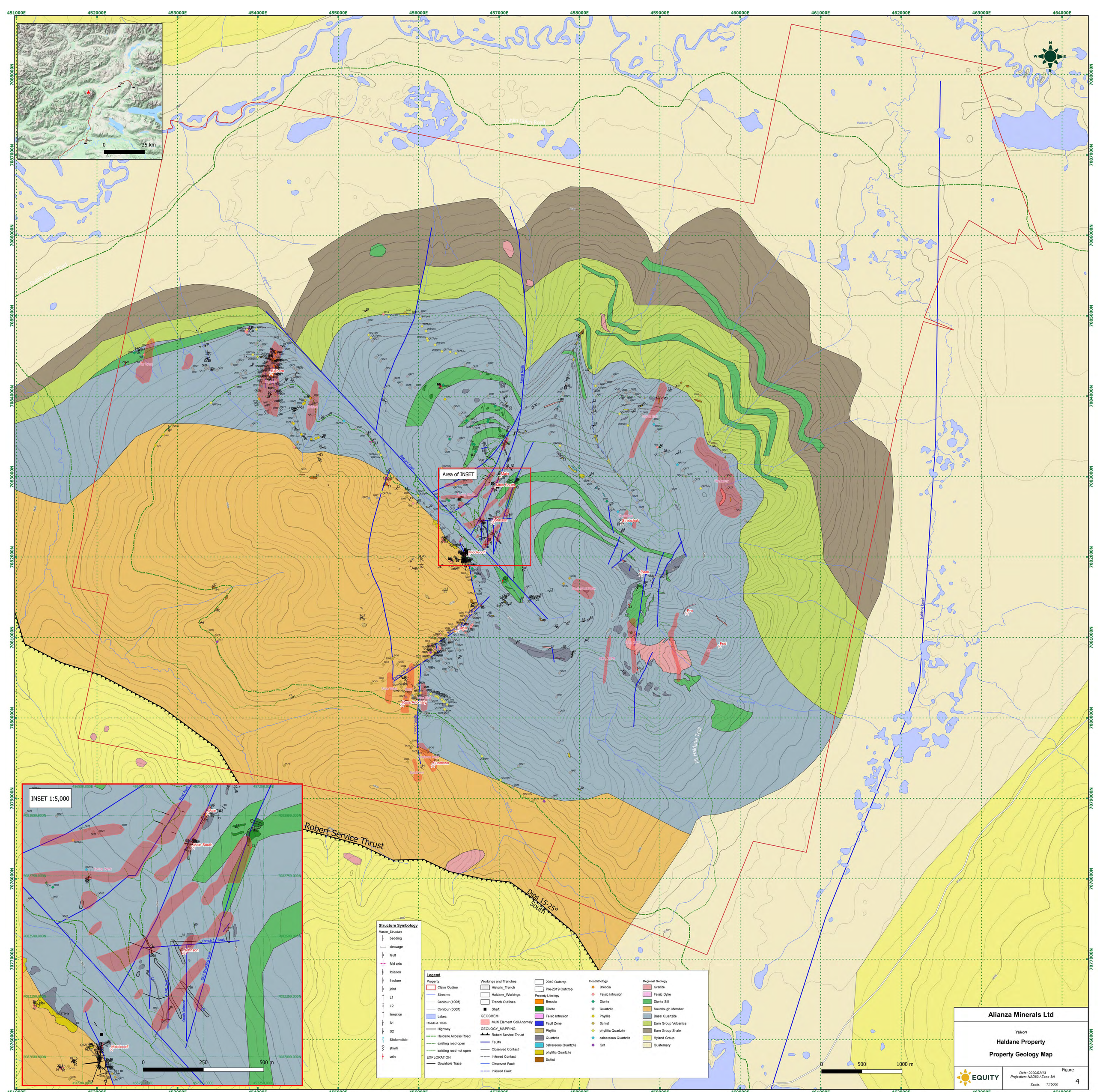
4. THAT this report is based on a field program carried out under my direct supervision in the period between June 16 and September 18, 2019 and on publicly available and company reports

DATED at Vancouver, British Columbia, this 28th day of January, 2018.



Murray I. Jones, M.Sc., P.Geo.

EQUITY


Area of INSET
INSET 1:5,000
Robert Service Thrust
Dips 15-25° South
Bighorn
Main
Main South
Middlecoff
Johnson
Strebchuk
Peak
Pro
Fed
Cabin
Ross Anomaly
Sundown
Ewing Creek
Ewing South
Ewing Off Lease
Ross West
Haldane Creek
Mt Haldane Trail
Haldane Access Road
Trench A7 Fault
Lu-01 Fault
East Boundary Fault
South Johnson
West Face
Twin West
Structure Symbology
Master_Structure
bedding
cleavage
fault
fold axis
foliation
fracture
joint
L1
L2
lineation
S1
S2
Slickenslide
stkwk
vein
Legend
Property
Claim Outline
Streams
Contour (100ft)
Contour (500ft)
Lakes
Roads & Trails
Highway
Haldane Access Road
existing road-open
existing road-not open
EXPLORATION
Downhole Trace
Workings and Trenches
Historic_Trench
Haldane_Workings
Trench Outlines
Shaft
GEOCHEM
Multi Element Soil Anomaly
GEOLOGY_MAPPING
Robert Service Thrust
Faults
Observed Contact
Inferred Contact
Observed Fault
Inferred Fault
2019 Outcrop
Pre-2019 Outcrop
Property Lithology
Breccia
Diorite
Felsic Intrusion
Fault Zone
Phyllite
Quartzite
calcareous Quartzite
phyllitic Quartzite
Schist
Float lithology
Breccia
Felsic Intrusion
Diorite
Quartzite
Phyllite
Schist
phyllitic Quartzite
calcareous Quartzite
Grit
Regional Geology
Granite
Felsic Dyke
Diorite Sill
Sourdough Member
Basal Quartzite
Earn Group Volcanics
Earn Group Shale
Hyland Group
Quaternary
0
250
500 m
0
500
1000 m
0
25 km
Alianza Minerals Ltd
Yukon
Haldane Property
Property Geology Map
EQUITY
Date: 2020/02/13
Projection: NAD83 / Zone 8N
Scale: 1:15000
Figure
4

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

Main
Main South
Johnson
Middlecoff
Strebchuk
Gaben
Sundown
Ross Anomaly
Ross West
Ross East
Ross Back
Sundown Hill
Sundown Flats
Boulevard Peak
Mt. Haldane Trail
Robert Service Thrust
Dips 15-25° South
Ewing North
Ewing South
Ewing Off set
Robert Fault
Fir Zone
Bonanza Ck
Haldane Ck
North Star
Discovery
Ridge 1
Ridge 2
Ridge 3
Ridge 4
Ridge 5
Ridge 6
Ridge 7
Ridge 8
Ridge 9
Ridge 10
Ridge 11
Ridge 12
Ridge 13
Ridge 14
Ridge 15
Ridge 16
Ridge 17
Ridge 18
Ridge 19
Ridge 20
Ridge

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

0 250 500 m

0 500 1000 m

0 25 km

Robert Service Thrust
Dips 15-25° South

Ewing North

Ewing South

Ewing Offset

Robert Fault

Haldane Trail

Legend

Property
- Claim Outline
- Streams
- Contour (100ft)

Roads & Trails
- Haldane Access Road
- existing road-open
- existing road-not open

- 2019 Collar
- pre 2019 Collar
- Downhole Trace

Workings and Trenches
- Historic_Trench
- Haldane_Workings
- Trench Outlines
- Shaft

GEOCHEM

Rock Geochemistry - Silver
- < 5 ppm
- 5 - 20
- 20 - 100
- > 100 ppm
- Multi Element Soil Anomaly

Soil Geochemistry - Silver
- < 0.5 ppm
- 0.5 - 0.86
- 0.86 - 1.76
- 1.76 - 3.45
- > 3.45 ppm

Silt Geochemistry - Silver
- < 0.3 ppm
- 0.3 - 0.5
- 0.5 - 0.91
- > 0.91 ppm

- Robert Service Thrust
- Normal Faults
- Lineaments

Alianza Minerals Ltd

Yukon

Haldane Property

2019 Geochemistry - Silver

EQUITY

Date: 2020/02/13
Projection: NAD83 / Zone 8N
Scale: 1:10000

Figure 8b

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

0 25 km

0 250 500 m

0 500 1000 m

Robert Service Thrust

Dips 15-25° South

Ewing North

Ewing Off set

Ewing South

Bighorn Fault

Mt Haldane Trail

Legend

Property
- Claim Outline
- Streams
- Contour (100ft)

Roads & Trails
- Haldane Access Road
- existing road-open
- existing road-not open

- 2019 Collar
- pre 2019 Collar
- Downhole Trace

Workings and Trenches
- Historic_Trench
- Haldane_Workings
- Trench Outlines
- Shaft

GEOCHEM

Rock Geochemistry - Lead
- < 250 ppm
- 250 - 1000
- 1000 - 5000
- > 5000 ppm
- Multi Element Soil Anomaly

Soil Geochemistry - Lead
- < 20 ppm
- 20 - 32
- 32 - 89
- 89 - 208
- > 208 ppm

Silt Geochemistry - Lead
- < 13.1 ppm
- 13.1 - 21.5
- 21.5 - 28.6
- > 28.6 ppm

- Robert Service Thrust
- Normal Faults
- Lineaments

Alianza Minerals Ltd

Yukon

Haldane Property

2019 Geochemistry - Lead

EQUITY

Date: 2020/02/13
Projection: NAD83 / Zone 8N
Scale: 1:10000

Figure 8c

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

0 250 500 m

0 500 1000 m

0 25 km

Robert Service Thrust
Dips 15-25° South

Legend

Property
- Claim Outline
- Streams
- Contour (100ft)

Roads & Trails
- Haldane Access Road
- existing road-open
- existing road-not open

- 2019 Collar
- pre 2019 Collar
- Downhole Trace

Workings and Trenches
- Historic_Trench
- Haldane_Workings
- Trench Outlines
- Shaft

GEOCHEM

Rock Geochemistry - Zinc
- < 150 ppm
- 150 - 750
- 750 - 5000
- > 5000 ppm
- Multi Element Soil Anomaly

Soil Geochemistry - Zinc
- 0 - 88
- 88 - 116
- 116 - 221
- 221 - 357
- 357 - 10000

Silt Geochemistry - Zinc
- < 75 ppm
- 75 - 137
- 137 - 392
- > 392 ppm

- Robert Service Thrust
- Normal Faults
- Lineaments

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Yukon

Haldane Property

2019 Geochemistry - Zinc

EQUITY

Date: 2020/02/13
Projection: NAD83 / Zone 8N
Scale: 1:10000

Figure 8d

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

Robert Service Thrust

Dips 15-25° South

Ewing North

Ewing South

Ewing Offset

Ewing Off set

Ewing Off set

Bighorn Fault

Bighorn Fault

Bighorn Ck

Bighorn Ck

Ewing Ck

Ewing Ck

Ewing

INSET A
1:1,000

INSET B
1:5,000

INSET 1:750

Area of INSET A

Area of INSET B

Robert Service Thrust

Dips 15-25° South

Ewing North

Ewing South

Ewing Off-set

Johan Offset

Bighorn Fault

Haldane Trail

Legend

Property
- Claim Outline
- Streams
- Contour (100ft)

Roads & Trails
- Haldane Access Road
- existing road-open
- existing road-not open

- 2019 Collar
- pre 2019 Collar
- Downhole Trace

Workings and Trenches
- Historic_Trench
- Haldane_Workings
- Shaft

GEOCHEM
2008-2019 Surface Rock
Rock Geochemistry - Antimony
- < 4.5 ppm
- 4.5 - 20
- 20 - 50
- > 50 ppm

- Multi Element Soil Anomaly

Soil Geochemistry - Antimony
- < 1.12 ppm
- 1.12 - 1.68
- 1.68 - 3.20
- 3.20 - 5.60
- > 5.60 ppm

Silt Geochemistry - Antimony
- < 0.51 ppm
- 0.51 - 0.73
- 0.73 - 1.25
- > 1.25 ppm

- Robert Service Thrust
- Normal Faults
- Lineaments

0 500 1000 m

0 250 500 m

0 25 km

Alianza Minerals Ltd

Yukon

Haldane Property

2019 Geochemistry - Antimony

EQUITY

Date: 2020/02/14
Projection: NAD83 / Zone 8N
Scale: 1:10000

Figure 8f