Report of Work 2018 and 2019

on the

Dempster Vanadium Property

DV1 to 100 YF75801 to YF75900
DV101 to 196 YE94041 to YE94136

in the

Dawson Mining District, Yukon

NTS Sheet 116I16
66°54' N. Lat., 136°18' W. Long.

Operator

DVY196 Holdings Ltd. (100%)

by

Mark Fekete, P.Geo. and Marty Huber, P.Geo.

October 31, 2019

BREAKAWAY EXPLORATION MANAGEMENT INC.

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Table of Contents

List of Figures

List of Tables

Certificate of Qualifications

I, Mark Fekete, having my place of residence at 178 Dennison Boulevard in Val d'Or in the Province of Quebec do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of British Columbia (1986), I have been engaged as a Geologist continuously since 1986, I am a Member in good standing of the Order of Geologists of Quebec (OGQ #553) and the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC #31440), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;

2. I inspected the Dempster Vanadium property over a six-day period ending September 14, 2019;

3. I co-wrote this technical report entitled "Report of Work 2018 and 2019 on the Dempster Vanadium Property, DV1 to 100 (YF75801 to YF75900) and DV101 to 196 (YE94041 to YE94136) in the Dawson Mining District, Yukon" based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report;

4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;

5. I hold a direct interest in the Dempster Vanadium property as a result of my current involvement with the Property; and

7. I have read, and this report has <u>not</u> been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 31st day of October 2018,

(s) "Mark Fekete"

_____

Mark Fekete, P.Geo.

Certificate of Qualifications

I, Marty Huber, having my place of residence at 16 Flax Mill Dr. in Conestogo in the Province of Ontario do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from Acadia University (2011) and a Master of Science Degree in Mineral Exploration from Laurentian University (2018), I have been engaged as a Geologist continuously since May 2011, I am a Member in good standing of the Association of Professional Geoscientists of Nova Scotia (APGNS #232), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;

2. I inspected the Dempster Vanadium property over a six-day period ending September 14, 2019;

3. I co-wrote this technical report entitled "Report of Work 2018 and 2019 on the Dempster Vanadium Property, DV1 to 100 (YF75801 to YF75900) and DV101 to 196 (YE94041 to YE94136) in the Dawson Mining District, Yukon" based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report;

4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;

5. I hold a direct interest in the Dempster Vanadium property as a result of my current involvement with the Property; and

7. I have read, and this report has <u>not</u> been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 31st day of October 2018,

(s) "Marty Huber"

_____

Marty Huber, P.Geo.

Introduction and Terms of Reference

This technical report (the "Report") describes the exploration work done in 2019 on the Dempster Vanadium property (the "Property") in Northeastern Yukon. It was prepared by Breakaway Exploration Management Inc. at the request of DVY196 Holdings Corp. It was written to satisfy assessment work requirements under the Yukon Quartz Mining Act and is not intended for the purposes of National Instrument 43-101 nor is it in accordance with Form 43-101F1. The second half of the work was partially funded by a Yukon Mining Exploration Program ("YMEP") grant.

The Report refers to publicly available data primarily found on the Yukon Energy and Mines (n.d.) website. The discussion of past exploration, geological setting and mineralization is largely derived from Dumala (2007a), Dumala (2007b) and Héon (2006). Field work was done on the Property over a six-day period ending September 14, 2019.

The goal of the exploration work was to evaluate the vanadium potential of the Property. Specifically, it focused on the areas of the Property where significant vanadium was previously found in surface and drill core samples. The work was done as a Class I activity that as such did not require a Quartz Mining Land Use Permit.

Location, Access and Claim Information

The Property is in Northern Yukon approximately 65 kilometres north of Eagle River (Figure 1). Excellent access is provided by the Dempster Highway that runs along the entire length of the Property. The distance to any point on the claim block from the highway is less than 3.0km.

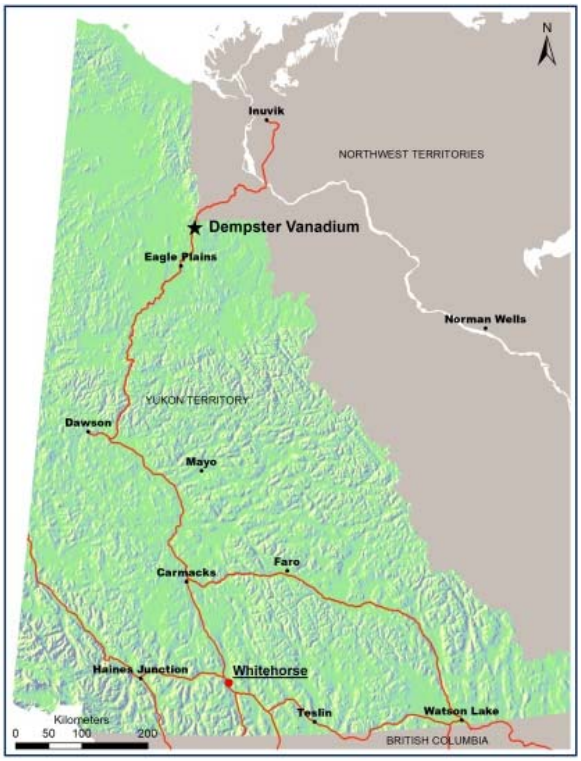

Figure 1: Location map

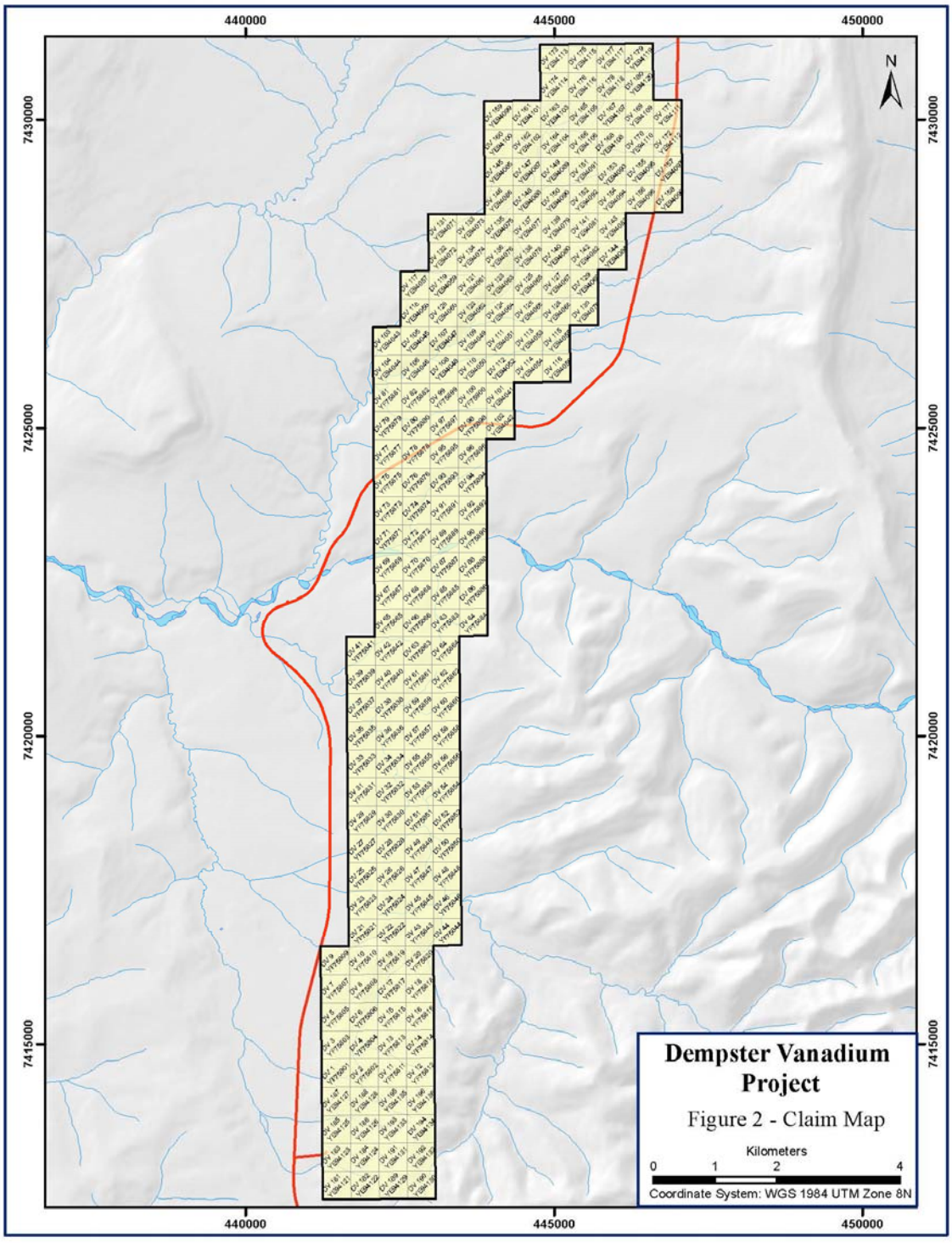

Figure 2: Claim map

The Property includes 196 mineral titles covering an area of approximately 40.96km^2 detailed in Table 1. Annual work assessment requirements are $19,600, and filing fees are estimated at $980. The Property can be expanded to 400 claims or 83.6km^2. The claims are recorded to DVY196 Holdings Corp. (the "Company"), a corporation with registered office at 3081 Third Avenue, Whitehorse. Mark Fekete, P.Geo. and Marty Huber, P.Geo. (the "Authors") are the principal shareholders of the Company.

Table 1: Claim information

Claim No.	Grant No.	Expiry Date
DV 1 to DV 100	YF75801 to YF75900	April 5, 2021[1]
DV 101 to DV 196	YE94041 to YE94136	April 5, 2021[1]

1. Subject to acceptance of the work described in this Report

Exploration History

Previous work on the property was focused on nickel mineralization but ignored the vanadium potential. Significant vanadium values were first reported by Héon (2006) from a road cut on the Dempster Highway at Km 450 where chip sampling returned 0.26% V_2O_5 over 7.3m. Numerous grab samples in this area also returned high vanadium values.

In 2007 Southampton Ventures Inc. did exploration work on its Fox (Dumala, 2007a) and Sun (Dumala, 2007b) properties for nickel. This work was done along a 12km segment of the Canol Formation underlying the Property and included surface geochemical sampling followed by diamond drilling. A total of 417 soil sample, 63 silt and 7 rock samples were collected at random and along widely spaced grid lines. A total of 720.9m of core drilling in seven holes was done.

Geological Setting and Mineralization

The property covers a 20km segment of the regional scale contact between the Cambrian to Upper Devonian Road River Group and the Upper Devonian Earn Group within the Richardson Trough (Figure 3). The Canol Formation forms the base of the Earn Group and directly overlies Road River. At this unconformity contact there is a distinct zone referred to by Fraser and Hutchison (2017) as the Road River - Canol transition zone ("RCTZ"). Sections of the RCTZ mapped at Trail River (Fraser and Hutchison, 2017) and Peel River (Fraser et al., 2018) consist of a 1 to 2m base layer of limestone and/or dolostone concretions, overlain by a 2 to 3 m interval of calcareous, nodular mudstone and capped by a discrete, 20 to 30 cm horizon of organic-rich, non-calcareous black shale enriched in nickel, molybdenum and platinum group elements. This thin upper layer was first identified as the "NiMo" or "Nick" horizon on the Nick property located 245km south of the Property (Hulbert et al, 1992). It is continuous over >20,000km^2 in northeastern Yukon with an average thickness of 3 to 8 cm. It is an example of a hyper metal-enriched black shales HEBS-type mineralization (Fraser et al., 2018).

The HEMS-type mineralization in Northeastern Yukon is believed to be due to a large-scale syngenetic event caused by the reduction effects of organic material in a restricted anoxic basin. It is well documented that organic material in anoxic environments plays a critical role in metal enrichment processes in shales (Fraser et al., 2018).

The RCTZ was first recognized in the Dempster area by Héon (2006) during a study to assess the mineral potential of the Eagle Plains area. It is continuous within the Property with minor offsets due to normal vertical faults. It continues south in excess of 150km outside the boundaries of the Property but becomes progressively more distant from the Dempster Highway. Eventually it passes into terrain where mineral exploration and development is prohibited.

The soil samples collected by previous workers (Dumala 2007a and 2007b) outline numerous broad zones of strongly anomalous vanadium with values ranging from 8 to 20 times greater than background defined as less than 100ppm V. Anomalous values several times background levels were also noted for several other metals including barite, nickel, silver and zinc. Rock samples returned up to 1810ppm V. The sample locations and results for vanadium, zinc and nickel surface soil samples have been manually validated and geo-referenced from PDF copies of the original sample location maps and complied onto digital maps (Figures 5, 6 and 7).

Of the seven holes completed by Southampton (Dumala 2007a and 2007b), five of the holes were reported to have intersected the target NiMo horizon, one hole was lost due to caving, and one was thought not deep enough to intersect the horizon. A review of the geochemical data found significant vanadium values in core samples from six of the holes (Figure 3). However, since the previous drilling was focused on visible base metal sulphide mineralization, not enough samples were collected to define the upper and lower limits of the vanadium mineralization. Moreover, in holes DV07-01 and -06, multiple vanadium-bearing intervals were found separated by wide gaps in the sampling. This indicated the vanadium mineralization was not restricted to the NiMo horizon, thus providing the motivation for the work described in this Report. Vanadium-bearing intervals obtained in the previous drilling are summarized as follows:

Table 2: Previous drill results

AF No.	Hole No.	From m	Int. m [1]	$\%V_2O_5$ [2]	Comment
SN07-01	DV07-01	62.63	3.67	0.40	Missed NiMo - too deep in section (Dumala, 2007b)
	&	95.96	1.77	0.15	
SN07-02	DV07-02	32.18	5.32	0.47	Stopped short of NiMo target horizon (Dumala, 2007b)
SN07-03	DV07-03	77.73	12.42	0.07	
FX07-01	DV07-04	-	-	-	Lost hole (Dumala, 2007a)
FX07-02	DV07-05	66.30	4.20	0.26	
FX07-03	DV07-06	79.79	1.25	0.54	
	&	114.56	4.38	0.22	
FX07-04	DV07-07	33.52	4.19	0.53	

1. All intersections are open both up and down hole, i.e. all V_2O_5 intervals are potentially wider than reported
2. Vanadium parts per million (V ppm) converted to vanadium pentoxide per cent V_2O_5 % by factor of 1.7852

Deposit Type

Currently 90% of the world's vanadium supply is used by the steel industry. Ferrovanadium ("FeV") is an essential hardening agent in steel alloys used for the manufacture of axles, tools and structural rebar. Rebar is integral to emerging markets infrastructure projects. China is the largest producer of mined and recycled vanadium and is perceived as a threat to US steel industry and national security. In 2017 vanadium was declared a critical metal by the Trump administration because of its strategic importance and its limited domestic supply. This has led to an exploration and development boom for mineable vanadium in Nevada and the Uravan areas of the US.

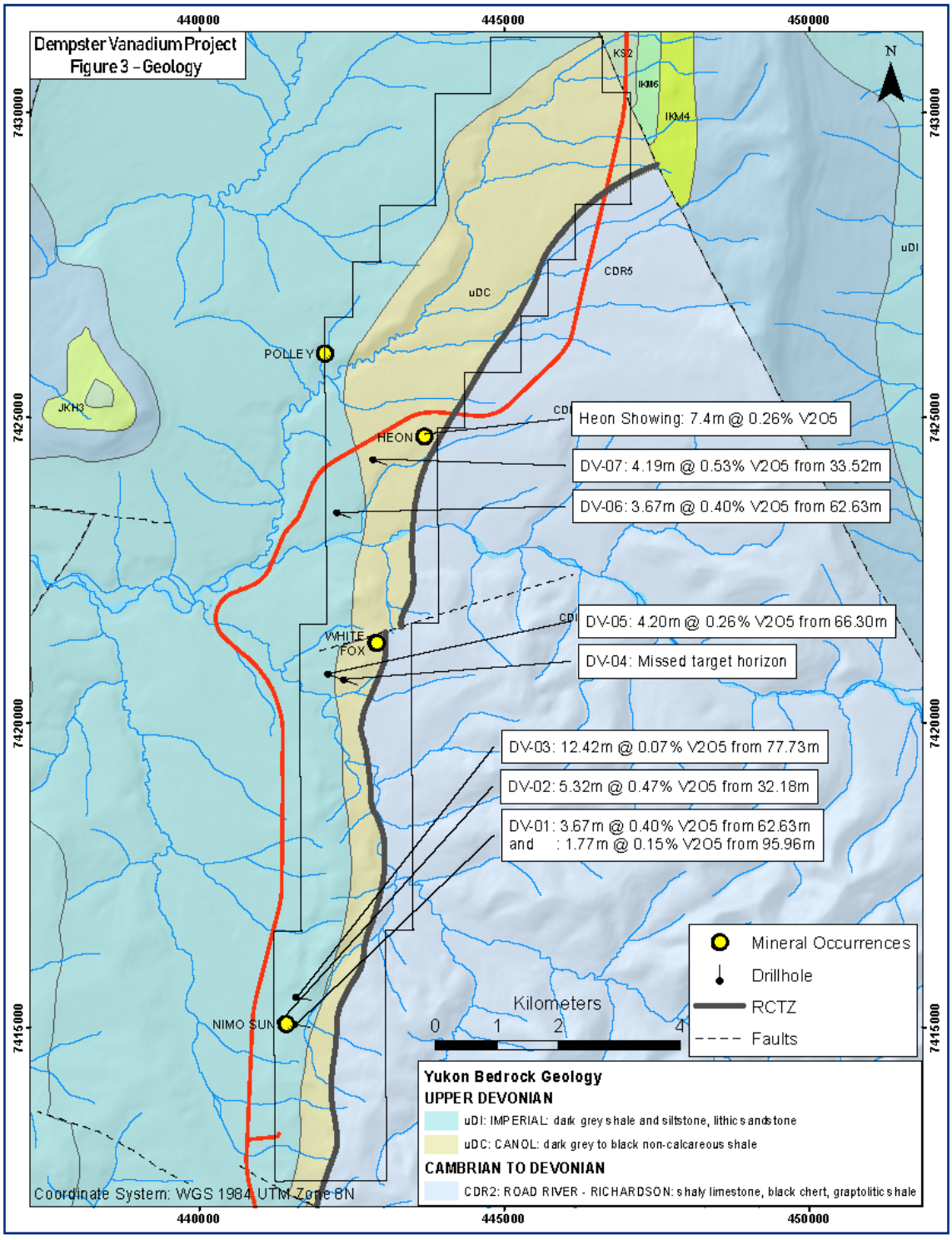

Figure 3: Geology map with vanadium-bearing Canol Formation (yellow)

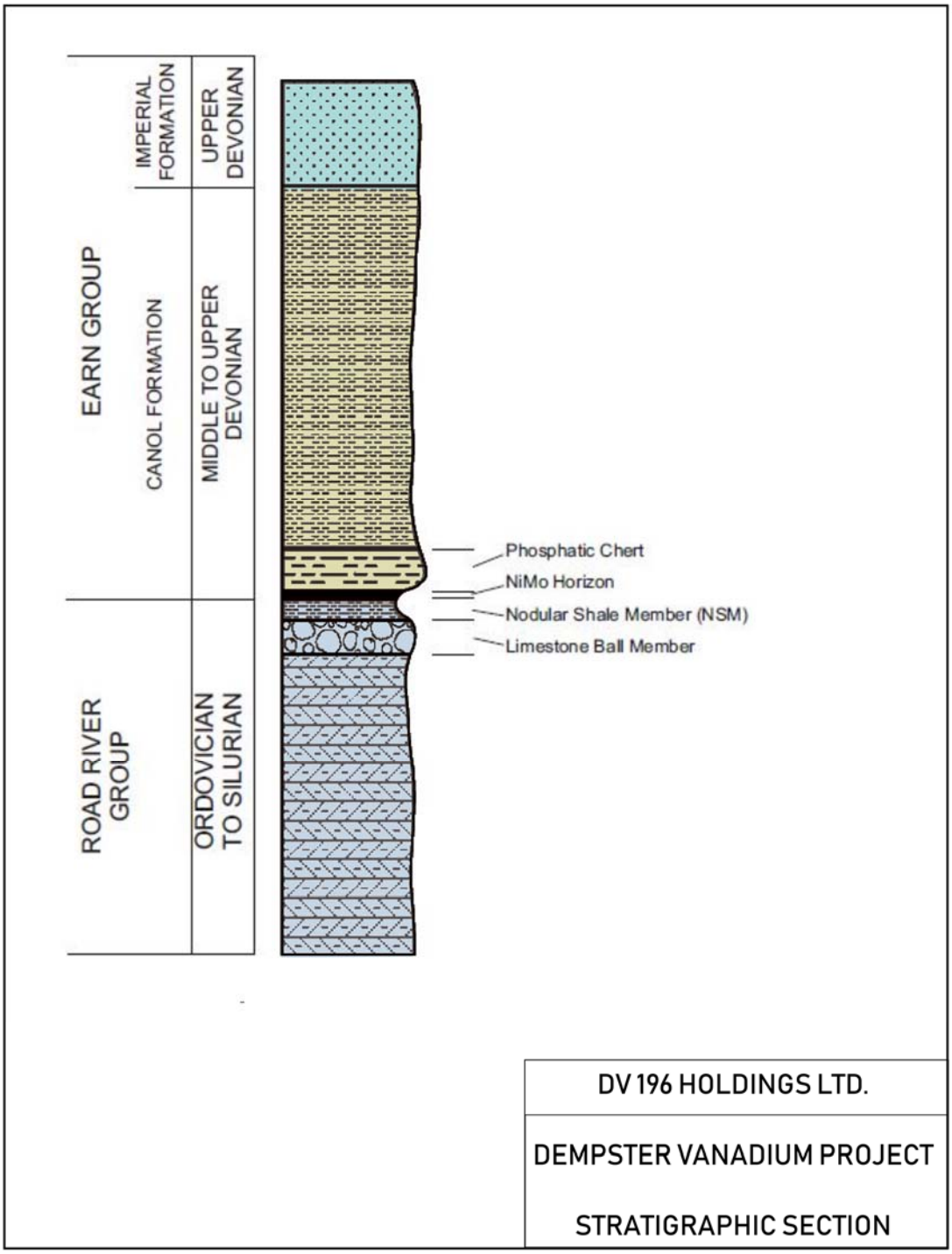

Figure 4: Stratigraphic section (after Dumala, 2007a)

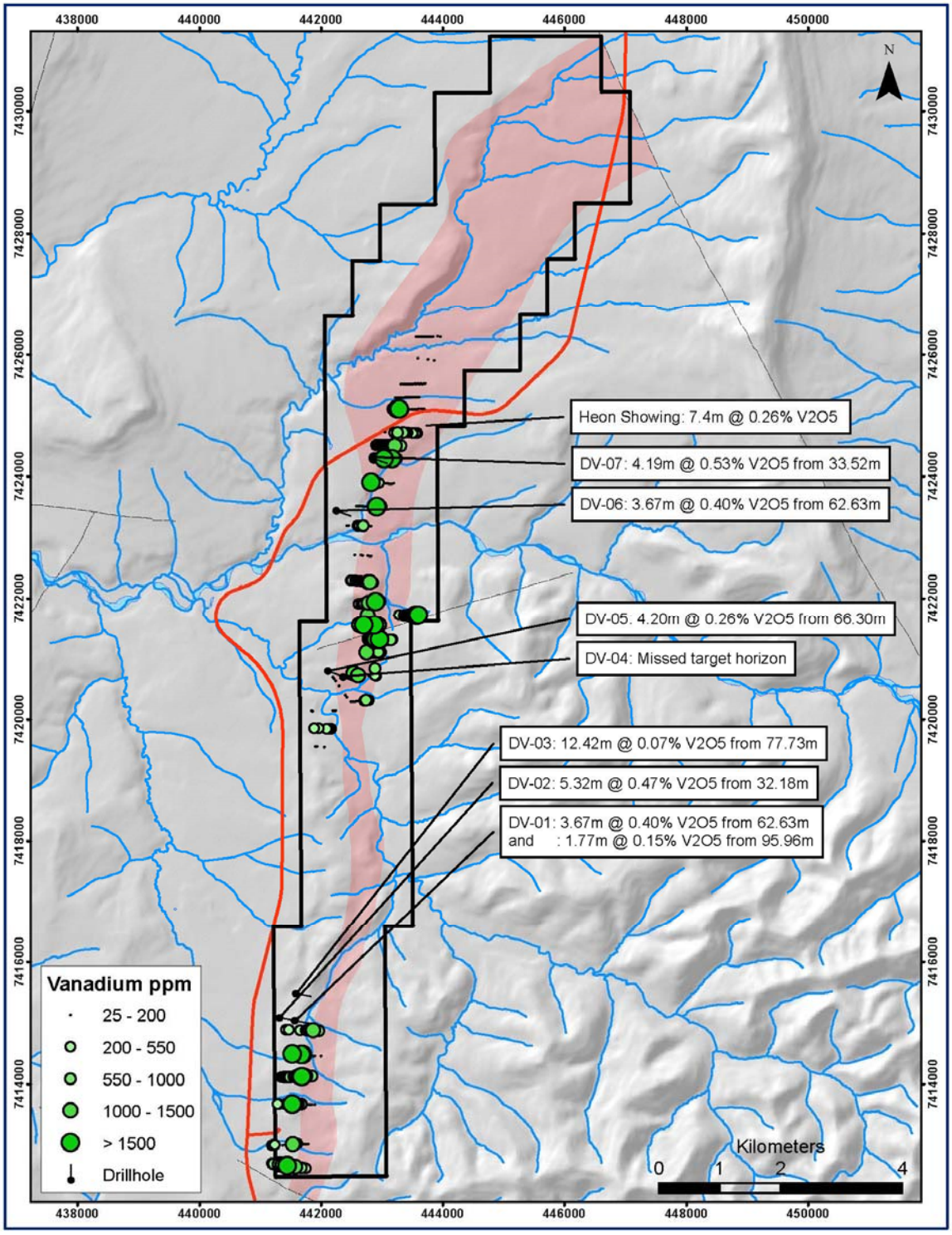

Figure 5: Previous vanadium surface and drill results (after Dumala, 2007a and 2007b)

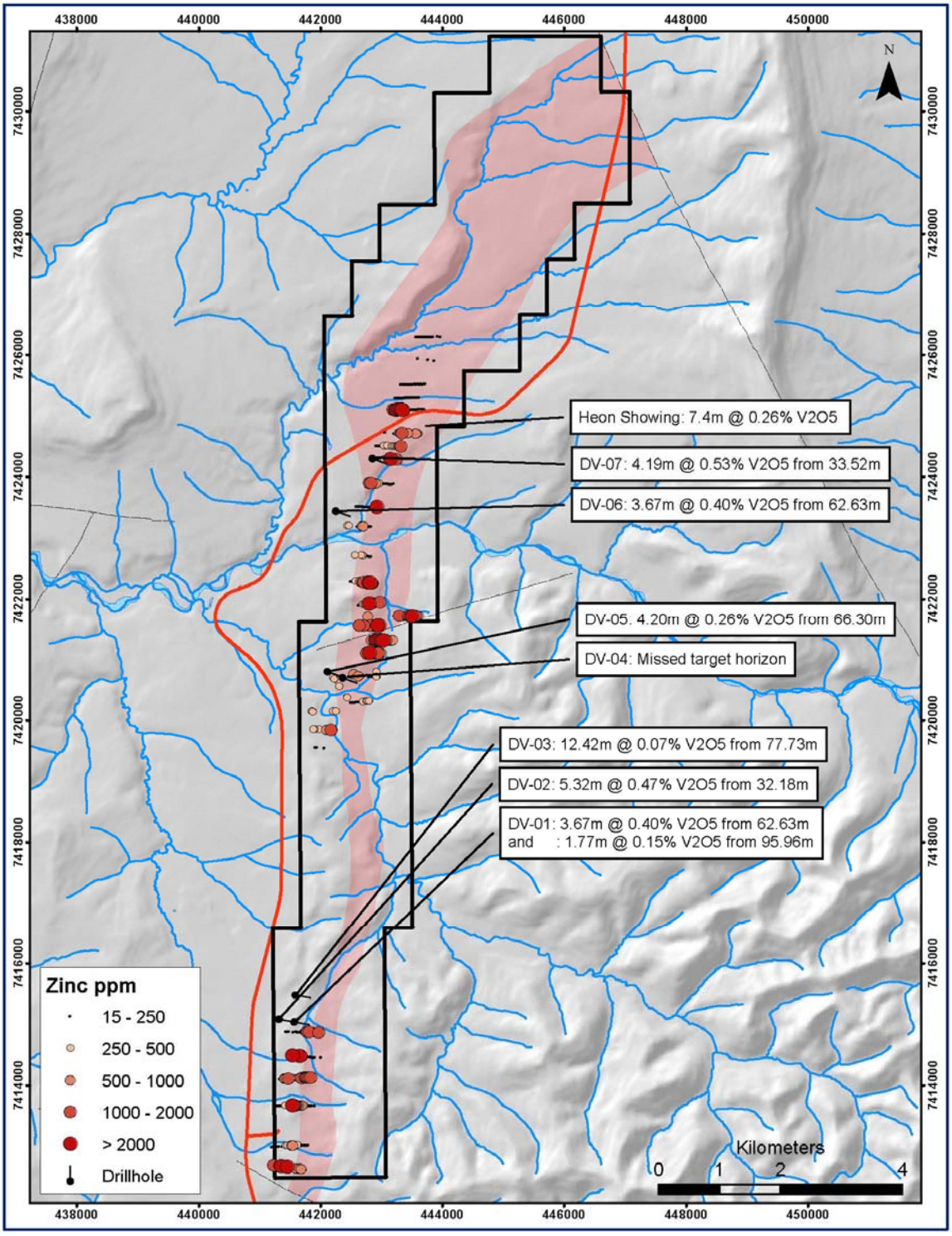

Figure 6: Previous zinc surface and results (after Dumala, 2007a and 2007b)

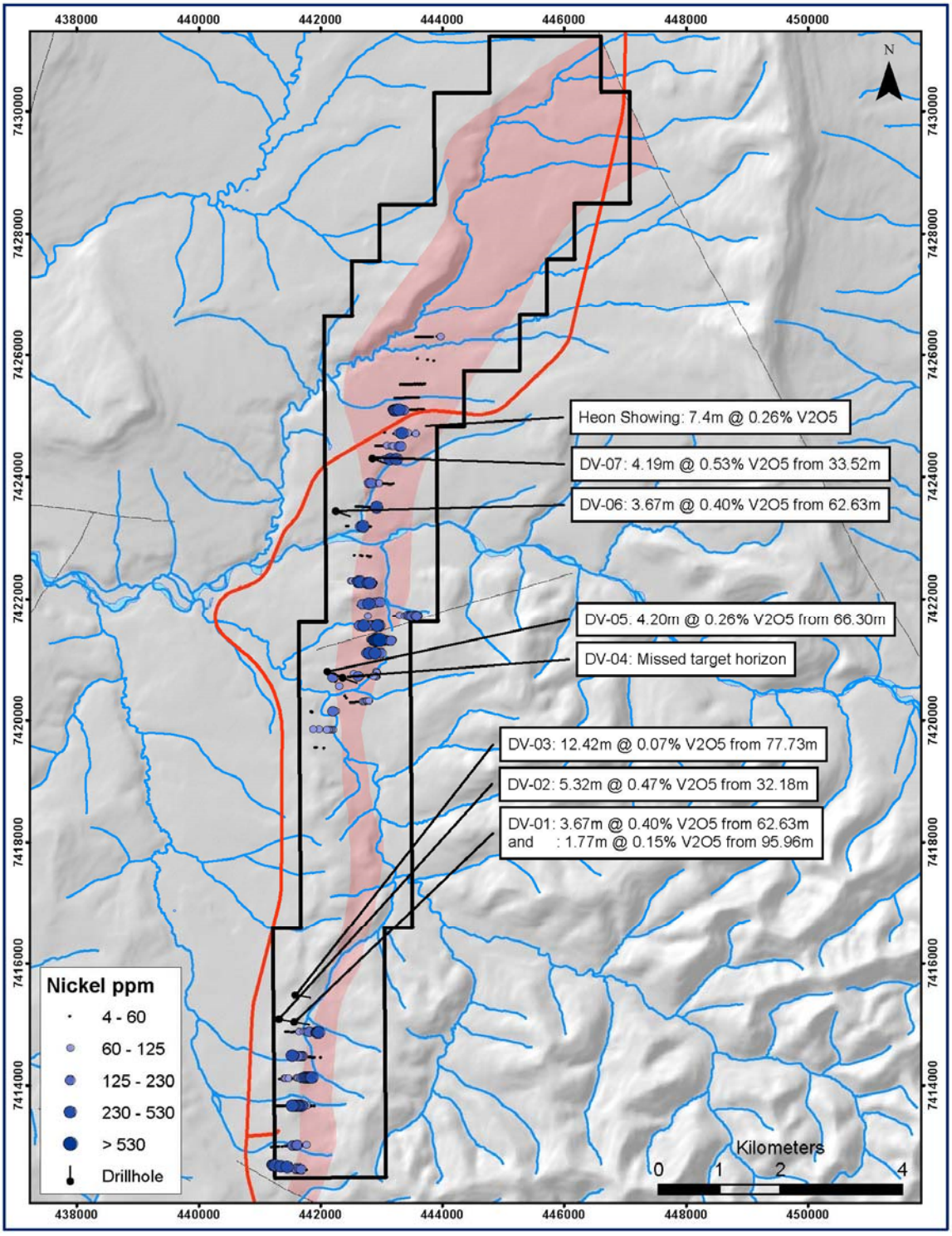

Figure 7: Previous nickel surface and drill results (after Dumala, 2007a and 2007b)

Vanadium is also seeing increased usage in batteries for the expanding clean energy sector. Vanadium Redox Flow Battery (VRFB) are large batteries for grid and renewable energy storage. This type of battery has extremely large storage capacities (Megawatt scale) and is in a ready state for long periods due to its slow rate of self-discharge. These batteries are modular, scalable, long lasting (20-30 years), contained, non-combustible, stationary, very safe and require very little maintenance. Accelerated research and development is targeting a rapidly growing VRFB market estimated to increase by 3,100% in the next decade. These batteries require very pure (i.e. >98%) flake vanadium pentoxide ("V_2O_5").

Sharp price gains starting in July 2016 for FV and V_2O_5 are attributable to tight supply and strong demand brought on by events in the steel industry and expanding VRFB use in the clean energy sector (Figure 8). Vanadium was the best price performing battery metal in 2017 and 2018. Ferrovanadium prices peaked in October 2018 at US$128.30 per kilogram for FV 80% and vanadium pentoxide prices in November 2018 at US$28.80 per pound for V_2O_5 Flake 98%. Prices have since returned to slightly above traditional levels at US$38.30 per kilogram for FV 80% and US$8.60 per pound for V_2O_5 Flake 98% (Vanadium Price, n.d.).

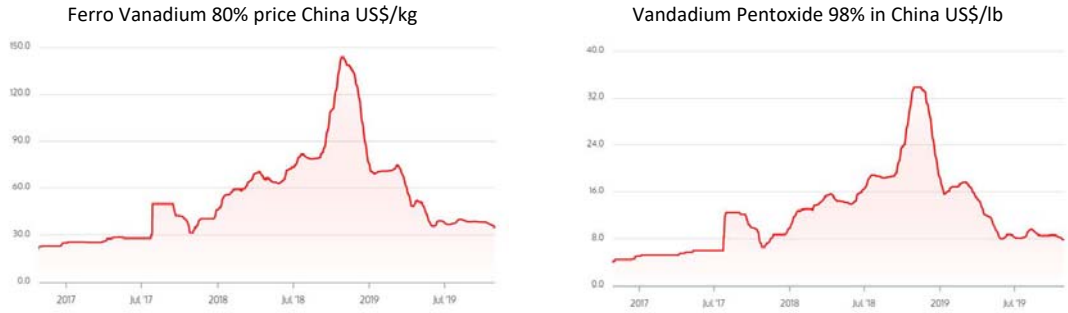

Figure 8: September 2016 to September 2019 vanadium prices (Vanadium Price, n.d.)

Vanadium-rich titanium magnetite (VTM-type) deposits are currently the largest and most important vanadium producers. Such deposits consist of vanadium-rich sequences of iron or iron-titanium oxides found in large layered magmatic intrusions. Typical grades range from 0.2 to 1.2% V_2O_5. However, these are complex deposits with the vanadium tightly enclosed within ilmenite or magnetite. Not only is metal tenor important, but oxide mineralogy, grain size and intergrowth texture are all critical factors for efficient production of V_2O_5 concentrate. Deposits of this type are presently mined in Brazil, China, Russia, Scandinavia and South Africa, and large deposits are currently being developed in Eastern Canada and Western Australia (Figure 9).

Sandstone vanadium-type (SSV-type) or Uravan deposits, where uranium, vanadium and other metals were dissolved, transported and deposited near-surface by the circulation of meteoric waters, are a small but important source of vanadium as a by-product of uranium mining on the Colorado Plateau in the American Southwest. Typical grades range from 0.2 to 1.7% V_2O_5.

Vanadium-rich black shale-type (BSV-type) are found mainly in late Proterozoic and Phanerozoic marine basins that were deposited in epeiric (inland) seas and on continental margins. Grades in BSV-type deposits typically exceed 0.2% V_2O_5 but can be as high as 1.8% V_2O_5. These deposits are marked by large areal extent, steady grade, consistent geometry and simple mineralogy, all which favour low-cost mining and processing methods. However, most BSV beds are typically only a few

meters thick and cannot be exploited economically. Limited mining of this deposit type is currently underway in China and Sweden. Several large BSV-type deposits are currently being developed in Nevada, and dormant deposits are known in China and Madagascar. Related to BSV-type deposits, significant amounts of vanadium are recovered as by-product of coal, oil sand, and oil shale processing, and petroleum refining.

The geology, mineralization and vanadium grades observed to date on the Property suggest that it is an excellent candidate for exploration of BSV-type deposits.

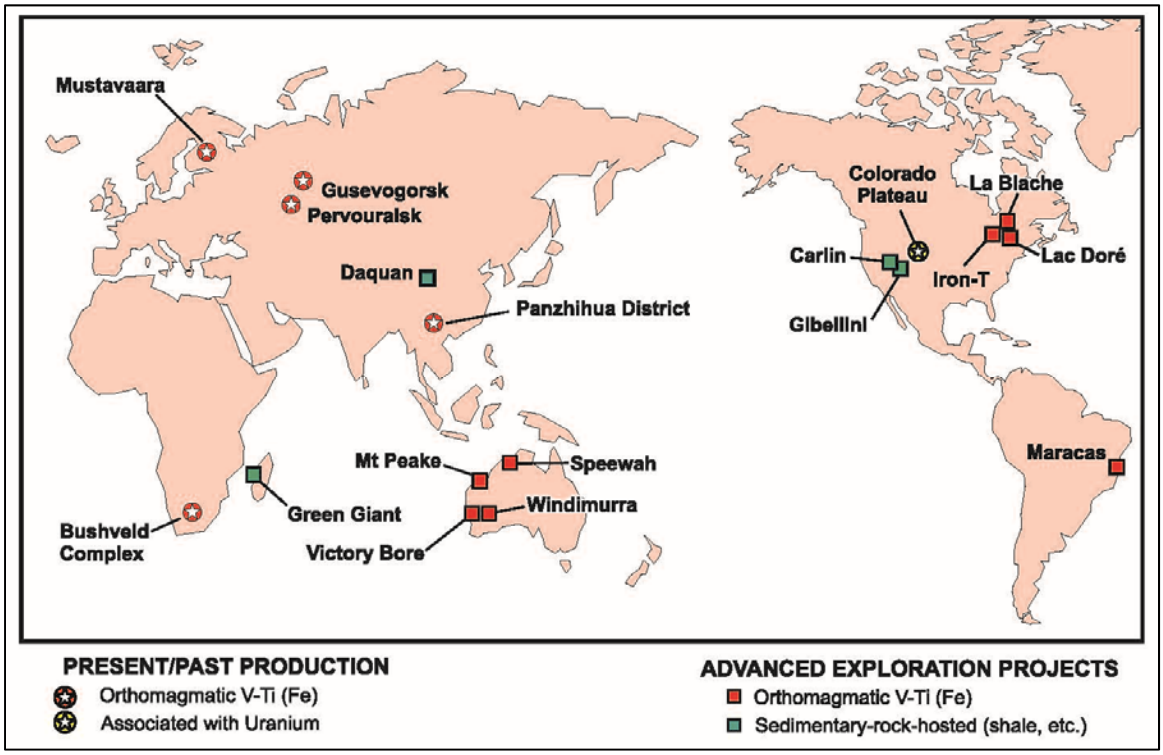

Figure 9: Vanadium mining and advanced exploration projects (after Kerr et al., 2013)

2018 and 2019 Exploration

Introduction

Exploration was completed in two phases. The first phase, completed in December 2018, consisted of re-logging and sampling of un-sampled core intervals of two previous drill holes made available by the Yukon Core Library. The second phase consisted of a six-day property visit completed in September 2019. Initially it was the Authors' intention to verify the previously reported rock and soil values by prospecting and sampling as the second phase. Boxes containing core from several previous drill holes were located on the first day of field work. It was determined that one of the drill holes was in good enough condition to be re-logged and sampled.

December 2018

The available sections of previous drill holes DV07-05 and -06 (FX07-02 and FX07-03 in Dumala, 2007a) were re-logged and un-sampled core intervals were sampled with the permission of the Yukon Core Library in December 2018. All work was done at the core library. The re-logging and

sample plan were completed by Danielle Héon, P.Geo. from December 12 to 13 (Appendix A). The core was split and sampled by technician Ted MacDonald. A total of 251 samples including standards, blanks and duplicates were submitted for analysis.

September 2019

This phase of exploration was funded in part by a YMEP grant. The Company is grateful for this financial support. The work, including travel from Whitehorse to the Property and back, was done by the Authors over a six-day period from September 9 to 14. Two additional days of travel to and from Yukon were incurred by the Authors. The time and expenses associated with this travel outside Yukon were not included as assessment work. The field work was done from a tent camp set up in a gravel pit beside the Dempster Highway. The first day of field work consisted of general reconnaissance and prospecting. Piled boxes containing core from DV07-01, -02 and -03 were found at UTM 441659mE, 7415018mN, WGS84 Zone 8 (Figure 10).

The Authors laid out core boxes and determined that DV07-01 (SN07-01 in Dumala, 2007b) was the most complete drill hole (Figure 11). This hole was photographed, logged and sampled (Appendix A). Whole core samples were taken because no core-splitting equipment was available. The samples were packed out approximately 900m to a borrow pit east of the Dempster Highway. A total of 108 samples including standards, blanks and duplicates were submitted for analysis for hole DV07-01.

Figure 10: Core UTM 441659mE, 7415018mN, WGS84 Zone 8

Figure 11: Hole DV07-01 core laid out on site

Sampling Preparation, Analysis and Security

The sampling done in 2007 was focused on the NiMo horizon with only 52 samples taken over a cumulative core length of 37.10 metres. The 2018/2019 sampling in contrast sampled all available core for each hole with 326 samples taken over a cumulative core length of 328.59 metres. The 2018/2019 sampling was generally done on 1.0m intervals but was adjusted to smaller or larger intervals to match with the 2007 sampling intervals.

Table 3: Sampled core intervals 2007 versus 2018/2019

AF No.	Hole No.	2007				2018 and 2019		
		Hole Depth m	From m	To m	Sampled #/m	From m	To m	Sampled #/metres
SN07-01	DV07-01	121.92	62.63	66.30	7/3.67	14.10	46.60	33/32.50
			95.96	97.73	4/1.77	52.30	62.63	11/9.93
						66.30	95.96	30/29.66
						97.73	99.70	3/1.97
						102.80	121.92	20/19.12
SN07-02	DV07-02	48.77	32.18	37.50	7/5.32			
SN07-03	DV07-03	124.97	77.73	90.15	15/12.42			
FX07-02	DV07-05	106.70	66.30	70.50	5/4.20	6.10	106.70	96/100.60
FX07-03	DV07-06	210.3	79.79	81.04	3/1.25	12.34	141.20	127/128.86
			114.56	118.84	5/4.28	181.75	187.70	6/5.95
FX07-04	DV07-07	76.2	33.52	37.71	6/4.19			
Total					**52/37.10**			**326/328.59**

In December 2018, the core was split at the Yukon core library with a diamond blade core saw. Half the split was placed in plastic bags with the appropriate sample numbers marked in indelible ink. The other half was returned to the core box. No splitting equipment was available for the September 2019 sampling so whole core was placed in plastic bags with the appropriate sample numbers marked in indelible ink. Sample bags were sealed in rice bags with security tags and delivered in person by Ms. Héon (2018 samples) and the Authors (2019 samples) to Bureau Veritas Commodities Canada Ltd. ("BV") facility in Whitehorse, Yukon. Standards, blanks and duplicates were submitted with the core samples for QAQC. BV maintains its own internal QAQC procedures.

The samples were dried and crushed to ≥70% < 2mm., and a 250g split was pulverized to ≥85% < 75µm (BV Code PRP70-250). The pulverizer was washed between samples with silica (BV Code PULSW) to prevent cross contamination between samples. The sample pulps were then sent to BV's Vancouver facility where they were analyzed for 35 elements by 0.25g multi-acid digestion, ICP-ES finish (BV Code MA300). All BV facilities are accredited under BV's ISO 9001:2015 registration. Pulps were returned to the BV's Whitehorse facility. The pulps and rejects were subsequently picked up by Yukon Geology Survey staff and returned to the Yukon Core Library.

Data Verification

One standard, one duplicate and one blank were inserted into each batch of 32 samples. The standard OREAS 520 was prepared from felsic volcanic breccia (Ore Research and Exploration, n.d.). Certified values for vanadium, zinc and silver are listed in Table 4.

Table 4: OREAS 520 standard V, Zn and Ag values (4-Acid Digestion)

Element	Certified Value[1]	95% Confidence Low[1]	95% Confidence High[1]
V ppm	257	251	262
Zn ppm	22.7	21.7	23.7
Ag ppm	0.45	0.429	0.471

1. Ore Research and Exploration, n.d.

The vanadium standards generally repeated very well with most results within ±5% of the certified value. One standard failed at -10%. The zinc standards repeated very well with results consistently within ±10% of the certified value. No failures were detected. The silver standards varied from 10 to 50% above the certified value and consistently did not repeat the certified value. This may be due to the low concentration of silver in the standard. For future analytical work a standard with a higher silver value should be used. Duplicate samples all matched very well. Blanks returned low values for each element as expected.

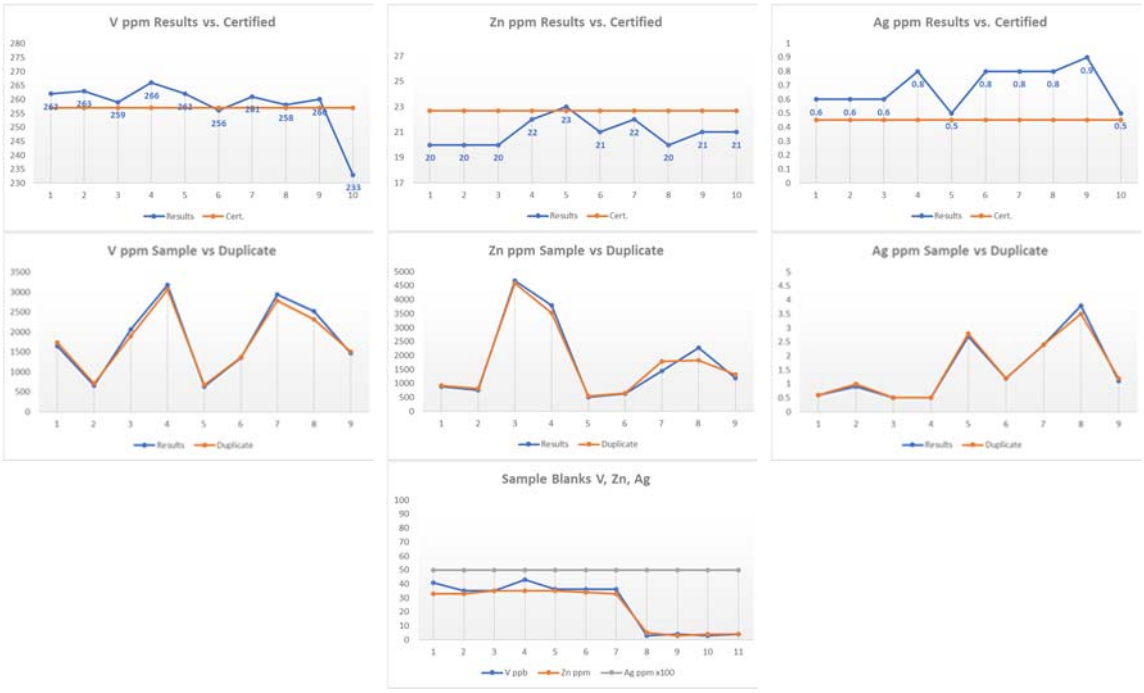

Figure 12: QAQC charts V, Zn and Ag

Analytical Results

Analytical certificates are included as Appendix B. Vanadium values range from 178 to 3062ppm V with an average of 1719ppm V from a total of 326 samples. These values are well above the average vanadium concentrations of 130ppm V in shales and 205ppm V in black shales (Kelley et al., 2017) confirming that the shales underlying the Property are highly enriched in vanadium. Zinc values are also elevated ranging from 16 to 4593ppm Zn with an average of 1732ppm Zn. Although 77 silver results were below the lower detection limit (i.e. <0.5ppm), the silver values are also elevated up to a maximum of 5.5ppm Ag with an average of 1.8ppm Ag. Zinc and silver show positive correlation to vanadium (Figure 13).

Table 5: Analytical statistics for selected elements

Count 326	Kg	V ppm	Zn ppm	Ag ppm	Mo ppm	Ni ppm	Ba ppm	Ca %	Fe %	S %	P %
Min	0.18	178	16	<0.5	2	20	10	0.14	0.38	<0.10	<0.01
Max	4.35	3062	4593	5.5	115	603	>10000	20.86	4.31	5.70	0.82
Avg	1.64	1719	1732	1.8	55	205	289	3.88	1.23	1.38	0.10

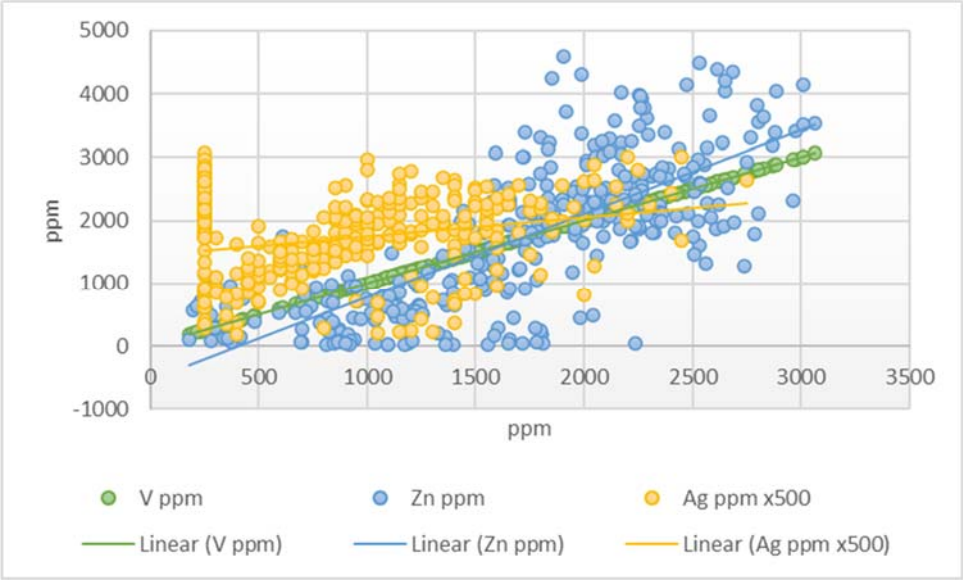

Figure 13: Correlation chart Zn and Ag versus V

Nickel and molybdenum values are very low averaging 205ppm and 55ppm respectively. This is surprising because the RCTZ was intersected in holes DV07-01 and DV07-06. The NiMo horizon is very narrow and may have been missed due to core loss. Barite values, although sometimes very high (e.g. >1.0% Ba) over narrow intervals, show no correlation to vanadium, zinc or silver. Calcium values range from less than 1.0% up to 20.7% Ca whereas magnesium values range from 0.8% up to a maximum of 8.9% Mg. Both show a negative correlation with vanadium (Figure 14) suggesting that less calcareous shales (i.e. Canol Formation) are more favourable for vanadium mineralization. Iron values range from less than 0.5% up to 4.3% Fe whereas sulphur values range from below the lower detection limit (i.e. <0.1%) up to a maximum of 5.7% Fe. Both these elements show a negative correlation with vanadium (Figure 14) suggesting that the vanadium is not associated with sulphide minerals such as pyrite.

Weight Averages

Weight average intersections were calculated for all three holes sampled (Table 6). Holes DV07-05 and -06 had continuous 2018/2019 results to calculate the weight averages for these holes. Two intervals were missing in hole DV07-01 because core boxes had been tipped over and it was not possible to reliably put the core back together. Extrapolated values based on the mean of the values immediately above and below the missing intervals were used in the calculations. Hole DV07-01 was also missing core for the 2007 sampled intervals. The 2007 results were therefore included in the calculation. The weight averages used oxide conversion factors of 1.785 for ppm V to $\%V_2O_5$, 1.399 for %Ca to %CaO and 1.658 for %Mg to %MgO (Bureau Veritas, 2019).

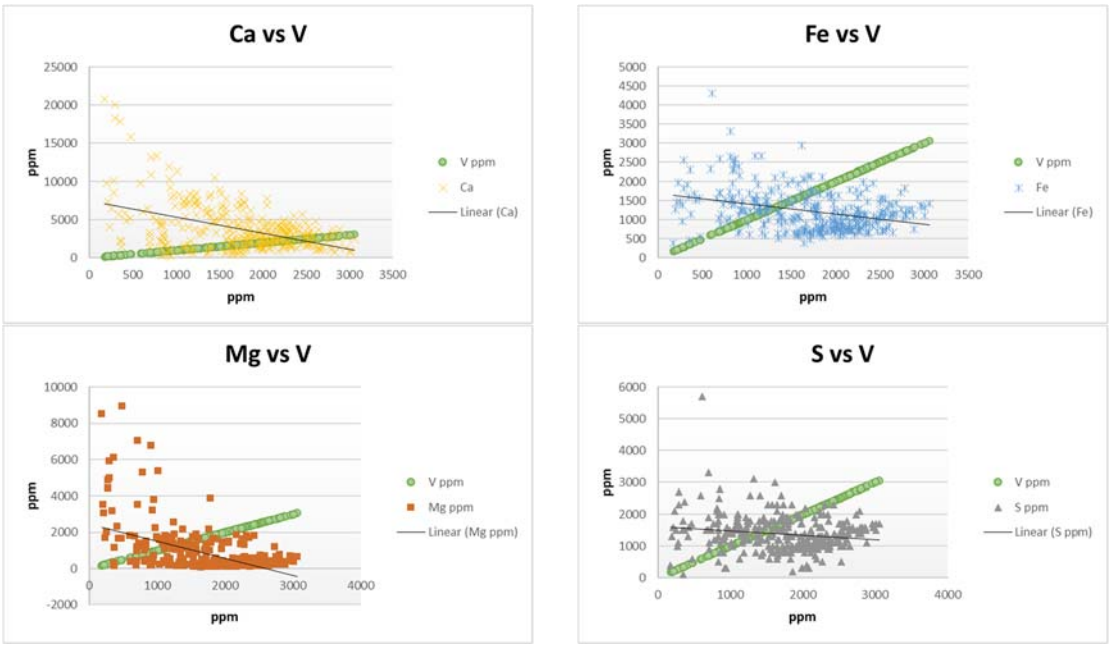

Figure 14: Correlation charts Ca, Fe, Mg, S versus V

Table 6: Weight averages for selected elements

Old No.	Hole No.	Unit	From m	To m	Int. m	% V_2O_5[1]	% V_2O_5[1] Min	% V_2O_5[1] Max	% Zn	ppm Ag	% CaO[1]	% MgO[1]
SN07-01	**DV07-01**	All	14.10	121.92	107.82	0.33	0.03	0.54	0.18	2.3	7.10	1.93
	Incl.	Canol	14.10	90.00	75.90	0.39	0.03	0.54	0.22	2.8	5.44	1.31
	Incl.	RCTZ	90.00	97.73	7.73	0.09	0.04	0.26	0.09	2.1	9.42	3.81
	Incl.	Road River	97.73	121.92	24.19	0.22	0.06	0.50	0.08	1.1	11.59	3.28
FX07-02	**DV07-05**	All	6.10	106.70	100.60	0.25	0.05	0.47	0.12	1.6	3.88	0.99
	Incl.	Imperial	6.10	68.50	62.40	0.21	0.05	0.40	0.03	1.1	3.08	0.81
	Incl.	Canol	68.50	106.70	38.20	0.32	0.09	0.47	0.26	2.4	5.19	1.28
FX07-02	**DV07-06**	All	12.34	141.20	128.86	0.34	0.04	0.55	0.22	1.6	4.90	1.08
	Incl.	Canol	12.34	102.50	90.16	0.39%	0.17	0.55	0.27	1.3	3.62	0.49
	Incl.	RCTZ	102.50	108.70	6.20	0.14%	0.12	0.17	0.07	3.1	7.03	2.09
	Incl.	Road River	108.70	141.20	32.50	0.23%	0.04	0.35	0.11	2.1	8.05	2.53

1. Conversion factors: 1.785 for ppm V to %V_2O_5, 1.399 for %Ca to %CaO, 1.658 for %Mg to %MgO (Bureau Veritas, 2019).

Interpretation and Conclusions

Stratigraphy

The relative stratigraphic position of the three holes was determined using strip logs of the vanadium, zinc, CaO and MgO geochemical values (Figure 15). In holes DV07-01 and -06, the Road River Group shows CaO and MgO values two to three times higher than the Canol Formation indicating that it contains more carbonate minerals. It also shows V_2O_5 two times less than the Canol and zinc values three to four times less. In DV07-01 and -06, the upper contact of Road River is marked by a sharp drop in vanadium and zinc over several metres and a spike in CaO and MgO. This is consistent with the RCTZ sections mapped at Trail River (Fraser and Hutchison, 2017).

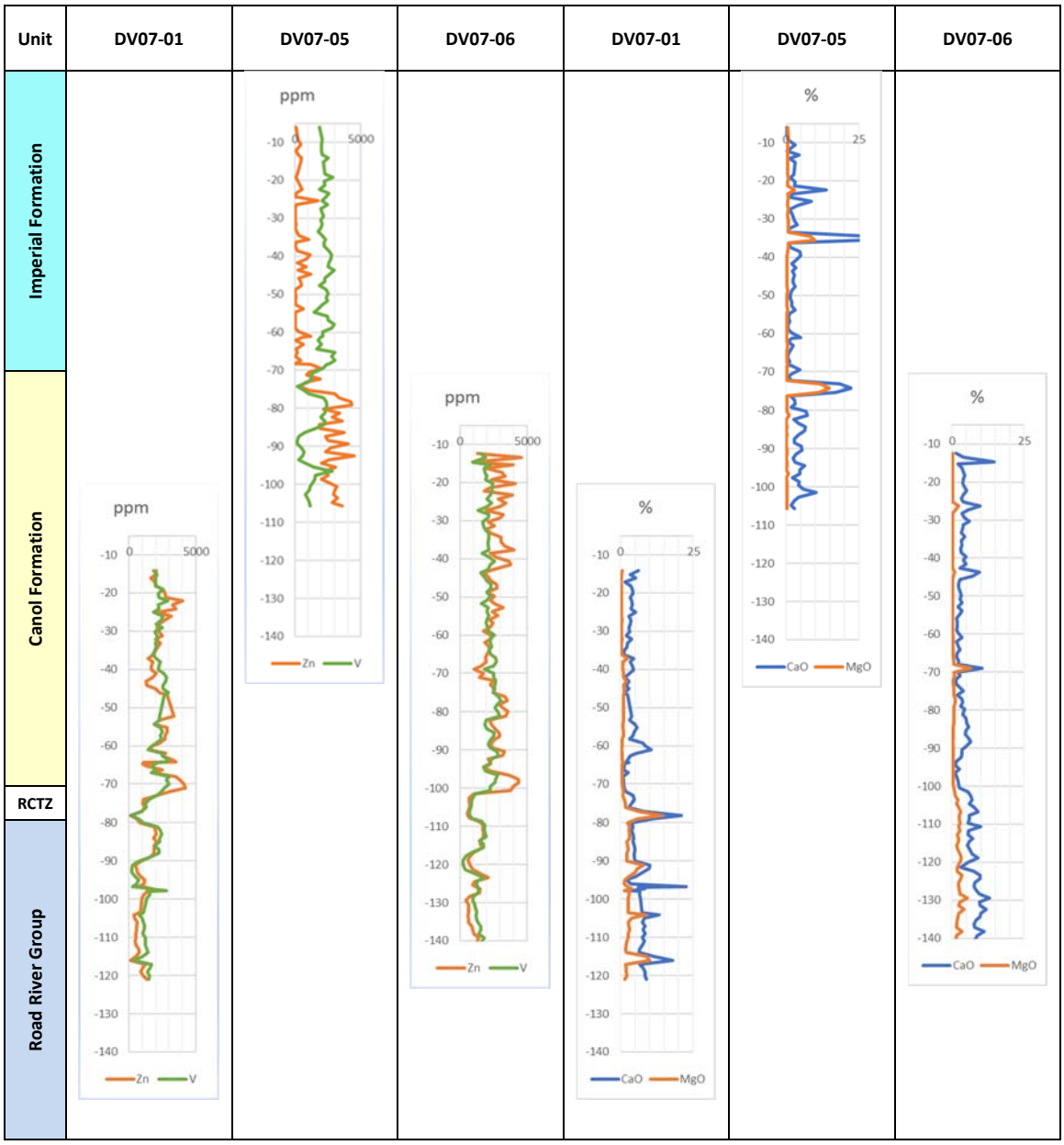

Figure 15: Relative stratigraphic position of holes DV07-01, -05 and 06

Relatively high phosphorus values were obtained from the RCTZ in holes DV07-01 and -06. Hulbert et al. (1993) noted that this is characteristic of the RCTZ horizon. Kelley (2017) observed a close incidence of vanadium to black shale-hosted phosphate deposits.

Although the core samples were not analysed for silica, the Canol Formation is inferred to be more siliceous than Road River based on its relatively lower CaO and MgO values. Zinc values become very erratic towards the upper contact of the Canol. In hole DV-05, the base of the Imperial Formation is marked by a sharp decrease in zinc and a spike in CaO and MgO. The Imperial shows zinc values distinctively 10 times less than the Canol and shows V_2O_5 values two times less. Hole DV07-06 did not intersect the Canol-Imperial contact. The erratic zinc pattern at the top of the hole is like the zinc signature at the bottom of hole DV07-05 indicating that DV07-06 was collared

very close to the Canol-Imperial contact. The CaO and MgO content of the Imperial is comparable to the Canol suggesting that it too is more siliceous relative to the Road River.

Fraser and Hutchison (2017) plotted several other elemental concentrations and proxy indices to characterize the Road River/Canol section at Trail River approximately 75 km south of the Property. These include total organic carbon ("TOC"), metal enrichment factors, major oxides, terrestrial input profiles etc. The Canol's stronger TOC signature indicates that it is more carbonaceous than Road River. Organic carbon in anoxic environments plays a critical role in metal enrichment processes in shales (Fraser et al., 2018). The higher carbonaceous nature of Canol may explain why it contains more vanadium and zinc than the underlying Road River and overlying Imperial.

DV07-01 was previously logged entirely as Road River by Dumala (2007b) but in fact it intersected both Road River and Canol. Hole DV07-05 was previously logged as Road River and Canol by Dumala (2007a) but in fact intersected Canol and Imperial.

Vanadium Mineralization

The 2018/2019 re-logging and core sampling confirmed that the shales underlying the Property contain significant vanadium over broad stratigraphic intervals. The Canol Formation showed the best vanadium values including 0.39% V_2O_5 over 75.9m from 14.1m in hole DV07-01, 0.32% V_2O_5 over 38.2m from 68.5m in hole DV07-05 and 0.39% V_2O_5 over 90.16 from 12.34m in hole DV07-06 (Table 6). These V_2O_5 intersections are analogous to grades and thicknesses for similar BSV-type deposits currently being explored in Nye, Eureka and Humboldt counties, Nevada and the Cantung area of the Northwest Territories (Table 7).

Table 7: Comparison to typical drill intersection, BSV-type deposits

Region	Company	Project	Hole No.	From m	Int. m	Wt. Avg. V_2O_5%	Reference
NE Yukon	DVY196	Dempster	DV07-01	12.34	90.16	0.39	This Report
Nevada	First Vanadium	Carlin	RCC18-46	0.00	73.15	0.60	First Vanadium, 2019
Nevada	Prophecy	Gibellini	GIVC-5	2.13	23.17	0.32	Orbock, 2017
Nevada	Cell-Cube	Bisoni-McKay	BMK 05-02	7.01	98.15	0.53	Ullmer, 2016
Nevada	Victory	Iron Point	VM-26i	5.00	37.00	0.55	Victory, 2019
Northwest Territories	Vanadium North	Val	na	na	52.50	0.42	Regency, 2019

The Imperial and Road River also show highly anomalous vanadium values over wide sections. Typically, these sections average about 0.20% V_2O_5 or two times less that the Canol. The Canol provides the best target for vanadium exploration based on its higher grade and thicker sections.

Ms. Héon noted that it is sometimes difficult to visually distinguish the Canol in drill core. It is more siliceous and carbonaceous than Road River whereas Road River is more calcareous. Visually the Canol appears blacker and shows less reaction to hydrochloric acid. Relatively stronger zinc values distinguish the Canol from the Imperial, and its upper contact is marked by an erratic zinc signature. The lower contact of the Canol can be identified by the distinctive RCTZ indicated visually by a base layer of limestone and/or dolostone concretions, overlain by calcareous, nodular mudstone and capped by the organic, non-calcareous, metal-bearing NiMo

horizon. Geochemically it is marked by a sharp drop in vanadium and zinc and phosphate enrichment over several metres, and a spike in CaO and MgO.

Recommendations

Further exploration is recommended on the Property based on the strong vanadium results values obtained over considerable drilled intervals of the Canol Formation from the 2018/2019 core sampling of 2007 drill holes DV07-01, -05 and -06. Further exploration is recommended in two Phases as outlined in Table 8.

To delineate vanadium potential of the Canol Formation on surface, it is recommended that geological mapping, prospecting and soil and rock geochemical surveys be done over the entire length of the Property as Phase 1 (Figure 15). The goal of this Phase 1 of work will be to evaluate and refine the best possible targets for the initial round of drilling in Phase 2. Initially, Phase 1 could be minimized to the area southeast of the Dempster Highway in the southern part of the Property. This reduces the total number of soil samples from 4,300 to 1,500. Phase 2 is not contingent upon Phase 1. Drilling could forgo the surface work and begin immediately as the first phase. The area around hole DV07-01 is very accessible and drilling could be done in this area with minimum impact on the surface terrain. The Authors advise that at least the minimum (1500 soils) surface program over the southern part of the Property be undertaken prior to drilling. Table 8 provides a cost estimate for the recommended work program.

Table 8: Cost estimate

	No.		Rate		Cost	Total
Phase 1 Minimum (1500 soils)						
Geology, prospecting sampling (all-in)	20	mandays @	$1,000	per day	$20,000	
Rock samples	100	samples @	$35	per sample	$3,500	
Soil geochemistry (all-in)	1500	samples @	$60	per sample	$90,000	
Geological/Geochemical report	1	report @	$5,000	per report	$5,000	
Flights to Yukon	2	flights @	$1,500	per flight	$3,000	
Subtotal					$121,500	
Contingency 15%					$18,225	
Total Phase 1 Minimum						**$139,725**
Phase 1 Maximum (4300 soils)						
Geology, prospecting sampling (all-in)	40	mandays @	$1,000	per day	$40,000	
Rock samples	200	samples @	$35	per sample	$7,000	
Soil geochemistry (all-in)	4300	samples @	$60	per sample	$258,000	
Geological/Geochemical report	1	report @	$5,000	per report	$5,000	
Flights to Yukon	2	flights @	$1,500	per flight	$3,000	
Subtotal					$313,000	
Contingency 15%					$46,950	
Total Phase 1 Maximum						**$359,950**
Drilling						
All-in Costs	1500	m	$400	per m	$600,000	
Contingency 15%					$90,000	
Total Phase 2						**$690,000**

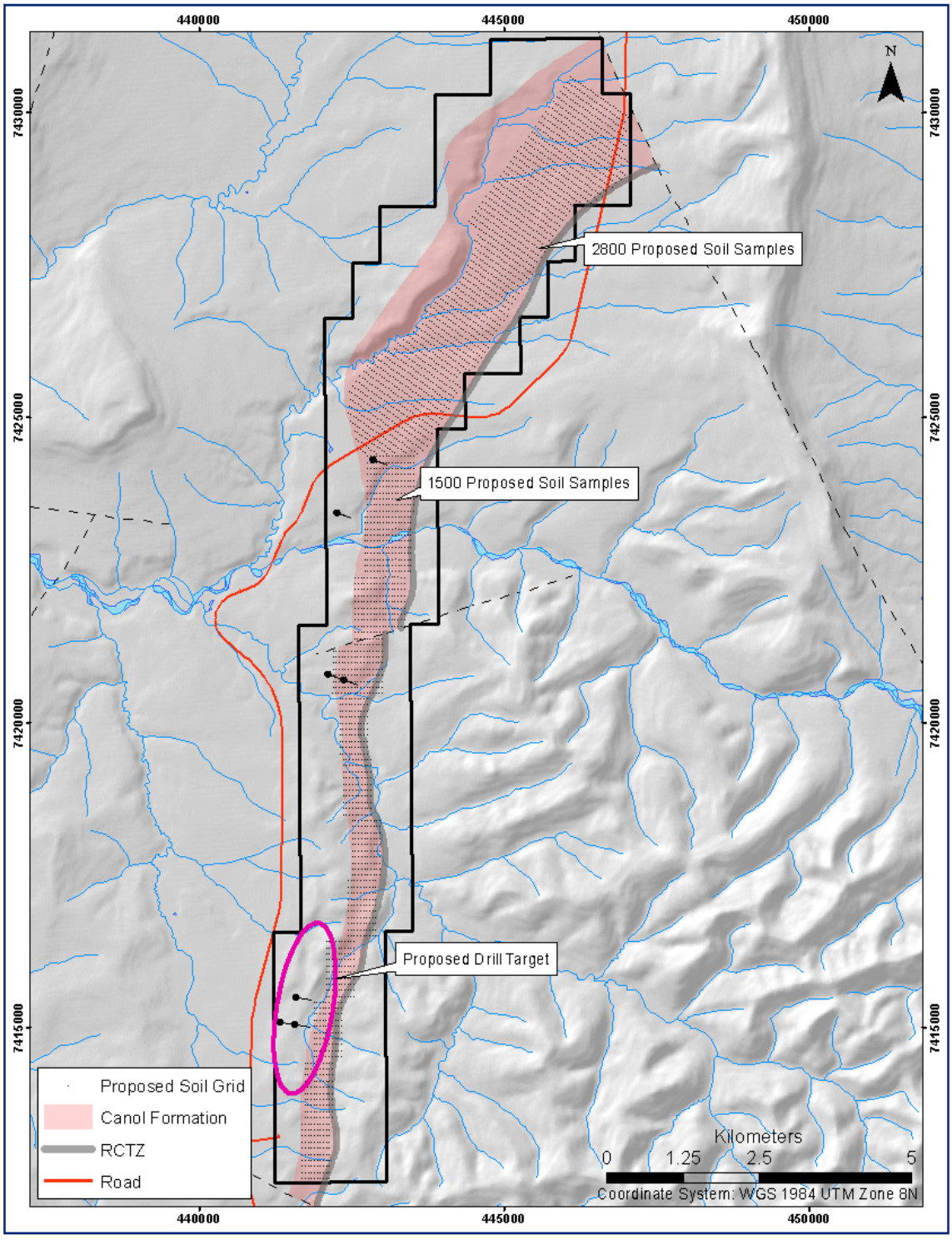

Figure 16: Proposed Work 2020

In addition to the work program recommended above, the following academic study is recommended. Fraser and Hutchison (2017) demonstrated that the Road River/Canol section can be more clearly defined by plotting several elemental concentrations and proxy indices. The 2018/2019 work described in this Report did not include analyses for major oxides or carbon. To provide these key indicators it is recommended that the 2018/2019 pulps be re-analysed as follows:

a) whole-rock major oxides geochemistry;
b) stable organic carbon isotopes normalized to the Vienna Peedee Belemnite (V-PDB); and
c) Total Organic Carbon.

The cost of this work has not been estimated. Participation in this type of study may be of interest to the Yukon Geology Survey or academic researchers. The Authors recommend that academic participation be solicited in a study based on the methodology in Fraser and Hutchison (2017).

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Appendix A: Drill logs

DDH: DV07-01

Driller:	n/a	Comments:	Re-log of SN07-01 Ref: AR 094871 (Dumala, 2007b)	NTS:	116 I/16
Geologist:	M.Fekete			Mineral title:	YF 75803
Sampler:	M.Fekete			Start date:	n/a
Log date:	2019-09-12			Finish date:	n/a

Section:	n/a				
Level:	n/a				
Logged at:	Collar				
Stored at:	Collar				

COLLAR

Azimuth°:	100		UTM Zone8_WGS84	Local
Dip°:	-83	East m:	441659	n/a
Length:	121.92	North m:	7415018	n/a
Core Size:	NQ	Elevation m:	643	643

DOWN HOLE SURVEY

Type	Depth	Azimuth°	Dip°	Valid
Compass	0.00	100	-83	Yes

SUMMARY LOG

Unit	From m	To m	Int. m
Casing	0.00	14.10	14.10
Canol	14.10	90.00	75.90
RCTZ	90.00	97.73	7.73
Road River	97.73	121.92	24.19

INTERSECTIONS

	From m	To m	Int. m	V2O5%	Zn%	Ag ppm	CaO%	MgO %
All	14.10	121.92	107.82	0.33	0.18	2.3	7.1	1.93
Canol	14.10	90.00	75.90	0.39	0.22	2.8	5.44	1.31
RCTZ	90.00	97.73	7.73	0.09	0.09	2.1	9.42	3.81
Road River	97.73	121.92	24.19	0.22	0.08	1.1	11.59	3.28

Description					Samples									
From	To	Unit	Lithology		No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
0.00	14.10	Casing	OVB											
14.10	90.00	Canol	Shale	Generally dark grey to black, siliceous, relatively hard shale. CBA @ 80-90°. Very thinly bedded. Parts well on bedding but bedding is not obvious except in more calcareous sections where colour banding shows bedding very well	1478752		14.10	15.10	1.00	0.33	2064	2.0	8.67	0.53
30.10	37.10			_Very brittle, broken core	1478753		15.10	16.10	1.00	0.37	1994	1.9	4.60	0.27
46.60	52.30			_Missing core - box tipped.	1478754		16.10	17.10	1.00	0.36	1647	2.0	7.29	0.32
58.30	62.00			_Pale grey with numerous 2-5cm dull white carbonate bands; some bright white calcite in hairline fractures.	1478755		17.10	18.10	1.00	0.36	1929	1.8	2.14	0.22
62.63	66.30			_Missing core - previous sampling.	1478756		18.10	19.10	1.00	0.37	1999	1.7	5.08	0.45
69.00	77.00			_Dark grey matrix with iridescent blue nodules **Photo DV07-01a.**	1478758		19.10	20.10	1.00	0.45	2574	3.1	5.74	0.35
77.00	80.00			_Pale grey with numerous 2-5cm dull white carbonate bands; some bright white calcite in hairline fractures.	1478759		20.10	21.10	1.00	0.39	2708	3.2	6.02	0.33
91.00	94.00			_Pale grey with numerous 2-5cm dull white carbonate bands; numerous 2-3cm fractures with bright white calcite crystals on fracture planes.	1478760		21.10	22.10	1.00	0.41	2742	3.6	4.53	0.38
94.50	95.96			_Very broken.	1478761		22.10	23.10	1.00	0.52	4041	4.1	5.29	0.33
					1478762		23.10	24.10	1.00	0.40	3248	3.9	5.50	0.25
					1478763		24.10	25.10	1.00	0.40	3489	3.3	4.98	0.27
					1478764		25.10	26.10	1.00	0.33	2194	2.5	7.16	0.30
					1478766		26.10	27.10	1.00	0.46	3143	2.8	4.04	0.32
					1478767		27.10	28.10	1.00	0.43	2664	2.8	5.15	0.48
					1478768		28.10	29.10	1.00	0.37	2225	2.7	4.73	0.35
					1478769		29.10	30.10	1.00	0.44	2108	3.0	4.10	0.45
					1478770		30.10	31.10	1.00	0.35	2220	2.6	4.28	0.43
					1478771		31.10	32.10	1.00	0.37	2485	2.9	2.88	0.41
					1478772		32.10	33.10	1.00	0.39	1998	1.8	5.18	0.55
					1478773		33.10	34.10	1.00	0.35	2339	2.0	3.37	0.40
					1478774		34.10	35.10	1.00	0.37	2159	1.9	2.95	0.45
					1478775		35.10	36.10	1.00	0.35	1979	2.0	1.69	0.35
					1478776		36.10	37.10	1.00	0.32	1827	2.0	1.43	0.33
					1478777		37.10	38.10	1.00	0.37	1442	1.6	6.44	2.50
					1478778		38.10	39.10	1.00	0.41	1806	2.8	4.74	0.76
					1478779		39.10	40.10	1.00	0.40	1690	1.7	5.64	0.85
					1478780		40.10	41.10	1.00	0.40	1676	1.8	6.45	0.86
					1478781		41.10	42.10	1.00	0.46	2060	2.3	4.34	1.14
					1478782		42.10	43.10	1.00	0.50	1793	2.4	2.15	1.09
					1478784		43.10	44.10	1.00	0.49	1290	2.3	4.03	1.99
					1478785		44.10	45.10	1.00	0.46	1327	1.8	2.87	1.13
					1478786		45.10	46.10	1.00	0.45	2001	1.7	3.99	1.21
					1478787		46.10	46.60	0.50	0.53	2316	2.0	1.83	1.16
						Missing Core - mean above/below	46.60	52.30	5.70	0.47	2836	2.1	3.54	1.12
					1478788		52.30	53.30	1.00	0.41	3356	2.1	5.25	1.08
					1478789		53.30	54.30	1.00	0.41	2227	2.2	4.45	0.99
					1478790		54.30	55.30	1.00	0.33	1933	2.3	7.05	0.91
					1478791		55.30	56.30	1.00	0.42	2854	2.3	7.82	0.78
					1478792		56.30	57.30	1.00	0.45	2850	2.3	6.49	0.93
					1478794		57.30	58.30	1.00	0.42	2703	2.2	6.10	0.95
					1478795		58.30	59.30	1.00	0.44	2697	2.5	4.50	0.63
					1478796		59.30	60.00	0.70	0.37	2290	2.0	10.81	0.46
					1478797		60.00	61.00	1.00	0.31	1801	2.3	11.72	0.46
					1478798		61.00	62.00	1.00	0.26	1557	2.0	14.73	0.38
					1478799		62.00	62.63	0.63	0.44	2745	2.6	8.07	0.48
					87001	Previous 2007	62.63	63.63	1.00	0.45	2520	2.8	4.83	0.55
					87002	Previous 2007	63.63	64.13	0.50	0.53	3270	3.5	3.27	0.63
					87003	Previous 2007	64.13	64.43	0.30	0.50	3490	2.9	2.90	0.73

Description					Samples									
From	To	Unit	Lithology		No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
					87004	Previous 2007	64.43	64.50	0.07	0.38	1090	13.2	4.13	0.71
					87005	Previous 2007	64.50	64.80	0.30	0.37	1615	2.1	2.35	1.03
					87006	Previous 2007	64.80	65.30	0.50	0.35	1030	3.2	1.39	0.68
					87007	Previous 2007	65.30	66.30	1.00	0.31	1295	3.6	1.90	0.56
					1478800		66.30	67.00	0.70	0.36	2499	4.4	1.57	0.56
					1478802		67.00	68.00	1.00	0.30	1705	4.9	3.65	0.68
					1478803		68.00	69.00	1.00	0.54	3509	4.9	1.09	0.65
					1478804		69.00	70.00	1.00	0.50	3818	4.5	1.52	0.56
					1478805		70.00	71.00	1.00	0.54	4147	4.4	1.48	0.66
					1478806		71.00	72.00	1.00	0.47	4212	5.5	1.82	0.70
					1478807		72.00	73.00	1.00	0.44	3125	4.8	2.46	0.95
					1478808		73.00	74.00	1.00	0.38	2072	4.4	6.02	0.91
					1478809		74.00	75.00	1.00	0.26	1102	3.5	6.48	1.28
					1478810		75.00	76.00	1.00	0.22	1009	3.2	5.32	1.77
					1478811		76.00	77.00	1.00	0.23	1186	4.1	4.14	1.72
					1478812		77.00	78.00	1.00	0.17	955	2.5	11.11	6.30
					1478813		78.00	79.00	1.00	0.03	105	0.8	29.18	14.14
					1478814		79.00	80.00	1.00	0.13	553	1.9	15.25	5.85
					1478815		80.00	81.00	1.00	0.19	801	2.9	5.41	2.42
					1478817		81.00	82.00	1.00	0.39	1870	3.1	5.82	3.05
					1478818		82.00	83.00	1.00	0.42	1985	3.2	5.40	2.82
					1478819		83.00	84.00	1.00	0.43	2063	3.3	6.06	3.03
					1478820		84.00	85.00	1.00	0.41	1817	3.5	6.45	3.03
					1478822		85.00	86.00	1.00	0.41	2094	3.0	5.82	2.19
					1478823		86.00	87.00	1.00	0.35	1871	3.1	6.55	2.45
					1478824		87.00	88.00	1.00	0.40	1902	3.1	6.94	2.69
					1478825		88.00	89.00	1.00	0.40	1912	3.0	6.67	2.25
					1478826		89.00	90.00	1.00	0.28	1570	3.2	6.56	2.16
90.00	97.73	RCTZ	Shale	Very dark, calcareous shale with numerous pale grey to dull white, oval, calcareous concretions typically 2-5cm long **Photo DV07-01b**.	1478827		90.00	91.00	1.00	0.14	941	2.6	6.91	2.07
94.50	95.56			_Very broken.	1478828		91.00	92.00	1.00	0.05	489	1.6	14.19	8.04
95.60	97.73			_Missing core - previous sampling.	1478830		92.00	93.00	1.00	0.04	573	2.1	13.67	5.84
					1478831		93.00	94.00	1.00	0.04	623	2.3	10.38	5.06
					1478832		94.00	95.00	1.00	0.08	887	2.1	7.23	2.77
					1478833		95.00	95.96	0.96	0.12	1204	2.1	2.81	1.56
					87009	Previous 2007	95.96	96.76	0.80	0.10	1145	2.2	4.87	1.34
					87010	Previous 2007	96.76	96.93	0.17	0.05	661	0.6	31.48	2.35
					87011	Previous 2007	96.93	97.23	0.30	0.14	1210	2.0	8.46	2.84
					87012	Previous 2007	97.23	97.73	0.50	0.26	1675	1.7	11.84	3.70
97.73	121.92	RR	Shale	Very dark, realtively soft, calcareous shale at top grading downward into banded, pale grey, harder, calcearous shale. CBA @ 80°. Bedding made obvious by colour banding.	1478834		97.73	98.00	0.27	0.50	2120	2.0	5.25	1.26
99.70	102.80			_Missing core - box tipped.	1478835		98.00	99.00	1.00	0.28	1385	1.9	9.25	3.17
	120.80			_Numerous 2-5cm wide fracture veinlets with bright whitre calcite crystals on fracture planes from 120.80 to EOH.	1478836		99.00	99.70	0.70	0.27	1073	1.7	9.22	2.88
						Missing Core - mean above/below	99.70	102.80	3.10	0.24	966	1.4	9.65	2.74
					1478838		102.80	103.60	0.80	0.21	859	1.0	10.07	2.59
					1478839		103.60	104.00	0.40	0.20	793	1.0	10.37	2.65
					1478840		104.00	105.00	1.00	0.14	366	0.7	18.69	8.77
					1478841		105.00	106.00	1.00	0.17	433	0.9	11.50	3.70
					1478842		106.00	107.00	1.00	0.19	622	0.9	10.41	2.69
					1478843		107.00	108.00	1.00	0.21	594	0.8	11.79	2.87
					1478844		108.00	109.00	1.00	0.20	552	1.0	10.81	3.02
					1478845		109.00	110.00	1.00	0.19	502	0.9	11.67	2.74
					1478846		110.00	111.00	1.00	0.22	542	1.0	10.45	2.64
					1478847		111.00	112.00	1.00	0.22	487	0.9	11.35	2.11

Description				Samples									
From	To	Unit	Lithology	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
				1478848		112.00	113.00	1.00	0.22	511	0.9	10.52	1.84
				1478849		113.00	114.00	1.00	0.24	734	1.0	9.12	1.81
				1478850		114.00	115.00	1.00	0.25	786	1.2	8.76	1.96
				1478851		115.00	116.00	1.00	0.18	535	0.9	15.96	8.90
				1478852		116.00	117.00	1.00	0.06	120	0.5	25.04	10.10
				1478853		117.00	118.00	1.00	0.30	1243	1.3	9.18	1.74
				1478854		118.00	119.00	1.00	0.28	1038	1.1	10.90	1.87
				1478855		119.00	120.00	1.00	0.25	854	0.9	11.67	1.89
				1478856		120.00	121.00	1.00	0.27	1068	1.2	11.75	2.07
	121.92		End of hole.	1478857		121.00	121.92	0.92	0.27	1322	1.2	12.54	1.54
					Number of samples:	110							
					Length of samples:			107.82					
					Minimum:				0.03	105	0.5	1.09	0.22
					Maximum:				0.54	4212	13.2	31.48	14.14
					Mean:				0.33	1765	2.44	7.3	1.92
QAQC													
				1478783	Duplicate	42.10	43.10	1.00	0.52	1448	2.4	2.69	1.28
				1478821	Duplicate	84.00	85.00	1.00	0.44	2279	3.8	6.44	3.03
				1478858	Duplicate	121.00	121.92	0.92	0.26	1196	1.1	10.62	1.49
				1478765	Blank				0.00	5	0.5	47.19	2.77
				1478801	Blank				0.00	3	0.5	46.15	2.06
				1478816	Blank				0.00	4	0.5	43.83	3.95
				1478837	Blank				0.00	4	0.5	46.98	1.77
				1478757	Rock Pulp				0.05	20	0.6	5.69	1.99
				1478793	Rock Pulp				0.05	20	0.6	5.71	2.01
				1478829	Rock Pulp				0.05	20	0.6	5.71	2.01

DV07-01 Box 1-2
14.1-24.1m
Canol

DV07-01 Box 3-4
24.1-35.2m
Canol

DV07-01 Box 5-6
35.2-46.6m
Canol

DV07-01 Box 7-8
46.6-58.1m (missing core 46.6-52.3m - box tipped)
Canol

DV07-01 Box 9-10
58.1-70.2m
Canol (missing core 62.63-66.30m - sampled in 2007)

DV07-01 Box 11-12
70.2-82.1m
Canol

DV07-01 Box 13-14
82.1-93.9m
Canol to 90.0m//RCTZ 90.0-93.9m

DV07-01 Box 15-16
93.9-105.5m (missing core 95.96-97.73m - sampled in 2007; 99.7-102.8m - box tipped)
RCTZ to 97.73m//Road River from 97.73

DV07-01 Box 17-18
105.5-116.7m
Road River

DV07-01 Box 19-20
116.7-121.9m EOH
Road River

	
DV07-01a 77.5m: iridescent blue	DV07-01b 127.4m: oval concretions

DDH: DV07-05

Driller: n/a	Comments: Re-log of FX07-02 Ref: AR 094870	NTS: 116 I/16	Section: n/a
Geologist: D. Héon		Mineral title: YF 75840	Level: n/a
Sampler: T.MacDonald		Start date: n/a	Logged at: Yukon Core Library
Log date: 2018-12-06		Finish date: n/a	Stored at: Yukon Core Library

COLLAR

Azimuth°: 110		UTM Zone8_WGS84	Local
Dip°: -75	East m:	442197	n/a
Length: 106.7	North m:	7420757	n/a
Core Size: NQ	Elevation m:	549	549

DOWN HOLE SURVEY

Type	Depth	Azimuth°	Dip°	Valid

SUMMARY LOG

Unit	From m	To m	Int. m
Casing	0	6.1	6.1
Imperial	6.1	68.5	62.4
Canol	68.5	106.7	38.2

WEIGHT AVERAGE INTERSECTIONS

Zone				V2O5%	Zn%	Ag ppm	CaO%	MgO %
All	6.1	106.7	100.6	0.25	0.12	1.6	3.88	0.99
Imperial	6.1	68.5	62.4	0.21	0.03	1.1	3.08	0.81
Canol	68.5	106.7	38.2	0.32	0.26	2.4	5.19	1.28

Description					Samples									
From	To	Unit	Lithology	Comments	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
0.00	6.10	Casing	OVB											
6.10	23.90	Imperial	Shale	Black siliceous shale with calcite on fractures/partings (~70-80 ° CA). Hard, competent. Some cm-scale limestone horizons.	1478501	~ 0.5 m in box	6.1	9.14	3.04	0.17	99	0.5	0.20	0.65
18.50	21.00			_Dark, cohesive, not fissile.	1478502	~ 0.6 m in box	9.14	10.7	1.56	0.16	265	0.5	0.67	0.78
22.40	22.90			_Calcareous. Gypsum ± calcite ± py-lim in vugs and veins.	1478503	~ 0.6 m in box	10.70	12.20	1.50	0.15	440	0.5	3.11	0.68
					1478504		12.20	13.20	1.00	0.15	109	0.5	0.41	0.61
					1478505		13.20	14.20	1.00	0.16	218	0.5	4.53	0.65
					1478506		14.20	15.24	1.04	0.20	470	0.5	1.20	0.50
					1478508	I m in box	15.24	18.30	3.06	0.21	424	0.5	3.09	0.53
					1478509	~ 0.8 m in box	18.30	19.30	1.00	0.16	193	0.5	2.71	0.68
					1478510		19.30	20.30	1.00	0.17	73	0.5	1.55	0.76
					1478511		20.30	21.34	1.04	0.15	230	0.5	3.06	0.65
					1478512		21.34	22.40	1.06	0.15	370	0.5	2.83	0.61
					1478513		22.40	23.40	1.00	0.11	529	0.5	13.72	2.98
23.90	34.60	Imperial	Shale	Dark, sooty, soft shale, locally recessive. Cohesive core but very porous.	1478514		23.40	24.40	1.00	0.16	73	0.5	2.31	0.65
26.5	27.3			_Brownish due to rusty-weathering layers/beds.	1478516		24.40	25.40	1.00	0.15	21	0.7	1.52	0.78
32.80	34.60			_Sooty, soft, finely fissile.	1478517		25.40	26.40	1.00	0.11	1744	0.5	8.60	0.61
					1478518		26.40	27.40	1.00	0.12	70	0.5	4.07	0.68
					1478519		27.40	28.50	1.10	0.16	16	0.6	1.33	0.75
					1478520		28.50	29.50	1.00	0.20	17	0.6	1.99	0.61
					1478521		29.50	30.50	1.00	0.20	28	0.6	2.36	0.66
					1478522		30.50	31.50	1.00	0.15	47	0.6	2.97	0.71
					1478523		31.50	32.50	1.00	0.15	69	0.9	3.81	0.80
					1478524		32.50	33.50	1.00	0.21	38	1.1	0.73	0.88
					1478525		33.50	34.50	1.00	0.24	133	1.2	1.01	0.90
34.60	36.30	Imperial	Limestone	Brownish, massive, calcareous, sharp lower contact at 50 ° CA. Thin white veinlets w lim-calcite (±quartz?). Weak thin stockwork for 10 cm.	1478526		34.50	35.50	1.00	0.05	281	0.5	28.11	8.27
					1478527		35.50	36.30	0.80	0.05	1030	0.5	25.70	9.80
36.30	39.00	Imperial	Shale	Black carbonaceous shale, recessive,soft, sooty, finely shistose, with irregular pitted core surfaces and some mm-thick resistant layers. Foliaform/bedding-parallel hairline carbonate veinlets + discordant tabular 1-2mm veinlets. Cooresponds to previously logged Litho 3.	1478528		36.30	37.40	1.10	0.30	104	1.2	1.32	0.83
					1478529		37.40	38.50	1.10	0.25	24	1.5	1.29	0.85
					1478530		38.50	39.60	1.10	0.24	209	1.2	4.74	0.58
39.00	54.70	Imperial	Shale	Black shale, relatively competent core, with fine fracture cleavage ~ 70 80 ° CA. Very porous till 40.5 m, generally porous 43.1-68.3 m.	1478531		39.60	40.70	1.10	0.29	1160	0.8	5.08	0.40
39.60	40.60			_ Some thin (0.5-2 cm) coarser grained, oxidized lenses/beds, calcareous.	1478532		40.70	41.70	1.00	0.31	915	0.6	3.55	0.33
45.00	45.15			_ Cleavage-parallel sigmoidal hairline gypsum.carb veinlets, 2-3/ cm, and tabular, yellow and oxidized veinlets, parallel to CA, 2-3/ cm.	1478534		41.70	42.70	1.00	0.32	179	1.8	1.93	0.32
49.90	52.60			_Tabular yellowish veins parallel to CA, 1-2 mm, 1-4/cm	1478535		42.70	43.70	1.00	0.29	863	1.6	3.29	0.28
					1478536		43.70	44.70	1.00	0.32	245	1.7	2.21	0.33
					1478537		44.70	45.70	1.00	0.35	1183	1.9	2.81	0.36
					1478538		45.70	46.70	1.00	0.32	284	1.8	2.49	0.33
					1478539		46.70	47.70	1.00	0.35	457	2.0	2.34	0.38
					1478540		47.70	48.80	1.10	0.36	485	2.1	3.20	0.45
					1478541		48.80	49.80	1.00	0.40	50	2.3	2.00	0.50
					1478542		49.80	50.80	1.00	0.32	38	1.8	1.52	0.40
					1478544		50.80	51.80	1.00	0.21	90	1.3	1.64	0.32
					1478545		51.80	52.80	1.00	0.12	56	1.0	1.90	0.27
					1478546		52.80	53.80	1.00	0.07	71	0.8	2.07	0.25
					1478547		53.80	54.70	0.90	0.06	630	0.7	3.15	0.48

Description					Samples									
From	To	Unit	Lithology	Comments	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
54.70	59.80	Imperial	Shale	Darker and sootier strongly carbonaceous shale, finely fractured/fissile, powdery for first 15 cm. Core breaks apart in thin fragile sheets/foliae. Trace hairline yellowish tabular veinlets parallel to CA. **Photo DV07-05a .**	1478548		54.70	55.80	1.10	0.19	34	1.3	1.25	0.38
					1478549		55.80	56.80	1.00	0.16	32	1.2	0.81	0.27
					1478550		56.80	57.90	1.10	0.21	31	1.3	1.30	0.28
					1478552		57.90	58.90	1.00	0.24	25	1.5	0.67	0.30
					1478553		58.90	59.80	0.90	0.28	22	1.6	0.92	0.30
59.80	61.40	Imperial	Breccia	Quartz veining ± clay ± gypsum veining, 10-20 ° CA, with discordant quartz-matrix crackle breccia to matrix-supported breccia, offset by small fractures/faults, some containing gypsum. Some oxidized mineral: siderite? **Photo DV07-05 b.**	1478554		59.80	60.96	1.16	0.29	292	1.5	2.00	0.25
					1478555		60.96	61.30	0.34	0.23	1225	1.3	4.95	0.23
61.40	68.30	Imperial	Shale	Dark, sooty, strongly carbonaceous shale, relatively competent core but microfractures perpendicular to CA every 2-3 mm. Some weak veining parallel to CA. Includes one 2-3 cm oxidized vein material.	1478556		61.30	62.10	0.80	0.25	660	1.4	2.04	0.28
					1478557		62.10	63.20	1.10	0.31	39	1.9	0.76	0.41
					1478558		63.20	64.30	1.10	0.20	646	1.4	2.50	0.60
					1478559		64.30	65.30	1.00	0.22	90	1.5	1.64	0.36
					1478560		65.30	66.30	1.00	0.28	166	1.8	0.94	0.43
					1478561	Previously assayed	66.30	67.30	1.00	0.29	51	2.1	0.63	0.46
					1478562	Previously assayed	67.30	68.30	1.00	0.30	451	2.1	1.27	0.40
					1478563	Previously assayed	68.30	68.50	0.20	0.32	60	2.4	0.67	0.51
68.30	70.50	Contact	Veins and breccia	Contact Zone with notable veining and brecciation										
68.3	69.5			_ Relatively cohesive core with irridescent metallic "weathering", strongly limonitic veinlets < 1mm. Some sigmoidal or disrupted discordant oxidized veinlets (rusty rims, reacts to HCl when scratched: dolomite or siderite?). Some shiny graphitic surfaces **Photos DV07-05 c.**	1478564	Previously assayed	68.50	69.50	1.00	0.30	1216	2.0	1.99	0.36
69.50	70.50			_Breccia veining: sharp upper contact with breccia zone: 15 ° CA. First 0.2 m: crackle breccia, no matrix, just crackled and rotated fragments. **Photos DV07-05 d,e,f,g.**	1478565	Previously assayed	69.50	70.50	1.00	0.26	1957	1.9	4.66	0.35
	70.20			_Banded and sigmoidal carbonate breccia-vein, with rock fragments at margin.										
70.20	70.50			_Strongly brecciated, contorted and disrupted siderite or dolomite veining.										
70.50	76.10	Canol	Shale	Massive dark grey shale, generally hard and competent. Previously logged as Road River. **Photo DV07-05 h** of uppper contact. First metre weathers slightly brown, oxidized (coated with fuel/oil?). Persistent fracture cleavage 65 ° CA till 73.2m. Lighter grey till 76.1m.	1478567	Only 0.75m in box	70.50	71.20	0.70	0.25	1050	1.6	2.06	0.25
73.00	77.25			_Shiny graphitic fracture planes.	1478568	Only 0.75m in box	71.20	72.20	1.00	0.30	925	2.0	0.78	0.27
77.25	73.50			_Calcareous, possibly due to fine calcite on fracture cleavage surfaces.	1478569		72.20	73.20	1.00	0.29	1921	2.3	1.71	0.41
	75.20			_Clear gypsum xtals on fracture, euhedral hematite (2 mm) in core?	1478570		73.20	74.20	1.00	0.13	822	1.0	18.33	11.67
75.90	76.10			_Core breaks in silver dollar-size pieces (fine lamellae).	1478572		74.20	75.20	1.00	0.09	384	0.7	22.12	14.82
					1478573	Only 1/4 core for 0.1m: not sampled	75.20	76.20	1.00	0.16	1127	1.4	16.69	11.21
76.10	106.70	Canol	Shale	Dark grey-black, blocky small pieces but competent. Weak fracture-cleavage. Hard, w trace mm-veinlets 10 ° CA.	1478574		76.20	77.20	1.00	0.31	3012	2.3	1.48	0.32
76.60	77.20			_Dense parallel siderite or dolomite veining, <1-1mm, sub-parallel to CA.Veining=small breccia-veins: contains small rock fragments.	1478575		77.20	78.20	1.00	0.32	3319	2.4	2.81	0.28
77.75	77.90			_Fractured, brecciated, with graphite on some fractures.	1478576		78.20	79.20	1.00	0.33	4252	2.7	3.12	0.30
82.00	92.20			_Shiny graphite on some fracture planes.	1478577		79.20	80.20	1.00	0.36	4310	3.8	1.80	0.36
83.20	83.70			_Strong subparallel veinlets 15 ° CA, 2-5/cm.	1478578		80.20	81.20	1.00	0.26	2154	1.8	6.84	0.36
84.50	84.60			_Calcite infill with irregular margins, disrupted by x-cutting fractures. Strong graphite on fractures.	1478580		81.20	82.30	1.10	0.31	3393	2.9	7.25	0.98
91.50	91.70			_Dense very fine carbonate veining 15 ° CA, 2-5/cm.	1478581		82.30	83.30	1.00	0.33	2841	2.7	2.62	0.18

Description					Samples									
From	To	Unit	Lithology	Comments	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
82.20	106.70			_STRONG shiny graphite on fracture planes	1478582		83.30	84.30	1.00	0.38	3586	3.5	4.22	0.22
94.40	95.10			_Dense very fine carbonate veining, 15 ° CA, 2-5/cm.Locally disrupted by later fractures.	1478583		84.30	85.30	1.00	0.47	1874	4.0	6.70	0.28
96.00	96.30			_Dense very fine carbonate veining.	1478584		85.3	86.3	1.00	0.30	1928	1.7	6.48	0.23
98.00	106.70			_Measurements on core are approximate: some sections strongly fractured with core loss.	1478585		86.30	87.40	1.10	0.34	3717	2.9	4.25	0.27
101.50	101.90			_Strong carbonate breccia veining ~ 30 ° CA.	1478586		87.40	88.40	1.00	0.30	2344	1.8	2.88	0.20
					1478588		88.40	89.40	1.00	0.29	2519	2.3	2.98	0.13
					1478589		89.40	90.40	1.00	0.47	4048	4.1	5.20	0.22
					1478590		90.40	91.40	1.00	0.32	2737	3.4	5.50	0.38
					1478591		91.40	92.50	1.10	0.28	2305	2.5	3.33	0.36
					1478592		92.50	93.50	1.00	0.45	4492	4.3	2.38	0.22
					1478593		93.50	94.50	1.00	0.39	2590	3.6	3.22	0.32
					1478594		94.50	95.50	1.00	0.26	1998	1.5	6.48	0.38
					1478595		95.50	96.50	1.00	0.28	3068	2.0	4.80	0.20
					1478596		96.50	97.50	1.00	0.30	2251	1.4	4.69	0.75
					1478597		97.50	98.60	1.10	0.35	2535	2.7	2.31	0.23
					1478598		98.60	99.60	1.00	0.33	2016	2.3	4.48	0.30
					1478599		99.60	100.60	1.00	0.33	2567	2.4	4.39	0.27
					1478600		100.60	101.50	0.90	0.37	3194	3.1	5.90	0.28
					1478601		101.50	102.60	1.10	0.31	3016	2.0	10.25	0.25
					1478602		102.60	103.60	1.00	0.36	2945	4.0	4.25	0.32
					1478603		103.60	104.70	1.10	0.33	3230	3.2	2.94	0.27
					1478604		104.70	105.70	1.00	0.43	2828	0.5	1.79	0.28
	106.70			EOH	1478605	Last sample of FX07-02	105.70	106.70	1.00	0.41	3611	0.5	2.90	0.27
						Number of samples:	96							
						Length of samples:			100.6					
						Minimum:				0.05	16	0.5	0.20	0.13
						Maximum:				0.47	4492	4.3	28.11	14.82
						Mean:				0.26	1208	1.6	4.03	1.02
QAQC														
					1478533	Duplicate	40.7	41.7	1.00	0.29	894	0.6	3.36	0.32
					1478571	Duplicate	73.2	74.2	1.00	0.12	767	0.9	18.80	12.24
					1478515	Blank				0.01	33	0.5	1.96	0.76
					1478551	Blank				0.01	33	0.5	2.04	0.75
					1478566	Blank				0.01	35	0.5	2.35	0.75
					1478587	Blank				0.01	35	0.5	5.53	0.90
					1478507	Standard OREAS 520				0.05	22	0.58	5.65	1.97
					1478543	Standard OREAS 520				0.05	20	0.08	5.65	1.96
					1478579	Standard OREAS 520				0.05	21	0.9	5.71	1.96


DV07-05 Box 1-3
6.1-29.7m
Imperial


DV07-05 Box 4-6
29.7-46.9m
Imperial


DV07-05 Box 7-9
46.9-64.1m
Imperial


DV07-05 Box 10-12
64.1-80.9m
Imperial to 68.3m, Contact 68.3-70.5m, Canol from 70.5m


DV07-05 Box 13-15
80.9-97.9m
Canol


DV07-05 Box 16-17
97.9-106.7m EOH.
Canol

DV07-05a 57.9m

DV07-05e 70.1m

DV07-05b 60.3m

DV07-05f 70.2m

DV07-05c 69.0m

DV07-05g 70.4m

DV07-05d 69.7m

DV07-05h 70.5m

DDH: DV07-06

Driller:	n/a	Comments:	Re-log of FX07-03 Ref: AR 094870 (Dumala, 2007a)	NTS:	116 I/16
Geologist:	D. Héon			Mineral title:	YF 75871
Sampler:	T.MacDonald			Start date:	n/a
Log date:	2018-12-11			Finish date:	n/a

				Section:	n/a
				Level:	n/a
				Logged at:	Yukon Core Library
				Stored at:	Yukon Core Library

COLLAR

			UTM Zone8_WGS84	Local
Azimuth°:	110			
Dip°:	-75	East m:	442337	n/a
Length:	210.31	North m:	7423398	n/a
Core Size:	NQ	Elevation m:	550	550

DOWN HOLE SURVEY

Type	Depth	Azimuth°	Dip°	Valid

SUMMARY LOG

Unit	From m	To m	Int. m
Casing	0.00	12.34	12.34
Canol	12.34	102.50	90.16
RCTZ	102.50	108.70	6.20
Road River	108.70	210.31	101.61

INTERSECTIONS

	From m	To m	Int. m	V2O5%	Zn%	Ag ppm	CaO%	MgO %
All	12.34	141.20	128.86	0.34	0.22	1.6	4.9	1.08
Canol	12.34	102.50	90.16	0.39	0.27	1.3	3.62	0.49
RCTZ	102.50	108.70	6.20	0.14	0.07	3.1	7.03	2.09
Road River	108.70	141.20	32.50	0.23	0.11	2.1	8.05	2.53

Description					Samples									
From	To	Unit	Lithology		No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
0.00	12.34	Casing	OVB											
12.34	14.70	Canol	Shale	Black siliceous shale with calcite on fractures/partings (~70-80 ° CA). Hard, competent. Some cm-scale limestone horizons.	1478606		12.34	13.5	1.16	0.27	1304	0.5	1.45	0.20
	14.30			_Fractures and thin veining parallel to CA from 14.3.	1478607		13.50	14.70	1.20	0.34	4593	0.5	3.96	0.30
14.70	15.30	Canol	Limestone	_Chrysocolla or malachite on carbonate fracture	1478609		14.70	15.30	0.60	0.17	946	0.5	14.54	0.28
15.30	33.10	Canol	Shale	Black hard siliceous shale, generally calcareous. Local thin grey	1478610		15.30	16.30	1.00	0.40	3984	0.5	2.21	0.32
16.90	17.20			_Blocky core and calcite veining 15 ° CA (core loss).	1478611	Broken, core loss	16.30	17.30	1.00	0.32	1927	0.5	3.60	0.25
18.00	19.00			_Thin calcite veining subparallel to core, 2-5/cm. chrysocolla or	1478612		17.30	18.30	1.00	0.33	3124	0.5	4.02	0.20
18.30	19.30			_Chrysocolla or malachite on carbonate fracture	1478613		18.30	19.30	1.00	0.36	3378	0.5	4.32	0.23
					1478614		19.30	20.30	1.00	0.34	2344	0.5	3.89	0.18
					1478615		20.30	21.30	1.00	0.44	4141	0.5	3.78	0.23
					1478616		21.30	22.30	1.00	0.42	2237	0.5	4.31	0.22
					1478618		22.30	23.30	1.00	0.43	1805	0.5	5.04	0.27
					1478619		23.30	24.30	1.00	0.40	3922	0.5	3.96	0.23
					1478620		24.30	25.30	1.00	0.36	2891	0.5	3.22	0.22
					1478621		25.30	26.30	1.00	0.42	3400	0.5	3.89	0.18
					1478622		26.30	27.30	1.00	0.37	3010	0.5	9.65	2.37
					1478624		27.30	28.30	1.00	0.24	1978	0.5	5.55	1.23
					1478625		28.30	29.30	1.00	0.39	3235	0.5	3.44	0.25
					1478626		29.30	30.30	1.00	0.37	3020	0.5	4.25	0.22
					1478627		30.30	31.30	1.00	0.31	2127	0.5	6.11	0.25
					1478628		31.30	32.30	1.00	0.31	2576	0.5	4.06	0.20
					1478629		32.30	33.30	1.00	0.33	1942	0.5	3.72	0.23
33.10	81.70	Canol	Shale	As above, but generally less calcareous, except for local short pervasively calcareous horizons and for cm-dcm finely bedded limestone horizons. Calcareous fractures. Strong dull graphitic partings. Locally finely bedded shale.	1478630		33.30	34.30	1.00	0.38	2288	0.5	3.16	0.22
	44.90			_8 cm calcite veining perpendicular to CA, dissected by fractures/slivers of shale.	1478631		34.30	35.50	1.20	0.39	3057	0.5	4.46	0.25
49.30	51.20			_Calcareous.	1478632		35.50	36.60	1.10	0.38	3086	0.5	3.22	0.22
	56.90			_Occasional carbonate replacement bands and pods (white carbonate mixed in with sediments, highest carbonate content at rims from 56.90	1478633		36.60	37.60	1.00	0.38	3299	0.5	3.39	0.22
	77.50			_Local horizons of small inverted disc-shaped recessive structures; sedimentary? Algal? Fossiliferous? **Photo DV07-06a** from 77.50	1478634		37.60	38.60	1.00	0.39	4030	0.5	2.94	0.20
80.30	80.50			80.3-80.5 m: carbonate breccia: tabular shale fragments.	1478635		38.60	39.60	1.00	0.29	2249	1.0	3.16	0.20
					1478636		39.60	40.60	1.00	0.40	2712	0.5	4.88	0.30
					1478638		40.60	41.60	1.00	0.46	3660	0.5	4.03	0.23
					1478639		41.60	42.70	1.10	0.41	3778	2.4	4.81	0.25
					1478640		42.70	43.70	1.00	0.37	2510	1.8	2.80	0.22
					1478641		43.70	44.70	1.00	0.27	1812	1.5	9.57	0.88
					1478642		44.70	45.70	1.00	0.33	2108	1.5	7.12	0.46
					1478643		45.70	46.70	1.00	0.36	2292	1.7	2.88	0.23
					1478644		46.70	47.70	1.00	0.41	2693	2.0	2.38	0.22
					1478645		47.70	48.80	1.10	0.42	2748	2.0	2.41	0.22
					1478646		48.80	49.80	1.00	0.36	2021	1.7	2.87	0.20
					1478647		49.80	50.80	1.00	0.40	2559	2.2	3.33	0.23
					1478648		50.80	51.80	1.00	0.36	2269	2.1	2.69	0.20
					1478649		51.80	52.80	1.00	0.28	2567	1.5	3.44	0.18
					1478650		52.80	53.80	1.00	0.37	3247	2.1	2.07	0.20
					1478652		53.80	54.90	1.10	0.35	2395	2.2	3.44	0.23
					1478653		54.90	55.90	1.00	0.39	2796	2.2	2.66	0.25

Description				Samples									
From	To	Unit	Lithology	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
				1478654		55.90	56.90	1.00	0.36	2217	1.9	1.58	0.22
				1478655		56.90	57.90	1.00	0.35	2455	2.1	1.94	0.22
				1478656		57.90	58.90	1.00	0.37	2250	2.5	1.82	0.28
				1478657		58.90	59.90	1.00	0.37	1758	2.3	1.72	0.32
				1478658		59.90	60.90	1.00	0.46	2270	3.4	2.38	0.33
				1478659		60.90	62.00	1.10	0.40	2372	2.6	3.39	0.45
				1478660		62.00	63.00	1.00	0.40	1869	2.3	1.73	0.40
				1478661		63.00	64.00	1.00	0.42	2132	2.5	2.07	0.35
				1478662		64.00	65.00	1.00	0.38	2225	2.2	2.80	0.38
				1478663		65.00	66.00	1.00	0.42	2019	2.2	1.90	0.43
				1478664		66.00	67.00	1.00	0.47	1916	2.8	1.64	0.48
				1478665		67.00	68.00	1.00	0.48	1974	2.7	2.22	0.61
				1478667		68.00	69.00	1.00	0.45	1603	0.5	2.32	0.81
				1478668		69.00	70.00	1.00	0.32	1056	0.5	10.39	6.42
				1478669		70.00	71.00	1.00	0.45	1747	0.5	2.17	0.68
				1478670		71.00	72.00	1.00	0.45	1462	0.5	2.71	0.99
				1478671		72.00	73.00	1.00	0.47	2524	0.5	1.51	0.51
				1478672		73.00	74.00	1.00	0.47	2253	0.5	1.39	0.55
				1478673		74.00	75.00	1.00	0.45	2599	0.5	2.74	0.71
				1478674		75.00	76.00	1.00	0.45	2462	0.5	3.88	0.65
				1478675		76.00	77.00	1.00	0.51	3391	0.5	1.97	0.61
				1478676		77.00	78.00	1.00	0.55	3531	0.5	3.54	1.06
				1478678		78.00	79.00	1.00	0.49	2929	0.5	3.81	1.09
				1478679		79.00	79.79	0.79	0.47	3221	0.5	3.11	0.60
				1478680	Previously assayed /3 samples	79.79	81.04	1.25	0.50	3558	0.5	4.38	0.66
81.70	102.50	Canol	Shale	1478681		81.04	82.20	1.16	0.53	3411	0.5	3.69	0.71
			Siliceous shale, more finely bedded than above, with wider and more abundant limestone bands; gives a bluish tinge to core. Rock is very hard, very graphitic, and contains more abundant inverted disc-shaped structures.										
				1478682		82.20	83.40	1.20	0.35	2203	0.5	4.78	0.68
				1478683		83.40	84.40	1.00	0.33	2361	3.7	5.02	0.73
				1478684		84.40	85.40	1.00	0.36	2618	3.7	5.92	0.55
				1478685		85.40	86.40	1.00	0.46	2893	3.8	4.88	0.43
				1478686		86.40	87.40	1.00	0.45	2974	3.0	4.53	0.43
				1478688		87.40	88.40	1.00	0.40	2489	0.5	5.78	0.40
				1478689		88.40	89.40	1.00	0.38	2315	0.5	6.49	0.35
				1478690		89.40	90.40	1.00	0.40	2417	0.5	4.99	0.40
				1478691		90.40	91.40	1.00	0.49	3304	0.5	3.50	0.36
				1478692		91.40	92.40	1.00	0.51	3185	0.5	3.57	0.36
				1478693		92.40	93.50	1.10	0.42	2105	0.5	3.20	0.45
				1478694		93.50	94.50	1.00	0.39	2328	0.5	1.33	0.38
				1478696		94.50	95.50	1.00	0.31	1833	0.5	1.20	0.41
				1478697		95.50	96.50	1.00	0.34	2265	1.0	2.56	0.43
				1478698		96.50	97.50	1.00	0.51	3646	0.5	1.04	0.45
				1478699		97.50	98.50	1.00	0.48	4345	0.5	1.62	0.38
				1478700		98.50	99.50	1.00	0.47	4392	0.5	2.01	0.43
				1478701		99.50	100.50	1.00	0.40	3968	4.3	2.29	0.43
				1478702		100.50	101.50	1.00	0.40	3775	4.6	2.62	0.60

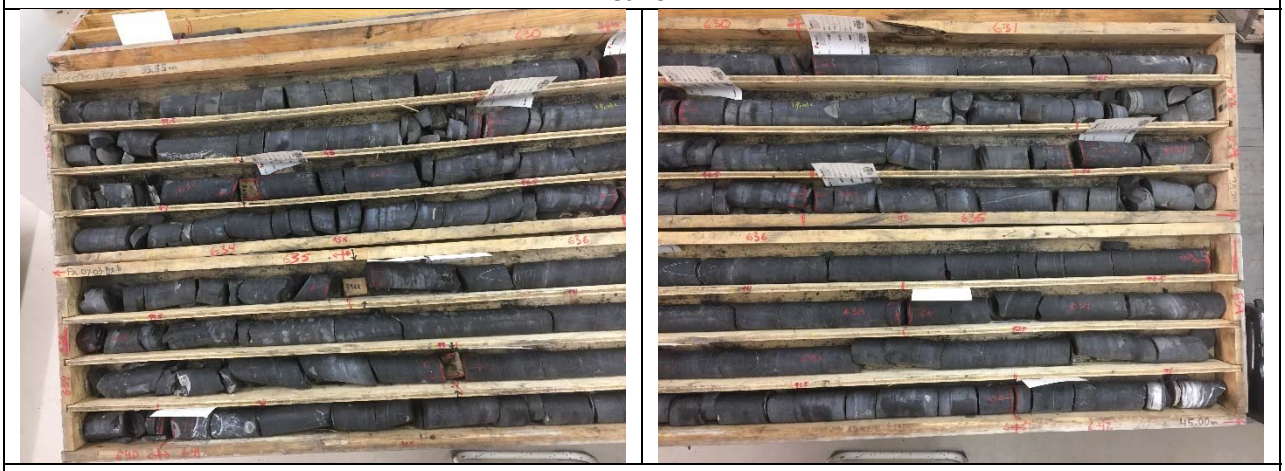
Description					Samples									
From	To	Unit	Lithology		No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
102.50	108.70	RCTZ	Mixed	Dark siliceous shale, hard, variably calcareous, interbedded with w cm-dcm finely bedded greyish limey beds. Bedding ~ 80 ° CA. Some intervals of non-calcareous shale but less than in previous interval. Some pervasively calcareous horizons. Dull graphitic partings. Unit characterized by appearance of: a) f.g. mm-thick horizons, locally discontinuous, containing disseminated to semi-massive pyrite with sharp but non-planar upper contacts (can see outline of individual crystals), 1-2/m, pyrite content increases towards the top; b)some cm carbonate bands/pods showing sharp contacts, locally boudinaged, with variable carbonate content: diagenetic replacement or sedimentary feature (photos)?, also similar bands with thin carbonate fractures perpendicular to length of band (same as previous or different feature?) ; and c) presence in groundmass of carbonate crystals with characteristic swallowtail twins and reentrant angles: witherite or calcite after gypsum? (photos).	1478703		101.50	102.50	1.00	0.20	1036	3.6	5.65	1.04
	89.70			_Carbonate-filled fossil	1478704		102.50	103.60	1.10	0.17	708	3.2	6.58	1.21
	93.40			_Carbonate-filled fossil **Photo DV07-06b**.	1478705		103.60	104.60	1.00	0.15	698	2.9	7.00	1.99
	108.60			_Oblong pod of carbonate replacement (?)	1478706		104.60	105.60	1.00	0.15	721	4.0	5.93	1.67
					1478707		105.60	106.70	1.10	0.13	629	2.8	7.62	2.32
					1478708		106.70	107.70	1.00	0.12	536	2.8	9.12	2.92
					1478710		107.70	108.70	1.00	0.15	686	3.0	5.93	2.49
108.70	117.60	RR	Shale	Dark siliceous shale at top grading to more calcaroeus shale towards botton.	1478711		108.70	109.70	1.00	0.29	1406	2.8	6.06	2.67
112.00	116.00			_Pyrite beds ~ 2-3/m	1478712		109.70	110.70	1.00	0.33	1766	2.8	5.60	2.70
	114.60			_Coarser euhedral star and swallow-shaped carbonate crystals	1478713		110.70	111.70	1.00	0.32	1693	2.9	10.06	2.39
					1478714		111.70	112.70	1.00	0.33	1758	3.1	5.92	2.74
					1478715		112.70	113.75	1.05	0.35	1760	2.9	5.50	1.76
					1478716		113.75	114.56	0.81	0.26	1551	2.8	7.30	2.25
					1478717	Previously assayed	114.56	115.56	1.00	0.31	1515	3.0	6.11	2.24
					1478718	Previously assayed /2 samples	115.56	116.84	1.28	0.31	1699	3.2	5.43	1.72
117.60	121.30	RR	Shale w/ carbonate pods	Some limey beds, 2 pyrite beds and more abundant and definitely lensoid carbonate-rich blebby lenses , 1-2 cm thick. Rims of lenses locally contain more carbonate than the cores and suggest replacement texture. Some pods show uniform carbonate content **Photo DV07-06c**. Limestone ball horizon (?): Road River contact was placed here in 2007 log?**.** Some bands, slightly calcareous, show thin carbonate fractures perpendicular to long axis of band: same as pods?	1478719	Previously assayed	116.84	117.84	1.00	0.15	983	2.9	6.30	2.04
					1478720	Previously assayed	117.84	118.84	1.00	0.08	757	2.5	6.87	2.75
					1478721		118.84	120.00	1.16	0.05	590	2.4	9.12	3.33
					1478722		120.00	121.30	1.30	0.04	710	2.6	5.69	2.80
121.30	141.20	RR	Shale	Dark siliceous shale, hard, variably calcareous, interbedded with w cm-dcm finely bedded greyish limey beds. Bedding ~ 80 ° CA. Harder than hammer except for limey horizons. Common appearance of c.g. witherite or calcite (swallowtail twinning) crystals, sometimes in clusters, sometimes in close proximity to pyrite bands. Comformable pyrite bands, ~ 1/m; py also in discontinuous lenses and rarely in irregular discordant seams.	1478724		121.30	122.35	1.05	0.07	951	2.8	3.11	1.92
	123.00			_Swallowtail twinned crystals appear part of groundmass, not in veins or bands or bedsn **Photo DV07-06d 127.4** from 123.0.	1478725		122.35	123.40	1.05	0.20	1491	2.4	7.58	1.87
	130.40			_Graptolites. **Photo DV07-06e**.	1478726		123.40	124.40	1.00	0.31	2122	2.2	9.82	3.60
132.60	132.80			_Abundant small white xtals of witherite or calcite pseudomorphing gy	1478727		124.40	125.40	1.00	0.22	1074	1.6	9.67	3.13

Description					Samples									
From	To	Unit	Lithology		No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
	134.80			_Coarse witherite or calcite pseudomorphing gypsum **Photo DV07-06f**.	1478728		125.40	126.40	1.00	0.22	949	1.5	7.88	2.29
	138.50			_Carbonate vein, shallow CA.	1478729		126.40	127.40	1.00	0.25	1511	1.7	7.64	2.29
					1478730		127.40	128.40	1.00	0.24	1453	1.7	8.32	2.50
					1478732		128.40	129.40	1.00	0.18	760	1.3	9.58	2.87
					1478733		129.40	130.40	1.00	0.17	443	1.0	12.91	5.36
					1478734		130.40	131.40	1.00	0.19	629	1.1	9.54	2.74
					1478735		131.40	132.40	1.00	0.20	625	1.0	9.79	2.44
					1478736		132.40	133.40	1.00	0.22	649	1.2	11.86	4.26
					1478737		133.40	134.40	1.00	0.22	572	1.2	10.07	2.32
					1478738		134.40	135.20	0.80	0.22	633	1.2	9.63	2.06
					1478739		135.20	136.20	1.00	0.24	658	1.2	8.32	1.82
					1478741		136.20	137.20	1.00	0.28	885	1.5	7.74	1.71
					1478742		137.20	138.20	1.00	0.27	955	1.3	7.83	1.74
					1478743		138.20	139.20	1.00	0.25	1025	1.3	11.19	3.56
					1478744		139.20	140.20	1.00	0.32	1406	2.7	8.87	1.64
					1478745		140.20	141.20	1.00	0.28	1268	1.7	8.16	1.46
141.20	181.75	RR	Gap	Boxes missing.										
181.75	187.70	RR	Shale	Dark, hard, siliceous shale, variably calcareous, with some strongly calcareous finely bedded beds. Gradual increase in carbonate content downhole. Some thin weak carbonate replacement bands. Some horizons with 0.5-3 mm euhedral carbonate crystals (witherite or calcite pseudomorphing gypsum?). Few disseminated to semi-massive pyritic bands, ~1 cm thick.	1478746		181.75	182.80	1.05	0.06	122	0.5	8.06	5.27
					1478747		182.80	183.70	0.90	0.05	92	0.5	11.99	7.33
					1478748		183.70	184.70	1.00	0.07	142	0.5	8.31	3.85
					1478749		184.70	185.70	1.00	0.12	266	0.8	4.64	1.97
					1478750		185.70	186.70	1.00	0.15	392	0.8	4.29	2.32
					1478751		186.70	187.70	1.00	0.18	401	0.9	6.63	2.60
187.75	210.31	RR	Gap	Boxes missing.										
	210.31	RR		End of DV07-06										
						Number of samples:	133							
						Length of samples:			134.81					
						Minimum:				0.04	92	0.5	1.04	0.18
						Maximum:				0.55	4593	4.6	14.54	7.33
						Mean:				0.33	2085	1.51	5.1	1.21
QAQC														
					1478608	Duplicate				0.37	4680	0.5	3.50	0.32
					1478637	Duplicate				0.42	2562	0.5	3.72	0.25
					1478677	Duplicate				0.57	3786	0.5	3.46	1.01
					1478709	Duplicate				0.11	504	2.7	8.67	2.77
					1478740	Duplicate				0.24	641	1.2	8.48	1.94
					1478623	Blank				0.01	35	0.5	2.01	0.70
					1478666	Blank				0.01	35	0.5	2.17	0.75
					1478695	Blank				0.01	33	0.5	2.04	0.80

Description				Samples									
From	To	Unit	Lithology	No.	Notes	From m	To m	Int. m	V2O5%	Zn ppm	Ag ppm	CaO%	MgO %
				1478731	Blank				0.01	33	0.5	2.27	0.78
				1478617	Standard oreas 520				0.04	21	0.5	5.08	1.72
				1478651	Standard oreas 520				0.05	22	0.8	5.55	1.97
				1478687	Standard oreas 520				0.05	23	0.5	5.64	1.92
				1478723	Standard Oreas 520				0.05	21	0.8	5.39	1.92

DV07-06 Box 1-2
12.3-22.0m
Canol

DV07-06 Box 3-4
22.0-33.6m
Canol



DV07-06 Box 5-6
33.6-45.0m
Canol

DV07-06 Box 7-8
45.0-56.1m
Canol

DV07-6 Box 9-10
56.1-61.5m
Canol

DV07-06 Box 11-12
61.5-78.7m
Canol


DV07-06 Box 13-14
78.7-89.2m
Canol


DV07-6 Box 15-16
89.2-100.7m
Canol


DV07-06 Box 17-18
100.7-112.1m
Canol to 102.5m, RCTZ 102.5-108.7m, Road River from 108.7m

DV07-06 Box 19-20
112.1m-123.4m
Road River

DV07-6 Box 21-22
123.4-135.2m
Road River

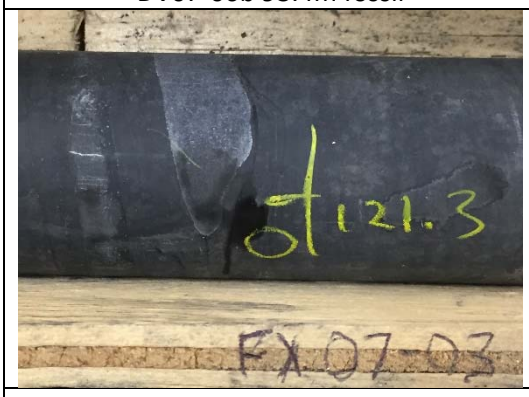
DV07-06 Box 23 & 31
135.2-141.2m & 181.8-187.6m
Road River

DV07-06a 77.5 m discs

DV07-06d 127.4m bladed calcite

DV07-06b 93.4m fossil

DV07-06e 130.4m graptolites



DV07-06c 121.3m concretion

DV07-06f 134.8m gypsum swallowtails

Appendix B: 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: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: January 03, 2019
Report Date: March 04, 2019
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI19000001.1

CLIENT JOB INFORMATION

Project: DV
Shipment ID: DV18-1
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return 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	134	Crush, split and pulverize 250 g rock to 200 mesh			WHI
PULSW	134	Extra Wash with Silica between each sample			WHI
SLBHP	4	Sort, label and box pulps			WHI
MA300	138	4 Acid digestion ICP-ES analysis	0.25	Completed	VAN
EN001-MA	138	Environmental disposal fee - Multi-acid neutralization			VAN
SHP01	138	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Breakaway Expl. Mgmt. Inc.
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1
Canada

CC: Marty Huber

KERRY JAY
Geochem Project 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: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478501	Drill Core	0.72	33	19	14	99	<0.5	29	<2	22	1.39	16	<20	4	85	1.7	15	<5	943	0.14	0.017
1478502	Drill Core	1.18	49	64	13	265	<0.5	78	4	27	2.59	51	<20	5	138	1.4	17	<5	872	0.48	0.048
1478503	Drill Core	0.93	47	58	12	440	<0.5	143	9	38	3.31	68	<20	5	112	2.8	18	<5	819	2.22	0.067
1478504	Drill Core	1.09	31	22	13	109	<0.5	37	<2	16	1.39	22	<20	4	101	0.7	16	<5	839	0.29	0.032
1478505	Drill Core	0.97	29	27	11	218	<0.5	69	3	58	1.42	19	<20	4	166	4.4	15	<5	869	3.24	0.022
1478506	Drill Core	0.99	55	68	9	470	<0.5	133	5	54	1.93	36	<20	5	132	12.2	14	<5	1131	0.86	0.047
1478507	Rock Pulp	0.08	65	2876	8	22	0.8	78	202	2436	14.28	113	21	6	84	<0.4	5	<5	261	3.95	0.077
1478508	Drill Core	1.35	65	71	10	424	<0.5	116	5	55	2.67	71	21	5	188	6.4	16	<5	1169	2.21	0.062
1478509	Drill Core	1.14	49	44	11	193	<0.5	55	3	19	2.38	72	<20	7	109	1.3	17	<5	912	1.94	0.051
1478510	Drill Core	0.97	47	36	14	73	<0.5	28	<2	17	2.16	40	<20	7	95	0.6	19	<5	925	1.11	0.027
1478511	Drill Core	0.92	32	54	11	230	<0.5	80	3	27	2.64	34	<20	6	121	2.2	16	<5	823	2.19	0.040
1478512	Drill Core	1.00	40	74	11	370	<0.5	114	6	52	2.29	45	<20	6	146	4.7	16	<5	841	2.02	0.035
1478513	Drill Core	1.26	22	88	11	529	<0.5	137	10	386	2.34	49	<20	5	667	10.3	13	<5	594	9.81	0.044
1478514	Drill Core	1.03	40	45	11	73	<0.5	39	<2	18	2.47	77	<20	9	96	0.8	16	<5	871	1.65	0.073
1478515	Rock	0.51	<2	5	<5	33	<0.5	<2	4	579	1.94	<5	<20	3	191	<0.4	<5	<5	41	1.40	0.043
1478516	Drill Core	0.90	37	67	13	21	0.7	20	<2	18	1.04	33	<20	7	49	<0.4	19	<5	813	1.09	0.017
1478517	Drill Core	0.84	25	129	10	1744	<0.5	528	36	373	4.31	74	<20	5	306	22.7	14	<5	612	6.15	0.064
1478518	Drill Core	0.88	38	108	15	70	<0.5	69	3	28	2.59	69	<20	8	211	0.7	18	<5	700	2.91	0.040
1478519	Drill Core	1.27	40	31	13	16	0.6	26	<2	16	1.73	18	<20	5	64	<0.4	19	<5	915	0.95	0.008
1478520	Drill Core	0.84	49	38	11	17	0.6	26	<2	16	2.11	23	<20	5	91	0.4	18	<5	1095	1.42	0.009
1478521	Drill Core	0.83	64	36	12	28	0.6	31	<2	14	2.67	45	<20	6	99	<0.4	18	<5	1097	1.69	0.017
1478522	Drill Core	1.06	60	42	13	47	0.6	37	<2	17	2.53	50	<20	6	129	<0.4	19	<5	848	2.12	0.022
1478523	Drill Core	1.05	44	46	15	69	0.9	50	<2	22	2.33	103	22	7	205	0.6	22	<5	862	2.72	0.058
1478524	Drill Core	1.09	65	41	18	38	1.1	42	<2	21	0.89	22	29	7	66	1.2	30	<5	1192	0.52	0.018
1478525	Drill Core	0.93	89	25	18	133	1.2	103	3	48	1.85	37	21	7	70	0.6	34	<5	1364	0.72	0.017
1478526	Drill Core	1.01	28	31	6	281	<0.5	233	9	536	1.83	31	<20	<2	983	3.6	9	<5	295	20.09	0.091
1478527	Drill Core	0.64	13	63	<5	1030	<0.5	392	21	886	2.56	33	<20	<2	1059	12.3	7	<5	296	18.37	0.060
1478528	Drill Core	1.06	69	31	14	104	1.2	78	<2	27	1.35	33	25	7	108	1.3	32	<5	1658	0.94	0.030
1478529	Drill Core	0.87	73	81	22	24	1.5	45	<2	18	0.89	43	24	7	71	1.1	37	<5	1394	0.92	0.023
1478530	Drill Core	1.19	70	129	15	209	1.2	168	4	28	2.11	95	31	5	154	2.0	27	<5	1325	3.39	0.054

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: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

		Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
		Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478501	Drill Core		22	47	0.39	288	0.22	4.42	0.05	1.57	6	46	<2	14	6	2	7	0.3
1478502	Drill Core		22	65	0.47	364	0.25	5.85	0.05	1.88	<4	52	2	20	7	3	12	0.8
1478503	Drill Core		19	73	0.41	1867	0.22	5.26	0.07	1.67	<4	49	<2	19	6	2	11	2.1
1478504	Drill Core		18	49	0.37	213	0.20	4.40	0.05	1.48	<4	42	<2	8	6	2	8	0.5
1478505	Drill Core		23	50	0.39	1181	0.21	4.63	0.07	1.45	<4	48	2	19	6	2	8	1.1
1478506	Drill Core		20	55	0.30	912	0.17	3.65	0.05	1.11	<4	42	<2	20	5	2	9	0.6
1478507	Rock Pulp		67	40	1.19	922	0.41	5.72	1.34	3.10	46	135	5	23	5	1	17	0.9
1478508	Drill Core		21	63	0.32	963	0.17	3.83	0.06	1.17	<4	42	<2	26	5	2	12	1.1
1478509	Drill Core		19	59	0.41	1788	0.23	5.04	0.06	1.60	<4	53	2	12	7	2	10	2.0
1478510	Drill Core		26	61	0.46	1577	0.26	5.59	0.06	1.75	<4	60	2	11	8	2	9	1.3
1478511	Drill Core		24	61	0.39	1327	0.23	4.90	0.07	1.56	<4	56	2	18	7	2	10	2.2
1478512	Drill Core		15	61	0.37	1132	0.21	4.46	0.05	1.42	<4	48	<2	24	6	2	9	2.1
1478513	Drill Core		18	56	1.80	1003	0.17	3.96	0.47	1.08	<4	42	<2	34	5	2	9	2.6
1478514	Drill Core		17	67	0.39	1378	0.23	4.64	0.06	1.50	<4	50	<2	9	6	2	10	2.0
1478515	Rock		11	3	0.46	843	0.19	6.33	3.26	1.71	<4	49	<2	16	5	<1	6	<0.1
1478516	Drill Core		21	61	0.47	347	0.29	5.65	0.07	1.84	<4	57	<2	8	8	2	11	1.2
1478517	Drill Core		14	46	0.37	1153	0.20	5.47	0.21	1.42	<4	45	<2	54	6	3	18	5.7
1478518	Drill Core		23	68	0.41	1205	0.27	5.90	0.14	1.89	<4	64	2	13	8	2	12	3.3
1478519	Drill Core		23	58	0.45	1325	0.28	5.43	0.07	1.75	<4	67	<2	10	8	2	9	1.3
1478520	Drill Core		19	57	0.37	1321	0.24	4.46	0.06	1.47	<4	62	2	8	6	2	8	1.8
1478521	Drill Core		14	63	0.40	1243	0.23	4.63	0.05	1.50	<4	59	<2	9	7	2	8	2.0
1478522	Drill Core		19	67	0.43	1366	0.26	5.24	0.09	1.73	<4	68	<2	13	8	2	9	2.5
1478523	Drill Core		25	70	0.48	1397	0.30	5.98	0.10	1.64	<4	75	2	22	9	2	16	2.8
1478524	Drill Core		22	72	0.53	138	0.37	6.54	0.07	2.25	<4	80	2	13	11	3	12	0.8
1478525	Drill Core		19	69	0.54	83	0.37	6.86	0.07	2.31	<4	97	3	16	11	3	12	1.5
1478526	Drill Core		7	20	4.99	345	0.08	1.85	0.41	0.44	<4	30	<2	27	3	<1	5	2.3
1478527	Drill Core		6	21	5.91	477	0.06	1.82	0.72	0.21	<4	25	<2	28	<2	<1	6	2.7
1478528	Drill Core		22	62	0.50	152	0.31	5.87	0.08	2.06	<4	85	2	15	9	3	11	1.2
1478529	Drill Core		22	59	0.51	153	0.32	5.85	0.06	2.10	<4	83	2	14	10	3	12	1.1
1478530	Drill Core		15	60	0.35	784	0.22	4.62	0.09	1.53	<4	63	<2	28	7	3	15	3.1

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478531	Drill Core	1.00	84	63	8	1160	0.8	603	17	245	2.94	34	22	2	188	11.9	19	<5	1622	3.63	0.048
1478532	Drill Core	1.17	79	67	8	915	0.6	327	10	162	2.15	28	27	3	124	10.9	16	<5	1731	2.54	0.034
1478533	Drill Core	0.56	72	72	8	894	0.6	321	9	157	2.10	29	28	3	119	10.2	17	<5	1644	2.40	0.036
1478534	Drill Core	1.12	84	73	9	179	1.8	127	2	23	1.41	34	<20	<2	84	2.9	17	<5	1805	1.38	0.048
1478535	Drill Core	1.18	78	64	8	863	1.6	249	8	126	2.05	30	<20	<2	113	8.8	13	<5	1646	2.35	0.041
1478536	Drill Core	0.89	79	62	7	245	1.7	136	2	28	1.22	29	<20	<2	82	2.8	17	<5	1800	1.58	0.034
1478537	Drill Core	1.10	71	81	11	1183	1.9	228	8	139	1.73	37	<20	<2	124	10.5	28	<5	1947	2.01	0.068
1478538	Drill Core	1.03	57	62	6	284	1.8	156	2	30	1.35	32	<20	<2	81	2.8	14	<5	1774	1.78	0.029
1478539	Drill Core	1.22	80	77	7	457	2.0	172	3	40	1.42	35	<20	<2	109	2.8	19	<5	1980	1.67	0.032
1478540	Drill Core	1.21	88	102	12	485	2.1	221	3	45	1.65	50	<20	<2	128	3.7	29	<5	2040	2.29	0.039
1478541	Drill Core	1.10	111	83	12	50	2.3	70	<2	16	0.93	44	<20	3	99	1.4	27	<5	2235	1.43	0.026
1478542	Drill Core	0.85	76	69	8	38	1.8	61	<2	14	0.79	35	<20	<2	65	0.9	20	<5	1812	1.09	0.016
1478543	Rock Pulp	0.08	60	2889	6	20	0.8	77	200	2486	14.33	121	<20	<2	83	<0.4	<5	<5	258	4.04	0.074
1478544	Drill Core	1.21	71	52	9	90	1.3	99	<2	18	0.87	30	<20	<2	74	1.9	12	<5	1199	1.17	0.021
1478545	Drill Core	1.01	67	37	7	56	1.0	119	<2	17	1.03	34	<20	<2	93	2.0	12	<5	693	1.36	0.030
1478546	Drill Core	1.03	71	44	9	71	0.8	158	<2	18	1.14	30	<20	<2	92	2.2	12	<5	373	1.48	0.035
1478547	Drill Core	0.74	89	45	7	630	0.7	307	7	137	1.61	29	<20	<2	101	30.4	11	<5	353	2.25	0.021
1478548	Drill Core	1.24	108	73	8	34	1.3	56	<2	14	0.62	27	<20	<2	120	1.2	21	<5	1037	0.89	0.055
1478549	Drill Core	1.40	89	60	7	32	1.2	70	<2	16	0.65	25	<20	<2	52	0.6	15	<5	903	0.58	0.018
1478550	Drill Core	1.33	109	57	6	31	1.3	85	<2	13	0.66	23	21	<2	126	0.7	19	<5	1175	0.93	0.044
1478551	Rock	0.60	<2	<2	<5	33	<0.5	<2	4	615	1.95	<5	<20	<2	196	<0.4	<5	<5	35	1.47	0.042
1478552	Drill Core	1.17	115	63	8	25	1.5	85	<2	14	0.51	16	20	<2	59	<0.4	17	<5	1360	0.48	0.016
1478553	Drill Core	1.06	78	52	9	22	1.6	77	<2	15	0.62	17	<20	<2	87	0.4	15	<5	1558	0.66	0.061
1478554	Drill Core	1.44	73	51	6	292	1.5	143	2	37	1.04	31	<20	<2	63	4.4	16	<5	1603	1.43	0.031
1478555	Drill Core	0.57	55	49	6	1225	1.3	331	9	131	1.74	26	<20	<2	76	19.2	12	<5	1282	3.54	0.049
1478556	Drill Core	0.62	55	39	7	660	1.4	185	5	65	1.04	26	<20	<2	82	11.2	12	<5	1400	1.46	0.083
1478557	Drill Core	1.22	72	44	10	39	1.9	65	<2	12	0.48	21	<20	<2	90	1.4	19	<5	1719	0.54	0.087
1478558	Drill Core	1.12	86	53	10	646	1.4	214	7	89	1.22	40	<20	<2	96	13.8	17	<5	1138	1.79	0.024
1478559	Drill Core	1.00	97	78	9	90	1.5	167	7	19	0.60	28	<20	<2	178	5.2	21	<5	1206	1.17	0.093
1478560	Drill Core	1.17	66	50	11	166	1.8	157	7	20	0.57	24	<20	2	76	12.9	21	<5	1587	0.67	0.044

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Project: DV
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CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478531	Drill Core	15	47	0.24	449	0.12	2.48	0.07	0.77	<4	42	<2	39	4	2	7	3.0
1478532	Drill Core	17	42	0.20	275	0.11	2.07	0.03	0.64	<4	39	<2	30	3	2	6	2.3
1478533	Drill Core	13	57	0.19	191	0.10	1.95	0.03	0.61	<4	36	<2	28	3	2	6	2.2
1478534	Drill Core	12	66	0.19	457	0.12	2.28	0.03	0.73	<4	42	<2	19	4	1	8	1.6
1478535	Drill Core	13	61	0.17	419	0.11	2.24	0.03	0.69	<4	39	<2	25	3	1	6	2.3
1478536	Drill Core	13	68	0.20	395	0.12	2.38	0.03	0.78	<4	43	<2	20	4	1	6	1.7
1478537	Drill Core	16	56	0.22	578	0.14	2.66	0.03	0.90	<4	47	<2	24	4	2	7	2.0
1478538	Drill Core	8	50	0.20	692	0.13	2.44	0.03	0.82	<4	42	<2	17	4	1	6	1.9
1478539	Drill Core	15	76	0.23	629	0.15	2.73	0.04	0.91	<4	48	<2	17	4	2	7	1.7
1478540	Drill Core	14	79	0.27	520	0.18	3.36	0.06	1.11	<4	57	3	31	6	2	9	2.2
1478541	Drill Core	14	101	0.30	652	0.21	3.55	0.06	1.30	<4	65	3	19	7	2	8	1.6
1478542	Drill Core	11	58	0.24	616	0.17	2.95	0.04	1.02	<4	55	2	11	6	2	7	1.3
1478543	Rock Pulp	62	40	1.18	669	0.41	5.76	1.35	3.24	47	129	4	21	5	1	16	0.9
1478544	Drill Core	8	49	0.19	724	0.15	2.76	0.05	0.93	<4	50	<2	12	5	2	6	1.3
1478545	Drill Core	7	48	0.16	807	0.15	2.83	0.07	0.94	<4	51	<2	14	6	1	6	1.5
1478546	Drill Core	8	41	0.15	825	0.15	2.98	0.09	0.99	<4	51	<2	24	6	1	7	1.5
1478547	Drill Core	7	42	0.29	442	0.12	2.48	0.10	0.81	<4	46	<2	28	5	1	6	1.8
1478548	Drill Core	14	52	0.23	1166	0.19	3.35	0.08	1.17	<4	82	<2	21	11	2	8	1.0
1478549	Drill Core	10	43	0.16	689	0.14	2.40	0.06	0.87	<4	57	<2	12	6	2	5	0.8
1478550	Drill Core	11	56	0.17	712	0.14	2.38	0.10	0.86	<4	58	<2	14	6	2	5	1.2
1478551	Rock	11	<2	0.45	844	0.20	6.68	3.22	1.81	<4	48	<2	15	6	<1	6	<0.1
1478552	Drill Core	16	64	0.18	706	0.15	2.57	0.21	0.88	<4	62	<2	15	7	2	6	0.8
1478553	Drill Core	17	45	0.18	951	0.14	2.48	0.06	0.88	<4	53	<2	16	6	1	6	0.9
1478554	Drill Core	8	48	0.15	504	0.11	2.14	0.03	0.73	<4	42	<2	15	4	1	5	1.6
1478555	Drill Core	7	47	0.14	253	0.10	2.41	0.02	0.72	<4	38	<2	26	4	1	5	2.6
1478556	Drill Core	10	53	0.17	584	0.12	2.43	0.04	0.83	<4	44	<2	22	4	1	6	1.6
1478557	Drill Core	16	66	0.25	621	0.18	3.14	0.03	1.11	<4	66	2	24	6	2	7	0.8
1478558	Drill Core	10	81	0.36	435	0.15	2.83	0.03	1.03	<4	53	<2	32	5	1	7	1.6
1478559	Drill Core	14	56	0.22	636	0.15	2.85	0.07	1.03	<4	52	<2	23	5	1	6	1.3
1478560	Drill Core	12	62	0.26	533	0.17	3.26	0.06	1.16	<4	55	<2	18	6	2	7	1.0

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	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478561	Drill Core	0.76	72	56	13	51	2.1	198	9	14	0.38	26	<20	3	36	6.5	21	<5	1649	0.45	0.015
1478562	Drill Core	0.55	84	37	9	451	2.1	127	2	42	0.90	24	<20	<2	51	3.2	21	<5	1674	0.91	0.026
1478563	Drill Core	0.18	68	38	14	60	2.4	193	6	21	1.24	31	<20	<2	58	1.2	24	<5	1782	0.48	0.051
1478564	Drill Core	0.50	62	47	8	1216	2.0	242	4	81	1.61	31	<20	<2	74	6.2	18	<5	1697	1.42	0.046
1478565	Drill Core	0.60	50	50	11	1957	1.9	463	7	138	1.95	36	<20	<2	237	16.3	16	<5	1465	3.33	0.058
1478566	Rock	0.63	<2	4	<5	35	<0.5	<2	4	609	1.95	<5	<20	<2	198	<0.4	<5	<5	35	1.46	0.042
1478567	Drill Core	1.04	43	42	7	1050	1.6	359	6	108	1.63	23	<20	<2	81	10.7	14	<5	1391	1.47	0.011
1478568	Drill Core	1.12	53	49	6	925	2.0	250	4	64	1.48	27	<20	<2	70	6.1	17	<5	1657	0.56	0.076
1478569	Drill Core	1.15	60	60	7	1921	2.3	495	7	120	2.09	36	<20	3	82	11.8	12	<5	1650	1.22	0.082
1478570	Drill Core	1.37	18	100	6	822	1.0	139	4	581	0.88	23	<20	<2	961	8.1	16	<5	709	13.10	0.008
1478571	Drill Core	0.73	17	59	6	767	0.9	133	4	597	0.86	19	<20	2	998	7.0	10	<5	667	13.44	0.008
1478572	Drill Core	1.33	12	38	5	384	0.7	98	2	739	0.55	16	<20	<2	1184	4.3	12	<5	479	15.81	0.016
1478573	Drill Core	1.42	25	76	10	1127	1.4	169	4	641	1.13	34	<20	<2	861	12.5	27	<5	913	11.93	0.068
1478574	Drill Core	1.26	55	85	8	3012	2.3	356	4	103	1.82	35	<20	<2	54	30.5	24	<5	1724	1.06	0.017
1478575	Drill Core	1.25	49	79	7	3319	2.4	255	3	82	1.33	35	<20	2	132	39.4	17	<5	1797	2.01	0.025
1478576	Drill Core	1.11	42	85	8	4252	2.7	200	3	42	1.00	39	<20	<2	232	52.4	15	<5	1854	2.23	0.137
1478577	Drill Core	1.01	50	121	9	4310	3.8	239	3	32	1.25	47	<20	4	102	55.8	22	<5	1990	1.29	0.023
1478578	Drill Core	1.42	63	79	8	2154	1.8	205	2	67	0.95	38	100	5	353	29.2	16	<5	1442	4.89	0.040
1478579	Rock Pulp	0.08	64	2911	<5	21	0.9	76	204	2498	15.88	126	<20	5	86	<0.4	<5	8	260	4.08	0.075
1478580	Drill Core	1.26	65	132	9	3393	2.9	203	<2	90	0.60	45	113	<2	467	46.3	42	<5	1726	5.18	0.073
1478581	Drill Core	1.22	48	95	7	2841	2.7	204	<2	41	0.75	37	<20	2	210	37.9	29	<5	1846	1.87	0.032
1478582	Drill Core	1.04	57	160	6	3586	3.5	220	<2	48	0.74	43	85	<2	310	45.7	46	<5	2145	3.02	0.035
1478583	Drill Core	1.20	82	352	9	1874	4.0	303	2	61	0.86	67	100	6	475	25.2	102	<5	2612	4.79	0.055
1478584	Drill Core	1.10	48	63	7	1928	1.7	191	<2	52	0.72	30	78	<2	470	25.4	9	<5	1655	4.63	0.062
1478585	Drill Core	1.44	50	90	7	3717	2.9	191	<2	43	0.70	33	84	<2	309	47.2	18	<5	1916	3.04	0.043
1478586	Drill Core	1.25	48	59	<5	2344	1.8	148	<2	48	0.73	25	<20	<2	225	30.2	14	<5	1660	2.06	0.046
1478587	Rock	0.87	<2	3	<5	35	<0.5	<2	4	647	2.22	<5	<20	<2	209	<0.4	<5	<5	43	1.68	0.041
1478588	Drill Core	1.11	42	54	<5	2519	2.3	143	<2	44	0.63	24	35	<2	268	33.4	14	<5	1650	2.13	0.040
1478589	Drill Core	1.23	62	93	7	4048	4.1	214	<2	38	0.67	33	101	<2	436	57.9	20	<5	2649	3.72	0.073
1478590	Drill Core	1.20	38	155	6	2737	3.4	213	<2	44	0.68	41	104	<2	438	41.0	42	<5	1799	3.93	0.049

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Method		MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478561	Drill Core	14	67	0.28	165	0.18	3.55	0.08	1.28	<4	63	<2	14	6	2	7	0.8
1478562	Drill Core	15	67	0.24	1213	0.16	3.20	0.05	1.17	<4	62	<2	21	6	1	6	1.2
1478563	Drill Core	14	78	0.31	119	0.19	3.85	0.04	1.44	<4	73	<2	28	7	2	8	1.4
1478564	Drill Core	11	73	0.22	572	0.13	2.78	0.04	1.02	<4	48	<2	25	5	1	6	1.8
1478565	Drill Core	8	64	0.21	290	0.12	2.57	0.03	0.96	<4	44	<2	28	5	1	6	1.9
1478566	Rock	10	<2	0.45	831	0.20	6.83	3.28	1.79	<4	47	<2	15	6	<1	6	<0.1
1478567	Drill Core	7	58	0.15	355	0.09	1.85	0.03	0.66	<4	33	<2	13	3	<1	4	1.4
1478568	Drill Core	12	86	0.16	731	0.10	2.10	0.03	0.73	<4	37	<2	12	4	1	5	1.5
1478569	Drill Core	8	83	0.25	677	0.16	2.99	0.03	1.09	<4	52	<2	32	6	1	6	2.1
1478570	Drill Core	9	28	7.04	207	0.08	1.68	0.72	0.35	<4	33	<2	24	4	<1	4	0.9
1478571	Drill Core	8	31	7.38	225	0.08	1.61	0.74	0.31	<4	30	<2	22	3	<1	4	0.9
1478572	Drill Core	7	24	8.94	150	0.05	1.20	0.76	0.14	<4	21	<2	8	2	<1	3	0.6
1478573	Drill Core	10	39	6.76	311	0.09	2.13	0.43	0.58	<4	32	<2	16	4	<1	4	1.2
1478574	Drill Core	9	82	0.19	511	0.11	2.12	0.03	0.73	<4	35	<2	17	3	<1	5	1.5
1478575	Drill Core	11	71	0.17	148	0.10	1.85	0.03	0.66	<4	33	<2	15	3	<1	5	1.2
1478576	Drill Core	14	93	0.18	220	0.11	2.13	0.03	0.75	<4	33	<2	29	4	1	5	1.3
1478577	Drill Core	10	161	0.22	508	0.13	2.59	0.03	0.91	<4	47	<2	15	5	1	6	1.7
1478578	Drill Core	11	77	0.22	152	0.08	1.71	0.03	0.62	<4	33	<2	30	3	<1	5	1.2
1478579	Rock Pulp	64	43	1.18	647	0.42	5.80	1.43	3.65	48	131	5	22	5	1	16	0.9
1478580	Drill Core	10	68	0.59	157	0.05	1.03	0.02	0.36	<4	22	<2	25	<2	<1	4	1.0
1478581	Drill Core	13	79	0.11	138	0.05	1.07	0.02	0.37	<4	25	<2	18	<2	<1	4	1.0
1478582	Drill Core	13	80	0.13	160	0.05	1.09	0.02	0.38	<4	26	<2	21	<2	<1	4	1.0
1478583	Drill Core	17	77	0.17	187	0.07	1.31	0.02	0.48	<4	34	<2	30	2	<1	5	1.2
1478584	Drill Core	14	67	0.14	150	0.05	1.13	0.02	0.42	<4	18	<2	36	<2	<1	4	0.9
1478585	Drill Core	12	76	0.16	148	0.05	1.06	0.02	0.38	<4	22	<2	21	<2	<1	4	1.0
1478586	Drill Core	10	48	0.12	194	0.04	0.88	0.03	0.30	<4	19	<2	13	<2	<1	3	0.7
1478587	Rock	9	<2	0.54	805	0.22	6.66	3.29	1.76	<4	43	<2	15	6	<1	7	<0.1
1478588	Drill Core	10	48	0.08	259	0.03	0.67	0.02	0.21	<4	16	<2	15	<2	<1	3	0.6
1478589	Drill Core	15	72	0.13	114	0.05	1.06	0.02	0.37	<4	12	<2	25	<2	<1	4	1.0
1478590	Drill Core	14	121	0.23	119	0.06	1.18	0.04	0.44	<4	20	<2	30	<2	<1	4	1.0

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	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478591	Drill Core	1.05	34	136	7	2305	2.5	177	<2	45	0.64	36	45	<2	257	35.8	40	<5	1576	2.38	0.040
1478592	Drill Core	1.02	52	121	11	4492	4.3	201	<2	41	0.72	32	<20	<2	180	68.7	20	<5	2530	1.70	0.060
1478593	Drill Core	1.18	45	101	8	2590	3.6	206	<2	45	0.74	33	<20	<2	210	37.5	15	<5	2196	2.30	0.061
1478594	Drill Core	1.41	28	85	<5	1998	1.5	131	<2	74	0.61	21	86	<2	341	30.5	10	<5	1431	4.63	0.073
1478595	Drill Core	0.84	33	106	6	3068	2.0	167	<2	69	0.65	28	<20	3	233	45.9	19	<5	1590	3.43	0.033
1478596	Drill Core	0.97	36	72	6	2251	1.4	137	<2	84	0.77	21	84	<2	362	33.7	7	<5	1659	3.35	0.053
1478597	Drill Core	1.31	44	60	7	2535	2.7	182	<2	41	0.74	28	<20	<2	143	37.2	7	<5	1966	1.65	0.049
1478598	Drill Core	0.71	40	58	7	2016	2.3	170	<2	71	0.76	24	<20	<2	207	30.0	6	<5	1855	3.20	0.090
1478599	Drill Core	0.67	34	58	6	2567	2.4	154	<2	64	0.65	24	<20	<2	164	38.4	10	<5	1831	3.14	0.064
1478600	Drill Core	0.92	43	89	8	3194	3.1	174	<2	74	0.77	27	<20	<2	171	46.8	9	<5	2047	4.22	0.047
1478601	Drill Core	1.30	37	79	6	3016	2.0	149	<2	116	0.69	26	83	<2	375	43.5	10	<5	1714	7.33	0.042
1478602	Drill Core	1.35	38	121	8	2945	4.0	230	2	69	0.89	38	41	<2	265	41.9	13	<5	2013	3.04	0.086
1478603	Drill Core	0.91	39	240	8	3230	3.2	212	2	56	0.80	37	<20	<2	174	46.8	38	<5	1842	2.10	0.049
1478604	Drill Core	1.09	58	94	12	2828	<0.5	249	3	46	0.90	36	<20	<2	125	40.5	9	<5	2391	1.28	0.071
1478605	Drill Core	1.00	55	188	9	3611	<0.5	227	2	47	0.74	35	<20	<2	175	52.4	14	<5	2288	2.07	0.065
1478606	Drill Core	1.73	47	66	8	1304	<0.5	147	2	33	0.94	36	<20	<2	103	16.9	6	<5	1531	1.04	0.018
1478607	Drill Core	1.44	52	225	9	4593	<0.5	264	6	57	0.91	67	<20	<2	291	59.0	54	<5	1904	2.83	0.063
1478608	Drill Core	0.69	49	300	10	4680	<0.5	273	6	60	0.97	83	<20	<2	261	60.0	88	<5	2070	2.50	0.088
1478609	Drill Core	1.08	13	267	7	946	<0.5	83	<2	73	0.70	60	57	3	3622	13.3	51	<5	925	10.39	0.266
1478610	Drill Core	1.31	67	146	10	3984	<0.5	275	5	51	1.25	54	<20	<2	172	56.1	23	<5	2252	1.58	0.025
1478611	Drill Core	1.15	79	150	11	1927	<0.5	236	4	51	1.05	53	<20	2	390	27.6	40	<5	1789	2.57	0.047
1478612	Drill Core	1.27	69	117	8	3124	<0.5	219	2	46	0.77	43	<20	<2	467	47.9	18	<5	1835	2.87	0.071
1478613	Drill Core	1.11	33	115	10	3378	<0.5	214	2	52	0.71	37	20	<2	354	50.2	17	<5	1991	3.09	0.038
1478614	Drill Core	1.24	64	91	9	2344	<0.5	211	<2	37	0.68	32	<20	<2	444	32.9	5	<5	1901	2.78	0.031
1478615	Drill Core	1.29	76	141	14	4141	<0.5	240	2	30	0.70	44	<20	2	361	59.3	13	<5	2475	2.70	0.042
1478616	Drill Core	1.24	70	118	10	2237	<0.5	243	2	35	0.66	36	28	<2	425	28.5	8	<5	2349	3.08	0.050
1478617	Rock Pulp	0.08	56	2681	<5	21	<0.5	68	181	2289	14.35	107	90	5	78	<0.4	<5	5	233	3.63	0.066
1478618	Drill Core	1.32	79	94	12	1805	<0.5	312	3	40	0.86	44	<20	<2	494	23.7	7	<5	2420	3.60	0.072
1478619	Drill Core	1.19	65	110	13	3922	<0.5	206	2	34	0.72	40	<20	<2	368	55.9	10	<5	2265	2.83	0.053
1478620	Drill Core	1.25	54	121	12	2891	<0.5	202	2	49	0.79	38	24	<2	328	41.7	18	<5	2013	2.30	0.049

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478591	Drill Core	13	94	0.22	132	0.05	1.01	0.03	0.38	<4	21	<2	24	<2	<1	4	0.8
1478592	Drill Core	13	84	0.13	87	0.05	1.10	0.02	0.40	<4	10	<2	15	<2	<1	4	1.0
1478593	Drill Core	14	88	0.19	92	0.06	1.26	0.03	0.49	<4	10	<2	22	<2	<1	5	1.0
1478594	Drill Core	12	56	0.23	201	0.04	0.79	0.02	0.30	<4	15	<2	18	<2	<1	3	0.7
1478595	Drill Core	14	78	0.12	123	0.05	1.00	0.02	0.40	<4	20	<2	21	<2	<1	4	0.8
1478596	Drill Core	12	45	0.45	111	0.05	0.98	0.03	0.37	<4	8	<2	18	<2	<1	3	0.7
1478597	Drill Core	14	71	0.14	169	0.06	1.15	0.02	0.45	<4	20	<2	17	<2	<1	4	0.9
1478598	Drill Core	12	53	0.18	149	0.05	1.08	0.02	0.44	<4	7	<2	16	<2	<1	3	0.9
1478599	Drill Core	11	55	0.16	128	0.05	1.09	0.02	0.43	<4	10	<2	15	<2	<1	4	0.8
1478600	Drill Core	14	55	0.17	136	0.06	1.17	0.02	0.47	<4	21	<2	19	<2	<1	4	1.0
1478601	Drill Core	13	65	0.15	188	0.05	1.02	0.02	0.43	<4	20	<2	20	<2	<1	4	0.8
1478602	Drill Core	15	194	0.19	182	0.07	1.54	0.02	0.68	<4	23	<2	21	<2	<1	5	1.2
1478603	Drill Core	12	150	0.16	120	0.06	1.38	0.02	0.57	<4	24	<2	21	<2	<1	4	1.0
1478604	Drill Core	12	132	0.17	170	0.07	1.49	<0.01	0.61	<4	32	<2	24	2	1	5	1.2
1478605	Drill Core	10	80	0.16	135	0.06	1.28	<0.01	0.51	<4	11	<2	21	2	2	5	1.1
1478606	Drill Core	6	69	0.12	374	0.09	1.82	<0.01	0.57	<4	28	<2	13	3	1	4	1.0
1478607	Drill Core	6	87	0.18	194	0.09	1.90	<0.01	0.63	<4	37	<2	25	4	1	6	1.4
1478608	Drill Core	7	91	0.19	188	0.11	1.96	<0.01	0.65	<4	41	<2	26	4	1	6	1.3
1478609	Drill Core	11	62	0.17	242	0.07	1.29	<0.01	0.33	<4	<2	<2	32	<2	1	5	0.3
1478610	Drill Core	3	195	0.19	389	0.14	2.67	<0.01	0.89	<4	52	<2	26	5	2	7	1.0
1478611	Drill Core	8	109	0.15	127	0.09	1.92	<0.01	0.67	<4	39	<2	23	3	1	5	0.8
1478612	Drill Core	9	91	0.12	129	0.06	1.16	<0.01	0.38	<4	6	<2	21	3	1	4	0.6
1478613	Drill Core	9	115	0.14	82	0.06	1.15	<0.01	0.38	<4	16	<2	22	3	1	4	0.9
1478614	Drill Core	7	67	0.11	113	0.05	1.02	<0.01	0.33	<4	25	<2	20	2	1	4	0.9
1478615	Drill Core	7	101	0.14	126	0.06	1.18	<0.01	0.40	<4	30	<2	25	3	2	5	1.2
1478616	Drill Core	7	69	0.13	96	0.05	1.10	<0.01	0.37	<4	20	<2	23	2	2	4	0.9
1478617	Rock Pulp	63	37	1.04	478	0.37	5.35	1.28	2.97	38	116	4	20	3	<1	15	0.8
1478618	Drill Core	10	79	0.16	127	0.07	1.42	<0.01	0.49	<4	14	<2	27	3	2	5	1.1
1478619	Drill Core	8	101	0.14	141	0.06	1.28	<0.01	0.46	<4	28	<2	25	3	2	5	1.2
1478620	Drill Core	8	107	0.13	126	0.06	1.15	<0.01	0.40	<4	21	<2	22	<2	1	4	0.9

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478621	Drill Core	1.39	61	103	10	3400	<0.5	206	<2	39	0.65	34	<20	<2	386	53.6	8	<5	2372	2.78	0.048
1478622	Drill Core	1.29	49	164	9	3010	<0.5	193	<2	435	0.58	38	23	<2	882	49.7	26	<5	2053	6.90	0.067
1478623	Rock	0.69	<2	<2	<5	35	<0.5	<2	3	582	1.97	<5	<20	3	189	<0.4	<5	<5	36	1.44	0.039
1478624	Drill Core	1.37	30	75	7	1978	<0.5	185	<2	218	0.64	29	<20	<2	554	32.1	9	<5	1351	3.97	0.057
1478625	Drill Core	1.32	50	118	13	3235	<0.5	224	2	34	0.71	39	<20	<2	317	55.9	14	<5	2170	2.46	0.047
1478626	Drill Core	1.31	53	107	9	3020	<0.5	213	2	36	0.66	35	<20	<2	410	51.7	11	<5	2090	3.04	0.056
1478627	Drill Core	1.35	38	87	8	2127	<0.5	189	2	48	0.65	34	21	<2	689	35.4	11	<5	1719	4.37	0.088
1478628	Drill Core	1.50	42	165	10	2576	<0.5	178	2	39	0.65	45	20	<2	406	42.0	51	<5	1748	2.90	0.053
1478629	Drill Core	0.71	54	98	9	1942	<0.5	163	<2	47	0.69	33	<20	<2	393	33.2	26	<5	1837	2.66	0.026
1478630	Drill Core	1.51	55	63	15	2288	<0.5	185	2	36	0.74	31	<20	<2	320	38.9	<5	<5	2149	2.26	0.028
1478631	Drill Core	1.67	47	78	13	3057	<0.5	195	3	47	0.74	33	<20	<2	463	51.0	9	<5	2173	3.19	0.093
1478632	Drill Core	1.34	48	92	12	3086	<0.5	220	3	38	0.73	38	<20	<2	306	51.1	11	<5	2120	2.30	0.028
1478633	Drill Core	1.16	47	170	13	3299	<0.5	227	3	41	0.77	49	<20	<2	329	53.4	41	<5	2120	2.42	0.026
1478634	Drill Core	1.29	65	115	11	4030	<0.5	197	2	35	0.75	42	<20	<2	316	64.6	22	<5	2174	2.10	0.078
1478635	Drill Core	1.29	39	143	10	2249	1.0	202	2	34	0.70	43	<20	<2	288	37.9	41	<5	1644	2.26	0.028
1478636	Drill Core	1.30	66	117	12	2712	<0.5	280	4	51	0.84	44	21	<2	450	42.6	20	<5	2231	3.49	0.091
1478637	Drill Core	0.72	69	122	15	2562	<0.5	279	3	41	0.88	47	<20	<2	337	41.4	24	<5	2331	2.66	0.074
1478638	Drill Core	1.29	67	122	12	3660	<0.5	265	3	40	0.79	45	<20	<2	375	54.6	22	<5	2580	2.88	0.055

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000001.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478621	Drill Core	8	102	0.11	145	0.05	0.97	<0.01	0.32	<4	14	<2	24	2	2	4	0.9
1478622	Drill Core	9	110	1.43	222	0.05	1.04	<0.01	0.38	<4	7	<2	27	2	1	4	0.9
1478623	Rock	10	2	0.42	709	0.19	6.14	3.25	1.68	<4	47	<2	15	5	<1	6	<0.1
1478624	Drill Core	10	154	0.74	149	0.05	1.04	0.02	0.37	<4	7	<2	24	2	1	4	0.8
1478625	Drill Core	11	166	0.15	138	0.06	1.21	<0.01	0.44	<4	27	<2	28	3	2	5	1.0
1478626	Drill Core	11	141	0.13	111	0.06	1.17	<0.01	0.43	<4	17	<2	27	2	2	5	1.0
1478627	Drill Core	9	127	0.15	126	0.05	1.05	0.01	0.38	<4	4	<2	23	2	1	4	0.8
1478628	Drill Core	10	121	0.12	148	0.06	1.13	0.02	0.41	<4	23	<2	23	2	1	4	0.9
1478629	Drill Core	8	65	0.14	78	0.05	1.04	0.02	0.37	<4	22	<2	18	<2	1	4	0.8
1478630	Drill Core	10	101	0.13	86	0.07	1.27	0.01	0.46	<4	25	<2	22	3	1	4	0.9
1478631	Drill Core	7	90	0.15	128	0.06	1.23	0.01	0.44	<4	5	<2	21	2	1	4	0.7
1478632	Drill Core	8	133	0.13	132	0.06	1.29	0.02	0.46	<4	26	<2	22	3	2	5	0.8
1478633	Drill Core	10	152	0.13	128	0.07	1.39	0.02	0.51	<4	29	<2	24	3	2	5	1.0
1478634	Drill Core	8	125	0.12	59	0.07	1.37	0.02	0.49	<4	10	<2	24	3	2	5	1.1
1478635	Drill Core	10	174	0.12	142	0.07	1.32	0.03	0.50	<4	27	<2	24	3	1	5	1.0
1478636	Drill Core	10	142	0.18	94	0.08	1.52	0.03	0.57	<4	18	<2	30	3	2	6	1.1
1478637	Drill Core	9	146	0.15	97	0.08	1.55	0.03	0.59	<4	28	<2	29	3	2	5	1.2
1478638	Drill Core	9	121	0.14	127	0.07	1.38	0.02	0.51	<4	30	<2	26	3	2	5	1.1

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QUALITY CONTROL REPORT WHI19000001.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
Pulp Duplicates																					
1478506	Drill Core	0.99	55	68	9	470	<0.5	133	5	54	1.93	36	<20	5	132	12.2	14	<5	1131	0.86	0.047
REP 1478506	QC		56	70	9	480	<0.5	135	5	56	1.97	38	22	6	135	12.4	16	<5	1153	0.88	0.048
1478539	Drill Core	1.22	80	77	7	457	2.0	172	3	40	1.42	35	<20	<2	109	2.8	19	<5	1980	1.67	0.032
REP 1478539	QC		82	78	10	463	2.0	176	3	41	1.44	36	<20	<2	108	2.8	20	<5	2004	1.68	0.033
1478574	Drill Core	1.26	55	85	8	3012	2.3	356	4	103	1.82	35	<20	<2	54	30.5	24	<5	1724	1.06	0.017
REP 1478574	QC		55	88	8	3027	2.4	366	4	110	1.87	36	<20	3	56	30.8	24	<5	1774	1.10	0.017
1478609	Drill Core	1.08	13	267	7	946	<0.5	83	<2	73	0.70	60	57	3	3622	13.3	51	<5	925	10.39	0.266
REP 1478609	QC		13	279	10	990	<0.5	85	<2	77	0.73	64	79	<2	3955	13.7	50	<5	971	10.76	0.277
Core Reject Duplicates																					
1478522	Drill Core	1.06	60	42	13	47	0.6	37	<2	17	2.53	50	<20	6	129	<0.4	19	<5	848	2.12	0.022
DUP 1478522	QC		58	40	13	45	0.7	36	<2	17	2.52	50	<20	5	127	<0.4	19	<5	833	2.09	0.022
1478556	Drill Core	0.62	55	39	7	660	1.4	185	5	65	1.04	26	<20	<2	82	11.2	12	<5	1400	1.46	0.083
DUP 1478556	QC		55	39	8	613	1.5	179	5	59	0.99	27	<20	<2	84	10.5	13	<5	1411	1.42	0.083
1478590	Drill Core	1.20	38	155	6	2737	3.4	213	<2	44	0.68	41	104	<2	438	41.0	42	<5	1799	3.93	0.049
DUP 1478590	QC		38	144	6	2720	3.5	213	<2	43	0.67	38	102	<2	437	40.4	35	<5	1789	3.94	0.050
1478624	Drill Core	1.37	30	75	7	1978	<0.5	185	<2	218	0.64	29	<20	<2	554	32.1	9	<5	1351	3.97	0.057
DUP 1478624	QC		29	71	7	1955	<0.5	183	<2	222	0.57	28	<20	<2	561	31.9	7	<5	1307	4.05	0.058
Reference Materials																					
STD OREAS25A-4A	Standard		2	31	22	44	<0.5	47	7	482	6.38	9	<20	14	44	<0.4	7	<5	157	0.27	0.051
STD OREAS25A-4A	Standard		2	30	23	42	<0.5	43	6	436	6.02	9	<20	11	40	<0.4	<5	<5	151	0.23	0.047
STD OREAS25A-4A	Standard		3	29	23	43	0.9	44	5	480	6.57	10	<20	11	44	<0.4	<5	<5	150	0.26	0.049
STD OREAS25A-4A	Standard		2	31	22	43	<0.5	46	7	493	6.56	10	<20	9	44	<0.4	<5	<5	157	0.27	0.050
STD OREAS45E	Standard		<2	766	19	46	<0.5	466	59	541	22.23	14	<20	13	16	<0.4	<5	<5	325	0.06	0.036
STD OREAS45E	Standard		<2	739	16	46	<0.5	443	53	529	23.72	10	<20	9	14	<0.4	<5	<5	315	0.06	0.033
STD OREAS45E	Standard		3	773	18	46	2.1	484	56	550	25.15	18	<20	8	16	<0.4	<5	<5	325	0.06	0.035
STD OREAS45E	Standard		<2	763	14	43	0.9	454	56	552	23.05	14	<20	6	16	<0.4	<5	<5	314	0.06	0.034
STD OREAS45E Expected			2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9		1		322	0.065	0.034
STD OREAS25A-4A Expected			2.41	33.9	25.2	44.4		45.8	7.7	480	6.6	9.94	2.94	15.8	48.5		0.65		157	0.301	0.048

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: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: DV
Report Date: March 04, 2019

QUALITY CONTROL REPORT WHI19000001.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
Pulp Duplicates																	
1478506	Drill Core	20	55	0.30	912	0.17	3.65	0.05	1.11	<4	42	<2	20	5	2	9	0.6
REP 1478506	QC	21	65	0.31	890	0.17	3.72	0.05	1.14	<4	42	<2	20	5	2	9	0.6
1478539	Drill Core	15	76	0.23	629	0.15	2.73	0.04	0.91	<4	48	<2	17	4	2	7	1.7
REP 1478539	QC	14	78	0.23	622	0.15	2.75	0.04	0.93	<4	49	<2	18	5	2	7	1.8
1478574	Drill Core	9	82	0.19	511	0.11	2.12	0.03	0.73	<4	35	<2	17	3	<1	5	1.5
REP 1478574	QC	9	88	0.20	518	0.11	2.14	0.03	0.75	<4	36	<2	18	4	1	5	1.5
1478609	Drill Core	11	62	0.17	242	0.07	1.29	<0.01	0.33	<4	<2	<2	32	<2	1	5	0.3
REP 1478609	QC	12	61	0.18	259	0.07	1.35	<0.01	0.35	<4	<2	<2	34	<2	2	5	0.3
Core Reject Duplicates																	
1478522	Drill Core	19	67	0.43	1366	0.26	5.24	0.09	1.73	<4	68	<2	13	8	2	9	2.5
DUP 1478522	QC	18	67	0.42	1151	0.26	5.14	0.09	1.70	<4	66	<2	12	7	2	9	2.4
1478556	Drill Core	10	53	0.17	584	0.12	2.43	0.04	0.83	<4	44	<2	22	4	1	6	1.6
DUP 1478556	QC	10	49	0.18	556	0.12	2.42	0.04	0.83	<4	45	<2	22	4	1	6	1.5
1478590	Drill Core	14	121	0.23	119	0.06	1.18	0.04	0.44	<4	20	<2	30	<2	<1	4	1.0
DUP 1478590	QC	14	122	0.23	113	0.06	1.20	0.04	0.45	<4	11	<2	30	<2	<1	4	1.0
1478624	Drill Core	10	154	0.74	149	0.05	1.04	0.02	0.37	<4	7	<2	24	2	1	4	0.8
DUP 1478624	QC	10	149	0.77	172	0.05	1.01	0.02	0.37	<4	14	<2	24	2	1	4	0.8
Reference Materials																	
STD OREAS25A-4A	Standard	23	110	0.31	149	0.94	8.76	0.14	0.50	<4	155	5	11	19	<1	13	<0.1
STD OREAS25A-4A	Standard	18	107	0.28	139	0.88	8.08	0.11	0.49	<4	140	5	10	18	<1	11	<0.1
STD OREAS25A-4A	Standard	18	121	0.32	151	0.90	8.56	0.13	0.50	<4	150	4	9	19	<1	12	<0.1
STD OREAS25A-4A	Standard	19	116	0.31	156	0.92	8.79	0.14	0.50	<4	148	4	10	19	<1	13	<0.1
STD OREAS45E	Standard	11	1001	0.16	258	0.55	6.84	0.06	0.36	<4	122	<2	10	7	<1	93	<0.1
STD OREAS45E	Standard	7	993	0.14	236	0.52	6.48	0.04	0.34	<4	88	2	6	7	<1	83	<0.1
STD OREAS45E	Standard	11	1017	0.16	264	0.53	6.87	0.05	0.35	<4	97	2	8	8	<1	93	<0.1
STD OREAS45E	Standard	10	990	0.15	261	0.53	6.67	0.06	0.34	<4	96	<2	8	6	<1	90	<0.1
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32	8.28	6.8	0.62	93	0.046
STD OREAS25A-4A Expected		21.8	115	0.327	147	0.93	8.87	0.131	0.482	2	155	4.06	10.5	20.9	0.93	13.7	0.047

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Val d'Or Québec J9P 7H1 Canada

Project: DV
Report Date: March 04, 2019

QUALITY CONTROL REPORT WHI19000001.1

		WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
Prep Wash																					
ROCK-WHI	Prep Blank		3	4	<5	36	<0.5	<2	4	613	2.11	<5	<20	3	199	<0.4	<5	<5	37	1.49	0.042
ROCK-WHI	Prep Blank		<2	4	<5	34	<0.5	<2	4	595	2.00	<5	<20	3	196	<0.4	<5	<5	35	1.49	0.045

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QUALITY CONTROL REPORT WHI19000001.1

		MA300 La ppm 2	MA300 Cr ppm 2	MA300 Mg % 0.01	MA300 Ba ppm 1	MA300 Ti % 0.01	MA300 Al % 0.01	MA300 Na % 0.01	MA300 K % 0.01	MA300 W ppm 4	MA300 Zr ppm 2	MA300 Sn ppm 2	MA300 Y ppm 2	MA300 Nb ppm 2	MA300 Be ppm 1	MA300 Sc ppm 1	MA300 S % 0.1
BLK	Blank	<2	<2	<0.01	4	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	2	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	2	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
Prep Wash																	
ROCK-WHI	Prep Blank	11	4	0.49	1014	0.20	6.78	3.22	1.88	<4	49	<2	16	5	<1	7	<0.1
ROCK-WHI	Prep Blank	13	2	0.46	820	0.20	6.75	3.29	1.79	<4	50	<2	17	5	1	7	<0.1

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: January 03, 2019
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000002.1

CLIENT JOB INFORMATION

Project: DV
Shipment ID: DV18-1
P.O. Number
Number of Samples: 113

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return 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	110	Crush, split and pulverize 250 g rock to 200 mesh			WHI
PULSW	110	Extra Wash with Silica between each sample			WHI
SLBHP	3	Sort, label and box pulps			WHI
MA300	113	4 Acid digestion ICP-ES analysis	0.25	Completed	VAN
EN001-MA	113	Environmental disposal fee - Multi-acid neutralization			VAN
SHP01	113	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Breakaway Expl. Mgmt. Inc.
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1
Canada

CC: Marty Huber

CLAIRE HO
Special Projects Coordinator

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.

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000002.1

Method		WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478639	Drill Core	1.58	61	94	10	3778	2.4	233	3	48	0.81	39	36	<2	469	57.6	29	<5	2278	3.44	0.085
1478640	Drill Core	1.41	56	63	10	2510	1.8	214	3	43	0.82	31	30	2	269	37.0	19	<5	2099	2.00	0.017
1478641	Drill Core	1.39	43	131	7	1812	1.5	154	<2	106	0.65	30	29	<2	761	26.6	33	<5	1537	6.84	0.055
1478642	Drill Core	1.38	55	55	9	2108	1.5	203	2	96	0.67	27	29	<2	459	29.6	18	<5	1824	5.09	0.038
1478643	Drill Core	1.31	55	62	8	2292	1.7	218	3	52	0.80	30	28	<2	289	30.6	20	<5	2024	2.06	0.077
1478644	Drill Core	1.28	74	91	8	2693	2.0	240	2	44	0.85	39	35	<2	238	34.9	24	<5	2314	1.70	0.051
1478645	Drill Core	1.35	76	92	10	2748	2.0	227	3	46	0.88	37	35	<2	229	37.9	29	<5	2331	1.72	0.061
1478646	Drill Core	1.12	76	69	7	2021	1.7	225	3	42	0.84	32	33	<2	238	27.7	21	<5	2009	2.05	0.021
1478647	Drill Core	1.72	64	84	11	2559	2.2	232	3	44	0.89	33	35	<2	290	33.8	28	<5	2264	2.38	0.075
1478648	Drill Core	1.26	54	68	9	2269	2.1	214	3	40	0.85	31	27	<2	249	29.6	20	<5	2021	1.92	0.071
1478649	Drill Core	1.27	47	79	6	2567	1.5	164	<2	51	0.73	26	25	<2	312	34.3	25	<5	1588	2.46	0.059
1478650	Drill Core	1.34	60	93	8	3247	2.1	209	3	49	0.94	34	30	<2	240	42.2	27	<5	2083	1.48	0.048
1478651	Rock Pulp	0.08	64	2904	8	22	0.8	78	203	2450	14.59	116	39	6	97	<0.4	<5	<5	266	3.97	0.079
1478652	Drill Core	1.40	51	107	10	2395	2.2	207	3	63	0.97	38	35	2	274	30.8	31	<5	1983	2.46	0.063
1478653	Drill Core	1.43	64	108	10	2796	2.2	220	3	61	0.95	38	36	2	249	35.4	33	<5	2158	1.90	0.087
1478654	Drill Core	1.34	68	82	10	2217	1.9	221	3	45	0.92	35	35	<2	164	27.2	24	<5	2004	1.13	0.067
1478655	Drill Core	1.07	59	80	9	2455	2.1	209	3	54	1.01	34	33	<2	158	30.0	25	<5	1952	1.39	0.027
1478656	Drill Core	1.31	69	97	11	2250	2.5	225	4	52	1.11	41	36	2	165	27.6	33	<5	2069	1.30	0.068
1478657	Drill Core	1.35	75	73	9	1758	2.3	234	4	64	1.21	37	37	<2	159	20.9	23	<5	2087	1.23	0.057
1478658	Drill Core	1.03	88	164	10	2270	3.4	270	4	60	1.18	45	45	2	202	27.9	64	<5	2567	1.70	0.077
1478659	Drill Core	1.22	67	97	11	2372	2.6	211	4	74	1.10	38	39	2	344	28.2	37	<5	2238	2.42	0.063
1478660	Drill Core	1.23	69	67	10	1869	2.3	214	4	59	1.19	31	35	2	156	22.0	22	<5	2254	1.24	0.074
1478661	Drill Core	1.29	72	97	10	2132	2.5	224	4	57	1.11	36	45	<2	175	25.3	38	<5	2348	1.48	0.096
1478662	Drill Core	1.20	74	83	10	2225	2.2	222	4	63	1.09	36	36	<2	286	26.4	28	<5	2144	2.00	0.109
1478663	Drill Core	1.38	81	76	12	2019	2.2	240	5	56	1.17	37	39	2	194	23.5	27	<5	2329	1.36	0.134
1478664	Drill Core	1.26	94	95	11	1916	2.8	292	5	67	1.39	39	45	2	152	22.1	38	<5	2644	1.17	0.067
1478665	Drill Core	1.00	92	83	12	1974	2.7	287	6	80	1.44	39	50	2	239	22.7	32	<5	2690	1.59	0.161
1478666	Rock	0.68	<2	<2	<5	34	<0.5	<2	4	597	1.99	<5	<20	2	203	<0.4	<5	<5	36	1.55	0.042
1478667	Drill Core	1.38	89	72	15	1603	<0.5	304	6	102	1.58	45	27	<2	181	17.5	10	<5	2533	1.66	0.092
1478668	Drill Core	1.54	64	58	9	1056	<0.5	212	5	428	1.12	36	26	<2	475	12.0	12	<5	1781	7.43	0.064

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CERTIFICATE OF ANALYSIS WHI19000002.1

		Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
		Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478639	Drill Core		14	86	0.15	209	0.07	1.29	0.04	0.45	<4	27	<2	27	<2	2	5	1.0
1478640	Drill Core		13	91	0.13	133	0.06	1.21	0.04	0.42	<4	24	<2	23	<2	1	4	0.9
1478641	Drill Core		9	43	0.53	163	0.04	0.85	0.04	0.29	<4	24	<2	27	<2	<1	4	0.6
1478642	Drill Core		13	55	0.28	139	0.05	0.99	0.05	0.34	<4	23	<2	19	<2	1	4	0.8
1478643	Drill Core		11	68	0.14	125	0.06	1.08	0.04	0.37	<4	22	<2	24	<2	1	4	0.8
1478644	Drill Core		13	78	0.13	127	0.06	1.18	0.04	0.40	<4	27	<2	26	<2	2	4	1.0
1478645	Drill Core		12	64	0.13	108	0.06	1.23	0.04	0.41	<4	26	<2	25	<2	2	4	1.0
1478646	Drill Core		15	47	0.12	125	0.06	1.25	0.04	0.43	<4	25	<2	23	<2	1	4	1.0
1478647	Drill Core		13	64	0.14	168	0.07	1.41	0.05	0.50	<4	28	<2	24	2	2	4	1.1
1478648	Drill Core		14	77	0.12	144	0.07	1.39	0.06	0.48	<4	28	<2	25	<2	2	5	1.0
1478649	Drill Core		10	39	0.11	177	0.05	0.95	0.04	0.32	<4	21	<2	20	<2	1	3	0.8
1478650	Drill Core		13	95	0.12	145	0.07	1.29	0.05	0.44	<4	28	<2	24	<2	2	4	1.0
1478651	Rock Pulp		77	43	1.19	439	0.44	5.72	1.34	3.53	47	135	6	23	5	1	17	0.9
1478652	Drill Core		15	80	0.14	95	0.07	1.43	0.07	0.50	<4	31	<2	26	2	2	5	1.0
1478653	Drill Core		11	75	0.15	102	0.08	1.48	0.06	0.51	<4	31	<2	29	2	2	5	1.1
1478654	Drill Core		12	61	0.13	212	0.07	1.40	0.06	0.49	<4	31	<2	26	2	2	5	1.1
1478655	Drill Core		15	56	0.13	135	0.08	1.43	0.07	0.50	<4	29	<2	24	2	2	5	1.1
1478656	Drill Core		13	55	0.17	179	0.09	1.80	0.08	0.66	<4	35	<2	29	3	2	5	1.2
1478657	Drill Core		13	60	0.19	326	0.10	1.92	0.09	0.70	<4	35	<2	28	3	2	6	1.3
1478658	Drill Core		13	102	0.20	220	0.11	2.06	0.10	0.74	<4	39	<2	30	3	2	6	1.4
1478659	Drill Core		13	76	0.27	86	0.10	1.96	0.10	0.73	<4	35	<2	27	3	2	6	1.3
1478660	Drill Core		12	65	0.24	228	0.10	2.04	0.10	0.74	<4	36	<2	27	3	2	6	1.3
1478661	Drill Core		13	56	0.21	169	0.10	2.00	0.10	0.73	<4	36	<2	27	3	2	5	1.3
1478662	Drill Core		11	50	0.23	107	0.10	1.83	0.09	0.66	<4	34	<2	31	3	2	5	1.3
1478663	Drill Core		14	59	0.26	252	0.11	2.09	0.11	0.77	<4	39	<2	32	3	2	5	1.4
1478664	Drill Core		13	69	0.29	261	0.13	2.32	0.13	0.85	<4	42	<2	33	4	2	6	1.6
1478665	Drill Core		11	68	0.37	267	0.14	2.60	0.14	0.97	<4	46	<2	37	4	3	6	1.6
1478666	Rock		12	<2	0.45	856	0.20	6.81	3.48	1.91	<4	49	<2	16	5	<1	7	<0.1
1478667	Drill Core		9	57	0.49	568	0.14	2.75	0.11	1.10	<4	50	<2	36	5	3	7	1.7
1478668	Drill Core		7	35	3.87	355	0.11	2.11	0.10	0.86	<4	37	<2	27	4	2	6	1.3

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000002.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478669	Drill Core	1.38	91	75	15	1747	<0.5	290	6	87	1.54	43	21	<2	193	20.4	12	<5	2505	1.55	0.120
1478670	Drill Core	1.35	97	78	16	1462	<0.5	292	6	105	1.45	46	26	<2	174	17.7	14	<5	2509	1.94	0.068
1478671	Drill Core	1.11	79	132	16	2524	<0.5	264	5	56	1.17	47	23	<2	144	31.2	31	<5	2660	1.08	0.054
1478672	Drill Core	0.90	79	132	14	2253	<0.5	259	4	53	1.10	45	27	<2	102	27.1	29	<5	2623	0.99	0.057
1478673	Drill Core	1.09	73	99	15	2599	<0.5	235	5	76	1.22	43	<20	<2	226	34.3	14	<5	2532	1.96	0.077
1478674	Drill Core	1.29	68	82	13	2462	<0.5	223	4	80	1.14	40	33	<2	351	32.9	9	<5	2507	2.77	0.045
1478675	Drill Core	1.35	74	107	15	3391	<0.5	252	6	60	1.13	47	21	<2	133	46.1	14	<5	2880	1.41	0.053
1478676	Drill Core	1.09	79	113	17	3531	<0.5	265	6	95	1.43	52	<20	<2	225	50.2	17	<5	3062	2.53	0.059
1478677	Drill Core	0.61	76	112	18	3786	<0.5	274	6	90	1.34	51	25	<2	233	52.5	13	<5	3174	2.47	0.053
1478678	Drill Core	1.59	76	86	15	2929	<0.5	243	6	101	1.28	46	<20	<2	207	41.8	11	<5	2750	2.72	0.058
1478679	Drill Core	1.14	68	80	14	3221	<0.5	230	5	64	1.13	42	22	<2	195	46.0	7	<5	2637	2.22	0.035
1478680	Drill Core	0.59	68	97	16	3558	<0.5	235	5	60	1.09	46	<20	<2	282	53.3	15	<5	2806	3.13	0.046
1478681	Drill Core	1.36	57	131	21	3411	<0.5	239	6	78	1.36	53	26	<2	230	59.8	27	<5	2975	2.64	0.106
1478682	Drill Core	2.04	40	96	13	2203	<0.5	183	5	84	1.16	43	<20	<2	332	41.2	20	<5	1973	3.42	0.099
1478683	Drill Core	1.26	36	118	10	2361	3.7	197	5	78	1.10	41	24	2	358	47.7	48	<5	1832	3.59	0.085
1478684	Drill Core	1.53	41	119	13	2618	3.7	208	5	75	1.20	41	33	<2	423	55.5	41	<5	2027	4.23	0.113
1478685	Drill Core	1.46	49	122	14	2893	3.8	221	5	60	1.06	42	35	2	358	59.4	36	<5	2558	3.49	0.092
1478686	Drill Core	1.60	52	119	13	2974	3.0	223	5	63	1.10	40	35	2	343	59.5	33	<5	2528	3.24	0.104
1478687	Rock Pulp	0.08	62	2812	7	23	<0.5	78	201	2407	15.98	111	51	10	81	<0.4	<5	<5	262	4.03	0.074
1478688	Drill Core	0.90	39	131	17	2489	<0.5	202	5	68	1.08	43	24	<2	405	47.2	21	<5	2265	4.13	0.065
1478689	Drill Core	1.39	39	103	12	2315	<0.5	186	5	69	1.08	39	27	<2	446	43.5	13	<5	2127	4.64	0.104
1478690	Drill Core	1.39	42	110	13	2417	<0.5	195	5	68	1.04	43	<20	<2	359	42.5	14	<5	2237	3.57	0.071
1478691	Drill Core	1.55	58	135	18	3304	<0.5	232	6	52	1.04	49	<20	<2	253	57.2	11	<5	2771	2.50	0.074
1478692	Drill Core	1.25	53	142	16	3185	<0.5	246	6	51	1.28	50	<20	<2	266	55.5	15	<5	2868	2.55	0.097
1478693	Drill Core	1.35	56	113	20	2105	<0.5	219	8	71	1.49	50	<20	<2	213	37.6	18	<5	2361	2.29	0.088
1478694	Drill Core	1.35	41	122	15	2328	<0.5	236	8	47	1.34	47	<20	<2	144	39.9	19	<5	2183	0.95	0.104
1478695	Drill Core	0.60	<2	3	<5	33	<0.5	<2	4	564	2.00	<5	<20	<2	191	<0.4	<5	<5	42	1.46	0.042
1478696	Drill Core	1.31	33	93	15	1833	<0.5	216	6	49	1.30	38	<20	<2	117	31.0	11	<5	1729	0.86	0.121
1478697	Drill Core	1.37	43	116	19	2265	1.0	227	12	72	1.66	54	<20	<2	215	36.2	13	<5	1908	1.83	0.142
1478698	Drill Core	1.30	55	175	18	3646	<0.5	246	7	45	1.26	58	<20	<2	93	57.7	24	<5	2831	0.74	0.053

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		Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
		Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478669	Drill Core		6	57	0.41	439	0.15	2.77	0.12	1.08	<4	49	<2	32	5	2	6	1.7
1478670	Drill Core		8	52	0.60	272	0.13	2.54	0.11	1.01	<4	46	<2	31	5	2	7	1.7
1478671	Drill Core		7	56	0.31	405	0.11	2.19	0.09	0.86	<4	39	<2	29	4	2	5	1.5
1478672	Drill Core		6	67	0.33	380	0.11	2.10	0.08	0.79	<4	36	<2	26	4	2	5	1.4
1478673	Drill Core		7	76	0.43	143	0.11	2.09	0.09	0.84	<4	38	<2	26	4	2	6	1.5
1478674	Drill Core		7	71	0.39	139	0.11	2.11	0.08	0.83	<4	35	<2	29	4	2	6	1.3
1478675	Drill Core		7	74	0.37	454	0.12	2.28	0.09	0.89	<4	41	<2	29	4	2	6	1.5
1478676	Drill Core		7	88	0.64	320	0.14	2.60	0.11	1.05	<4	45	<2	34	5	3	7	1.7
1478677	Drill Core		8	89	0.61	326	0.14	2.69	0.11	1.06	<4	46	<2	35	5	3	7	1.7
1478678	Drill Core		8	64	0.66	209	0.13	2.42	0.10	0.95	<4	40	<2	29	4	2	6	1.5
1478679	Drill Core		6	56	0.36	185	0.12	2.30	0.09	0.88	<4	37	<2	26	4	2	6	1.4
1478680	Drill Core		7	65	0.40	144	0.12	2.29	0.09	0.86	<4	37	<2	29	4	2	6	1.4
1478681	Drill Core		7	85	0.43	214	0.14	2.64	0.11	1.03	<4	44	<2	35	5	2	7	1.6
1478682	Drill Core		7	92	0.41	103	0.11	2.26	0.10	0.88	<4	37	<2	28	4	2	6	1.3
1478683	Drill Core		16	109	0.44	43	0.11	2.24	0.12	0.85	<4	36	<2	32	3	2	6	1.3
1478684	Drill Core		12	116	0.33	69	0.11	2.28	0.13	0.88	<4	39	<2	40	3	2	7	1.4
1478685	Drill Core		16	126	0.26	67	0.12	2.46	0.13	0.92	<4	41	<2	40	4	2	6	1.3
1478686	Drill Core		16	98	0.26	67	0.11	2.26	0.13	0.84	<4	37	<2	37	3	2	7	1.3
1478687	Rock Pulp		69	37	1.16	515	0.41	5.64	1.33	3.04	44	128	4	22	4	1	16	0.9
1478688	Drill Core		10	95	0.24	150	0.10	2.08	0.09	0.80	<4	35	<2	36	4	2	6	1.3
1478689	Drill Core		10	94	0.21	148	0.10	1.95	0.09	0.74	<4	35	<2	35	3	2	6	1.3
1478690	Drill Core		10	97	0.24	132	0.10	2.01	0.08	0.74	<4	35	<2	37	3	2	6	1.2
1478691	Drill Core		11	140	0.22	148	0.11	2.22	0.09	0.84	<4	40	<2	39	4	2	7	1.4
1478692	Drill Core		12	147	0.22	191	0.11	2.22	0.08	0.84	<4	39	<2	43	4	2	6	1.6
1478693	Drill Core		10	72	0.27	251	0.12	2.38	0.12	0.95	<4	39	<2	37	3	2	7	1.8
1478694	Drill Core		12	163	0.23	532	0.12	2.29	0.10	0.88	<4	40	<2	40	4	2	6	1.7
1478695	Drill Core		10	<2	0.48	779	0.20	6.38	3.29	1.56	<4	49	<2	15	5	<1	6	<0.1
1478696	Drill Core		9	165	0.25	528	0.11	2.16	0.11	0.83	<4	38	<2	37	4	2	6	1.6
1478697	Drill Core		9	148	0.26	283	0.11	2.24	0.10	0.85	<4	38	<2	38	4	2	6	2.0
1478698	Drill Core		8	109	0.27	591	0.12	2.37	0.09	0.89	<4	42	<2	36	4	2	6	1.6

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	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478699	Drill Core	1.43	59	140	20	4345	<0.5	231	6	49	1.16	57	<20	<2	148	66.2	11	<5	2689	1.16	0.057
1478700	Drill Core	1.11	71	161	22	4392	<0.5	253	7	50	1.40	63	<20	<2	179	66.1	15	<5	2613	1.44	0.158
1478701	Drill Core	1.11	57	145	16	3968	4.3	220	6	53	1.27	54	34	<2	218	61.4	30	<5	2259	1.64	0.191
1478702	Drill Core	1.40	55	227	14	3775	4.6	225	6	65	1.25	63	29	3	228	57.4	60	<5	2263	1.87	0.175
1478703	Drill Core	1.82	21	87	10	1036	3.6	189	5	120	1.36	28	<20	<2	411	16.6	18	<5	1147	4.04	0.561
1478704	Drill Core	1.49	15	80	9	708	3.2	180	6	119	1.50	21	<20	2	449	11.2	17	<5	951	4.70	0.583
1478705	Drill Core	1.13	13	79	7	698	2.9	169	6	149	1.48	22	<20	<2	492	10.5	18	<5	838	5.00	0.624
1478706	Drill Core	1.51	14	84	10	721	4.0	175	6	120	1.74	24	<20	2	361	11.0	20	<5	815	4.24	0.633
1478707	Drill Core	1.30	13	63	9	629	2.8	160	5	136	1.40	20	<20	2	520	9.6	15	<5	738	5.45	0.762
1478708	Drill Core	1.56	11	85	9	536	2.8	136	5	165	1.55	24	<20	<2	538	8.0	29	<5	671	6.52	0.621
1478709	Drill Core	0.79	10	79	8	504	2.7	132	5	160	1.46	24	<20	<2	479	7.6	26	<5	631	6.20	0.590
1478710	Drill Core	1.37	16	76	9	686	3.0	167	6	131	1.97	27	<20	2	332	10.1	19	<5	841	4.24	0.472
1478711	Drill Core	1.38	34	83	14	1406	2.8	206	8	127	1.72	35	24	3	248	19.8	25	<5	1606	4.33	0.138
1478712	Drill Core	1.10	53	94	19	1766	2.8	217	9	129	2.12	46	32	3	182	24.1	32	<5	1856	4.00	0.139
1478713	Drill Core	1.33	59	98	18	1693	2.9	223	8	134	1.73	48	27	2	411	22.8	33	<5	1794	7.19	0.147
1478714	Drill Core	1.28	52	92	14	1758	3.1	235	8	129	1.66	44	27	3	210	23.6	22	<5	1830	4.23	0.126
1478715	Drill Core	1.32	43	119	13	1760	2.9	225	7	97	1.62	44	31	2	311	23.1	33	<5	1956	3.93	0.157
1478716	Drill Core	1.18	34	94	12	1551	2.8	216	7	120	1.57	37	26	<2	470	20.2	23	<5	1469	5.22	0.279
1478717	Drill Core	0.57	37	122	13	1515	3.0	234	7	104	1.76	40	28	3	276	19.2	37	<5	1726	4.37	0.153
1478718	Drill Core	0.81	46	123	13	1699	3.2	238	7	102	1.71	42	32	3	248	20.3	36	<5	1731	3.88	0.151
1478719	Drill Core	0.50	18	100	8	983	2.9	219	6	101	1.58	30	<20	<2	372	11.9	25	<5	836	4.50	0.540
1478720	Drill Core	0.55	10	106	9	757	2.5	192	6	126	1.52	27	<20	2	434	8.9	30	<5	427	4.91	0.804
1478721	Drill Core	1.61	5	102	7	590	2.4	168	5	166	1.49	27	<20	<2	575	6.0	28	<5	253	6.52	0.685
1478722	Drill Core	1.77	7	107	9	710	2.6	196	6	129	1.98	31	<20	<2	247	6.1	24	<5	231	4.07	0.545
1478723	Rock Pulp	0.08	62	2828	7	21	0.8	76	197	2382	14.33	108	23	6	86	<0.4	5	<5	256	3.85	0.077
1478724	Drill Core	1.43	12	132	11	951	2.8	254	7	101	2.31	37	<20	<2	223	8.5	29	<5	369	2.22	0.304
1478725	Drill Core	1.34	35	170	12	1491	2.4	309	6	93	1.65	41	26	2	437	14.5	32	<5	1112	5.42	0.398
1478726	Drill Core	1.41	78	228	13	2122	2.2	299	5	117	1.36	45	38	3	347	24.7	38	<5	1760	7.02	0.046
1478727	Drill Core	1.39	82	98	11	1074	1.6	259	5	118	1.34	35	34	3	406	13.6	23	<5	1249	6.91	0.042
1478728	Drill Core	1.18	85	84	14	949	1.5	275	5	97	1.50	37	38	<2	302	12.7	21	<5	1234	5.63	0.068

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Method		MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
Analyte		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
Unit		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478699	Drill Core	6	115	0.23	356	0.12	2.30	0.09	0.86	<4	38	<2	28	4	2	6	1.5
1478700	Drill Core	6	112	0.26	475	0.13	2.56	0.10	1.00	<4	44	<2	30	5	2	6	1.8
1478701	Drill Core	9	140	0.26	299	0.13	2.50	0.14	0.93	<4	40	<2	36	4	2	6	1.6
1478702	Drill Core	11	105	0.36	277	0.13	2.59	0.13	0.98	<4	42	<2	35	4	2	6	1.6
1478703	Drill Core	9	140	0.63	194	0.13	2.75	0.11	1.05	<4	7	<2	44	4	2	6	1.4
1478704	Drill Core	7	114	0.73	254	0.16	3.24	0.11	1.23	<4	47	<2	40	5	2	7	1.6
1478705	Drill Core	9	116	1.20	239	0.15	3.07	0.13	1.17	<4	47	<2	43	5	2	7	1.5
1478706	Drill Core	8	152	1.01	250	0.18	3.49	0.14	1.36	<4	54	<2	43	6	2	8	1.7
1478707	Drill Core	9	175	1.40	193	0.14	2.88	0.13	1.12	<4	19	<2	43	4	2	7	1.5
1478708	Drill Core	7	153	1.76	219	0.15	3.10	0.14	1.20	<4	50	<2	33	5	1	7	1.5
1478709	Drill Core	5	148	1.67	229	0.14	2.97	0.13	1.14	<4	48	<2	31	4	1	6	1.4
1478710	Drill Core	6	130	1.50	245	0.18	3.62	0.17	1.38	<4	53	<2	36	6	2	8	2.0
1478711	Drill Core	8	113	1.61	314	0.20	3.85	0.18	1.50	<4	58	<2	40	6	3	8	1.8
1478712	Drill Core	8	87	1.63	307	0.21	4.15	0.20	1.56	<4	63	<2	44	7	3	9	2.3
1478713	Drill Core	8	86	1.44	261	0.19	3.60	0.18	1.41	<4	58	<2	41	6	2	10	1.9
1478714	Drill Core	9	123	1.65	281	0.20	3.84	0.20	1.50	<4	64	<2	45	6	2	9	1.8
1478715	Drill Core	10	133	1.06	263	0.17	3.32	0.18	1.28	<4	57	<2	42	5	2	7	1.9
1478716	Drill Core	11	152	1.36	230	0.17	3.27	0.18	1.29	<4	58	<2	46	6	2	9	1.8
1478717	Drill Core	11	221	1.35	244	0.17	3.37	0.18	1.33	<4	60	<2	50	5	3	8	2.0
1478718	Drill Core	9	190	1.04	350	0.19	3.65	0.19	1.41	<4	63	<2	43	6	3	8	1.9
1478719	Drill Core	7	176	1.23	242	0.17	3.45	0.17	1.36	<4	57	<2	42	5	2	8	1.8
1478720	Drill Core	8	161	1.66	290	0.15	3.19	0.18	1.27	<4	50	<2	33	5	1	7	1.6
1478721	Drill Core	6	146	2.01	227	0.13	2.89	0.16	1.20	<4	47	<2	32	4	1	6	1.5
1478722	Drill Core	5	124	1.69	221	0.16	3.60	0.25	1.46	<4	53	<2	40	5	2	8	2.1
1478723	Rock Pulp	63	40	1.16	503	0.42	5.64	1.32	3.08	45	132	5	23	5	1	17	0.9
1478724	Drill Core	8	283	1.16	409	0.20	4.18	0.30	1.68	<4	68	2	42	7	2	8	2.4
1478725	Drill Core	9	278	1.13	262	0.18	3.65	0.17	1.50	<4	77	<2	51	6	3	9	2.0
1478726	Drill Core	11	112	2.17	277	0.14	2.89	0.14	1.19	<4	69	<2	42	6	2	6	1.8
1478727	Drill Core	11	62	1.89	220	0.13	2.71	0.14	1.11	<4	64	<2	41	6	2	6	1.7
1478728	Drill Core	11	58	1.38	233	0.13	2.81	0.14	1.16	<4	70	<2	40	6	2	6	1.8

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Project: DV
Report Date: March 04, 2019

CERTIFICATE OF ANALYSIS WHI19000002.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478729	Drill Core	1.17	82	125	14	1511	1.7	278	5	87	1.43	39	37	<2	305	21.4	28	<5	1401	5.46	0.085
1478730	Drill Core	1.09	83	105	12	1453	1.7	284	5	91	1.20	39	35	2	329	20.1	27	<5	1348	5.95	0.036
1478731	Rock	0.66	<2	2	<5	33	<0.5	<2	4	591	2.02	<5	<20	<2	218	<0.4	<5	<5	36	1.62	0.045
1478732	Drill Core	1.23	82	69	9	760	1.3	265	5	108	1.21	29	40	<2	375	10.6	17	<5	992	6.85	0.027
1478733	Drill Core	1.40	64	51	10	443	1.0	202	4	173	1.24	23	35	<2	575	6.4	13	<5	933	9.23	0.064
1478734	Drill Core	1.31	85	63	12	629	1.1	239	5	95	1.33	26	39	<2	383	9.1	18	<5	1090	6.82	0.037
1478735	Drill Core	1.27	88	51	10	625	1.0	244	5	97	1.24	26	39	3	422	9.0	12	<5	1125	7.00	0.020
1478736	Drill Core	1.21	81	182	10	649	1.2	236	4	166	1.29	35	120	5	583	9.2	28	<5	1239	8.48	0.088
1478737	Drill Core	1.35	84	49	13	572	1.2	246	5	104	1.65	30	111	<2	436	8.1	8	<5	1215	7.20	0.048
1478738	Drill Core	0.98	80	60	8	633	1.2	230	4	92	1.24	26	107	<2	454	8.8	11	<5	1242	6.88	0.032
1478739	Drill Core	1.10	82	52	10	658	1.2	236	4	86	1.20	25	116	3	402	9.0	5	<5	1369	5.95	0.036
1478740	Drill Core	0.60	81	76	9	641	1.2	232	4	84	1.22	27	129	4	405	8.9	16	<5	1358	6.06	0.049
1478741	Drill Core	1.21	84	54	10	885	1.5	240	4	80	1.04	26	126	<2	400	12.1	6	<5	1542	5.53	0.024
1478742	Drill Core	1.13	83	57	10	955	1.3	226	4	83	1.05	29	109	7	397	13.3	7	<5	1532	5.60	0.028
1478743	Drill Core	1.43	70	73	7	1025	1.3	207	3	151	1.12	33	104	<2	614	14.1	13	<5	1381	8.00	0.018
1478744	Drill Core	0.76	92	88	11	1406	2.7	263	4	79	1.09	36	123	<2	456	18.3	18	<5	1776	6.34	0.024
1478745	Drill Core	0.95	75	90	8	1268	1.7	242	4	75	1.12	35	116	3	438	16.6	19	<5	1587	5.83	0.024
1478746	Drill Core	1.32	64	27	8	122	<0.5	152	7	237	1.93	20	32	6	226	1.4	6	<5	336	5.76	0.051
1478747	Drill Core	1.30	52	22	7	92	<0.5	127	6	439	1.39	15	71	3	721	1.1	<5	<5	277	8.57	0.060
1478748	Drill Core	1.38	79	32	9	142	0.5	168	7	289	1.68	21	106	<2	579	1.7	<5	<5	415	5.94	0.055
1478749	Drill Core	1.14	89	42	8	266	0.8	195	7	111	1.71	23	119	<2	335	2.9	6	<5	699	3.32	0.061
1478750	Drill Core	1.18	90	42	8	392	0.8	208	8	126	1.53	23	68	2	251	4.2	<5	<5	841	3.07	0.083
1478751	Drill Core	0.90	78	48	8	401	0.9	179	8	156	1.71	25	113	5	463	4.6	<5	<5	1035	4.74	0.112

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CERTIFICATE OF ANALYSIS WHI19000002.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478729	Drill Core	10	76	1.38	264	0.14	2.87	0.14	1.18	<4	73	<2	39	7	2	6	1.8
1478730	Drill Core	12	89	1.51	210	0.13	2.70	0.14	1.10	<4	67	<2	39	6	2	6	1.6
1478731	Rock	11	<2	0.47	842	0.20	6.84	3.33	1.60	<4	52	<2	17	5	1	7	<0.1
1478732	Drill Core	9	72	1.73	227	0.13	2.52	0.13	1.06	<4	63	<2	37	6	2	5	1.5
1478733	Drill Core	10	54	3.23	300	0.11	2.30	0.11	0.95	<4	55	<2	34	6	1	5	1.4
1478734	Drill Core	10	70	1.65	249	0.13	2.68	0.14	1.08	<4	61	<2	34	7	2	5	1.6
1478735	Drill Core	12	70	1.47	230	0.14	2.66	0.15	1.08	<4	66	<2	35	8	2	5	1.5
1478736	Drill Core	15	65	2.57	123	0.14	2.72	0.12	1.08	<4	80	<2	40	18	1	5	1.4
1478737	Drill Core	10	68	1.40	98	0.15	2.75	0.14	1.11	<4	63	<2	36	8	2	5	1.9
1478738	Drill Core	10	66	1.24	98	0.14	2.49	0.13	1.01	<4	55	<2	34	6	1	5	1.4
1478739	Drill Core	11	70	1.10	97	0.14	2.49	0.13	1.01	<4	56	<2	32	6	2	5	1.4
1478740	Drill Core	10	69	1.17	98	0.13	2.48	0.13	0.99	<4	55	<2	33	6	1	5	1.4
1478741	Drill Core	10	73	1.03	103	0.14	2.38	0.13	0.95	<4	53	<2	28	6	2	5	1.3
1478742	Drill Core	11	69	1.05	97	0.12	2.22	0.11	0.88	<4	51	<2	31	5	1	4	1.3
1478743	Drill Core	11	61	2.15	116	0.12	2.05	0.09	0.81	<4	52	<2	30	7	1	4	1.3
1478744	Drill Core	11	84	0.99	113	0.14	2.50	0.11	0.97	<4	62	<2	37	7	2	5	1.3
1478745	Drill Core	11	75	0.88	91	0.12	2.16	0.10	0.84	<4	50	<2	34	6	1	4	1.4
1478746	Drill Core	6	36	3.18	104	0.20	3.60	0.14	1.43	<4	56	2	29	9	2	6	1.5
1478747	Drill Core	6	32	4.42	115	0.15	2.89	0.07	1.16	<4	44	<2	22	5	1	5	1.0
1478748	Drill Core	7	44	2.32	89	0.19	3.50	0.15	1.40	<4	53	<2	30	8	2	6	1.3
1478749	Drill Core	8	55	1.19	90	0.21	3.56	0.19	1.44	<4	57	<2	34	9	2	6	1.5
1478750	Drill Core	9	61	1.40	95	0.22	3.76	0.24	1.55	<4	61	2	32	8	2	6	1.3
1478751	Drill Core	5	76	1.57	89	0.25	4.40	0.24	1.72	<4	64	<2	39	9	2	8	1.4

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QUALITY CONTROL REPORT WHI19000002.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
Pulp Duplicates																					
1478650	Drill Core	1.34	60	93	8	3247	2.1	209	3	49	0.94	34	30	<2	240	42.2	27	<5	2083	1.48	0.048
REP 1478650	QC		61	94	10	3279	2.1	208	3	47	0.91	35	35	2	242	42.3	28	<5	2091	1.49	0.048
1478719	Drill Core	0.50	18	100	8	983	2.9	219	6	101	1.58	30	<20	<2	372	11.9	25	<5	836	4.50	0.540
REP 1478719	QC		17	97	7	952	2.8	216	6	98	1.53	29	<20	3	364	11.4	24	<5	810	4.37	0.523
1478744	Drill Core	0.76	92	88	11	1406	2.7	263	4	79	1.09	36	123	<2	456	18.3	18	<5	1776	6.34	0.024
REP 1478744	QC		92	89	11	1408	2.6	265	4	79	1.09	37	120	<2	457	18.3	17	<5	1778	6.22	0.024
Core Reject Duplicates																					
1478657	Drill Core	1.35	75	73	9	1758	2.3	234	4	64	1.21	37	37	<2	159	20.9	23	<5	2087	1.23	0.057
DUP 1478657	QC		74	71	9	1712	2.2	228	4	61	1.17	36	32	<2	148	20.5	22	<5	2040	1.18	0.054
1478691	Drill Core	1.55	58	135	18	3304	<0.5	232	6	52	1.04	49	<20	<2	253	57.2	11	<5	2771	2.50	0.074
DUP 1478691	QC		56	114	15	3349	<0.5	227	5	42	0.87	38	23	<2	257	56.7	8	<5	2541	2.47	0.053
1478725	Drill Core	1.34	35	170	12	1491	2.4	309	6	93	1.65	41	26	2	437	14.5	32	<5	1112	5.42	0.398
DUP 1478725	QC		35	175	11	1489	2.4	309	6	93	1.68	42	30	2	441	14.5	34	<5	1131	5.54	0.408
Reference Materials																					
STD OREAS25A-4A	Standard		2	33	26	46	<0.5	48	8	501	6.66	10	<20	14	46	<0.4	6	<5	161	0.28	0.054
STD OREAS25A-4A	Standard		2	33	26	46	<0.5	49	8	513	6.74	11	<20	14	47	<0.4	7	<5	168	0.29	0.055
STD OREAS25A-4A	Standard		3	31	25	44	<0.5	46	5	480	6.63	11	<20	11	43	<0.4	<5	<5	156	0.24	0.050
STD OREAS25A-4A	Standard		2	32	26	45	<0.5	45	8	458	6.34	9	<20	10	42	<0.4	<5	<5	157	0.25	0.048
STD OREAS25A-4A	Standard		<2	36	28	48	<0.5	44	6	466	6.24	9	<20	14	45	<0.4	6	<5	147	0.31	0.048
STD OREAS45E	Standard		<2	766	19	46	<0.5	461	60	533	22.39	15	<20	7	14	<0.4	<5	<5	322	0.05	0.036
STD OREAS45E	Standard		<2	794	18	47	<0.5	476	61	558	23.36	15	<20	11	16	<0.4	<5	<5	334	0.06	0.037
STD OREAS45E	Standard		3	787	23	47	<0.5	487	56	558	24.97	17	<20	9	16	<0.4	<5	<5	329	0.06	0.035
STD OREAS45E	Standard		2	755	23	50	<0.5	457	57	539	24.35	11	<20	8	14	<0.4	<5	<5	323	0.06	0.034
STD OREAS45E Expected			2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9		1		322	0.065	0.034
STD OREAS25A-4A Expected			2.41	33.9	25.2	44.4		45.8	7.7	480	6.6	9.94	2.94	15.8	48.5		0.65		157	0.301	0.048
BLK	Blank		<2	2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002

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	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
Pulp Duplicates																	
1478650	Drill Core	13	95	0.12	145	0.07	1.29	0.05	0.44	<4	28	<2	24	<2	2	4	1.0
REP 1478650	QC	14	80	0.12	126	0.07	1.30	0.05	0.44	<4	28	<2	24	<2	2	4	1.0
1478719	Drill Core	7	176	1.23	242	0.17	3.45	0.17	1.36	<4	57	<2	42	5	2	8	1.8
REP 1478719	QC	6	178	1.19	263	0.16	3.33	0.16	1.32	<4	56	<2	41	5	2	8	1.7
1478744	Drill Core	11	84	0.99	113	0.14	2.50	0.11	0.97	<4	62	<2	37	7	2	5	1.3
REP 1478744	QC	11	63	0.97	100	0.14	2.45	0.11	0.97	<4	62	<2	38	7	2	5	1.3
Core Reject Duplicates																	
1478657	Drill Core	13	60	0.19	326	0.10	1.92	0.09	0.70	<4	35	<2	28	3	2	6	1.3
DUP 1478657	QC	11	73	0.19	189	0.09	1.87	0.09	0.69	<4	34	<2	27	3	2	5	1.2
1478691	Drill Core	11	140	0.22	148	0.11	2.22	0.09	0.84	<4	40	<2	39	4	2	7	1.4
DUP 1478691	QC	12	121	0.21	168	0.10	2.24	0.09	0.81	<4	38	<2	39	4	2	6	1.2
1478725	Drill Core	9	278	1.13	262	0.18	3.65	0.17	1.50	<4	77	<2	51	6	3	9	2.0
DUP 1478725	QC	9	282	1.14	265	0.18	3.70	0.17	1.49	<4	77	<2	51	6	3	9	2.0
Reference Materials																	
STD OREAS25A-4A	Standard	20	113	0.32	157	0.93	9.15	0.14	0.52	<4	162	6	11	20	1	14	<0.1
STD OREAS25A-4A	Standard	21	117	0.33	159	0.97	9.54	0.14	0.53	<4	167	5	12	21	1	14	<0.1
STD OREAS25A-4A	Standard	18	121	0.32	153	1.01	8.33	0.13	0.51	<4	162	4	9	21	<1	12	<0.1
STD OREAS25A-4A	Standard	19	98	0.31	148	0.91	8.62	0.11	0.51	<4	151	5	10	17	<1	12	<0.1
STD OREAS25A-4A	Standard	21	102	0.32	143	0.87	8.77	0.13	0.48	<4	148	5	11	17	<1	13	0.1
STD OREAS45E	Standard	5	973	0.14	241	0.54	6.17	0.06	0.34	<4	99	<2	6	7	<1	74	<0.1
STD OREAS45E	Standard	9	997	0.16	260	0.56	6.89	0.06	0.36	<4	104	<2	8	7	<1	91	<0.1
STD OREAS45E	Standard	8	1024	0.15	261	0.55	6.86	0.05	0.34	<4	98	3	7	8	<1	91	<0.1
STD OREAS45E	Standard	7	983	0.15	238	0.53	6.57	0.04	0.34	<4	95	<2	6	7	<1	81	<0.1
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32	8.28	6.8	0.62	93	0.046
STD OREAS25A-4A Expected		21.8	115	0.327	147	0.93	8.87	0.131	0.482	2	155	4.06	10.5	20.9	0.93	13.7	0.047
BLK	Blank	<2	<2	<0.01	4	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	7	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	3	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1

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: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: DV

Report Date: March 04, 2019

QUALITY CONTROL REPORT WHI19000002.1

		WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
Prep Wash																					
ROCK-WHI	Prep Blank		<2	<2	<5	33	<0.5	<2	4	604	1.99	<5	<20	<2	217	<0.4	<5	<5	35	1.62	0.043
ROCK-WHI	Prep Blank		<2	2	<5	36	<0.5	<2	4	625	2.07	<5	<20	<2	211	<0.4	<5	<5	35	1.56	0.045

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QUALITY CONTROL REPORT WHI19000002.1

		MA300 La ppm 2	MA300 Cr ppm 2	MA300 Mg % 0.01	MA300 Ba ppm 1	MA300 Ti % 0.01	MA300 Al % 0.01	MA300 Na % 0.01	MA300 K % 0.01	MA300 W ppm 4	MA300 Zr ppm 2	MA300 Sn ppm 2	MA300 Y ppm 2	MA300 Nb ppm 2	MA300 Be ppm 1	MA300 Sc ppm 1	MA300 S % 0.1
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
Prep Wash																	
ROCK-WHI	Prep Blank	11	3	0.46	829	0.19	6.82	3.31	1.65	<4	51	<2	16	5	1	6	<0.1
ROCK-WHI	Prep Blank	12	2	0.49	860	0.20	7.10	3.41	1.80	<4	52	<2	18	5	1	7	<0.1

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
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Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: September 17, 2019
Report Date: October 28, 2019
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI19000555.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 109

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
RTRN-RJT Return 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	105	Crush, split and pulverize 250 g rock to 200 mesh			WHI
MA300	108	4 Acid digestion ICP-ES analysis	0.25	Completed	VAN
EN001-MA	108	Environmental disposal fee - Multi-acid neutralization			VAN
PULSW	105	Extra Wash with Silica between each sample			WHI
SHP01	108	Per sample shipping charges for branch shipments			VAN
SLBHP	3	Sort, label and box pulps			WHI

ADDITIONAL COMMENTS

Invoice To: Breakaway Expl. Mgmt. Inc.
3081 Third Ave.
Whitehorse Yukon Y1A 4Z7
Canada

CC: Marty Huber

JEFFREY CANNON
Geochemistry Department Supervisor

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: None Given
Report Date: October 28, 2019

CERTIFICATE OF ANALYSIS WHI19000555.1

Method		WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478844	Drill Core	3.45	75	71	9	552	1.0	245	5	106	1.50	33	40	2	440	8.0	18	<5	1121	7.73	0.071
1478845	Drill Core	3.95	76	59	9	502	0.9	225	4	110	1.24	30	40	<2	494	7.2	14	<5	1042	8.34	0.034
1478846	Drill Core	3.62	75	61	9	542	1.0	223	5	109	1.37	31	38	<2	443	8.1	15	<5	1224	7.47	0.039
1478847	Drill Core	2.98	63	63	8	487	0.9	220	4	92	1.19	29	37	<2	502	7.1	16	<5	1207	8.11	0.041
1478848	Drill Core	2.67	77	68	8	511	0.9	226	4	83	1.00	28	33	<2	469	7.7	18	<5	1253	7.52	0.055
1478849	Drill Core	3.16	70	58	8	734	1.0	218	4	87	0.96	27	35	<2	436	10.8	12	<5	1352	6.52	0.034
1478850	Drill Core	2.67	61	91	13	786	1.2	225	4	84	2.19	45	35	<2	350	11.3	23	<5	1416	6.26	0.102
1478802	Drill Core	3.37	33	132	16	1705	4.9	237	8	80	1.51	61	34	<2	293	28.7	35	<5	1679	2.61	0.153
1478803	Drill Core	3.29	55	199	13	3509	4.9	250	6	52	1.11	68	45	<2	88	58.6	77	<5	3012	0.78	0.066
1478804	Drill Core	2.78	53	123	15	3818	4.5	237	5	53	1.14	64	41	<2	112	62.4	31	<5	2796	1.09	0.051
1478805	Drill Core	3.70	80	172	16	4147	4.4	245	7	67	1.33	84	44	<2	103	67.4	57	<5	3013	1.06	0.063
1478806	Drill Core	3.19	57	177	15	4212	5.5	235	5	58	1.13	78	42	<2	123	69.1	58	<5	2648	1.30	0.090
1478807	Drill Core	2.64	50	117	13	3125	4.8	220	5	75	1.12	62	38	<2	149	51.8	34	<5	2439	1.76	0.078
1478808	Drill Core	3.01	34	96	11	2072	4.4	192	5	109	1.30	50	31	11	246	34.1	24	<5	2118	4.30	0.257
1478809	Drill Core	2.85	21	94	12	1102	3.5	168	6	115	1.46	39	26	<2	246	17.7	21	<5	1473	4.63	0.457
1478851	Drill Core	3.51	49	42	11	535	0.9	140	3	351	0.89	28	26	<2	884	8.0	11	<5	1017	11.41	0.027
1478852	Drill Core	4.35	12	30	<5	120	<0.5	38	<2	390	0.47	11	<20	<2	2639	2.2	11	<5	354	17.90	0.035
1478853	Drill Core	2.34	95	93	13	1243	1.3	276	5	79	2.15	47	49	<2	302	17.0	23	<5	1704	6.56	0.029
1478854	Drill Core	3.12	77	68	10	1038	1.1	243	4	83	1.09	33	40	<2	481	13.9	15	<5	1580	7.79	0.037
1478855	Drill Core	2.83	79	71	9	854	0.9	236	4	81	1.12	35	37	<2	540	11.4	16	<5	1399	8.34	0.032
1478856	Drill Core	3.19	82	87	11	1068	1.2	252	4	93	1.41	44	45	<2	552	14.2	22	<5	1521	8.40	0.085
1478857	Drill Core	1.33	62	103	10	1322	1.2	220	4	80	1.00	36	36	<2	675	15.8	31	<5	1508	8.96	0.033
1478858	Drill Core	1.57	73	79	9	1196	1.1	235	4	76	1.01	35	35	<2	566	14.7	19	<5	1473	7.59	0.043
0141922	Drill Core	0.65	3	44	17	145	<0.5	66	19	704	4.73	12	<20	7	143	<0.4	<5	<5	263	1.42	0.118
1478781	Drill Core	2.54	75	96	11	2060	2.3	297	5	110	1.32	56	46	<2	229	26.2	40	<5	2586	3.10	0.056
1478792	Drill Core	2.19	36	92	12	2850	2.3	199	5	85	1.03	50	40	<2	435	45.6	36	<5	2500	4.64	0.086
1478794	Drill Core	3.15	38	80	8	2703	2.2	182	4	88	0.90	41	37	2	345	45.5	27	<5	2351	4.36	0.056
1478801	Rock	0.59	<2	<2	<5	3	<0.5	<2	<2	88	0.09	<5	<20	<2	78	<0.4	<5	<5	4	32.99	0.006
1478818	Drill Core	3.31	57	109	14	1985	3.2	243	9	123	1.83	57	44	4	135	28.4	33	<5	2355	3.86	0.065
1478833	Drill Core	3.64	13	126	9	1204	2.1	254	5	88	1.73	36	24	2	226	10.3	17	<5	699	2.01	0.220

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: None Given
Report Date: October 28, 2019

CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478844	Drill Core	13	68	1.82	47	0.13	2.56	0.10	1.01	<4	64	<2	37	11	2	5	1.7
1478845	Drill Core	11	63	1.65	57	0.13	2.44	0.11	0.98	<4	57	<2	32	6	1	5	1.5
1478846	Drill Core	11	66	1.59	50	0.13	2.45	0.11	0.96	<4	54	<2	31	6	1	5	1.6
1478847	Drill Core	11	63	1.27	50	0.12	2.25	0.10	0.89	<4	47	<2	31	5	1	5	1.4
1478848	Drill Core	14	64	1.11	53	0.11	2.24	0.08	0.86	<4	46	<2	32	5	1	4	1.2
1478849	Drill Core	12	66	1.09	59	0.11	2.10	0.07	0.83	<4	47	<2	30	4	1	4	1.1
1478850	Drill Core	8	80	1.18	30	0.11	2.27	0.05	0.89	<4	51	<2	34	5	2	5	2.6
1478802	Drill Core	15	228	0.41	37	0.11	2.31	0.12	0.88	<4	43	<2	44	3	1	7	1.8
1478803	Drill Core	10	146	0.39	41	0.11	2.38	0.10	0.88	<4	40	<2	37	3	2	7	1.5
1478804	Drill Core	10	161	0.34	71	0.11	2.31	0.09	0.84	<4	39	<2	33	3	2	7	1.6
1478805	Drill Core	11	74	0.40	69	0.12	2.51	0.11	0.94	<4	42	<2	28	3	2	6	1.7
1478806	Drill Core	11	142	0.42	49	0.12	2.39	0.09	0.89	<4	40	<2	34	3	2	7	1.5
1478807	Drill Core	14	116	0.57	53	0.12	2.57	0.05	0.96	<4	45	<2	37	4	2	7	1.4
1478808	Drill Core	15	112	0.55	50	0.14	2.89	0.04	1.14	<4	50	<2	35	4	2	7	1.5
1478809	Drill Core	10	138	0.77	43	0.15	3.18	0.06	1.22	<4	54	<2	48	5	2	8	1.6
1478851	Drill Core	10	46	5.37	85	0.08	1.56	0.06	0.62	<4	41	<2	22	4	1	3	1.1
1478852	Drill Core	8	11	6.09	>10000	0.03	0.53	0.02	0.20	<4	34	<2	10	4	<1	<1	<0.1
1478853	Drill Core	10	71	1.05	10	0.14	2.72	0.10	1.08	<4	68	<2	35	6	2	6	2.6
1478854	Drill Core	13	77	1.13	51	0.12	2.31	0.09	0.90	<4	55	<2	35	6	2	5	1.3
1478855	Drill Core	12	71	1.14	49	0.11	2.12	0.08	0.85	<4	52	<2	33	6	2	5	1.4
1478856	Drill Core	13	77	1.25	39	0.12	2.34	0.09	0.93	<4	57	<2	37	8	2	5	1.7
1478857	Drill Core	16	79	0.93	56	0.11	2.12	0.07	0.83	<4	58	<2	40	6	2	5	1.2
1478858	Drill Core	14	75	0.90	44	0.11	2.15	0.08	0.85	<4	53	<2	35	6	2	5	1.3
0141922	Drill Core	33	104	1.46	922	0.44	7.71	0.70	2.26	<4	90	3	25	12	2	16	0.2
1478781	Drill Core	16	82	0.69	38	0.12	2.50	0.16	0.94	<4	47	<2	31	4	2	7	1.6
1478792	Drill Core	15	89	0.56	48	0.10	2.15	0.12	0.86	<4	34	<2	34	3	1	6	1.2
1478794	Drill Core	14	61	0.57	49	0.10	2.06	0.10	0.75	<4	33	<2	30	3	1	6	1.1
1478801	Rock	<2	<2	1.24	22	<0.01	0.17	0.10	0.05	<4	<2	<2	3	<2	<1	<1	<0.1
1478818	Drill Core	11	100	1.70	43	0.21	3.99	0.13	1.52	<4	67	<2	36	7	2	9	2.0
1478833	Drill Core	11	207	0.94	88	0.16	3.28	0.18	1.27	<4	55	<2	39	5	2	7	1.9

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Project: None Given
Report Date: October 28, 2019

CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478752	Drill Core	1.77	37	81	8	2064	2.0	130	<2	83	0.56	31	22	<2	699	40.9	34	<5	1863	6.20	0.063
1478772	Drill Core	2.21	49	70	8	1998	1.8	198	3	73	0.86	34	33	<2	365	25.6	27	<5	2167	3.70	0.146
1478773	Drill Core	2.20	49	107	6	2339	2.0	197	3	56	0.79	36	34	<2	240	28.5	44	<5	1981	2.41	0.047
1478774	Drill Core	2.32	54	91	8	2159	1.9	212	3	55	0.84	40	36	2	213	28.3	36	<5	2066	2.11	0.059
1478775	Drill Core	2.85	60	107	9	1979	2.0	198	3	53	0.91	41	34	2	88	24.0	45	<5	1950	1.21	0.020
1478776	Drill Core	1.47	54	116	6	1827	2.0	204	3	46	0.83	36	34	<2	113	20.7	51	<5	1785	1.02	0.063
1478777	Drill Core	2.99	59	60	9	1442	1.6	214	4	185	0.99	34	37	2	400	17.2	21	<5	2060	4.60	0.066
1478778	Drill Core	2.52	62	179	9	1806	2.8	230	4	92	1.11	49	43	3	284	21.7	80	<5	2324	3.39	0.052
1478779	Drill Core	2.67	50	66	10	1690	1.7	213	4	97	1.05	31	40	<2	301	20.2	24	<5	2221	4.03	0.053
1478780	Drill Core	3.37	51	78	10	1676	1.8	227	4	102	1.06	37	42	<2	314	20.7	29	<5	2213	4.61	0.101
1478781	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1478782	Drill Core	1.64	96	103	12	1793	2.4	357	7	113	1.84	60	62	3	102	21.0	45	<5	2785	1.54	0.042
1478783	Drill Core	1.68	90	106	11	1448	2.4	337	7	119	1.71	58	59	3	139	17.7	47	<5	2934	1.92	0.075
1478784	Drill Core	3.26	88	115	14	1290	2.3	319	7	168	1.73	57	52	3	199	15.8	55	<5	2737	2.88	0.114
1478785	Drill Core	2.57	82	75	11	1327	1.8	306	6	111	1.54	51	52	3	159	16.3	33	<5	2562	2.05	0.068
1478786	Drill Core	1.54	56	75	11	2001	1.7	279	5	105	1.19	44	41	3	204	26.3	28	<5	2527	2.85	0.024
1478787	Drill Core	1.11	85	92	11	2316	2.0	306	6	84	1.38	53	48	3	101	29.6	31	<5	2964	1.31	0.060
1478788	Drill Core	2.75	39	67	12	3356	2.1	173	4	88	1.04	46	37	<2	343	54.1	26	<5	2294	3.75	0.039
1478793	Rock Pulp	0.10	64	2975	<5	20	0.6	79	204	2481	15.52	129	29	7	84	<0.4	<5	<5	262	4.08	0.076
1478810	Drill Core	2.46	20	91	10	1009	3.2	181	6	128	1.50	34	31	2	221	14.4	17	<5	1221	3.80	0.366
1478811	Drill Core	3.23	24	95	11	1186	4.1	189	6	110	1.79	37	31	2	155	18.2	19	<5	1279	2.96	0.270
1478812	Drill Core	3.37	17	68	8	955	2.5	157	5	439	1.25	26	20	2	522	14.4	12	<5	949	7.94	0.304
1478813	Drill Core	3.50	2	24	<5	105	0.8	38	<2	643	0.38	7	<20	<2	1431	1.8	5	<5	178	20.86	0.167
1478814	Drill Core	3.46	12	53	7	553	1.9	102	4	367	1.14	20	22	<2	608	8.3	10	<5	715	10.90	0.226
1478815	Drill Core	3.47	17	83	9	801	2.9	178	6	116	1.53	31	26	3	234	11.7	15	<5	1074	3.87	0.396
1478816	Rock	0.39	<2	<2	<5	4	<0.5	<2	<2	84	0.14	<5	<20	<2	70	<0.4	<5	<5	3	31.33	0.006
1478817	Drill Core	3.63	51	95	10	1870	3.1	232	8	124	1.80	50	38	3	146	26.6	24	<5	2166	4.16	0.065
1478834	Drill Core	1.01	52	73	12	2120	2.0	259	6	99	1.26	49	46	3	260	28.7	23	<5	2806	3.75	0.158
1478835	Drill Core	1.97	36	163	11	1385	1.9	278	5	104	1.95	64	38	2	306	18.7	50	<5	1580	6.61	0.102
1478836	Drill Core	1.59	36	117	12	1073	1.7	308	6	111	2.04	51	48	2	267	13.4	28	<5	1521	6.59	0.046

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Project: None Given
Report Date: October 28, 2019

CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478752	Drill Core	13	60	0.32	211	0.04	0.95	0.03	0.34	<4	20	<2	41	<2	<1	4	0.2
1478772	Drill Core	14	59	0.33	53	0.07	1.46	0.05	0.50	<4	22	<2	29	<2	1	6	1.0
1478773	Drill Core	15	51	0.24	49	0.06	1.37	0.06	0.47	<4	28	<2	23	<2	1	5	0.9
1478774	Drill Core	15	81	0.27	56	0.07	1.47	0.07	0.52	<4	30	<2	24	<2	1	5	1.0
1478775	Drill Core	11	69	0.21	56	0.07	1.54	0.06	0.54	<4	27	<2	19	2	1	4	1.0
1478776	Drill Core	12	49	0.20	61	0.07	1.39	0.06	0.45	<4	25	<2	15	<2	1	4	1.0
1478777	Drill Core	16	54	1.51	53	0.09	1.85	0.11	0.70	<4	35	<2	28	3	1	5	1.2
1478778	Drill Core	15	62	0.46	46	0.10	2.09	0.11	0.73	<4	38	<2	27	3	2	6	1.3
1478779	Drill Core	15	48	0.51	53	0.09	1.91	0.13	0.67	<4	33	<2	24	3	1	6	1.2
1478780	Drill Core	14	64	0.52	48	0.10	2.09	0.15	0.82	<4	40	<2	25	3	1	5	1.3
1478781	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1478782	Drill Core	16	79	0.66	101	0.17	3.22	0.24	1.16	<4	56	<2	30	5	2	8	2.1
1478783	Drill Core	14	97	0.77	45	0.16	3.19	0.25	1.21	<4	55	<2	32	5	2	8	2.0
1478784	Drill Core	15	88	1.20	38	0.16	3.17	0.27	1.21	<4	58	<2	42	5	2	8	2.0
1478785	Drill Core	16	75	0.68	43	0.14	2.71	0.22	0.97	<4	45	<2	28	4	2	7	1.7
1478786	Drill Core	17	56	0.73	44	0.11	2.31	0.13	0.86	<4	42	<2	28	3	2	6	1.4
1478787	Drill Core	13	73	0.70	46	0.13	2.54	0.16	0.90	<4	45	<2	32	4	2	7	1.7
1478788	Drill Core	16	59	0.65	42	0.10	2.08	0.13	0.76	<4	30	<2	27	3	1	5	1.2
1478793	Rock Pulp	68	40	1.21	154	0.44	5.80	1.26	3.40	46	133	6	22	5	1	16	0.9
1478810	Drill Core	10	117	1.07	39	0.16	3.20	0.09	1.25	<4	56	<2	41	5	2	7	1.6
1478811	Drill Core	9	139	1.04	41	0.18	3.51	0.12	1.31	<4	52	<2	40	6	2	8	1.8
1478812	Drill Core	9	116	3.80	44	0.13	2.65	0.12	1.04	<4	41	<2	25	4	1	6	1.4
1478813	Drill Core	6	32	8.53	107	0.03	0.72	0.09	0.31	<4	16	<2	10	<2	<1	2	0.4
1478814	Drill Core	9	80	3.53	50	0.12	2.42	0.09	0.96	<4	41	<2	24	4	<1	5	1.1
1478815	Drill Core	10	141	1.46	37	0.18	3.43	0.14	1.33	<4	55	2	41	6	2	9	1.6
1478816	Rock	<2	<2	2.38	19	<0.01	0.07	0.05	0.02	<4	<2	<2	3	<2	<1	<1	<0.1
1478817	Drill Core	9	104	1.84	33	0.21	4.05	0.16	1.41	<4	62	<2	35	6	2	8	1.9
1478834	Drill Core	20	74	0.76	39	0.12	2.60	0.18	0.93	<4	42	<2	32	4	2	7	1.5
1478835	Drill Core	10	69	1.91	30	0.13	2.80	0.13	1.13	<4	63	<2	37	5	2	6	2.3
1478836	Drill Core	11	94	1.74	32	0.16	3.22	0.12	1.17	<4	80	<2	42	7	2	7	2.3

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478837	Rock	0.49	<2	<2	<5	4	<0.5	<2	<2	72	0.08	<5	<20	<2	77	<0.4	<5	<5	4	33.58	0.006
1478838	Drill Core	2.61	90	84	9	859	1.0	297	5	113	1.33	35	51	3	386	11.9	18	<5	1151	7.20	0.040
1478839	Drill Core	1.52	85	84	8	793	1.0	278	5	95	1.52	36	47	2	405	11.1	15	<5	1099	7.41	0.032
1478840	Drill Core	3.16	49	116	6	366	0.7	158	3	324	0.99	33	31	2	1049	5.9	34	<5	780	13.36	0.047
1478841	Drill Core	3.62	76	59	10	433	0.9	233	5	141	1.24	28	42	2	460	6.1	11	<5	974	8.22	0.038
1478842	Drill Core	3.48	78	67	10	622	0.9	245	5	92	1.50	32	39	4	381	8.9	11	<5	1091	7.44	0.020
1478843	Drill Core	3.87	83	63	8	594	0.8	250	5	100	1.19	28	46	3	437	8.5	12	<5	1158	8.43	0.047
1478789	Drill Core	2.89	33	60	12	2227	2.2	173	5	80	1.15	48	35	<2	252	35.4	22	<5	2277	3.18	0.077
1478790	Drill Core	2.64	25	94	10	1933	2.3	151	4	92	0.86	43	31	<2	556	34.6	39	<5	1866	5.04	0.095
1478791	Drill Core	1.90	40	73	10	2854	2.3	180	4	84	0.93	43	37	2	473	49.4	24	<5	2359	5.59	0.067
1478795	Drill Core	2.99	50	107	11	2697	2.5	206	5	58	1.04	50	38	<2	274	48.6	37	<5	2467	3.22	0.066
1478796	Drill Core	2.15	41	76	8	2290	2.0	168	4	87	0.76	37	34	<2	633	39.4	24	<5	2049	7.73	0.060
1478797	Drill Core	2.22	29	87	7	1801	2.3	149	4	86	0.72	35	28	<2	616	30.3	28	<5	1757	8.38	0.056
1478798	Drill Core	3.40	27	86	7	1557	2.0	147	3	102	0.68	29	<20	<2	896	27.1	28	<5	1450	10.53	0.051
1478799	Drill Core	1.91	47	102	12	2745	2.6	209	5	76	0.99	47	40	2	505	47.6	29	<5	2461	5.77	0.065
1478800	Drill Core	2.67	40	247	9	2499	4.4	237	5	57	1.04	63	37	2	106	44.5	94	<5	1994	1.12	0.049
1478819	Drill Core	3.34	74	113	12	2063	3.3	282	10	130	1.97	68	47	<2	149	29.7	34	<5	2425	4.33	0.102
1478820	Drill Core	2.30	68	110	16	1817	3.5	270	9	126	2.00	65	42	3	163	26.5	30	<5	2313	4.61	0.089
1478821	Drill Core	1.44	66	120	10	2279	3.8	283	9	129	1.70	58	44	4	163	32.1	31	<5	2517	4.60	0.064
1478822	Drill Core	3.35	53	119	12	2094	3.0	249	7	103	1.71	59	43	2	176	29.7	36	<5	2289	4.16	0.069
1478823	Drill Core	3.58	42	108	12	1871	3.1	247	7	110	1.59	49	40	3	233	26.2	26	<5	1961	4.68	0.133
1478824	Drill Core	2.88	50	122	10	1902	3.1	251	7	110	1.60	51	42	4	236	26.0	34	<5	2256	4.96	0.087
1478825	Drill Core	3.34	61	112	14	1912	3.0	264	8	114	1.78	56	44	4	216	25.0	31	<5	2237	4.77	0.119
1478826	Drill Core	3.42	39	118	8	1570	3.2	250	6	98	1.53	44	37	3	242	17.4	27	<5	1568	4.69	0.245
1478827	Drill Core	3.68	18	112	9	941	2.6	214	6	99	1.51	34	26	3	355	8.9	20	<5	767	4.94	0.518
1478828	Drill Core	3.51	5	97	<5	489	1.6	139	3	277	0.96	25	<20	3	839	4.2	17	<5	279	10.14	0.580
1478829	Rock Pulp	0.09	62	2975	5	20	0.6	79	204	2494	15.67	131	32	8	88	<0.4	<5	<5	263	4.08	0.078
1478830	Drill Core	2.52	5	102	7	573	2.1	150	4	223	1.28	28	<20	2	850	3.1	16	<5	197	9.77	0.821
1478831	Drill Core	3.75	6	133	7	623	2.3	168	5	186	1.47	33	<20	3	554	3.1	20	<5	215	7.42	0.556
1478832	Drill Core	2.96	10	107	8	887	2.1	226	5	122	1.57	31	21	3	407	5.0	15	<5	472	5.17	0.770

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Project: None Given
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CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478837	Rock	<2	<2	1.07	28	<0.01	0.06	0.03	0.03	<4	<2	<2	3	<2	<1	<1	<0.1
1478838	Drill Core	13	83	1.56	43	0.13	2.71	0.15	1.08	<4	63	<2	38	6	2	6	1.5
1478839	Drill Core	11	84	1.60	34	0.14	2.81	0.14	1.13	<4	63	<2	33	7	2	5	1.9
1478840	Drill Core	11	44	5.29	51	0.08	1.69	0.10	0.72	<4	48	<2	26	4	<1	4	1.2
1478841	Drill Core	11	52	2.23	36	0.13	2.52	0.15	1.04	<4	56	<2	32	6	1	5	1.4
1478842	Drill Core	10	63	1.62	32	0.13	2.60	0.13	1.05	<4	59	<2	32	7	2	5	1.7
1478843	Drill Core	14	72	1.73	45	0.14	2.77	0.13	1.09	<4	64	<2	36	8	1	6	1.4
1478789	Drill Core	14	94	0.60	40	0.11	2.27	0.15	0.85	<4	34	<2	27	3	1	6	1.3
1478790	Drill Core	15	63	0.55	54	0.09	1.82	0.11	0.67	<4	28	<2	29	2	<1	6	1.0
1478791	Drill Core	14	69	0.47	42	0.10	2.07	0.08	0.76	<4	31	<2	31	3	1	6	1.1
1478795	Drill Core	19	71	0.38	45	0.09	2.00	0.08	0.75	<4	32	<2	32	3	1	6	1.3
1478796	Drill Core	15	54	0.28	60	0.08	1.68	0.05	0.66	<4	28	<2	28	2	1	5	1.0
1478797	Drill Core	11	60	0.28	78	0.07	1.51	0.03	0.56	<4	26	<2	24	<2	<1	4	0.9
1478798	Drill Core	13	55	0.23	79	0.06	1.36	0.04	0.56	<4	23	<2	25	<2	<1	4	0.8
1478799	Drill Core	17	86	0.29	51	0.09	1.97	0.08	0.74	<4	35	<2	36	3	1	6	1.3
1478800	Drill Core	13	182	0.34	49	0.10	2.19	0.11	0.80	<4	37	<2	34	3	2	6	1.3
1478819	Drill Core	10	114	1.83	31	0.20	3.93	0.14	1.53	<4	66	<2	37	6	2	9	2.3
1478820	Drill Core	12	114	1.83	31	0.19	3.62	0.15	1.53	<4	64	<2	37	6	2	9	2.3
1478821	Drill Core	11	166	1.83	39	0.21	3.99	0.15	1.58	<4	73	<2	42	6	2	9	2.0
1478822	Drill Core	11	147	1.32	33	0.17	3.25	0.11	1.28	<4	59	<2	34	5	2	8	2.0
1478823	Drill Core	12	189	1.48	36	0.17	3.25	0.11	1.25	<4	59	<2	43	5	2	8	1.9
1478824	Drill Core	15	154	1.62	37	0.17	3.35	0.14	1.37	<4	61	<2	44	5	2	8	2.0
1478825	Drill Core	12	166	1.36	38	0.19	3.73	0.13	1.40	<4	66	<2	41	6	2	8	2.1
1478826	Drill Core	12	227	1.30	34	0.17	3.35	0.10	1.26	<4	60	<2	48	5	2	8	1.8
1478827	Drill Core	11	254	1.25	41	0.16	3.32	0.07	1.34	<4	58	<2	45	5	2	8	1.7
1478828	Drill Core	10	179	4.85	82	0.10	2.13	0.05	0.96	<4	32	<2	29	3	<1	5	1.1
1478829	Rock Pulp	68	41	1.21	101	0.43	5.97	1.25	3.61	47	134	6	22	5	1	17	0.9
1478830	Drill Core	8	215	3.52	41	0.12	2.61	0.06	1.06	<4	50	<2	29	4	1	6	1.3
1478831	Drill Core	8	222	3.05	39	0.13	3.12	0.06	1.33	<4	48	2	27	5	1	6	1.6
1478832	Drill Core	10	267	1.67	41	0.14	3.22	0.08	1.30	<4	59	<2	48	5	2	8	1.7

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	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
1478753	Drill Core	1.74	45	73	7	1994	1.9	133	<2	46	0.61	34	27	<2	412	40.9	31	<5	2090	3.29	0.075
1478754	Drill Core	1.33	52	88	5	1647	2.0	145	<2	54	0.63	42	27	<2	572	33.3	41	<5	1997	5.21	0.067
1478755	Drill Core	1.79	51	71	6	1929	1.8	137	<2	47	0.72	40	25	<2	191	31.1	35	<5	1992	1.53	0.037
1478756	Drill Core	1.46	46	71	8	1999	1.7	140	<2	55	0.67	38	30	15	414	39.9	36	<5	2062	3.63	0.083
1478757	Rock Pulp	0.09	62	2980	5	20	0.6	78	201	2506	15.69	126	30	8	90	<0.4	<5	<5	259	4.07	0.078
1478758	Drill Core	1.14	38	166	10	2574	3.1	193	2	50	0.70	53	34	<2	474	61.3	73	<5	2536	4.10	0.066
1478759	Drill Core	1.67	34	87	8	2708	3.2	226	3	53	0.72	30	23	<2	456	52.4	34	<5	2192	4.30	0.050
1478760	Drill Core	1.38	33	118	11	2742	3.6	219	3	49	0.71	32	<20	<2	392	51.9	54	<5	2270	3.24	0.070
1478761	Drill Core	2.65	44	122	9	4041	4.1	273	3	45	0.75	24	33	<2	438	65.2	52	<5	2890	3.78	0.062
1478762	Drill Core	1.55	34	186	8	3248	3.9	211	2	43	0.61	19	<20	<2	471	50.1	86	<5	2217	3.93	0.051
1478763	Drill Core	2.38	56	121	7	3489	3.3	227	3	44	0.68	16	25	<2	390	51.5	54	<5	2253	3.56	0.056
1478764	Drill Core	2.73	51	93	8	2194	2.5	187	2	60	0.62	15	<20	<2	581	31.3	43	<5	1843	5.12	0.048
1478765	Rock	0.82	<2	<2	<5	5	<0.5	<2	<2	83	0.13	<5	<20	<2	71	<0.4	<5	<5	3	33.73	0.006
1478766	Drill Core	2.33	69	76	9	3143	2.8	244	3	45	0.73	17	27	<2	326	42.6	33	<5	2570	2.89	0.047
1478767	Drill Core	3.06	70	92	9	2664	2.8	256	2	63	0.68	19	21	<2	399	35.3	39	<5	2382	3.68	0.052
1478768	Drill Core	2.81	68	106	7	2225	2.7	229	3	55	0.75	21	27	<2	366	29.4	47	<5	2063	3.38	0.047
1478769	Drill Core	2.51	65	97	11	2108	3.0	244	3	56	0.91	19	28	<2	315	27.8	41	<5	2477	2.93	0.078
1478770	Drill Core	4.12	50	88	9	2220	2.6	206	3	59	0.73	16	<20	<2	320	29.8	36	<5	1961	3.06	0.070
1478771	Drill Core	2.34	52	113	11	2485	2.9	200	3	58	0.83	16	23	<2	213	31.7	48	<5	2075	2.06	0.057

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: None Given
Report Date: October 28, 2019

CERTIFICATE OF ANALYSIS WHI19000555.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
1478753	Drill Core	16	104	0.16	171	0.05	1.03	0.03	0.36	<4	16	<2	30	<2	<1	4	0.3
1478754	Drill Core	12	76	0.19	178	0.05	0.99	0.03	0.37	<4	22	<2	27	<2	<1	4	0.3
1478755	Drill Core	13	81	0.13	161	0.05	0.96	0.03	0.32	<4	20	<2	16	<2	<1	4	0.3
1478756	Drill Core	13	77	0.27	115	0.05	1.08	0.03	0.39	<4	21	<2	28	<2	<1	4	0.4
1478757	Rock Pulp	69	41	1.20	104	0.43	5.76	1.23	3.41	47	133	6	22	5	1	17	0.9
1478758	Drill Core	15	139	0.21	93	0.07	1.39	0.03	0.53	<4	33	<2	31	<2	1	6	0.5
1478759	Drill Core	14	153	0.20	95	0.07	1.32	0.03	0.50	<4	30	<2	34	<2	1	5	0.6
1478760	Drill Core	15	128	0.23	102	0.07	1.36	0.03	0.50	<4	33	<2	35	2	2	5	0.5
1478761	Drill Core	18	128	0.20	54	0.07	1.43	0.03	0.53	<4	33	<2	28	<2	2	6	1.1
1478762	Drill Core	15	86	0.15	55	0.05	1.06	0.02	0.38	<4	24	<2	30	<2	1	5	0.9
1478763	Drill Core	15	82	0.16	57	0.06	1.13	0.03	0.41	<4	26	<2	32	<2	2	5	1.0
1478764	Drill Core	12	65	0.18	75	0.05	0.93	0.02	0.33	<4	23	<2	32	<2	1	4	0.8
1478765	Rock	<2	<2	1.67	14	<0.01	0.06	0.03	<0.01	<4	<2	<2	3	<2	<1	<1	<0.1
1478766	Drill Core	16	68	0.19	51	0.06	1.22	0.03	0.44	<4	29	<2	23	<2	2	5	1.0
1478767	Drill Core	14	67	0.29	56	0.05	1.10	0.02	0.39	<4	26	<2	25	<2	2	4	1.0
1478768	Drill Core	15	55	0.21	57	0.06	1.14	0.03	0.41	<4	26	<2	29	<2	1	4	1.0
1478769	Drill Core	17	67	0.27	45	0.08	1.55	0.03	0.57	<4	32	<2	26	2	2	5	1.1
1478770	Drill Core	14	65	0.26	62	0.06	1.21	0.03	0.44	<4	25	<2	27	<2	1	4	0.9
1478771	Drill Core	16	56	0.25	51	0.06	1.39	0.04	0.50	<4	25	<2	24	<2	2	4	1.0

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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
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Val d'Or Québec J9P 7H1 Canada

Project: None Given
Report Date: October 28, 2019

QUALITY CONTROL REPORT WHI19000555.1

	Method	WGHT	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01	0.002
Pulp Duplicates																					
1478851	Drill Core	3.51	49	42	11	535	0.9	140	3	351	0.89	28	26	<2	884	8.0	11	<5	1017	11.41	0.027
REP 1478851	QC		49	41	10	531	0.8	139	3	348	0.88	28	24	<2	862	7.8	10	<5	1008	11.23	0.027
1478811	Drill Core	3.23	24	95	11	1186	4.1	189	6	110	1.79	37	31	2	155	18.2	19	<5	1279	2.96	0.270
REP 1478811	QC		23	98	9	1192	4.1	186	6	110	1.81	37	30	<2	139	17.8	18	<5	1306	2.93	0.272
1478828	Drill Core	3.51	5	97	<5	489	1.6	139	3	277	0.96	25	<20	3	839	4.2	17	<5	279	10.14	0.580
REP 1478828	QC		6	101	5	505	1.7	144	4	286	0.99	27	43	2	857	4.4	21	<5	288	10.64	0.602
1478767	Drill Core	3.06	70	92	9	2664	2.8	256	2	63	0.68	19	21	<2	399	35.3	39	<5	2382	3.68	0.052
REP 1478767	QC		70	90	5	2679	2.8	257	3	63	0.69	18	32	<2	403	35.4	38	<5	2401	3.71	0.052
Core Reject Duplicates																					
1478833	Drill Core	3.64	13	126	9	1204	2.1	254	5	88	1.73	36	24	2	226	10.3	17	<5	699	2.01	0.220
DUP 1478833	QC		13	127	7	1244	2.1	260	5	91	1.79	36	23	2	222	10.4	15	<5	710	2.01	0.231
1478840	Drill Core	3.16	49	116	6	366	0.7	158	3	324	0.99	33	31	2	1049	5.9	34	<5	780	13.36	0.047
DUP 1478840	QC		50	118	7	367	0.8	160	3	316	1.03	33	32	<2	981	5.9	33	<5	780	13.19	0.049
1478760	Drill Core	1.38	33	118	11	2742	3.6	219	3	49	0.71	32	<20	<2	392	51.9	54	<5	2270	3.24	0.070
DUP 1478760	QC		35	128	9	2946	3.9	229	3	52	0.75	33	22	<2	412	54.4	57	<5	2412	3.40	0.073
Reference Materials																					
STD OREAS25A-4A	Standard		2	33	23	46	<0.5	47	8	506	6.59	9	<20	14	48	<0.4	6	<5	157	0.30	0.052
STD OREAS25A-4A	Standard		<2	32	25	43	<0.5	47	7	488	6.58	10	<20	14	45	<0.4	<5	<5	164	0.28	0.050
STD OREAS25A-4A	Standard		<2	31	27	44	<0.5	47	7	501	6.67	10	<20	14	47	<0.4	<5	<5	166	0.29	0.051
STD OREAS25A-4A	Standard		<2	32	25	44	<0.5	47	7	503	6.77	10	<20	13	46	<0.4	<5	<5	162	0.29	0.051
STD OREAS45E	Standard		<2	737	17	48	0.8	451	59	538	24.38	13	<20	11	15	<0.4	<5	<5	311	0.06	0.035
STD OREAS45E	Standard		<2	784	15	43	0.6	460	56	546	23.60	15	<20	12	16	<0.4	<5	<5	319	0.06	0.034
STD OREAS45H	Standard		<2	821	12	40	1.0	457	91	418	20.46	17	<20	8	29	<0.4	<5	<5	282	0.14	0.025
STD OREAS45H	Standard		<2	818	11	39	<0.5	459	90	419	20.10	17	<20	7	29	<0.4	<5	<5	280	0.14	0.025
STD OREAS45E Expected			2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9		1		322	0.065	0.034
STD OREAS25A-4A Expected			2.41	33.9	25.2	44.4		45.8	7.7	480	6.6	9.94	2.94	15.8	48.5		0.65		157	0.301	0.048
STD OREAS45H Expected			1.55	767	11.9	39.7		423	88	380	19.52	16.9		7.26	27.1				263	0.135	0.023
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002

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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Client: **Breakaway Expl. Mgmt. Inc.**
1740 Chemin Sullivan
Suite 1100
Val d'Or Québec J9P 7H1 Canada

Project: None Given
Report Date: October 28, 2019

QUALITY CONTROL REPORT WHI19000555.1

	Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1
Pulp Duplicates																	
1478851	Drill Core	10	46	5.37	85	0.08	1.56	0.06	0.62	<4	41	<2	22	4	1	3	1.1
REP 1478851	QC	10	45	5.29	79	0.08	1.54	0.06	0.62	<4	40	<2	22	4	1	3	1.0
1478811	Drill Core	9	139	1.04	41	0.18	3.51	0.12	1.31	<4	52	<2	40	6	2	8	1.8
REP 1478811	QC	8	200	1.04	36	0.18	3.46	0.12	1.30	<4	53	<2	40	5	2	8	1.8
1478828	Drill Core	10	179	4.85	82	0.10	2.13	0.05	0.96	<4	32	<2	29	3	<1	5	1.1
REP 1478828	QC	9	185	5.03	55	0.10	2.20	0.05	0.95	<4	41	<2	31	4	<1	5	1.2
1478767	Drill Core	14	67	0.29	56	0.05	1.10	0.02	0.39	<4	26	<2	25	<2	2	4	1.0
REP 1478767	QC	14	65	0.29	54	0.05	1.11	0.02	0.40	<4	26	<2	25	<2	2	4	1.0
Core Reject Duplicates																	
1478833	Drill Core	11	207	0.94	88	0.16	3.28	0.18	1.27	<4	55	<2	39	5	2	7	1.9
DUP 1478833	QC	10	190	0.96	45	0.16	3.33	0.19	1.39	<4	56	<2	41	5	2	7	1.9
1478840	Drill Core	11	44	5.29	51	0.08	1.69	0.10	0.72	<4	48	<2	26	4	<1	4	1.2
DUP 1478840	QC	11	44	5.12	63	0.08	1.71	0.09	0.65	<4	48	<2	26	4	<1	4	1.2
1478760	Drill Core	15	128	0.23	102	0.07	1.36	0.03	0.50	<4	33	<2	35	2	2	5	0.5
DUP 1478760	QC	15	126	0.23	98	0.07	1.43	0.03	0.53	<4	35	<2	36	2	2	6	0.6
Reference Materials																	
STD OREAS25A-4A	Standard	21	112	0.33	150	0.95	9.29	0.14	0.51	<4	163	5	12	19	1	14	<0.1
STD OREAS25A-4A	Standard	19	111	0.31	147	0.96	8.77	0.15	0.49	<4	156	5	10	20	<1	13	<0.1
STD OREAS25A-4A	Standard	21	120	0.32	149	0.94	8.94	0.15	0.53	<4	153	5	11	20	<1	13	<0.1
STD OREAS25A-4A	Standard	20	119	0.31	151	0.98	9.10	0.14	0.50	<4	152	5	11	20	<1	13	<0.1
STD OREAS45E	Standard	11	970	0.15	240	0.49	6.66	0.06	0.34	<4	91	2	9	6	<1	90	<0.1
STD OREAS45E	Standard	10	967	0.15	252	0.52	6.54	0.06	0.32	<4	93	<2	8	6	<1	92	<0.1
STD OREAS45H	Standard	13	675	0.25	346	0.91	8.37	0.10	0.21	<4	126	3	11	14	1	63	<0.1
STD OREAS45H	Standard	12	662	0.25	365	0.92	8.34	0.10	0.22	<4	122	3	10	14	1	61	<0.1
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32	8.28	6.8	0.62	93	0.046
STD OREAS25A-4A Expected		21.8	115	0.327	147	0.93	8.87	0.131	0.482	2	155	4.06	10.5	20.9	0.93	13.7	0.047
STD OREAS45H Expected		12.4	602	0.238	332	0.878	7.99	0.09	0.205		131	1.93	10.4	14.8	1.09	57	
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1

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QUALITY CONTROL REPORT WHI19000555.1

		WGHT Wgt kg 0.01	MA300 Mo ppm 2	MA300 Cu ppm 2	MA300 Pb ppm 5	MA300 Zn ppm 2	MA300 Ag ppm 0.5	MA300 Ni ppm 2	MA300 Co ppm 2	MA300 Mn ppm 5	MA300 Fe % 0.01	MA300 As ppm 5	MA300 U ppm 20	MA300 Th ppm 2	MA300 Sr ppm 2	MA300 Cd ppm 0.4	MA300 Sb ppm 5	MA300 Bi ppm 5	MA300 V ppm 2	MA300 Ca % 0.01	MA300 P % 0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01	<0.002
Prep Wash																					
ROCK-WHI	Prep Blank		<2	4	<5	39	<0.5	<2	4	747	2.36	<5	<20	<2	203	<0.4	<5	<5	44	1.57	0.045
ROCK-WHI	Prep Blank		<2	4	<5	43	<0.5	<2	4	735	2.28	<5	<20	<2	199	<0.4	8	<5	42	1.52	0.045

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QUALITY CONTROL REPORT WHI19000555.1

		MA300 La ppm 2	MA300 Cr ppm 2	MA300 Mg % 0.01	MA300 Ba ppm 1	MA300 Ti % 0.01	MA300 Al % 0.01	MA300 Na % 0.01	MA300 K % 0.01	MA300 W ppm 4	MA300 Zr ppm 2	MA300 Sn ppm 2	MA300 Y ppm 2	MA300 Nb ppm 2	MA300 Be ppm 1	MA300 Sc ppm 1	MA300 S % 0.1
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
BLK	Blank	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1
Prep Wash																	
ROCK-WHI	Prep Blank	12	4	0.61	802	0.22	7.19	3.47	1.64	<4	50	<2	17	6	<1	8	<0.1
ROCK-WHI	Prep Blank	13	4	0.62	817	0.22	7.29	3.48	1.63	<4	51	<2	18	6	<1	8	<0.1

Appendix C: Certificate of Work

Yukon
Energy, Mines and Resources

QUARTZ MINING ACT FORM 4 SECTION 56

APPLICATION FOR A CERTIFICATE OF WORK

Office Date Stamp

I, _____ ,

(Agent for DVY196 Holdings Corp.)

of 3081 Third Avenue Whitehorse, Yukon Y1A 4Z7

Phone (867) 668-4405

Client I.D. Number: _____

make oath and say that:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

Please see claim list attached

situated at White Fox Creek Claim sheet No. 116I16

in the Dawson Mining District, to the value of at least $35,180.69 dollars,

since the 1st day of December 2018 ,

to represent the following mineral claims under the authority of Grouping Certificate No. N/A .
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Please see claim list attached

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

In December 2018, 2 drill holes (FX07-02 & 03) available at the Yukon Geological Survey H.S. Bostock Core Library were re-logged & sampled ($14,545.72) . In September 2019 a 6-day field program was done on the property. Prospecting led to additional drill core left on site. Hole SN07-01 was re-logged & sampled ($16,134.96). All past & present surface & drill results were compiled onto digital maps and presented in the final report ($4500.00).

Sworn before me at _____ this _____ day of _____ 20 ____ .

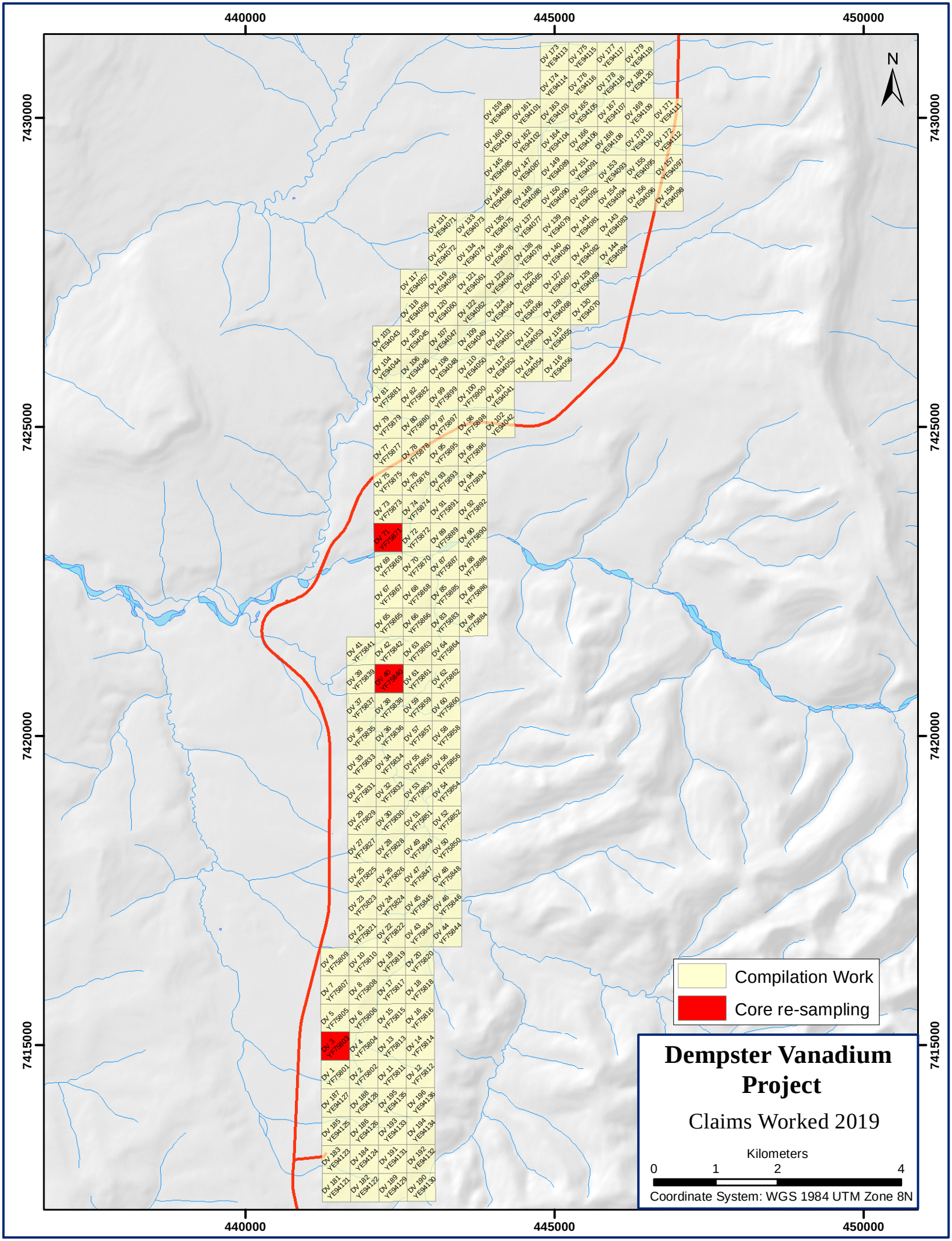
_____ Notary Public

_____ Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Recorders Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

Work December 2018		**Inv. No.**		**Rate**			**Amount**	**Total**
5550	Wages and Contract							
	Mark Fekete, P.Geo.	BXM No. 1267	2	days @	$750.00	$1,500.00		
	Danielle Héon, P.Geo.	Héon No. 2018-26	5.5	days @	$600.00	$3,300.00		
	Ted MacDonald ,Tech.	BXM No. 1267	7	days @	$325.00	$2,275.00		
							$7,075.00	
5552	Supplies							
	Bags, tags, standards etc	BXM No. 1267	251	samples @	$2.00	$502.00		
							$502.00	
5556	Analysis							
	Core Assays	BV No.VANI324431	1	invoice @	$3,823.34	$3,823.34		
	Core Assays	BV No.VANI324432	1	invoice @	$3,145.38	$3,145.38		
							$6,968.72	
					Total December 2018			**$14,545.72**
Work September 2019		**Inv. No.**		**Rate**			**Amount**	
5550	Wages and Contract							
	Mark Fekete, P.Geo.	BXM No. 1277	6	days @	$750.00	$4,500.00		
	Marty Huber, P.Geo.	MHuber No.201918	6	days @	$750.00	$4,500.00		
							$9,000.00	
5551	Food & lodgings							
	Per diem	BXM No. 1277	12	days @	$100.00	$1,200.00		
	Per receipts	MHuber No.201918	1	@	$20.93	$20.93		
							$1,220.93	
5552	Supplies							
	Bags, tags, flagging, standards etc.	BXM No. 1277	108	@	$2.00	$216.00		
	Per receipts	MHuber No.201918	1	@	$41.16	$41.16		
							$257.16	
5553	Transport							
	Truck rental	BXM No. 1277	2433	km @	$0.60	$1,459.80		
	Fuel per receipts	BXM No. 1277	1	@	$954.70	$954.70		
	Per receipts	MHuber No.201918	1	@	$5.68	$5.68		
							$2,420.18	
5554	Rentals							
	Field computer/GPS	BXM No. 1277	6	days @	$5.00	$30.00		
	Sat phone/inReach	BXM No. 1277	6	days @	$5.00	$30.00		
	Generator	BXM No. 1277	6	days @	$10.00	$60.00		
							$120.00	
5555	Report							
	Mark Fekete, P.Geo.	BXM No. 1277	3	days @	$750.00	$2,250.00		
	Marty Huber, P.Geo.	MHuber No.201918	3	days @	$750.00	$2,250.00		
							$4,500.00	
5556	Analysis							
	Core assays	Bureau Veritas No. VANI343215	108	samples @	27.75	$3,116.69		
							$3,116.69	
					Total September 2019			**$20,634.96**
						Grand Total		**$35,180.68**


440000
445000
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N
Compilation Work
Core re-sampling
Dempster Vanadium Project
Claims Worked 2019
Kilometers
0
1
2
4
Coordinate System: WGS 1984 UTM Zone 8N

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Re-sampling core	Report	Years	Annual Fee	Total
YF75801	DV	1	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75802	DV	2	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75803	DV	3	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75804	DV	4	5-Oct-19	5-Apr-21	$16,134.96	$22.96	1.5	$ 5.00	$ 7.50
YF75805	DV	5	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75806	DV	6	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75807	DV	7	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75808	DV	8	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75809	DV	9	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75810	DV	10	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75811	DV	11	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75812	DV	12	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75813	DV	13	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75814	DV	14	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75815	DV	15	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75816	DV	16	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75817	DV	17	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75818	DV	18	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75819	DV	19	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75820	DV	20	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75821	DV	21	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75822	DV	22	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75823	DV	23	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75824	DV	24	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75825	DV	25	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75826	DV	26	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75827	DV	27	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75828	DV	28	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75829	DV	29	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75830	DV	30	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75831	DV	31	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75832	DV	32	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75833	DV	33	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75834	DV	34	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75835	DV	35	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75836	DV	36	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75837	DV	37	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75838	DV	38	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75839	DV	39	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75840	DV	40	5-Oct-19	5-Apr-21	$7,272.86	$22.96	1.5	$ 5.00	$ 7.50
YF75841	DV	41	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75842	DV	42	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75843	DV	43	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75844	DV	44	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75845	DV	45	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75846	DV	46	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75847	DV	47	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75848	DV	48	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75849	DV	49	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75850	DV	50	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75851	DV	51	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75852	DV	52	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75853	DV	53	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75854	DV	54	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75855	DV	55	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75856	DV	56	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75857	DV	57	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75858	DV	58	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75859	DV	59	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75860	DV	60	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75861	DV	61	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75862	DV	62	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75863	DV	63	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75864	DV	64	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75865	DV	65	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75866	DV	66	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75867	DV	67	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75868	DV	68	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75869	DV	69	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75870	DV	70	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75871	DV	71	5-Oct-19	5-Apr-21	$7,272.86	$22.96	1.5	$ 5.00	$ 7.50

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Re-sampling core	Report	Years	Annual Fee	Total
YF75872	DV	72	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75873	DV	73	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75874	DV	74	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75875	DV	75	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75876	DV	76	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75877	DV	77	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75878	DV	78	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75879	DV	79	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75880	DV	80	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75881	DV	81	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75882	DV	82	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75883	DV	83	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75884	DV	84	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75885	DV	85	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75886	DV	86	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75887	DV	87	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75888	DV	88	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75889	DV	89	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75890	DV	90	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75891	DV	91	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75892	DV	92	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75893	DV	93	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75894	DV	94	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75895	DV	95	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75896	DV	96	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75897	DV	97	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75898	DV	98	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75899	DV	99	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YF75900	DV	100	5-Oct-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94041	DV	101	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94042	DV	102	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94043	DV	103	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94044	DV	104	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94045	DV	105	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94046	DV	106	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94047	DV	107	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94048	DV	108	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94049	DV	109	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94050	DV	110	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94051	DV	111	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94052	DV	112	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94053	DV	113	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94054	DV	114	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94055	DV	115	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94056	DV	116	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94057	DV	117	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94058	DV	118	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94059	DV	119	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94060	DV	120	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94061	DV	121	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94062	DV	122	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94063	DV	123	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94064	DV	124	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94065	DV	125	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94066	DV	126	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94067	DV	127	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94068	DV	128	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94069	DV	129	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94070	DV	130	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94071	DV	131	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94072	DV	132	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94073	DV	133	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94074	DV	134	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94075	DV	135	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94076	DV	136	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94077	DV	137	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94078	DV	138	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94079	DV	139	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94080	DV	140	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94081	DV	141	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94082	DV	142	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Re-sampling core	Report	Years	Annual Fee	Total
YE94083	DV	143	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94084	DV	144	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94085	DV	145	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94086	DV	146	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94087	DV	147	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94088	DV	148	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94089	DV	149	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94090	DV	150	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94091	DV	151	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94092	DV	152	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94093	DV	153	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94094	DV	154	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94095	DV	155	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94096	DV	156	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94097	DV	157	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94098	DV	158	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94099	DV	159	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94100	DV	160	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94101	DV	161	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94102	DV	162	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94103	DV	163	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94104	DV	164	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94105	DV	165	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94106	DV	166	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94107	DV	167	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94108	DV	168	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94109	DV	169	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94110	DV	170	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94111	DV	171	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94112	DV	172	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94113	DV	173	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94114	DV	174	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94115	DV	175	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94116	DV	176	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94117	DV	177	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94118	DV	178	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94119	DV	179	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94120	DV	180	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94121	DV	181	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94122	DV	182	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94123	DV	183	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94124	DV	184	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94125	DV	185	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94126	DV	186	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94127	DV	187	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94128	DV	188	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94129	DV	189	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94130	DV	190	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94131	DV	191	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94132	DV	192	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94133	DV	193	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94134	DV	194	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94135	DV	195	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
YE94136	DV	196	6-Nov-19	5-Apr-21		$22.96	1.5	$ 5.00	$ 7.50
				Columm Total	$30,680.68	$4,500.00	294	$ 5.00	$ 1,470.00
	Check Column less Expenses (Should be Zero)				$0.00				
	Number of Claims where work was done				196				
		Expenses from Statement of Costs			$35,180.68				
		Work required for requested renewal			$29,400.00				
				Surplus (Deficit)	$5,780.68				
Renewal Fees =		294	years @	$5.00	$1,470.00				