

**Memorandum Assessment Report 2020  
Mount Vic Property**

BIT 1-5  
BULL 3-8  
BULL 9-11, 13, 15  
J.D. 1-2  
JBF 1, 2-5, 7  
JCS 4-18  
JCS 19-38  
JLZ 1  
LGCS 1, 3  
MSL  
RAS 1 4

VIC 1, 3-6  
VIC 7, 8, 9  
VIC 10-23  
VIC 24, 25, 26  
VIC 27-32  
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WEDGE 1-10  
WEDGE 15, 16-17  
Leases:  
COURTLAND  
HAZEL ANNE  
IDA MAY  
MACK  
MYRTLE  
RICCO  
SUNSET

**in the**

**Whitehorse Mining District, Yukon**

**NTS Sheet 115 I/03  
62.12° N. Lat., 137.18° W. Long.  
(YMEP 20-120)**

**Operator**

**Hill 79 Gold Corp. (100%)**

**by**

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

**November 27, 2020**

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**Certificate of Qualifications**

I, Mark Fekete, having my place of residence at 4281 rue St-Hubert in Montréal 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 have not visited the Mount Vic Property;
3. I co-wrote this proposal entitled “Memorandum Assessment Report 2020, Mount Vic Property in the Whitehorse 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 no direct interest in the Mount VIC property as a result of my prior involvement with the property; and
7. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 27<sup>th</sup> day of November 2020,

**(s) “Mark Fekete”**

---

Mark Fekete, P.Geol.

**Certificate of Qualifications**

I, Marty Huber, having my place of residence at 16 Flax Mill Drive 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 in continuously since May 2011, I am a Member in good standing of the Association of Professional Geoscientists of Nova Scotia (#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 have visited the Mount VIC Property most recently in August 2020;
3. I co-wrote this proposal entitled “Memorandum Assessment Report 2020, Mount Vic Property 2020, Mount VIC Property in the Whitehorse 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 no direct interest in the Mount VIC property as a result of my prior involvement with the property; and
7. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 27<sup>th</sup> day of November 2020,

**(s) “Marty Huber”**

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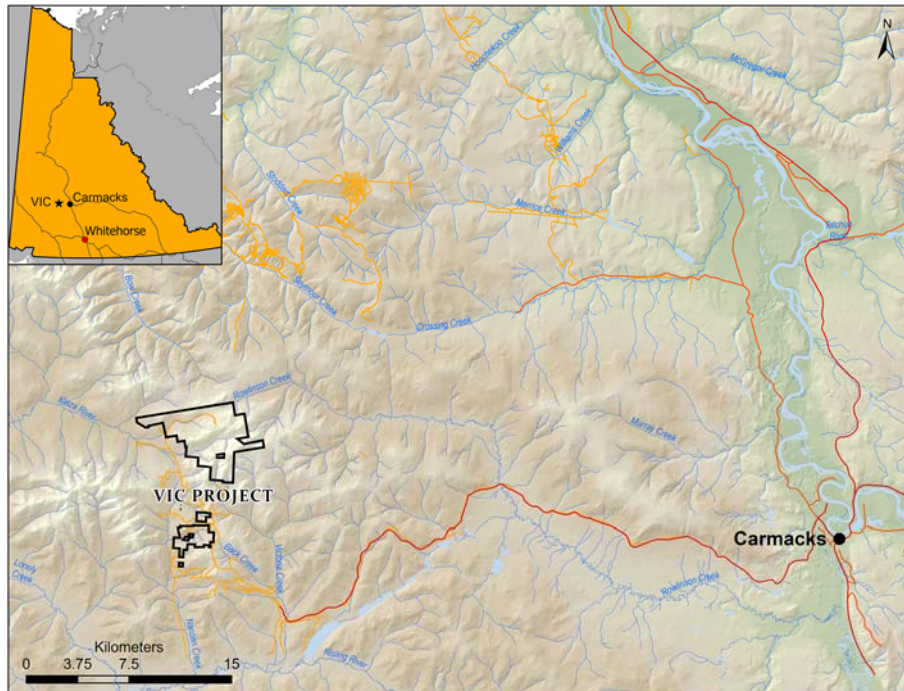
Marty Huber, P.Geol.

## **1. Introduction and Terms of Reference**

This report (the “Report”) describes an exploration program completed on the Mount Vic property (“Mount Vic” or the “Property”) in the Carmacks area of Yukon in 2020. It was prepared by Breakaway Exploration Management Inc. (“Breakaway”) on behalf of Hill79 Resources Corp. (“Hill79”) to satisfy statutory assessment work requirements and complete an application for funding under the Yukon Mining Exploration Program (“YMEP”) “Target Evaluation” module (YMEP No. 20-120). The work included an airborne geophysical survey over the entire Property, soil and rock geochemistry over the “Divide Area” and an evaluation visit completed by an independent professional geologist. Background information in the Report is based on a comprehensive digital compilation of previous work available in the Yukon Energy, Mines and Resources (“Yukon EMR”) *Yukon Assessment File Database* (n.d.).

## **2. Location, Claim Information and Access**

The Property is in the Mount Nansen area approximately 45 kilometers west of Carmacks in southern Yukon at an estimated center described by 62.12° N. Lat., 137.18° W. Long. on NTS Sheet 115103 (Figure 1). It includes 173 un-surveyed and 7 surveyed leases claims covering a total area of 3,243 hectares within the Whitehorse Mining Division more fully described in Table 1. It includes the 128-claim, 2,653-ha “VIC” block (Figure 2) and the 52-claim, 590-ha “Discovery Creek” or “DC” block (Figure 3). The claims are recorded 100% to Aurchem Exploration Inc. (“Aurchem”). Hill79 has signed a “Letter of Intent” with Aurchem whereby it has the option to acquire a 100% of the Property for cash, shares and work expenditures scheduled over a four-year period.



**Figure 1: Location**

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Table 1: List of Claims

Claim Name No.	Lease No.	Grant	#
BIT 1-5		YA97733 to YA97737	5
BULL 3-8		YA81422 to YA81427	6
BULL 9-11, 13, 15		YA86288 to YA86290, YA86292, YA86294	5
J.D. 1-2		YB54755 to YB54756	2
JBF 1, 2-5, 7		YB36259, YB36954 to YB36957, YB36959	6
JCS 4-18		YC25919 to YC25933	15
JCS 19-38		YC25998 to YC256017	20
JLZ 1		YB36258	1
LGCS 1, 3		YA95014, YA95016	2
MSL		YA95099	1
RAS 1-4		YA93138 to YA93141	4
VIC 1, 3-6		YA86308, YA86310 to YA86313	5
VIC 7, 8, 9		Y 76007, YA86314, Y76009	3
VIC 10-23		YA86315 to YA8628	14
VIC 24, 25, 26		Y 76024, YA86329, Y 76026	3
VIC 27-32		YA86330 to YA86335	6
VIC 33-50		YA93037 to YA93054	18
VIC 51, 52, 53, 54		YC19413, YA93056, YC19414, YA93058	4
VIC 55-64		YC19415 to YC19424	10
VIC 71-74		YC19425 to YC19428	4
VIC 93-106		YC19433 to YC19446	14
VIC 107-118		YA93111 to YA93122	12
WEDGE 1-10		YA82167 to YA82176	10
WEDGE 15, 16-17		YA82181, YA93843 to YA93844	3
CORTLAND	OW00391	55836	1
HAZEL ANNE	OW00386	4210	1
IDA MAY	OW00389	39192	1
MACK	OW00388	39134	1
MYRTLE	OW00390	55902	1
RICCO	OW00385	4209	1
SUNSET	OW00387	4243	1

The Property is easily accessible from Carmacks via the Mount Nansen gravel road maintained by Yukon Highways and Public works (Figure 1). The City of Whitehorse, located 175 km south of the Carmacks, provides full services to the mineral exploration industry. Short programs of less than a week may be done from Carmacks. Longer programs require a camp build on the Property or at one of the nearby placer mining camps.

Topography in the area ranges from around 1,000m E.S.L. in low-cut valleys to 1,550m E.S.L. on rounded ridges. The Mount Nansen area was not affected by the Wisconsin ice sheet lying northwest, thus sulphides in mineralized zones are commonly altered to limonite and other oxides with this weathering often reaching to depths up to 70m below surface (Dumka, 2000). The Carmacks area has a dry, northern continental climate with annual precipitation of only 10.4mm most of which falls as rain from June to September. The mean annual temperature is -2°C with lows to highs ranging from -24 to -16 °C in January, and from 9 to 21°C in July (*Timeanddate.com*, n.d.).

# Mount Vic Property - Assessment Report 2020

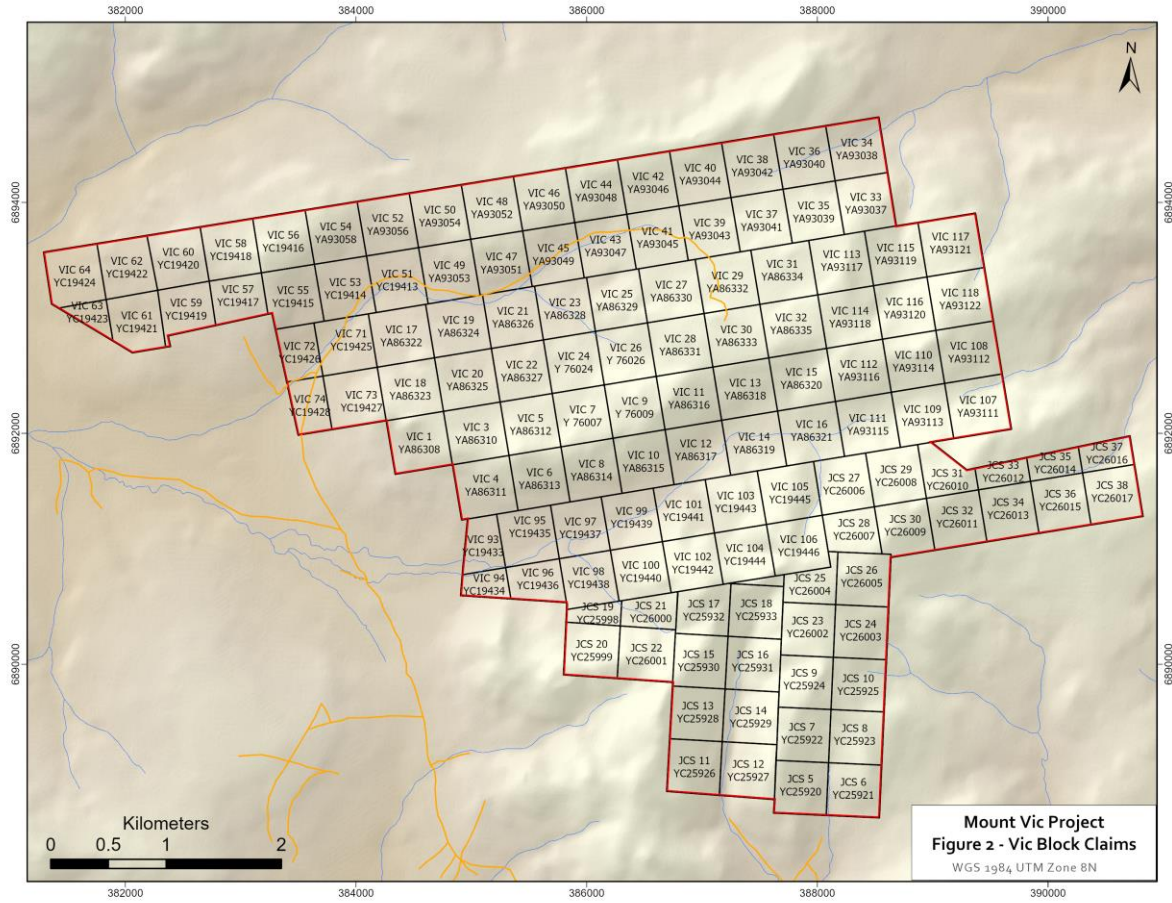


Figure 2: VIC claim block

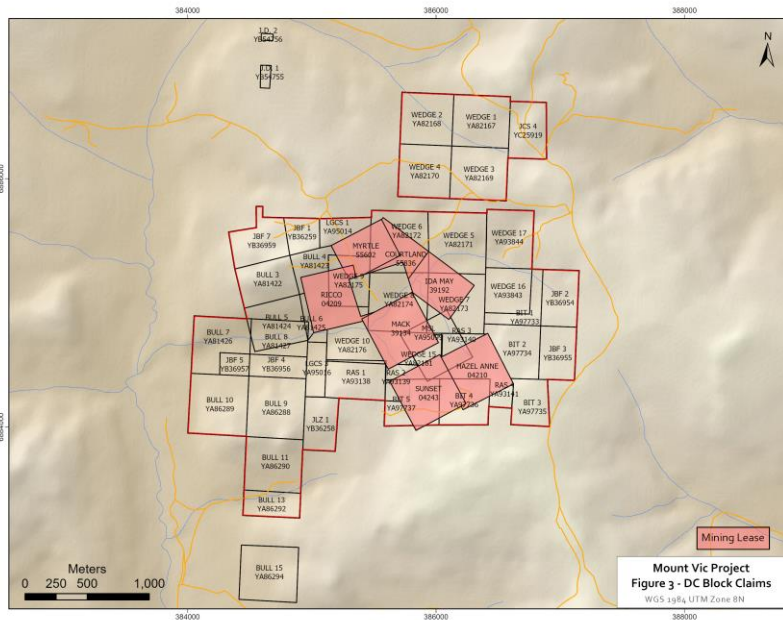


Figure 3: DC claim block



The Property is permitted under Class III Operating License No. LQ00513 (Yukon EMR, n.d.) until March 28, 2024. The license allows for fuel storage, camp, road and trail building, helicopter pad and drill site clearing, trenching, drilling, and technical surveys.

### **3. Exploration History**

#### **3.1. Background**

The first placer gold was found by Henry S. Back on Nansen Creek in July 1899 but no work was done until 1907 (Bostock, 1936). The first placer claim was staked on June 13, 1910, by Frank H. Back and Tom Bee. Lode gold was first discovered in the area by prospectors A. Brown and G. McDade in 1943 (Stroshein, 1999). Brown-McDade Mines Ltd. was formed and explored this discovery from 1945 to 1947 with roughly 750m of underground drifts and crosscuts. This development led to increased exploration in the area resulting in the discovery of the Huestis and Webber veins roughly 3km west of Brown-McDade.

The Huestis and Webber veins were mined in 1968-69 and approximately 20,000 tonnes of ore were milled. The Huestis vein was mined again briefly in 1975 and a further 5,500 tonnes of ore were processed. Combined production from these periods is estimated at 3,900 ounces of gold and 91,500 ounces of silver with average metal recoveries of 60% (Stroshein, 2006a).

From 1996 to 1999, BYG Natural Resources Inc.'s ("BYG") Mount Nansen milling operations produced an estimated 37,600 ounces of gold and 142,700 ounces of silver from 350,000 tonnes mined from the Brown-McDade open pit with estimated recoveries at 70% for gold and 40% for silver (Stroshein, 2006a). Average recovery grades were 3.3gpt Au and 12.7gpt Ag calculated from the production figures above.

Exploration from 1943 to the present has led to the discovery of numerous other mineral showings in the Mount Nansen area. Hart & Langdon (1997) list 30 mineral occurrences most of which are quartz-sulphide veins and breccias, but also recognize several porphyry-type Cu-Mo occurrences adjacent to the Mount Nansen porphyry complex (Figure 4). The latest development in the area has been definition drilling on the Klaza Au-Ag-Pb-Zn deposit where a significant NI43-101 resource has been recently estimated (Ross et al., 2018).

Table 2 lists all mineral occurrences in the area of Mount Vic property documented in the Yukon Mineral Occurrence Database (n.d.) or "Minfile". Hart & Langdon (1997) provide a more comprehensive list. Table 3 lists adjacent local deposits with either historical or NI43-101 resource estimates as indicated. The following discussion of previous work on Mount Vic is divided into separate sections for the VIC and DC blocks. Table 4 provides a comprehensive list of previous assessment work reports filed on the Property (*Yukon Assessment File Database*, n.d.).

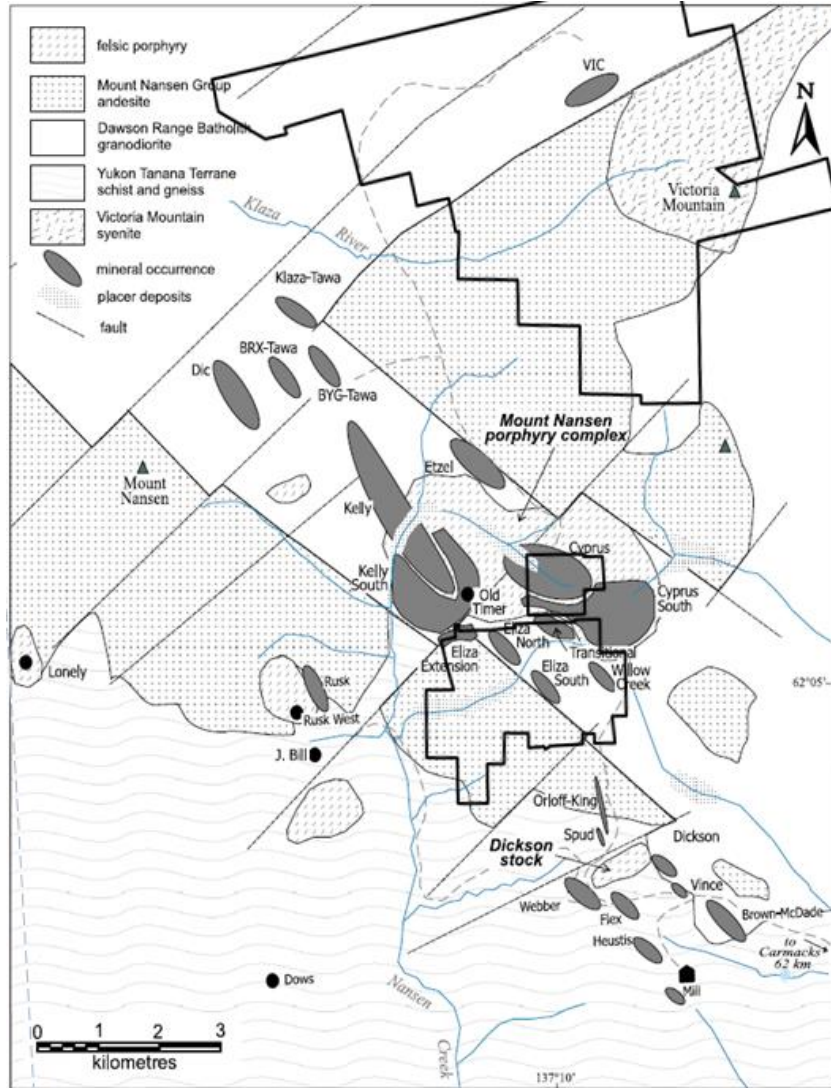


Figure 4: Mineral occurrences Mount Nansen area, after Hart & Langdon (1997)

Table 2: Yukon Minfile occurrences

MF	NTS No.	Name	mE	mN	Type	Source
14299	115I 068	Maverick <sup>1</sup>	386666	6893222	Vein Au-Quartz	(Yukon Minfile 14299, n.d.)
14296	115I 064	Brown-McDade	389064	6881580	Epithermal Au-Ag-Cu	(Yukon Minfile 14296, n.d.)
14297	115I 065	Mount Nansen	386218	6882177	Epithermal Au-Ag-Cu	(Yukon Minfile 14297, n.d.)
14298	115I 066	Cyprus	386508	6886765	Porphyry Cu-Mo-Au	(Yukon Minfile 14298, n.d.)
14323	115I 093	Eliza South (Goulter) <sup>1</sup>	386140	6884960	Porphyry Cu-Mo-Au	(Yukon Minfile 14323, n.d.)
15018	115I 067	Klaza	382383	6890965	Epithermal Au-Ag	(Yukon Minfile 15018, n.d.)
16804	115I 133	Dickson	387554	6882493	Unknown	(Yukon Minfile 16804, n.d.)
16805	115I 134	Orloff-King	386957	6883633	Unknown	(Yukon Minfile 16805, n.d.)
16806	115I 135	Spud	387044	6884367	Epithermal Au-Ag-Cu	(Yukon Minfile 16806, n.d.)
16809	115I 138	Huestis	387600	6881270	Epithermal Au-Ag-Cu	(Yukon Minfile 16809, n.d.)
16811	115I 140	Cyprus South	387241	6885910	Porphyry Cu-Mo-Au	(Yukon Minfile 16811, n.d.)
16812	115I 141	Old Timer	385251	6886137	Unknown	(Yukon Minfile 16812, n.d.)
16813	115I 142	Eliza North <sup>1</sup>	385823	6885345	Unknown	(Yukon Minfile 16813, n.d.)
16814	115I 143	Eliza East	385274	6885709	Unknown	(Yukon Minfile 16814, n.d.)
16815	115I 144	Transition <sup>1</sup>	386516	6885500	Unknown	(Yukon Minfile 16815, n.d.)

1. Within the current Property boundary.

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**Table 3: Mount Nansen local deposits**

Name	Deposit Type	Metals	Category	Tonnage	gpt Au	gpt Ag	Koz. Au	Source
Maverick <sup>1</sup>	Vein Au-Quartz	Au	Inferred	23,720	12.6	-	-	(Ellemers, 2006)
Brown-McDade <sup>1</sup>	High-S Epithermal	Au,Ag	Indicated	126,100	6.2	51	-	(Stroshein, 2006a)
			Inferred	25,000	10.7	51		
Huestis <sup>1</sup>	Epithermal	Au,Ag	Indicated	84,000	14.0	288	-	(Stroshein, 2006b)
			Inferred	38,100	14.3	309		
Webber <sup>1</sup>	Epithermal		Indicated	58,500	10.5	600	-	(Stroshein, 2006b)
			Inferred	26,900	7.0	472		
Flex <sup>1</sup>	Epithermal	Au,Ag	Indicated	-	-	-	-	(Stroshein, 2006b)
			Inferred	40,900	4.9	158		
Klaza <sup>2</sup>	Low-S Epithermal	Au,Ag,Pb,Zn	Indicated	4,457,000	6.3 <sup>3</sup>	-	907 <sup>3</sup>	(Ross et al., 2018)
			Inferred	5,714,000	3.9 <sup>3</sup>	-	725 <sup>3</sup>	

1. Historical, 2. NI43-101, 3. Au equivalent

**Table 4: Previous assessment work reports**

Block	Year	AR No.	Company	Work Summary	Author
VIC	2008	095087	Aurchem	TR	(Stroshein, 2009)
VIC	2008	120214	Aurchem	GP	(Arctic Geophysics Inc., 2008)
VIC	2008	094989	Aurchem	TR	(Stroshein, 2007)
VIC	2006	094806	Aurchem	TR DD RC	(Ellemers, 2006)
VIC	2004	094493	Aurchem	DD	(Ellemers & Stroshein, 2005)
VIC	2003	094464	Aurchem	GL GC TR	(Stroshein, 2004b)
VIC	2002	094400	Aurchem	GL GC TR	(Stroshein, 2003)
VIC	2001	094238	Aurchem	GL GC TR	(Stroshein, 2001)
VIC	1988	092632	Chesbar	DD	(Sutherland, 1988)
VIC	1986	091907	Kerr Addison	GL GP GC DD	(Heberlein & Lyons, 1986)
VIC	1985	091726	Kerr Addison	GL GC	(Baldys & Arscott, 1985)
DC	2011	095471	Ansell	GL GC	(Struyk & Dadson, 2011)
DC	2008	095089	SaskCo	GP	(Middleton, 2009)
DC	2003	094450	Aurchem	GL GC TR	(Stroshein, 2004a)
DC	2002	094329	Aurchem	GL GC TR	(Stroshein, 2002)
DC	1997	093701	BYG	DD	(Langdon, 1997a)
DC	1996	093526	BYG	GL GC TR	(Langdon, 1997b)
DC	1994	YEIP 94-050	Aurchem	DD	(Langdon, 1994)
DC	1993	093138	Aurchem	GC	(Langdon, 1993)
DC	1992	093059	Aurchem	RC	(Langdon, 1992)
DC	1991	092987	Aurchem	GP	(Roth, 1991)
DC	1990	092943	Aurchem	GL TR	(Langdon, 1990)
DC	1989	092770	Aurchem	GP TR	(Langdon, 1989)
DC	1988	092588	Aurchem	DD GL GP	(Langdon, 1988)
DC	1987	091958	Aurchem	DD	(Langdon, 1987)
DC	1986	092153	Aurchem	GL GP GC	(Langdon, 1986b)
DC	1986	091845	Aurchem	GL GP GC	(Langdon, 1986a)
DC	1985	091658	Prochem	GL GP GC	(Anderson, 1985)
DC	1980	090616	Cominco	GT	(Nagy, 1980)
DC	1959	060738	Silver Standard	GP	(Hall of, 1959)
DC	1958	092059	Silver Standard	GL	(Campbell, 1958)

### 3.2. VIC Block History

The Maverick showing on the current VIC block was originally prospected and staked as the Divide claims in November 1948 by Gordon Dickson and Karl Springer (Carlson, 1987). Maverick was staked intermittently by Dickson from 1948 to 1973 and various companies did limited sampling and trenching from time to time during this period. In 1974, Dickson optioned the claims to Skyline Exploration Ltd. whom, in a joint venture with Dynasty Explorations Ltd., did extensive bulldozer trenching and bulk sampling. No

technical data was filed for this work, but the many bulldozer trenches completed by Skyline are still very evident.

Dickson re-staked the Vic area in 1985 and from then to 2008 substantial exploration work was completed with prospecting, geological mapping, soil geochemical and geophysical surveys, excavator trenching and drilling. Most of the work was done at the Maverick showing which is variously referred to in assessment reports as “Divide”, “Dickson”, “2800”, “28”, “#1” or “Vic”. Work was also done at the “Skyline” (also “South” or “2650”) showing and “H” (also “West”, “2500”, or “25”) showing. This report uses the names Maverick, Skyline and H when discussing these zones individually, and refers to the “2750”, “2600”, “L” and “T” zones (Figure 5). Substantially all work was done at these showings within an area that covers less than 10% of the current VIC claim block. This area is referred to in the report as the “Divide area”.

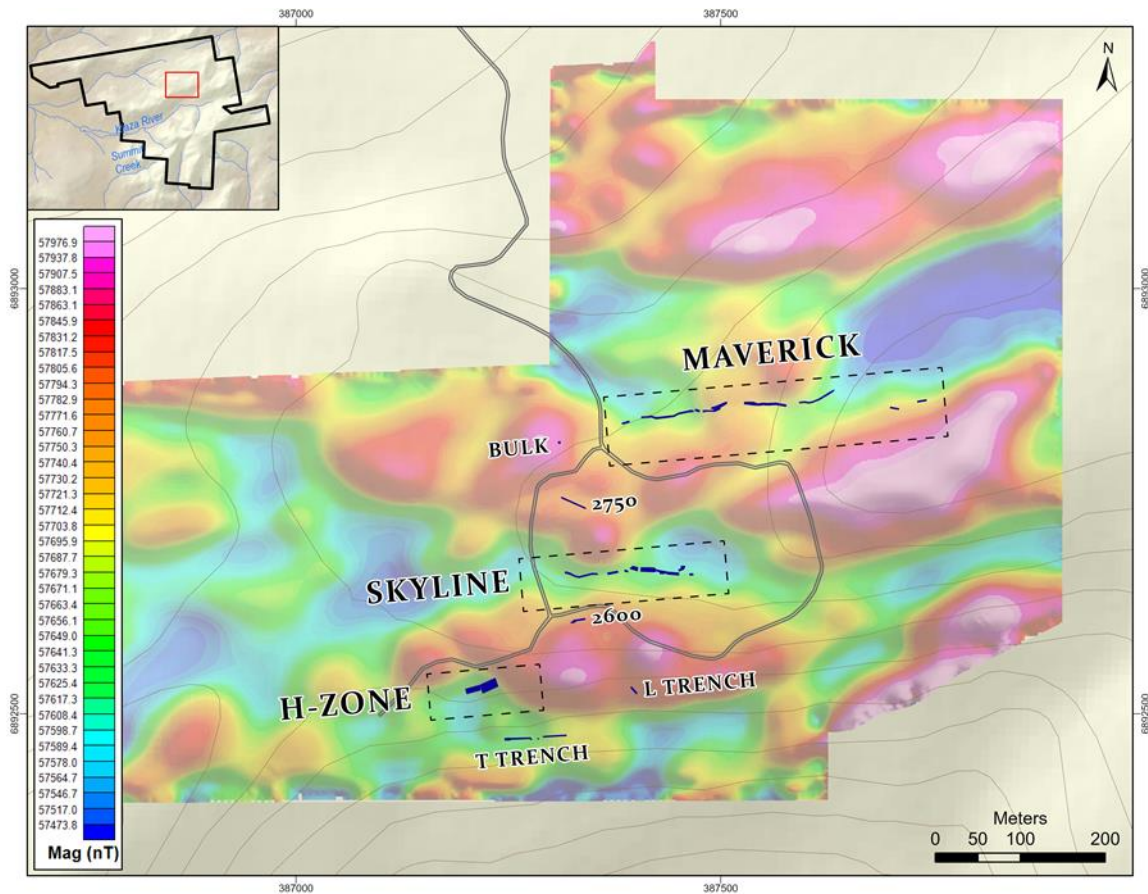
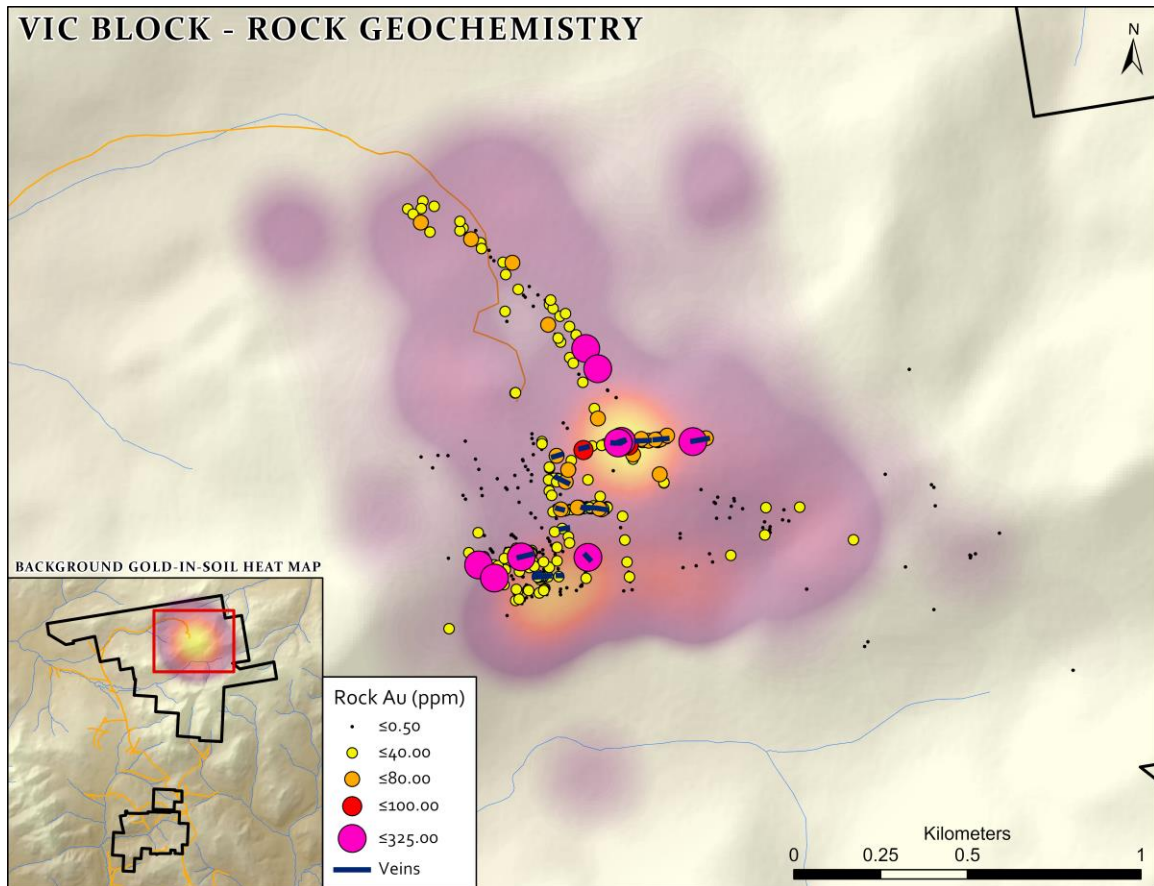


Figure 5: VIC previous work compilation

From 1985 to 1988, work was done in the Divide area by Kerr Addison Mines Ltd. followed by Chesbar Resources Inc. These companies did geological mapping, geochemical and geophysical surveys followed by trenching and 3,966.4m of core drilling in 39 holes.

A syenite porphyry was identified in the central part of the VIC block cut by numerous east- and northeast-trending massive felsic dykes and younger rhyodacite quartz-feldspar porphyry dykes. Gold-bearing quartz veins were found in and thought to be related to clay-limonite-hematite alteration adjacent to the dykes. The drilling intersected numerous gold-bearing quartz vein intervals (Appendix A). Soil geochemical were also very strong outlining a significant gold-in-soil anomaly (Figure 6).



**Figure 6: VIC compilation previous surface rock assays over gold-in-soil results**

In the late 1980's Dickson expanded the Divide area to the present VIC block by staking. In 1995 the Vic claims were purchased by Aurchem from Dickson's estate thus consolidating the VIC block with Aurchem's earlier Discovery Creek project. In 1995 the entire project was optioned in to BYG Natural Resources Inc. in part and in part to BYG and Trumpeter Yukon Gold Inc. The property formed part of a larger project held jointly by BYG, Trumpeter and Conquest Yellowknife Resources Inc. The exact nature of these parties' interests is unclear. In any case, work done by the BYG syndicate was focused on the DC claim block near the headwaters of Discovery Creek and the VIC claims were essentially idle until 2001. The BYG syndicate agreement was terminated following BYG entering bankruptcy and receivership in 1999.

From 2001 to 2008, Aurchem completed extensive work in the Divide area consisting mainly of trenching and sampling and limited geological, geochemical and geophysical surveys. Aurchem was the first company to use an excavator and much of its trenching work was done to clean out the many existing Skyline bulldozer trenches. Numerous intervals of high-grade gold mineralization were obtained from the quartz veins exposed by trenching at the Maverick, Skyline and H. zones.

From 2004 to 2006, 2,755.0m of core drilling was done in 29 holes and 108.0m of RC in three holes at Maverick with many gold intersections reported (Appendix A). The Maverick vein was traced over a 100m strike length at an average width of 1.3m and grade of 20.14gpt Au, and the drill data was used to calculate a resource estimate of 23,720 tonnes at 12.63gpt (Ellemers, 2006). There are no details on how this resource was calculated so it should be considered historical in nature and not reliable.

During this period Aurchem also did 231.0m of RC drilling in 8 holes at the Skyline zone with intersections up to 15.6gpt Au over 1.5m m (Appendix A). Shallow drilling was also done at the H zone including 154.0m of core drilling in seven holes and 111.0m of RC drilling in five holes. Near surface intersections up to 14.65gpt Au over 3.0m from 0.8m were reported.

In 2007, Aurchem collected bulk samples from the Maverick and Skyline veins. The 21 composite samples from the Maverick bulk sample returned values ranging from 2.9 to 72.5gpt Au for an average gold grade of 49.9gpt. The 42 composite samples from the Skyline bulk sample yielded values ranging from <0.025 to 70.0gpt Au for an average gold grade of 16.0gpt Au. In 2008, more trenching and sampling was done, and numerous high-grade results reported.

**Table 5: Drill hole summary**

Block	Year	Company	Type	m	#	Area - Showing	Source
VIC	2005	Aurchem	RC	231.0	8	Divide - Skyline	(Ellemers, 2006)
VIC	2005	Aurchem	RC	108.0	3	Divide - Maverick	(Ellemers, 2006)
VIC	2005	Aurchem	DD	220.0	3	Divide - Maverick	(Ellemers, 2006)
VIC	2005	Aurchem	RC	111.0	5	Divide - H	(Ellemers, 2006)
VIC	2005	Aurchem	DD	154.0	7	Divide - H	(Ellemers, 2006)
VIC	2004	Aurchem	DD	695.0	8	Divide - Maverick	(Ellemers & Stroshein, 2005)
VIC	2004	Aurchem	DD	1,840.0	18	Divide - Maverick	(Ellemers, 2006)
VIC	1989	Chesbar	DD	2,372.0	20	Divide	(Sutherland, 1988)
VIC	1986	Kerr Addison	DD	1,594.4	19	Divide	(Heberlein & Lyons, 1986)
				7,325.4	91		
DC	1997	BYG	DD	1,559.8	10	Eliza N. & Tit Mtn.	(Langdon, 1997a)
DC	1994	Aurchem	RC	507.8	3	Eliza N. & Tit Mtn.	YEIP 94-050
DC	1994	Aurchem	RC	3,346.9	24	Eliza N. & Tit Mtn.	n/a
DC	1992	Aurchem	RC	3,384.6	32	Eliza S., Willow & Trans.	(Langdon, 1992)
DC	1988	Aurchem	DD	1,219.2	12	Eliza S., Willow & Trans.	(Langdon, 1988)
DC	1987	Aurchem	DD	797.4	15	Eliza S., Willow & Trans.	(Langdon, 1987)
				10,815.7	96		
		Total		18,141.1	187		

### **3.3. DC Block History**

The area of the current DC block was explored sporadically between 1946 and 1972 with limited surface exploration and trenching by various groups. Part of the current DC block includes seven mining leases originally staked by Courtland F.G. ("Frank") Goulter in 1946 and brought to lease in 1957 (the "Leases"). In 1972 Goulter dealt the leases to Area Exploration Co. ("Area"), a subsidiary of Cyprus Exploration Corp. Ltd. that was exploring porphyry-type Cu-Mo adjacent to the Mount Nansen Porphyry Complex first identified by Silver Standard in 1958 (Campbell, 1958 and Hallof, 1959). From 1971 to 1975, Area carried out geochemical, geophysical and geological surveys, and drilled approximately 4,500m in 26 holes at the Cyprus and Cyprus South showings. This work, although poorly documented, confirmed the presence of widespread, low-grade, porphyry-type Cu-Mo mineralization.

The area was dormant until 1984 when Dickson staked the Wedge claims north of the Leases to cover the possible strike extension of the Brown-McDade deposit. In 1985 he optioned them to Prochem Ltd. ("Prochem"). Prochem also purchased the Leases from Goulter in 1986 apparently shortly after the Leases had been returned to Goulter because of a Yukon Supreme Court decision involving litigation between Area and Goulter. Prochem also staked the RAS, LGCS and BIT claims to form the Discovery Creek project. Prochem changed its name to Aurchem and from 1985 to 1999 completed or was involved with extensive exploration on the DC block.

From 1985 to 1993, Aurchem completed geological, geochemical and geophysical surveys, and trenching and sampling over the Transition, Eliza South and Willow areas of the property to test a series of northwest-trending, gold-bearing polymetallic veins containing pyrite, arsenopyrite, galena and sphalerite. In 1987 and 1988, 2,039.0m of core drilling in 31 holes was done in these areas followed in 1992 by 3,385.0m of RC drilling in 32 holes. The drilling was generally done on widely spaced sections.

Strong soil geochemistry results in 1993 identified a new area in the in the northwest corner of the DC block on the southern side of Tit Mountain. This area became know as the "Eliza North" or "Eliza Extension" as it appears be on the same northwest-trending structure as Eliza South. In 1994, 3854.7m of RC drilling was completed in 27 holes. Strong gold-bearing intervals were intersected in several of the Eliza RC holes including 7.21gpt Au over 15.2m from 56.4m in hole RC94-05 (Appendix A).

Under the BYG syndicate agreement outlined in section 3.2 above, the DC block was greatly expanded to 172 claims in 1995. In 1996, BYG as operator completed a trenching campaign in the Eliza North area to follow-up the strong 1994 RC drill results. In 1997 BYG continued with 1,559.8m of core drilling in 10 holes with marginal results. The BYG syndicate agreement was terminated in 1999 after BYG went bankrupt and its assets were placed into receivership.

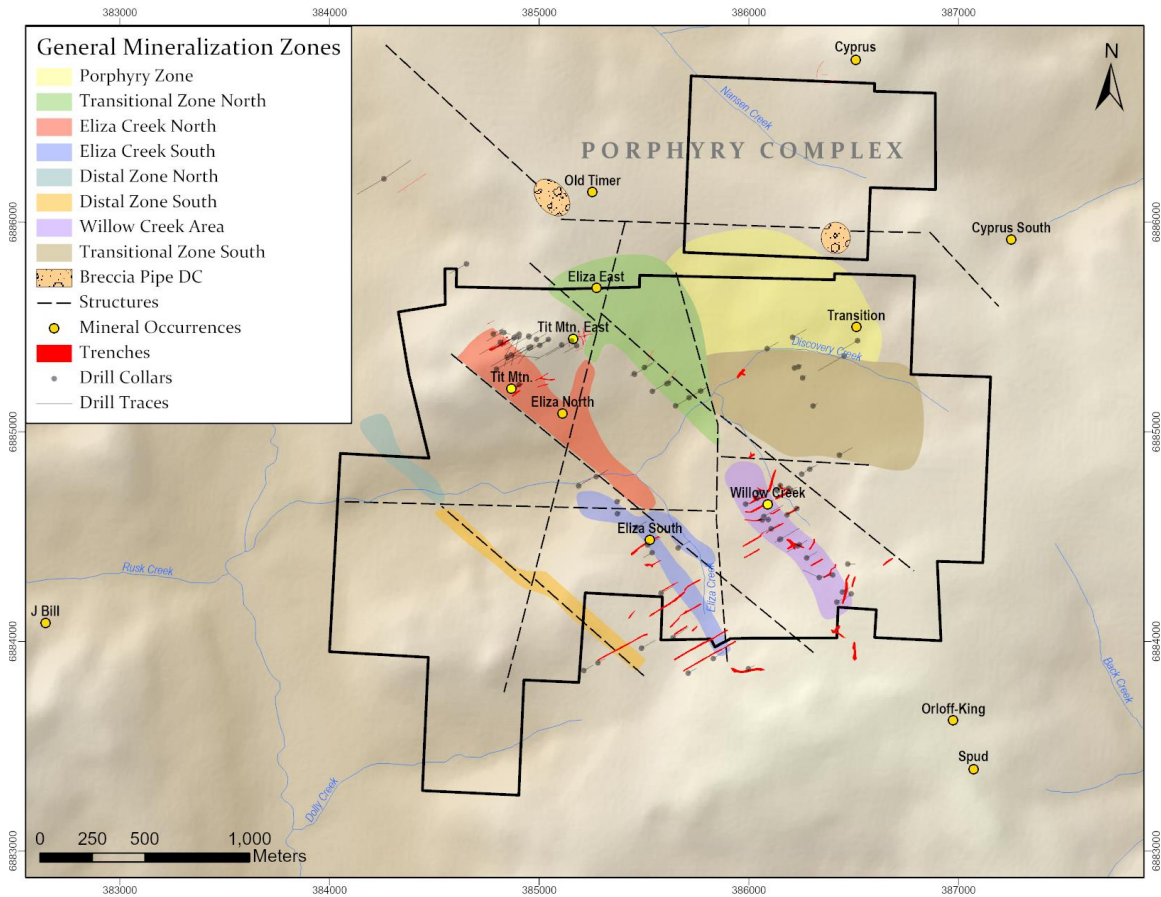


Figure 7: DC previous drill and trench compilation with mineralization zones

Aurchem resumed exploration in 2002, with excavator trenching and bulldozer stripping two sites in the Eliza North area. These sites became known as the “Tit Mountain” and “Tit Mountain East”, and both returned excellent surface gold values. A follow up trenching program was done in 2003 also with strong surface results. This was the last record of Aurchem doing work on the DC block as its focus shifted to the VIC block.

In 2007 the Mount Nansen Peripheral claims (Stroshein, 2006b) were sold by the receiver PwC Canada to 101073531 Saskatchewan Ltd. (“SaskCo”) for \$3.2 million (Middleton, 2009). These claims, directly east of the DC property, became known as the Charlotte project. SaskCo engaged Geotech Ltd. to fly a 638-km VTEM-Magnetic geophysical survey in 2008. This survey covered all the present DC block and part of the southern part of the present VIC block, but unfortunately was flown on east-west lines. At some time prior to 2011, the Charlotte property was transferred to Guinness Exploration Ltd. and subsequently in March 2011 optioned to Ansell Capital Corp. (“Ansell”). In May 2011, Ansell optioned the DC block claims from Aurchem, and later that year completed a reconnaissance mapping and soil geochemistry program (Struyk & Dadson, 2011). Strong gold-in-soil anomalies with values up to 2,308ppb Au were outlined over the Transition zone. No further work was reported after 2011.



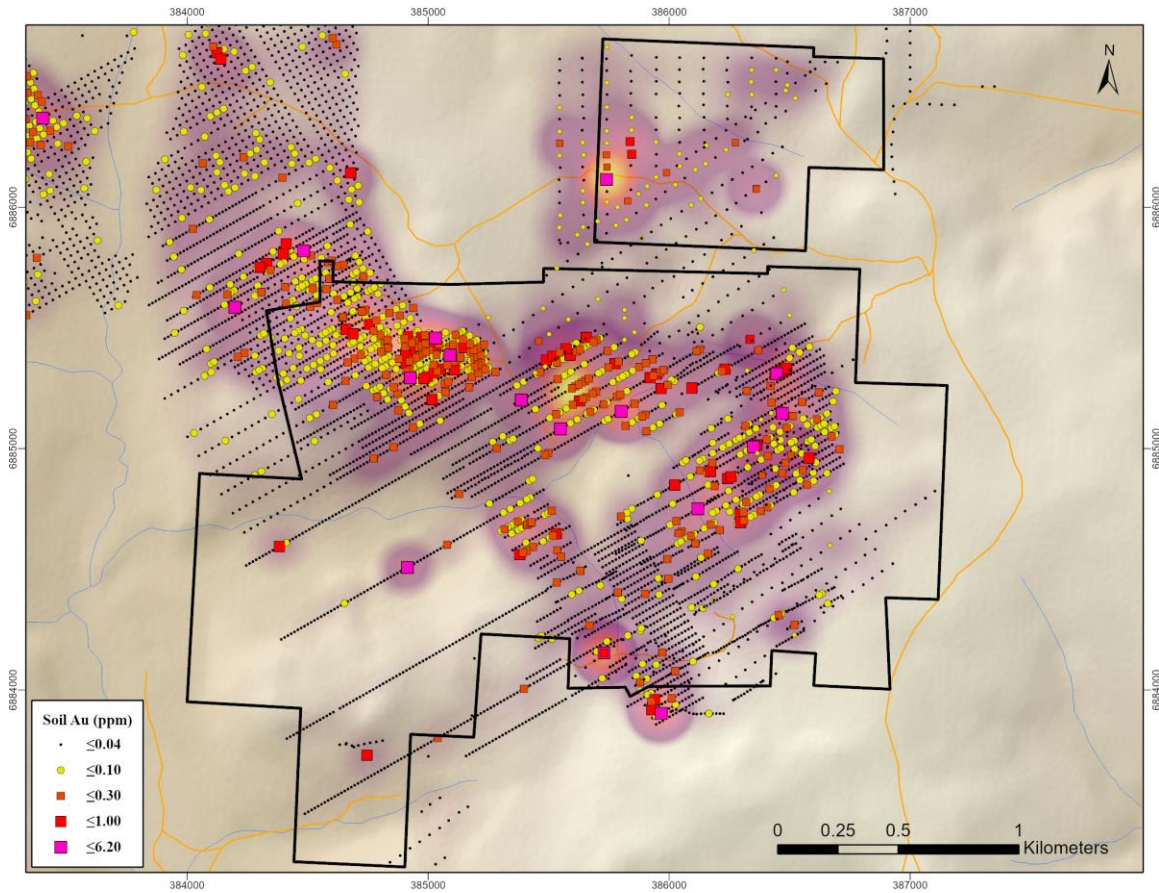


Figure 8: DC previous soil geochemistry compilation

At some time after 2011, many of the Discovery Creek claims lapsed or were transferred under uncertain circumstances and the property was reduced to the present DC block. Many of the soil samples and drill holes done on or on behalf of Aurchem from 1985 to 2011 are located outside the present property boundaries (Figure 8).

#### 4. Geological Setting

##### 4.1. Regional Geology

The Property lies at the southeastern extremity of the Dawson Range Batholith which lies on the northeastern margin of the allochthonous Yukon-Tanana terrane (Figure 9). The batholith was emplaced as a result of periodic magmatism along a northeast-dipping subduction zone outboard of the intermontane Yukon-Tanana starting in the late Mesozoic (Allan et al., 2013). The batholith consists primarily of early Cretaceous Whitehorse Suite massive, felsic granites and coeval Mount Nansen Group calc-alkaline volcanics, intruded by mid-Cretaceous Casino Suite high-level, calc-alkaline stocks, porphyry dykes, and breccias, and late Cretaceous Prospector Mountain Suite high level, quartz-feldspar porphyry stocks, porphyry dykes, and breccias. Much of the southeastern part of the Dawson Range batholith is covered with Carmacks Group

volcanic rocks which erupted about the same time as the Prospector Mountain Suite was emplaced.

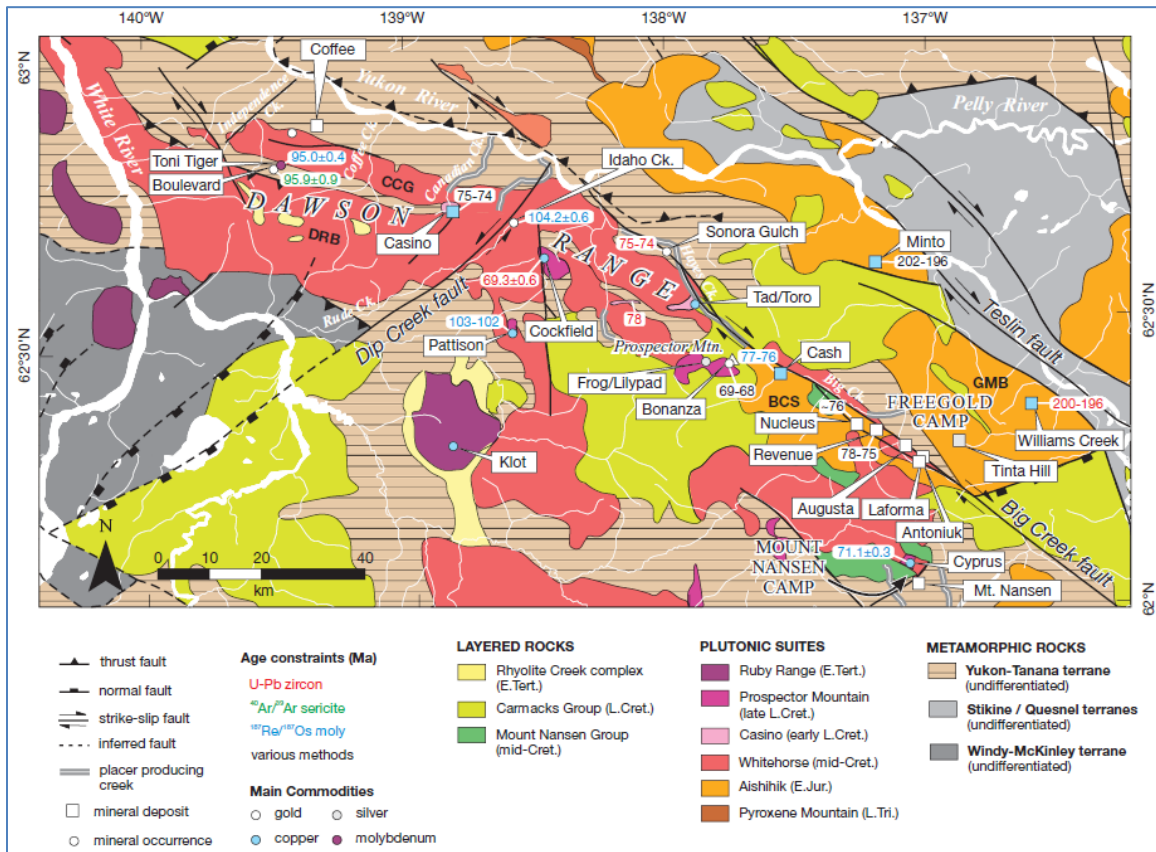


Figure 9: Dawson Range Batholith with mineral deposits, from Allan et al. (2013)

#### 4.2. Local Geology

The Mount Nansen area has been mapped on a regional scale by Bostock (1936) and Carlson (1987). Mapping is ongoing with recent studies by (Klöcking et al., 2016), (Ryan, Israel, et al., 2016) and (Ryan, Westberg, et al., 2016). The local geology of the area is summarized on Figure 10. The eastern third of the map area is dominated by Simpson Range Suite foliated, felsic meta-plutonic rocks. The southwestern corner is underlain mostly by Finlayson Formation mafic meta-volcanics rocks and minor Snowcap Formation meta-sediments. These rocks all belong to the Yukon Tanana Terrane. The northwestern corner of the map area is dominated by Whitehorse Suite granitic rocks and Mount Nansen Group intermediate volcanics. These rocks are intruded by several Prospector Mountain Suite quartz-feldspar porphyry stocks and dykes including the Mount Nansen Porphyry Complex. A syenite body in the north-central part of the area has been mapped as part of the early Jurassic Long Lake Suite. The very northeast corner is underlain by Carmack Group volcanics.

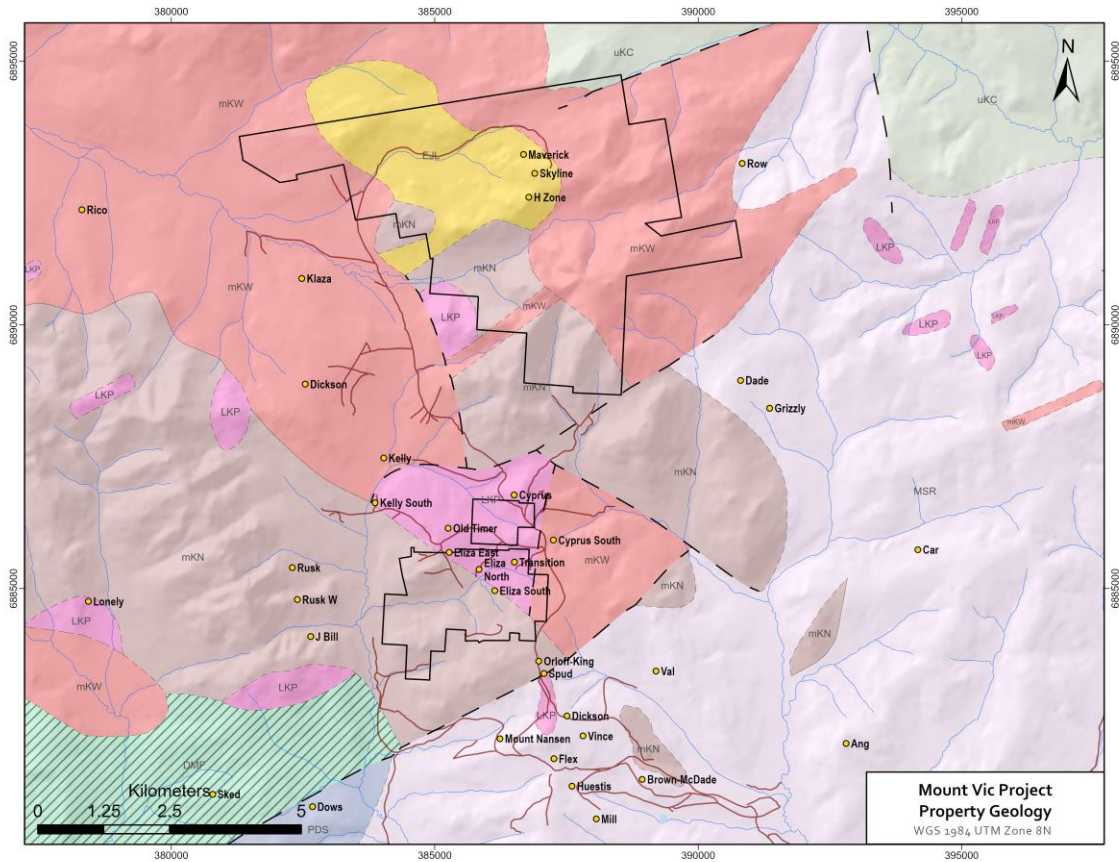


Figure 10: Local geology after Gordey & Makepeace (2000)

Table 6: Local lithologies

**LATE CRETACEOUS TO TERTIARY**

LKP: PROSPECTOR MOUNTAIN SUITE: grey, fine to coarse-grained, massive, granitic rocks of felsic (q), intermediate (g) and rarely mafic (d) composition plus related felsic dykes (f);

LKgP: PROSPECTOR MOUNTAIN SUITE: hornblende-biotite granodiorite, hornblende diorite, quartz diorite (Wheaton Valley Granodiorite)

LKIP: PROSPECTOR MOUNTAIN SUITE: quartz-feldspar porphyry

**MID-CRETACEOUS**

mKW: WHITEHORSE SUITE: grey, medium to coarse-grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition:

mKdW: WHITEHORSE SUITE: hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro (Whitehorse Suite, Coast Intrusions)

mKgW: WHITEHORSE SUITE: biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts (Whitehorse Suite, Casino Granodiorite, McClintock Granodiorite, Nisling Range Granodiorite)

mKqW: WHITEHORSE SUITE: biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite (Mount McIntyre Suite, Whitehorse Suite, Casino Intrusions, Mount Ward Granite, Coffee Creek Granite)

mKN: MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows breccia and tuff; massive, heterolithic, quartz- and feldspar-phyric, felsic lapilli tuff; flow-banded quartz-phyric rhyolite and quartz-feldspar porphyry plugs, dykes, sills and breccia (Mount Nansen Gp., Byng Creek Volcanics, Hutshi Gp.)

**UPPER CRETACEOUS**

uKC1: CARMACKS: augite-olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows; vesicular, augite-phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks (Carmacks Gp., Little Ridge Volcanics, Casino Volcanics)

**EARLY JURASSIC**

EJyL: LONG LAKE SUITE: resistant, dark weathering, massive, coarse to very coarse-grained and porphyritic, mesocratic hornblende syenite, locally sheared, commonly fractured and saussuritized; locally has well developed layering of aligned pink K-feldspar tablets (Big Creek Syenite)

**MISSISSIPPIAN**

MgSR: SIMPSON RANGE SUITE: Foliated to strongly foliated, fine to medium-grained, hornblende-bearing metagranodiorite, metadiorite and metatonalite.

**DEVONIAN, MISSISSIPPIAN AND(?) OLDER**

DMF: FINLAYSON: Intermediate to mafic volcanic and volcanoclastic rocks

**NEOPROTEROZOIC AND PALEOZOIC**

PDS: SNOWCAP: Quartzite, psammite, pelite and marble; minor greenstone and amphibolite

### **4.3. Property Geology**

The northern and eastern parts of the VIC block are underlain by Whitehorse felsic granitic rocks. The southern part is underlain by Mount Nansen volcanic rocks. The Victoria Mountain syenite, mapped as Long Lake, occupies the northwest corner of the block. The northeastern half of the DC block is underlain by the Mount Nansen porphyry complex and the southwestern half by Mount Nansen volcanics.

Much of the Property is covered by overburden or extremely weathered bedrock. Relatively sparse outcrop exposure has prevented detailed mapping campaigns. Much of the property geology has been interpreted from geophysical and geochemical surveys and inferred from lithologies noted in trenches and drill holes. The geology is structurally complex with a dominant set of northwest-trending faults and secondary, discontinuous, derivative set trending north-northeast. A third set of weak faults trends east. These faults are marked by argillic alteration, and phyllic to propylitic alteration has been noted adjacent to the Mount Nansen porphyry complex, the Dickson stock and porphyry dykes belonging to the Prospector Mountain Suite.

### **4.4. Mineralization and Deposit Model**

Hart & Langdon (1997) discuss the mineral deposits of the Mount Nansen camp in detail. Most of the mineral deposits and showings occur as northwest-trending, steeply dipping epithermal quartz-sulphide veins within a northwest-trending corridor 12 km long by 3 km that stretches from the Klaza deposit in the northwest to the Brown-McDade deposit in the southwest. This corridor is referred to as the Nansen trend.

Most of these quartz-sulphide veins occur in dominant, long, ductile faults and shear zones generally oriented at 150° that often host quartz-porphyry dykes. Quartz-sulphide veins, stockworks and breccias are also found in secondary, discontinuous, brittle faults, trending generally at 20°. The intersection points of these two vein sets cause “blow-outs” where there are typically greater volumes of quartz-sulphide material. A third set of faults with orientation ranging from 50° to 80° has also been recognized. Generally, this set does not carry quartz-sulphide veins but there are notable exceptions. Quartz veins with coarse-grained pyrite, galena and sphalerite tend to show higher precious metal values than quartz veins with fine-grained pyrite and arsenopyrite.

Hart & Langdon (1997) also note that most of the quartz-sulphide occurrences within the Nansen trend are adjacent to the Mount Nansen porphyry complex and the Dickson stock. They identify four mineralized zones defining a porphyry to epithermal vein transition from a Central Porphyry zone, to a Peripheral Porphyry zone, to a Transitional zone to an Epithermal Vein zone. These zones are schematically presented in Figure 11. This transitional model is echoed in Lee et al. (2020) who suggest that the quartz-sulphide epithermal veins that make up the Klaza deposit occur within the phyllic alteration shell of a Cu-Au-Mo porphyry formed as part of porphyry to epithermal vein transitional system.

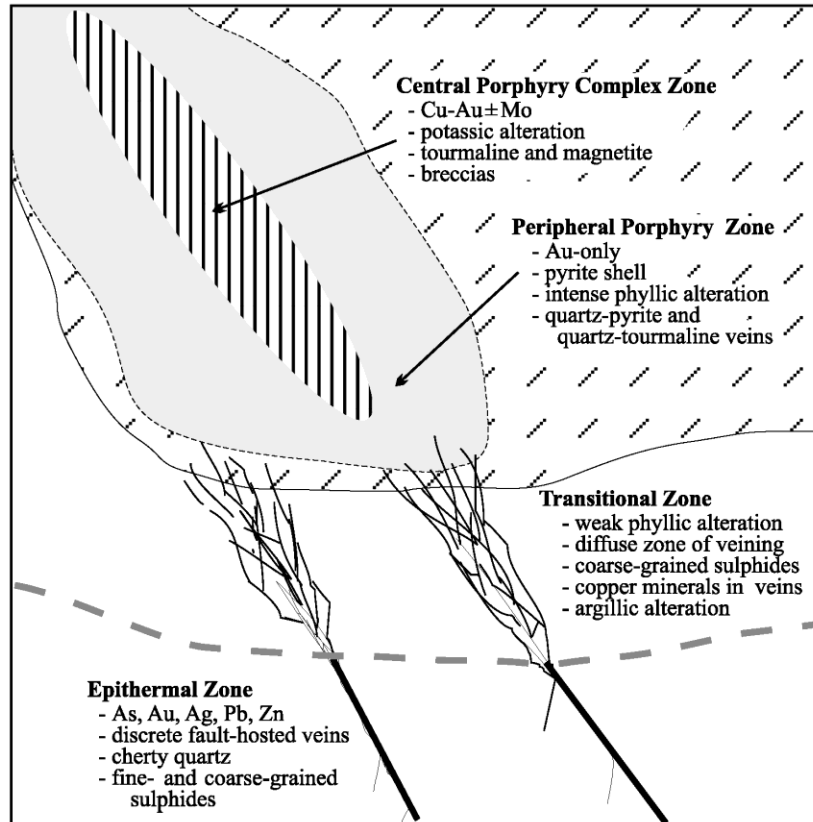


Figure 11: Porphyry to epithermal transition, from Hart & Langdon (1997)

Transitional Zone mineralization is found on the at the Transition zone on DC. “Nansen-type” quartz-sulphide epithermal-type mineralization occurs at the Eliza South, Eliza North, Tit Mountain and Willow Creek zones. The two porphyry-types have not been found on DC block but are present at the Cyprus and Cyprus South showings just north.

The mineralization on the VIC block lies outside of the Nansen trend and is characteristically different. It consists of high-grade gold in sulphide-poor, fracture-type quartz veins, stockworks and breccias adjacent to the Victoria Mountain syenite. These “Victoria-type” veins are sub-vertical, east-trending, coincident to magnetic lows and show a low-sulphide epithermal signature. They appear to be strictly structural and not related to an intrusive system. It is interesting however that they are adjacent to an alkalic intrusion. Finally, the orientation of the faults that host these veins is consistent with and may be related to the third set of faults found within the Nansen trend.

The Mount Nansen camp is at the southeast end of the active Dawson Range Copper-Gold belt (Figure 9). This belt includes porphyry-type, Cu-Au deposits such as Casino, Minto, Cash and Williams Creek, and epithermal vein-type Au deposits such as Coffee, Nucleus, Revenue and Freegold Mountain. Most of these deposits contain both disseminated sulphide-type and vein-type mineralization and represent porphyry to epithermal vein transition systems.

## **5. 2020 Exploration Work**

### **5.1. Introduction**

Exploration work in 2020 consisted of rock and soil geochemical sampling and a personal inspection by independent qualified person over the Divide area on the VIC block, and airborne geophysical surveys over the VIC and DC blocks. This work is described in detail in the following sections. Fully completed “Application for Certificate of Work” and “YMEP Final Submission” forms are included herein as Appendix B and C, respectively.

### **5.2. Rock and Soil Geochemistry**

Rock and soil sampling were completed by Marty Huber, P.Geo. and technical assistant Darrel Kraemer from a tent camp set up on the Property from August 11 to 20, 2020. A total of seven days (14 mandays) were spent on the Property collecting samples and three days (6 mandays) were spent on travel, camp set up etc. Their efforts were hampered by extremely wet conditions throughout the summer that made roads very difficult to drive and rendered the DC block inaccessible by truck. Restrictions due to the COVID-16 pandemic also added logistical problems and made the job more difficult.

A total of 20 rock samples were collected mainly in and around old trenches excavated along the strike of the Maverick zone. Rock sample locations (Figure 12) and descriptions are included herein as Appendix D. Analytical results are included herein as Appendix E. The goal of the rock sampling was to confirm surface results previously reported by Aurchem in and around the area of the Maverick zone.

A total of 307 soil samples were collected at 50 metre sample intervals on predetermined lines spaced 100 metres apart and oriented at 360° azimuth. Soil sample locations (Figure 13) and descriptions are included herein as Appendix D. Analytical results are included herein as Appendix E. Most of the previous soil geochemistry on the Property was done in the late 1980’s or early 2000’s. The goal of the 2020 sampling was to determine the reliability of previous soil sampling by using better collection and analytical techniques and GIS coordination of traverse lines and sample sites. This was also a test grid to confirm if soil geochemistry is an effective exploration tool on the Property with the long-term goal of obtaining a more reliable geochemical database over the entire Property for follow-up prospecting, trenching, sampling and drilling.

### **5.3. Sampling and Analytical Procedures**

All sample locations were recorded with HP iPAQ 200 series field computers running GeoInfoMobile™ and TierraMapper™ software paired with Holux GPS receivers in map datum UTM WGS84 Zone 8N.

Rock samples were placed in plastic sample bags with plastic sample tags and the corresponding sample number was marked on the outside of the bag with indelible ink. The samples were sealed in rice bags with security tags and submitted in person by

Marty Huber to the Bureau Veritas Commodities Canada Ltd. (“BV”) facility in Whitehorse, Yukon where they were dried and a kilogram of sample was crushed to  $\geq 90\% < 2\text{mm}$ , and a 250g split was then pulverized to  $\geq 85\% 75 \mu\text{m}$  (BV Code PRP90-250). The sample pulps were then sent to BV’s Vancouver facility where they were analyzed for gold by 30-gram fire assay, AAS Finish (BV Code Au FA430) and nine other elements by aqua-regia digest, ICP-MS finish (BV Code GENX10). Thirteen samples that returned overlimit gold values were re-assayed by 30-gram fire assay, gravimetric finish (BV Code FA530).

Soil samples were placed in Kraft-type paper bags affixed with numbered water-resistant barcode stickers. Appropriate numbers were also written on the bags with indelible ink. The samples were sealed in rice bags with security tags and submitted in person by Mary Huber to BV Whitehorse where they were dried and sieved to 100g -80 mesh size (BV Code SS80). The sample pulps were then sent to BV’s Vancouver facility where they were analyzed for 36 elements by 15-gram aqua-regia digest ICP-ES/MS (BV Code AQ201).

All BV facilities are accredited under BV’s ISO 9001:2015 registration.

It is the Authors’ opinion that the sampling procedures, security measures, sample preparations and analytical methods applied to the soil, rock and core samples were diligently followed and are adequate to meet industry standards commonly accepted or this level of exploration. The field data was reconciled with the analytical results. One sample was reported by BV to be of insufficient size for analysis. This sample was subsequently removed from the database.

#### **5.4. Personal Inspection by Independent Qualified Person**

On August 31, 2020 Danielle Héon, P.Geo. conducted a personal inspection on the Property as a “qualified person” “independent” of Hill79 as those terms are defined in sections 1.1 and 1.5 respectively of National Instrument 43-101, Standards of Disclosure for Mineral Projects (“NI43-101”). The personal inspection was done in anticipation of Hill79 or an affiliate becoming a reporting issuer thereby triggering an obligation to file a NI43-101 technical report on the Property as a mineral property material to such issuer. It is expected that Ms. Héon will prepare a NI43-101 report later when such a report is deemed to be required.

The personal inspection was done in one day by helicopter from and to Whitehorse and involved six hours of work on the Property. Work consisted of sampling three historical trenches referred to as the Maverick, Skyline and L-Trench all located on the VIC claim block (Figure 5). A total of 13 rock samples were collected. The samples have not been submitted for analysis and remain in the custody of Ms. Héon. In addition to the trenches, several historical drill casings, drill pads, RC drill cuttings and a core storage area located between the Skyline and Maverick trenches were documented and photographed. Full details of the personal inspection are included herein as Appendix F.

### 5.5. Airborne Geophysical Survey

Two separate high-resolution helicopter-borne magnetic and radiometric surveys were flown over the VIC and DC blocks by Precision GeoSurveys Inc. ("Precision") from August 6 to August 10, 2020 (Figure 14). The VIC or North block survey was flown with survey lines spaced at 50m spacings on headings of 170° and 350°, and control tie lines spaced at 500m on headings of 080° and 260°. A total of 629 line-km were flown covering an area of 28.0 km<sup>2</sup> including 569 line-km of survey lines and 60 line-km of control tie lines. The DC or South block survey was flown with survey lines spaced at 50m spacings on headings of 060° and 240°, and control tie lines spaced at 500m on headings of 150° and 330°. A total of 235 line-km were flown covering an area of 10.4 km<sup>2</sup> including 212 line-km of survey lines and 23 line-km of control tie lines. The full technical specifications of the two airborne surveys are contained in a separate report written by Precision and submitted with this Report.

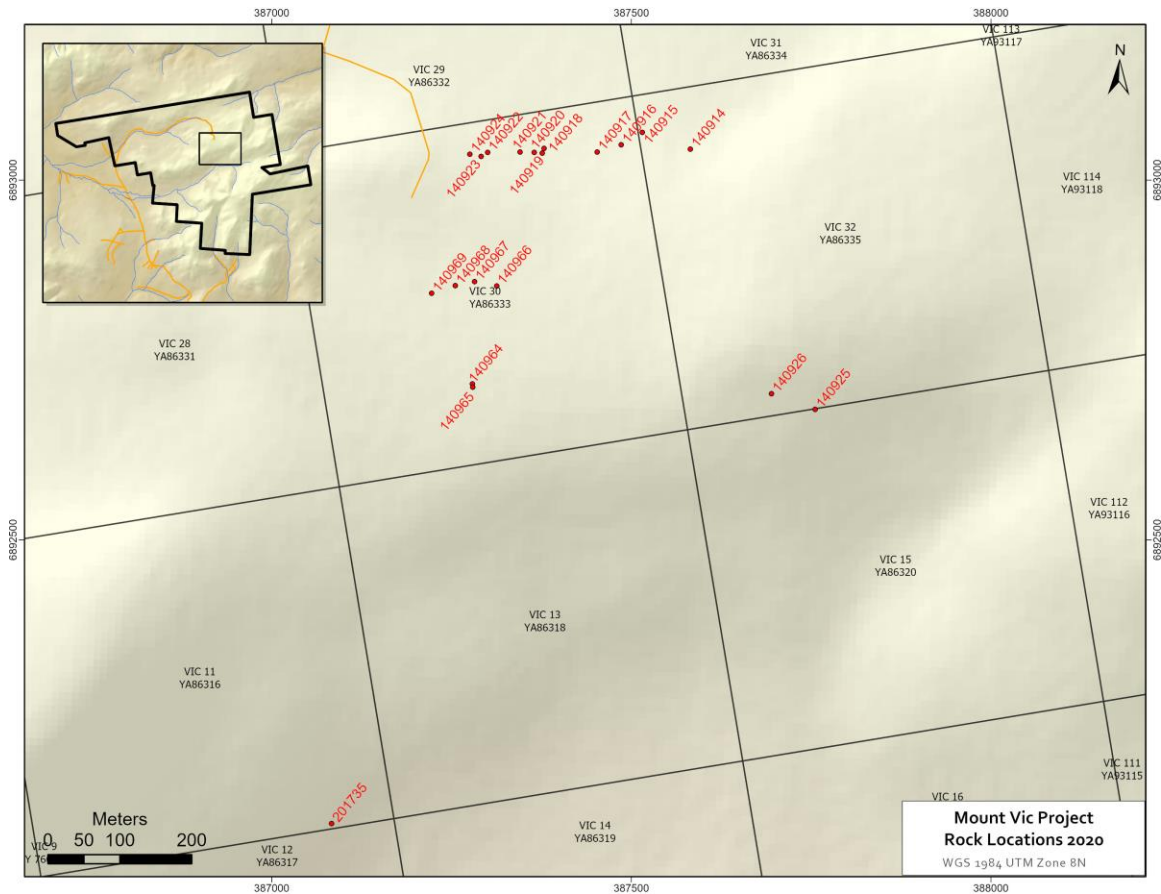


Figure 12: Rock sample sites 2020



# Mount Vic Property - Assessment Report 2020

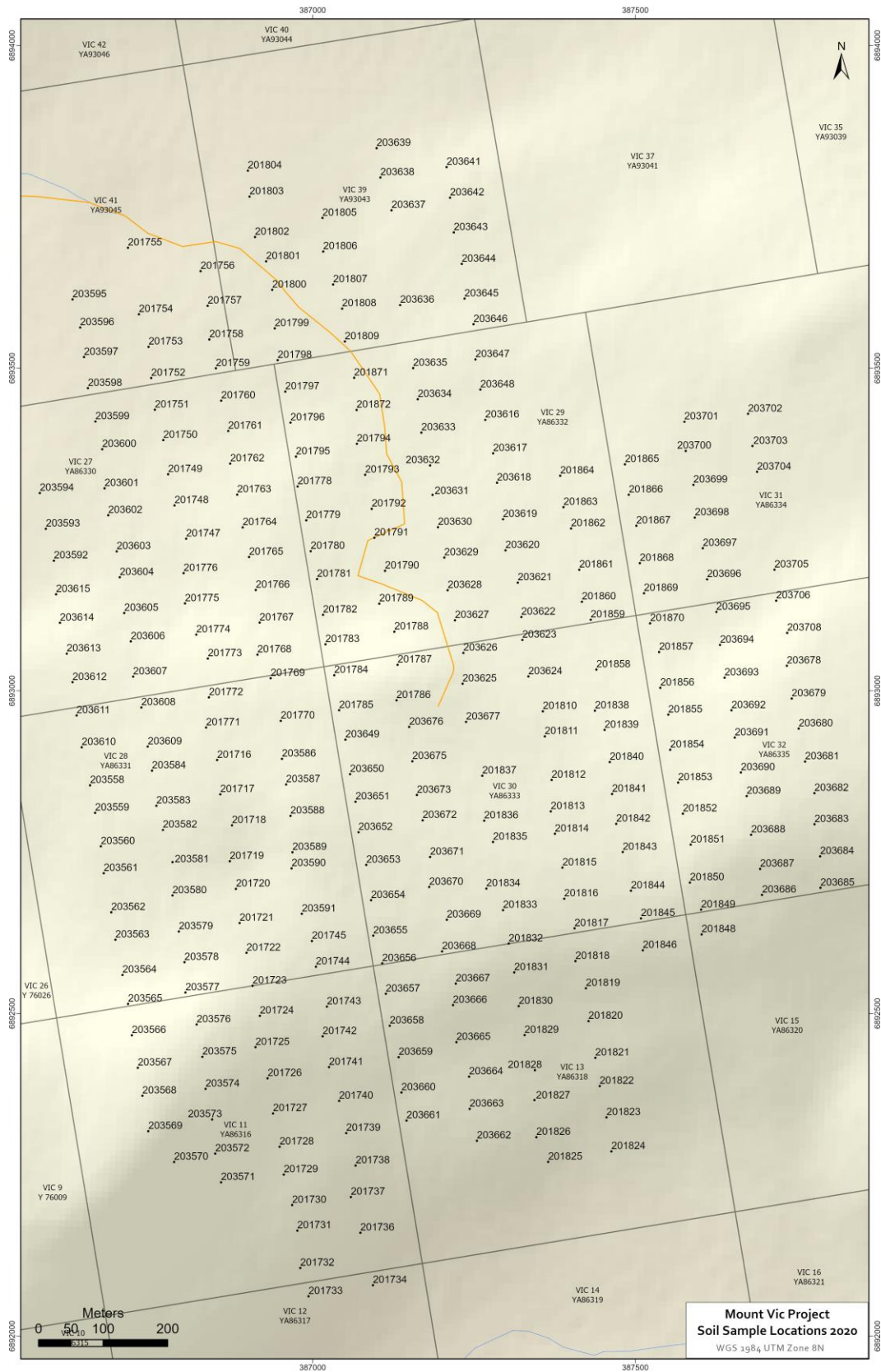


Figure 13: Soil sample sites 2020

# Mount Vic Property - Assessment Report 2020

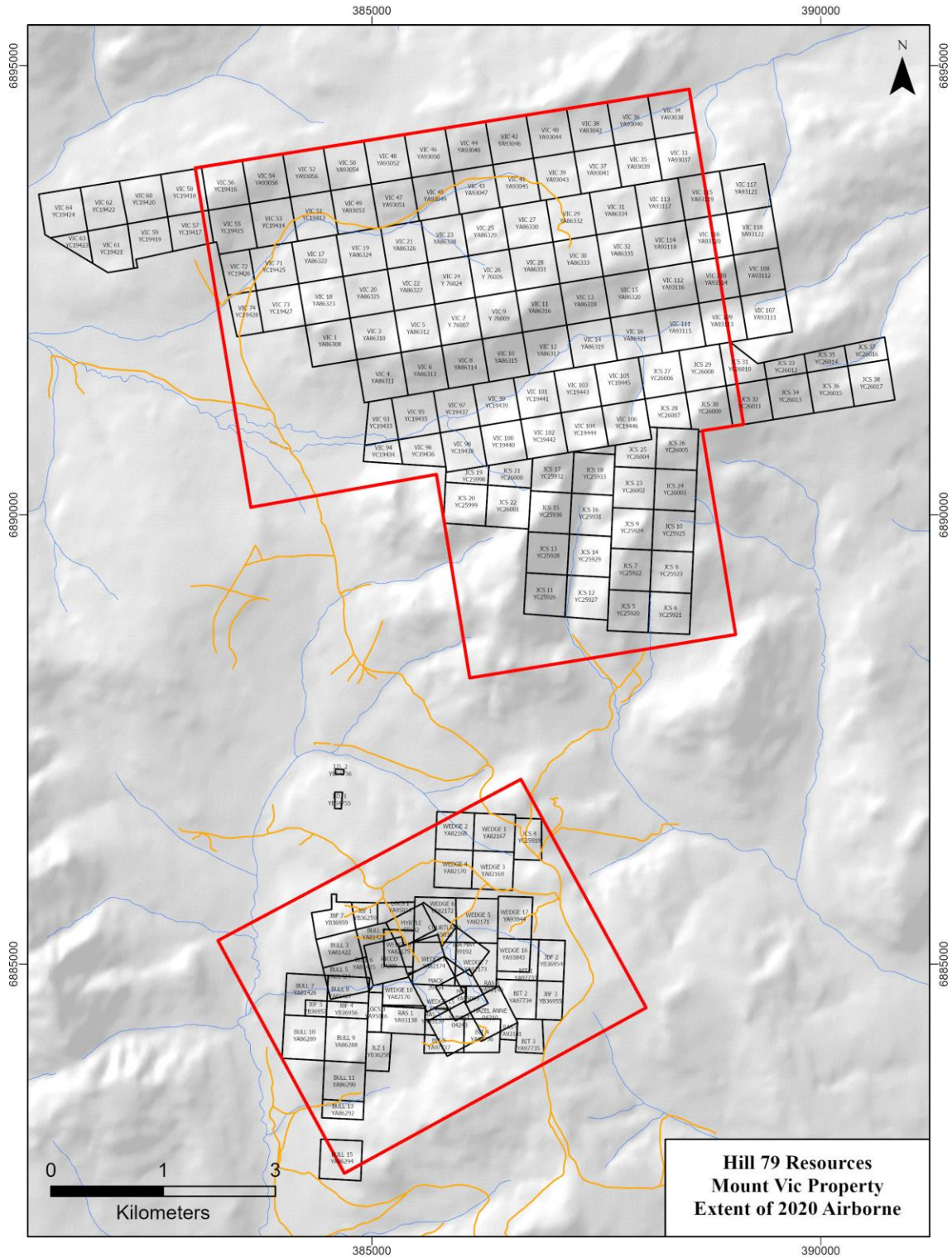


Figure 14: 2020 Airborne geophysical survey extents

## 6. Results

### 6.1. Rock Results

The selected grab samples collected in the Divide area on the VIC block returned very high-grade gold results with 13 of 20 samples grading better than 10.0gpt Au ranging from 11.4 to 201.3gpt Au. Six other samples returned significant gold results ranging from 0.17 to 8.91gpt Au. Only one sample returned a low gold value of 0.01gpt Au.

Elevated silver values, although not very high-grade, correlate well with elevated gold values. Only three samples returned silver values less than 1.0gpt Ag with the remaining samples returning values ranging from 1.0 to 9.0gpt Ag.

Bismuth values, although not very high, also correlate well with gold. Bismuth values ranging from 136 to 819ppm Bi were determined in 10 of the 13 samples that returned greater than 10.0gpt Au. Mercury also shows some correlation with gold but is less consistent than silver and bismuth. Values for antimony, arsenic, copper, lead, molybdenum and zinc were all consistently low and do not correlate at all with gold.

### 6.2. Soil Results

The soil samples returned values ranging from a high of 97.5ppb Au to a low of <0.5ppb Au (i.e., below detection limit). Only 50 samples or 16% of the 306 samples are considered anomalous with only 5 of these samples deemed strongly anomalous (Table 7). The low tenor of gold in soil is at odds with previous soil geochemistry results which returned up to 6200ppm or 6.2gpt Au. Despite the overall low gold tenor in the soils, the values do correlate well with known gold zones (Figure 15 and Figure 16). Values for all other elements determined in the soils are generally all very low. Moreover, a correlation matrix (Appendix E) shows that gold has very little affinity for any other element in soil. Even silver, bismuth and mercury, which show some correlation with gold in the rock samples, do not appear to correlate with gold in the soil samples.

Table 7: Gold-in-soil summary results

Result	Number	Au_ppb
Strong	5	≥60
Moderate	4	≥30
Weak	9	≥20
Above background	32	≥10
Below background	256	<10

### 6.3. Airborne Geophysical Results

#### 6.3.1. VIC Block Geophysics

The airborne data from the VIC block survey identifies three distinct geophysical domains (Figure 17). The main boundary for these domains is a prominent magnetic low trending through the middle of the survey area at 060°. The radiometric data mirrors the magnetic data and outlines a corresponding radiometric low. This major

geophysical boundary corresponds to the steep sided valley along the upper reaches of the Klaza River.

South of this boundary feature Domain I is marked by a coherent radiometric high and a coherent magnetic high broken by prominent, linear magnetic lows trending generally at 020°. This domain is also very disrupted by less obvious secondary, linear magnetic lows generally trending at 080° and 120°. Domain II northwest of the boundary feature is marked by relatively low radiometric and magnetic values. Although this domain is generally coherent it is broken by several less obvious secondary, linear magnetic lows generally trending at 120°. Domain III northeast of the boundary feature is defined by a relatively strong, coherent radiometric pattern and a relatively strong but very disrupted magnetic pattern characterized by numerous prominent, linear magnetic lows generally trending at 080° and numerous less obvious secondary, linear magnetic lows generally trending at 020°.

The geophysical survey also outlined an obvious radiometric anomaly at the southwest end of Domain III. This anomaly is marked by very strong thorium values and moderate potassium values. In a relative sense it shows as a strong thorium high over a potassium low. It measures 1,200m long and 450m wide covering roughly 31 hectares. It trends at 130° and interestingly its long axis is cut perfectly by a major, linear magnetic low along the same trend.

### **6.3.2. DC Block Geophysics**

The DC block geophysical survey is less definitive than the VIC survey but the data clearly outlines two distinct geophysical domains (Figure 18). The boundary between the two domains is generally defined by a broad, linear magnetic low trending at 120°. Domain I covers the northeast half of the survey area and is characterized by relatively weak magnetics and strong radiometrics. Domain II covers the southwest half of the survey area and is characterized by relatively strong magnetics and weak radiometrics. Domain II is further complicated by several oblong magnetic highs that occupy the central part of the survey area. There are several linear magnetic lows that cut the survey area. The magnetic highs mentioned above are bound on all sides by linear magnetic lows.

## **7. Interpretation and Conclusions**

### **7.1. VIC Block Interpretation**

The rock samples collected from the Divide area trenches on the VIC property returned exceptionally strong gold values and confirmed the previously reported high-grade nature of the Victoria-type, sulphide poor quartz veins referred to section 4.4. Although the soil sampling over the Divide area did not confirm previously reported, high-grade gold-in-soil values, the 2020 soil results do sufficiently outline the gold-bearing zones. The previously reported spatial relationship between magnetic lows and the Victoria-type gold-bearing quartz veins was confirmed by the airborne geophysical survey.

The Divide area remains the most interesting part of the Property. Only very shallow, cursory drilling has been done at the Maverick, Skyline and H zones. These zones remain to be tested at depth by drilling. The airborne geophysical data clearly shows that these known gold-bearing quartz veins occur in generally east-trending, linear magnetic lows that probably mark structural breaks within the host rocks. These lows need to be drill tested along strike from the known surface showings.

Sections of the VIC block outside of the Divide area remain very prospective especially within geophysical Domain III. This domain is cut by numerous, linear magnetic lows parallel to the Divide area structures. It is also cut by many secondary, linear magnetic lows generally trending at 020° and 120°. All these magnetic lows need to be prospected and sampled. Domain I is also cut by numerous linear magnetic lows at various orientations. All these features must be prospected and sampled. Domain III is much less dissected by magnetic lows. However, there are several secondary, generally northwest-trending, linear lows. These magnetic trends echo the trend of the Nansen-type, quartz-sulphide veins referred to in section 4.4 and should all be prospected and sampled.

The thorium high, potassium low anomaly defined by the airborne radiometric survey at the southwest end of Domain III (Figure 17) needs to be mapped, prospected and sampled. The well-defined oval shape of this anomaly suggests that it may be caused by a discrete intrusive body. However, the anomaly is perfectly situated over a northwest-trending, linear magnetic low trend. Could it be instead be an alteration zone related to a fault prospective for Nansen-type quartz-sulphide veins?

## **7.2. DC Block Interpretation**

This DC block airborne geophysical pattern (Figure 18) is generally consistent with previous mapping which shows that the northeast half of the DC block is underlain by Whitehorse Suite granitic rocks and the southwest half by Mount Nansen Group volcanic rocks, and that the Mount Nansen Porphyry Complex intrudes along this intrusive-volcanic contact. Compared to the previous mapping, the DC airborne data better defines the Mount Nansen Porphyry Complex as several oblong magnetic highs in the central part of the survey area that are bounded on all sides by linear magnetic lows.

These magnetic lows are interpreted to be faults and may be prospective for gold mineralization. Several of the faults are oriented at 140° to 150° which is generally consistent with the orientations of structures found elsewhere within the Nansen trend that host the Nansen-type quartz-sulphide veins referred to in section 4.4. Some of the previously documented showings on the DC block lie along these fault structures.

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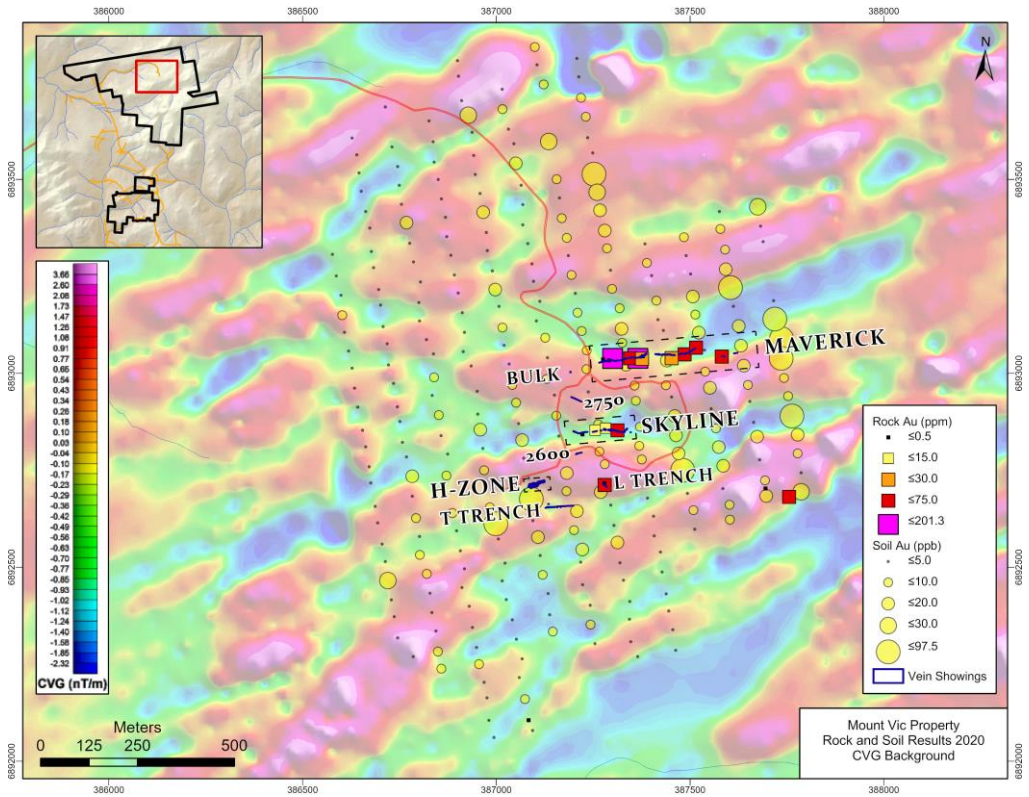


Figure 15: VIC gold in rock and soil 2020 over Calculated Vertical Gradient (CVG) magnetics

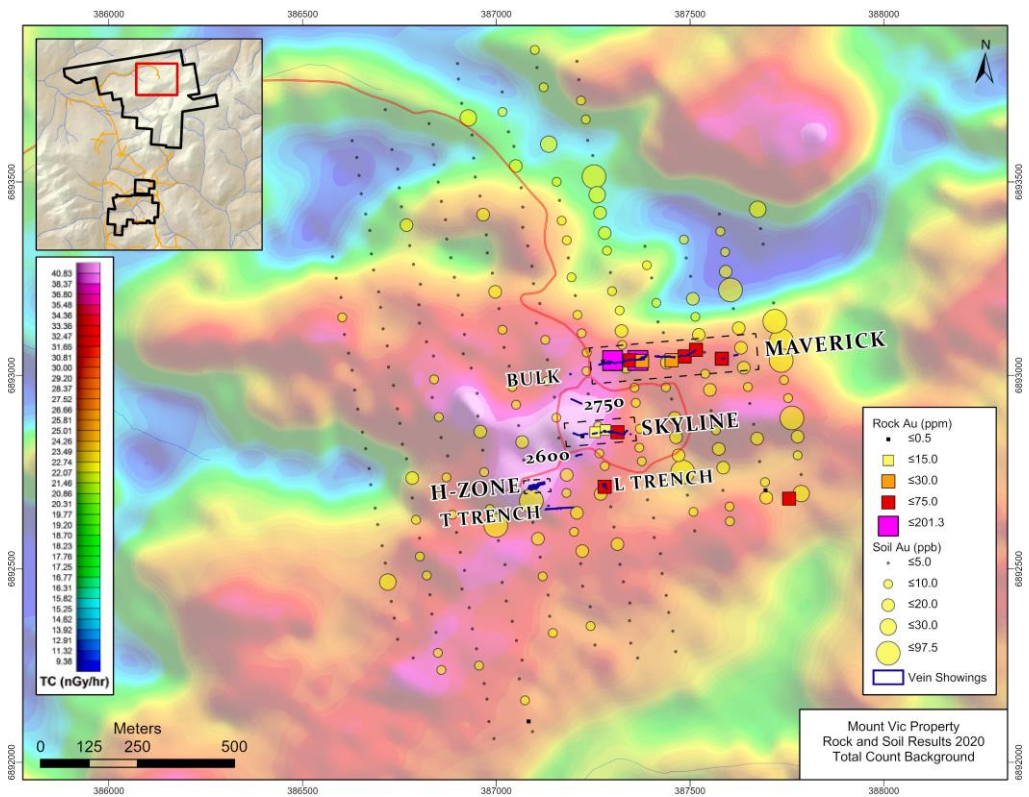


Figure 16: VIC gold in rock and soil 2020 over Total Count (TC) radiometrics

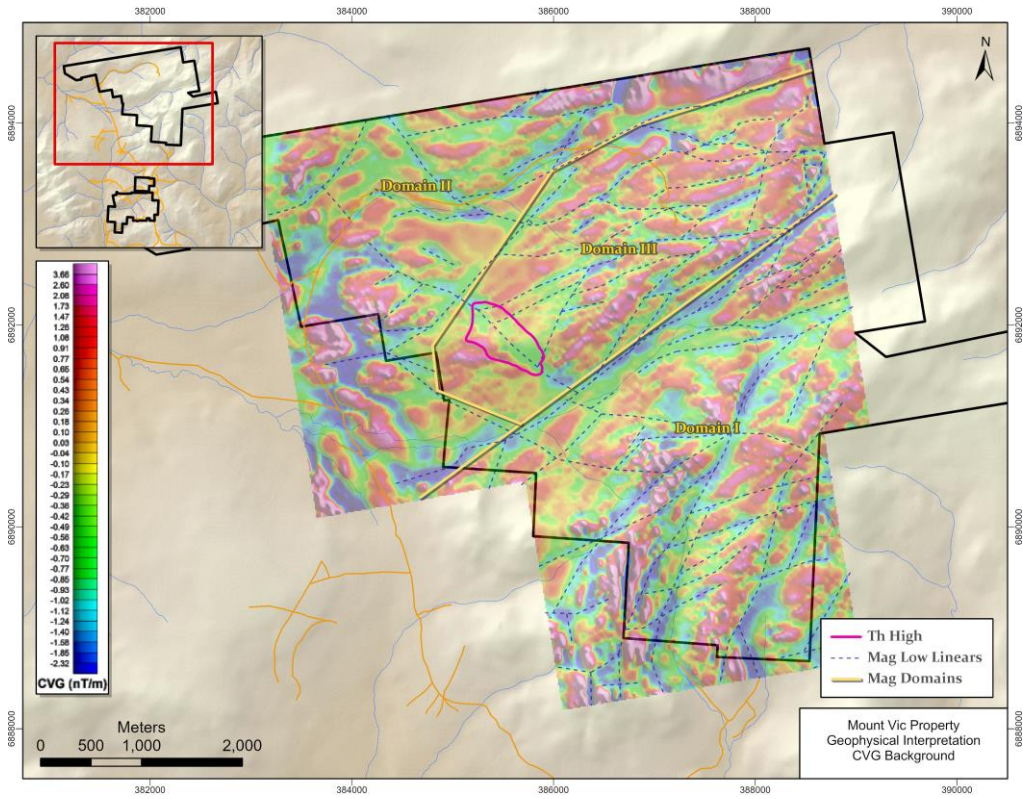


Figure 17: VIC geophysical interpretation

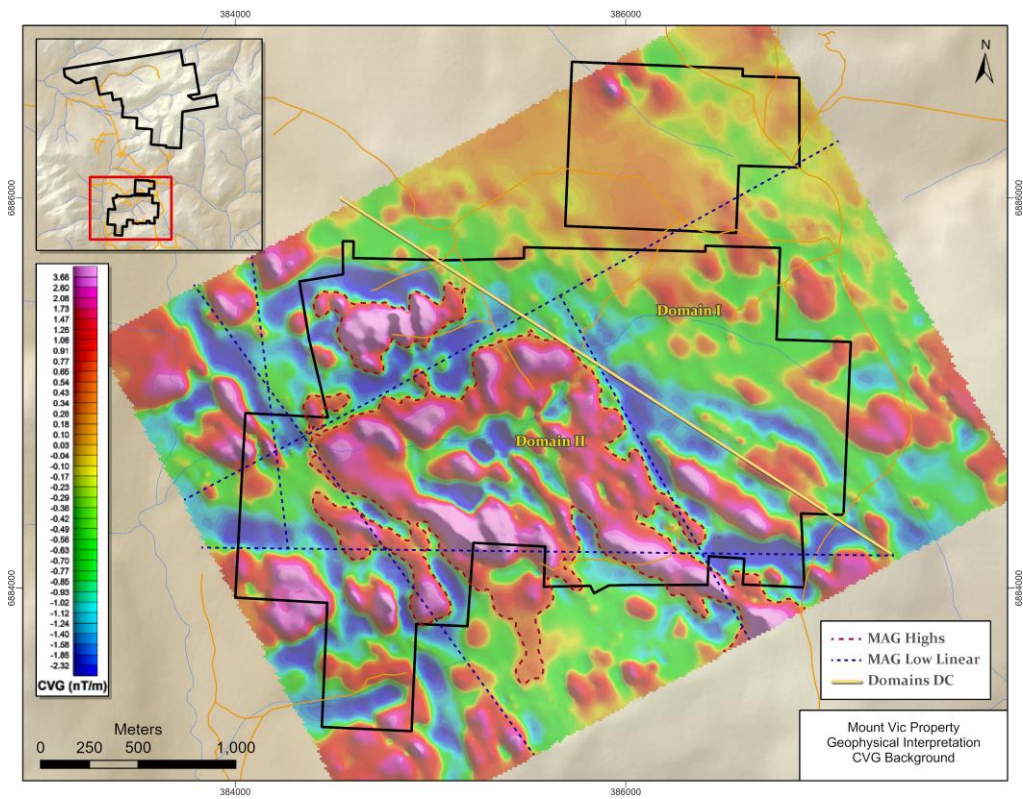


Figure 18: DC geophysical interpretation

## **8. Conclusions and Recommendations**

The Mount Vic project is prospective for high grade, shallow gold mineralization in the centre of the emerging Mount Nansen gold camp within the larger, very active Dawson Range Copper Gold Belt. It is road accessible, fully permitted until 2024 and benefits from an extensive database of earlier exploration work.

The 2020 exploration program accomplished several things. First it confirmed the high-grade nature of the Maverick, Skyline and H zones located in the Divide area of the VIC block. It also confirmed that these zones are coincident to linear, generally east-trending magnetic trends (Figure 15). The orientation soil geochemical survey confirmed that this is a useful technique for outlining gold-bearing zones although previously reported high-grade gold-in-soil values were not repeated. Finally, the 2020 airborne survey identified an unusual thorium anomaly (Figure 17) that may represent either a discrete intrusive body or an alteration zone centered along a northwest trending fault structure. These positive results all suggest that the Mount Vic property merits further exploration work.

The Divide area of the VIC block is the most prospective target on the Mount Vic property. Previous drilling has focused only on the near-surface extent of the known gold-bearing structures. It is recommended that the Divide area be the primary focus of exploration with 5,000m of systematic drilling to define and extend known gold mineralization.

It is also recommended that the remainder of the VIC block be covered by deep auger-type soil geochemical sampling on lines spaced at 100m with 50m intervals. Once this data obtained, it can be compiled with the airborne geophysical data to plan and execute a prospecting and rock sampling program that will target linear magnetic lows that show anomalous gold-in-soil signatures. Soil geochemical sampling over the unusual thorium anomaly mentioned above may also generate prospecting targets.

Further work is required on the DC block before any drilling can be proposed. It is recommended that soil geochemistry be done over the entire block on lines spaced at 100m with 50m intervals, followed by prospecting and sampling over any targets generated by the soil sampling. Previous studies (Hart & Langdon, 1997) suggest that the gold mineralization on the DC block is spatially and perhaps genetically related to the Mount Nansen Porphyry Complex. The 2020 airborne data provides unprecedented definition of the Complex (Figure 18) and may help to understand soil geochemical data.

Finally, geological mapping is required over both blocks. Previous mapping (Figure 10) is quite general and appears to be inferred from regional geophysical and geochemical data. The 2020 airborne geophysical data and forthcoming soil geochemical data will help to prepare a detailed geological map of the Mount Vic property. Hopefully, this integrated surface work will generate targets and lead to new discoveries.



## **Mount Vic Property - Assessment Report 2020**

The estimated cost of the recommended work is \$445,000 for surface work and \$2,587,500 for drilling for a total of \$3,032,500 outlined in Table 8 below.

**Table 8: Cost estimate 2020**

Item	#		Rate		Cost	Total
Senior Geologist	45	mandays @	\$750	per manday	\$33,750	
Junior Geologist	45	mandays @	\$450	per manday	\$20,250	
Technicians (Soil geochemistry)	120	mandays @	\$375	per manday	\$45,000	
Technicians (Prospecting)	30	mandays @	\$375	per manday	\$11,250	
Camp Expenses	240	mandays @	\$250	per manday	\$60,000	
Supplies	1	total @	\$10,000	per total	\$15,000	
Truck + Fuel	60	days @	\$250.00	per day	\$15,000	
Flights to Yukon	10	flights @	\$1,500	per flight	\$15,000	
Sat phone	60	days @	\$10	per day	\$600	
VHF-FM radios	240	days @	\$5	per day	\$1,200	
Field computers	240	days @	\$10	per day	\$2,400	
Geological/Geochemical report	1	report @	\$10,000	per report	\$10,000	
Soil analyses	4,500	samples @	\$30	per sample	\$135,000	
Rock samples	450	samples @	\$50	per sample	\$22,500	
<b>Subtotal</b>					\$386,950	
<b>Contingency @ 15%</b>					\$58,050	
<b>Total Surface Work</b>						<b>\$445,000</b>
Drilling (All-In)	5,000	m @	\$450	per m	\$2,250,000	
<b>Subtotal</b>					\$2,250,000	
<b>Contingency @ 15%</b>					\$337,500	
<b>Total Drilling</b>						<b>\$2,587,500</b>
<b>Total Estimated Cost</b>						<b>\$3,032,500</b>

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**Appendix A: Summary of previous drill intersections  
Vic Block**

Hole	Zone	Type	From m	To m	Int m	Au gpt
HC8605	H	Core	53.50	55.50	2.00	1.98
HC8606	H	Core	1.00	8.50	7.50	2.71
HC8606	H	Core	29.80	30.00	0.20	1.10
HC8607	H	Core	4.10	12.10	8.00	2.68
TH0601	H	Core	0.00	1.00	1.00	1.95
TH0602	H	Core	0.80	3.80	3.00	14.65
TH0602	H	Core	4.40	4.60	0.20	1.43
TH0602	H	Core	4.80	5.00	0.20	1.59
TH0603	H	Core	0.00	1.00	1.00	1.25
TH0603	H	Core	8.00	12.20	4.20	13.62
TH0604	H	Core	1.00	8.00	7.00	1.32
TH0605	H	Core	0.00	8.00	8.00	3.71
TH0606	H	Core	0.00	6.40	6.40	4.13
TH0607	H	Core	0.00	6.40	6.40	0.67
RC0510	H	RC	13.72	15.24	1.52	18.35
RC0516	H	RC	3.05	4.57	1.52	1.06
RC0517	H	RC	10.67	12.19	1.52	3.36
RC0523	H	RC	24.38	25.91	1.52	11.35
HC8601	Maverick	Core	87.00	88.00	1.00	12.07
HC8617	Maverick	Core	58.50	63.10	4.60	5.35
HC8618	Maverick	Core	63.50	64.00	0.50	13.44
HC8619	Maverick	Core	55.30	55.60	0.30	1.69
HC8705	Maverick	Core	17.40	18.50	1.10	1.60
HC8705	Maverick	Core	28.60	28.90	0.30	6.35
HC8709	Maverick	Core	38.00	38.40	0.40	2.00
HC8801	Maverick	Core	63.50	65.50	2.00	10.83
HC8807	Maverick	Core	121.00	122.00	1.00	2.88
HC8808	Maverick	Core	45.00	45.68	0.68	1.95
HC8808	Maverick	Core	48.40	49.31	0.91	1.25
VC0403	Maverick	Core	31.39	31.93	0.53	2.02
VC0404	Maverick	Core	47.85	50.75	2.90	6.47
VC0405	Maverick	Core	72.85	72.88	0.03	26.40
VC0406	Maverick	Core	105.46	106.07	0.61	2.85
VC0407	Maverick	Core	68.88	69.80	0.91	1.32
VC0407	Maverick	Core	79.86	80.47	0.61	8.40
VC0409	Maverick	Core	90.10	90.22	0.12	14.40
VC0410	Maverick	Core	63.70	65.90	2.19	3.14
VC0411	Maverick	Core	107.99	108.20	0.21	1.16
VC0411	Maverick	Core	115.21	116.13	0.91	2.09
VC0412	Maverick	Core	50.17	50.90	0.73	13.40
VC0415	Maverick	Core	78.18	80.77	2.59	13.44
VC0416	Maverick	Core	88.54	91.74	3.20	30.34
VC0417	Maverick	Core	87.17	87.48	0.30	1.49
VC0419	Maverick	Core	119.09	119.39	0.30	1.87
VC0419	Maverick	Core	132.89	133.11	0.21	3.16
VC0420	Maverick	Core	57.91	59.25	1.34	53.70
VC0421	Maverick	Core	97.99	98.30	0.30	1.66
VC0422	Maverick	Core	79.74	80.25	0.52	2.21
VC0423	Maverick	Core	67.67	67.97	0.30	10.95
VC0424	Maverick	Core	82.14	87.17	0.91	3.78
VC0425	Maverick	Core	71.63	72.12	0.49	1.94
VC0425	Maverick	Core	73.15	73.76	0.61	9.74
VC0426	Maverick	Core	63.19	63.64	0.46	8.29
VC0501	Maverick	Core	0.61	3.66	3.05	22.55
VC0502	Maverick	Core	0.30	5.18	4.88	23.95
VC0503	Maverick	Core	2.59	2.90	0.31	2.00

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VC0504	Maverick	Core	0.91	11.58	10.67	3.92
VC0505	Maverick	Core	8.99	11.58	2.59	4.12
VC0507	Maverick	Core	67.82	65.84	3.05	38.99
VC0508	Maverick	Core	62.18	64.01	1.83	0.73
VC0510	Maverick	Core	37.37	38.71	1.34	0.86
RC0520	Maverick	RC	35.05	36.58	1.52	11.60
RC0520	Maverick	RC	38.10	39.62	1.52	3.84
RC0521	Maverick	RC	25.91	32.00	6.10	4.33
HC8612	n/a	Core	10.50	11.00	0.50	1.37
HC8612	n/a	Core	22.50	23.00	0.50	1.37
HC8803	n/a	Core	122.00	122.30	0.30	4.87
HC8609	Skyline	Core	17.80	22.60	4.80	1.73
HC8613	Skyline	Core	40.80	43.00	2.20	2.26
HC8613	Skyline	Core	48.4	48.6	0.20	1.44
HC8704	Skyline	Core	48.00	48.50	0.50	1.21
HC8704	Skyline	Core	62.00	62.50	0.50	1.42
RC0502	Skyline	RC	7.62	9.14	1.52	3.55
RC0519	Skyline	RC	6.10	10.67	4.57	5.98

### DC Block

Hole	Zone	Block	Type	From m	To m	Int m	Au gpt
DDH8701B	Willow Creek	DC	CORE	31.09	31.39	0.30	2.78
DDH8703A	Willow Creek	DC	CORE	8.84	10.18	1.34	0.96
DDH8704	Willow Creek	DC	CORE	18.90	24.69	5.79	1.83
DDH8705	Willow Creek	DC	CORE	22.56	24.08	1.52	1.13
DDH8707	Willow Creek	DC	CORE	36.58	36.88	0.30	8.40
DDH8707	Willow Creek	DC	CORE	50.60	51.97	1.37	1.41
DDH8709	Willow Creek	DC	CORE	35.36	36.58	1.22	0.86
DDH8709A	Willow Creek	DC	CORE	9.75	10.97	1.22	0.93
DDH8709A	Willow Creek	DC	CORE	31.39	32.92	1.52	1.37
DDH8709B	Willow Creek	DC	CORE	38.71	39.32	0.61	0.89
DDH8709C	Willow Creek	DC	CORE	3.66	4.27	0.61	1.53
DDH8709C	Willow Creek	DC	CORE	7.32	8.53	1.22	1.04
DDH8801	Willow Creek	DC	CORE	46.33	48.01	1.68	1.03
DDH8802	Willow Creek	DC	CORE	38.86	40.54	1.68	0.56
DDH8802	Willow Creek	DC	CORE	124.36	125.58	1.22	1.01
DDH8802	Willow Creek	DC	CORE	136.86	137.46	0.61	4.78
DDH8805	Willow Creek	DC	CORE	15.85	21.95	6.10	0.30
DDH8807	Willow Creek	DC	CORE	52.85	53.22	0.37	1.17
DDH8807	Willow Creek	DC	CORE	73.46	73.76	0.30	1.18
DDH8807	Willow Creek	DC	CORE	80.80	81.38	0.58	1.55
DDH8807	Willow Creek	DC	CORE	124.66	125.27	0.61	0.94
DDH8808	Willow Creek	DC	CORE	66.60	71.02	4.42	0.81
DDH8809	Willow Creek	DC	CORE	45.72	46.33	0.61	1.70
DDH8809	Willow Creek	DC	CORE	85.34	90.22	4.88	0.69
DDH8809	Willow Creek	DC	CORE	118.57	119.18	0.61	0.90
DDH8810	Willow Creek	DC	CORE	101.50	102.11	0.61	6.02
DDH8810	Willow Creek	DC	CORE	160.17	160.63	0.46	1.61
DDH8814	Willow Creek	DC	CORE	3.35	5.18	1.83	3.61
DDH8814A	Willow Creek	DC	CORE	93.94	95.10	1.16	0.92
RC9201C	Transition South	DC	RC	36.58	38.10	1.52	0.89
RC9202	Transition South	DC	RC	24.38	25.91	1.52	1.47
RC9202	Transition South	DC	RC	51.82	53.34	1.52	1.23
RC9202	Transition South	DC	RC	60.96	62.48	1.52	1.54
RC9203	Transition South	DC	RC	21.34	22.86	1.52	1.82
RC9203	Transition South	DC	RC	38.10	39.62	1.52	1.27
RC9203	Transition South	DC	RC	65.53	67.06	1.52	2.40
RC9204	Transition South	DC	RC	10.67	12.19	1.52	1.95
RC9204	Transition South	DC	RC	103.63	105.16	1.52	3.98
RC9214	Eliza South	DC	RC	62.48	70.10	7.62	1.13



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RC9216	Eliza South	DC	RC	36.58	38.10	1.52	1.92
RC9217	Eliza North	DC	RC	25.91	28.96	3.05	1.92
RC9217	Eliza North	DC	RC	36.58	38.10	1.52	13.78
RC9217	Eliza North	DC	RC	70.10	71.63	1.52	1.47
RC9218	Eliza North	DC	RC	105.16	108.20	3.05	35.50
RC9218	Eliza North	DC	RC	121.92	123.44	1.52	1.41
RC9219	Transition North	DC	RC	12.19	13.72	1.52	4.11
RC9219	Transition North	DC	RC	155.45	160.02	4.57	1.21
RC9220	Transition North	DC	RC	35.05	38.10	3.05	2.34
RC9221	Transition North	DC	RC	21.34	22.86	1.52	1.71
RC9221	Transition North	DC	RC	76.20	77.72	1.52	1.20
RC9221	Transition North	DC	RC	88.39	91.44	3.05	1.15
RC9221	Transition North	DC	RC	150.88	152.40	1.52	1.10
RC9226	Transition North	DC	RC	7.62	9.14	1.52	1.92
RC9226	Transition North	DC	RC	19.81	21.34	1.52	3.87
RC9226	Transition North	DC	RC	51.82	53.34	1.52	0.96
RC9226	Transition North	DC	RC	60.96	62.48	1.52	3.05
RC9226	Transition North	DC	RC	70.10	71.63	1.52	2.98
RC9226	Transition North	DC	RC	80.77	85.34	4.57	1.14
RC9227	Transition North	DC	RC	12.19	15.24	3.05	0.82
RC9228	Transition North	DC	RC	18.29	19.81	1.52	1.03
RC9228	Transition North	DC	RC	24.38	25.91	1.52	5.45
RC9228	Transition North	DC	RC	44.20	47.24	3.05	3.48
RC9228	Transition North	DC	RC	54.86	57.91	3.05	2.04
RC9401	Eliza South	DC	RC	50.29	54.86	4.57	0.55
RC9404	Tit Mountain	DC	RC	73.15	79.25	6.10	0.60
RC9404	Tit Mountain	DC	RC	91.44	97.54	6.10	0.65
RC9405	Tit Mountain	DC	RC	33.53	39.62	6.10	13.73
RC9405	Tit Mountain	DC	RC	41.15	56.39	15.24	7.21
RC9405	Tit Mountain	DC	RC	51.82	54.86	3.05	32.62
RC9405	Tit Mountain	DC	RC	79.25	85.34	6.10	2.05
RC9405	Tit Mountain	DC	RC	153.92	167.64	13.72	2.76
RC9406	Tit Mountain	DC	RC	76.20	79.25	3.05	0.90
RC9407	Tit Mountain	DC	RC	47.24	48.77	1.52	1.23
RC9407	Tit Mountain	DC	RC	77.72	83.82	6.10	1.35
RC9407A	Tit Mountain	DC	RC	85.34	138.68	53.34	1.59
RC9407A	Tit Mountain	DC	RC	102.11	117.35	15.24	3.62
RC9409	Tit Mountain	DC	RC	7.62	9.14	1.52	4.60
RC9410	Tit Mountain	DC	RC	42.67	45.72	3.05	11.83
RC9411	Tit Mountain	DC	RC	128.02	129.54	1.52	2.11
RC9412	Tit Mountain	DC	RC	117.35	118.87	1.52	1.04
RC9412	Tit Mountain	DC	RC	120.40	121.92	1.52	4.23
RC9412	Tit Mountain	DC	RC	141.73	147.83	6.10	0.52
RC9414	Tit Mountain East	DC	RC	27.43	32.00	4.57	1.31
RC9414	Tit Mountain East	DC	RC	60.96	74.68	13.72	0.93
RC9414	Tit Mountain East	DC	RC	115.82	121.92	6.10	0.70
RC9414	Tit Mountain East	DC	RC	152.40	155.45	3.05	1.05
RC9419	Tit Mountain East	DC	RC	12.19	18.29	6.10	1.59
RC9420	Tit Mountain	DC	RC	13.72	21.34	7.62	0.57
RC9421	Tit Mountain	DC	RC	105.16	134.11	28.96	2.52
RC9421	Tit Mountain	DC	RC	105.16	111.25	6.10	8.62
RC9421	Tit Mountain	DC	RC	156.97	169.16	12.19	2.79
RC9425	Tit Mountain	DC	RC	12.19	13.72	1.52	1.61
RC9425	Tit Mountain	DC	RC	15.24	30.48	15.24	1.75
RC9425	Tit Mountain	DC	RC	25.91	27.43	1.52	13.10
RC9425	Tit Mountain	DC	RC	45.72	56.39	10.67	0.65
RC9425	Tit Mountain	DC	RC	92.96	94.49	1.52	1.53
RC9426	Tit Mountain	DC	RC	7.62	32.00	24.38	0.41
RC9426	Tit Mountain	DC	RC	62.48	68.58	6.10	0.61
RC9426	Tit Mountain	DC	RC	99.06	108.20	9.14	0.59
RC9427	Tit Mountain	DC	RC	35.05	38.10	3.05	1.33
RC9428	Tit Mountain	DC	RC	28.96	32.00	3.05	3.76
RC9430	Tit Mountain	DC	RC	18.29	22.86	4.57	0.78

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RC9430	Tit Mountain	DC	RC	82.30	100.58	18.29	0.57
RC9430	Tit Mountain	DC	RC	123.44	124.97	1.52	2.61
RC9431	Tit Mountain	DC	RC	7.62	13.72	6.10	2.55
RC9431	Tit Mountain	DC	RC	7.62	10.67	3.05	4.82
RC9432	Tit Mountain	DC	RC	124.97	129.54	4.57	0.62

**Appendix B: Application for Certificate of Work**



QUARTZ MINING ACT FORM 4 SECTION 56  
APPLICATION FOR CERTIFICATE OF WORK

Submit to district mining recorder.

Mining district Whitehorse

I, \_\_\_\_\_  
APPLICANT'S FULL NAME

of 3081 Third Ave Whitehorse, Yukon Y1A 4Z7  
COMPLETE POSTAL ADDRESS

Client I.D. # \_\_\_\_\_ Phone 819-354-5244

Email mark@breakawayx.com

Agent for Hill 79 Resources Corp.

Office date stamp

I 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 under grouping number \_\_\_\_\_. Approval/Class 1 notification number LQ00513.

2. Work has been done on the following claim(s) to the value of at least 81,669.81 dollars in accordance with the schedule of representation work. All work performed was undertaken between the 1st day of June 20 20 and the 27th day of November 20 20.

LIST ALL CLAIMS WORKED BY GRANT NUMBER AND CLAIM NAME, AND IDENTIFY WORK LOCATIONS ON ATTACHED SKETCH. ATTACH ADDITIONAL PAGES IF REQUIRED.  
See attached Claim List

3. The following is a detailed statement of such work – length, width and depth of each hole, pit, trench, clearing, type(s) of equipment used and operator(s). Identify all areas on an attached map. (Attach additional pages if required.)

a) Equipment: n/a

b) Operator: n/a

c) Full details of work: Airborne geophysical survey 629 line-km; soil (307) and rock (20) sampling

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

d) Details of reclamation: n/a

\_\_\_\_\_

A statement of expenditures (if applicable) has been attached, signed and dated.

4. List claims to be renewed by claim name and grant number, and show the renewal years requested on each claim.

CLAIM NAME(S)	GRANT NUMBER(S)	RENEWAL YEARS
<u>See attached list</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please see the attached claim status report which has been signed and dated.

DECLARED before me at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Signature of notary public

\_\_\_\_\_  
Signature of owner or agent

\_\_\_\_\_  
Notary public's stamped or printed name

My notary public enrollment expires on: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_



QUARTZ MINING ACT FORM 4 SECTION 56  
APPLICATION FOR CERTIFICATE OF WORK

Submit to district mining recorder.

Mining district Whitehorse

I, \_\_\_\_\_  
APPLICANT'S FULL NAME

of 3081 Third Ave Whitehorse, Yukon Y1A 4Z7  
COMPLETE POSTAL ADDRESS

Client I.D. # \_\_\_\_\_ Phone 819-354-5244

Email mark@breakawayx.com

Agent for Hill 79 Resources Corp.

Office date stamp

I 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 under grouping number \_\_\_\_\_ . Approval/Class 1 notification number LQ00513 .

2. Work has been done on the following claim(s) to the value of at least 16,373.84 dollars in accordance with the schedule of representation work. All work performed was undertaken between the 1st day of June 20 20 and the 27th day of November 20 20 .

LIST ALL CLAIMS WORKED BY GRANT NUMBER AND CLAIM NAME, AND IDENTIFY WORK LOCATIONS ON ATTACHED SKETCH. ATTACH ADDITIONAL PAGES IF REQUIRED.

See attached Claim List

3. The following is a detailed statement of such work – length, width and depth of each hole, pit, trench, clearing, type(s) of equipment used and operator(s). Identify all areas on an attached map. (Attach additional pages if required.)

a) Equipment: n/a

b) Operator: n/a

c) Full details of work: Airborne geophysical survey 235 line-km

d) Details of reclamation: n/a

A statement of expenditures (if applicable) has been attached, signed and dated.

4. List claims to be renewed by claim name and grant number, and show the renewal years requested on each claim.

CLAIM NAME(S)	GRANT NUMBER(S)	RENEWAL YEARS
<u>See attached list</u>		

Please see the attached claim status report which has been signed and dated.

DECLARED before me at \_\_\_\_\_ , this \_\_\_\_\_ day of \_\_\_\_\_ , 20\_\_\_\_.

\_\_\_\_\_  
Signature of notary public

\_\_\_\_\_  
Signature of owner or agent

\_\_\_\_\_  
Notary public's stamped or printed name

My notary public enrollment expires on: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Access to Information and Protection of Privacy Act: This information is being collected under the authority of section 56 of the Quartz Mining Act and section 29(c) Access to Information and Protection of Privacy Act for the purpose of administering claim renewals under the Quartz Mining Act. This document may be made available to the public. For further information, contact the Department of Energy, Mines and Resources, Mining Lands Office at 867-667-3190 or toll free at 1-800-661-0408 extension 3190.



Statement of Expenses 2020 MtVic

Work 2020	DC (South Block)	Inv. No.	Rate		Cost	Totals
	Geophysics					
5250	Labour or Contract					
	Airborne Survey (235 line-km)	Precision 2030	1 @	\$16,373.84	16,373.84	
						16,373.84
					<b>Total 2020</b>	<b>16,373.84</b>

Claim List for Cert of Work 2020 MtVic

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Airborne Survey	Geochem	Years	Annual Fee	Total
YC26006	JCS	27	1-Dec-23	1-Dec-27	\$405.80		4	\$ 5.00	\$ 20.00
YC26007	JCS	28	1-Dec-23	1-Dec-27	\$405.80		4	\$ 5.00	\$ 20.00
YC26008	JCS	29	1-Dec-23	1-Dec-27	\$405.80		4	\$ 5.00	\$ 20.00
YC26009	JCS	30	1-Dec-23	1-Dec-27	\$405.80		4	\$ 5.00	\$ 20.00
YC26010	JCS	31	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26011	JCS	32	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26012	JCS	33	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26013	JCS	34	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26014	JCS	35	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26015	JCS	36	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26016	JCS	37	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YC26017	JCS	38	1-Dec-23	1-Dec-27			4	\$ 5.00	\$ 20.00
YA93037	VIC	33	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93038	VIC	34	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93039	VIC	35	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93040	VIC	36	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93041	VIC	37	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93042	VIC	38	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93043	VIC	39	1-Dec-24	1-Dec-28	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA93044	VIC	40	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93045	VIC	41	1-Dec-24	1-Dec-28	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA93046	VIC	42	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93047	VIC	43	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93048	VIC	44	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93049	VIC	45	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93050	VIC	46	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93051	VIC	47	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93052	VIC	48	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93053	VIC	49	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93054	VIC	50	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93056	VIC	52	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93058	VIC	54	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93111	VIC	107	1-Dec-24	1-Dec-28			4	\$ 5.00	\$ 20.00
YA93112	VIC	108	1-Dec-24	1-Dec-28			4	\$ 5.00	\$ 20.00
YA93113	VIC	109	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93114	VIC	110	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93115	VIC	111	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93116	VIC	112	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93117	VIC	113	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93118	VIC	114	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93119	VIC	115	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93120	VIC	116	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
YA93121	VIC	117	1-Dec-24	1-Dec-28			4	\$ 5.00	\$ 20.00
YA93122	VIC	118	1-Dec-24	1-Dec-28			4	\$ 5.00	\$ 20.00
YC25919	JCS	4	1-Dec-24	1-Dec-28	\$405.80		4	\$ 5.00	\$ 20.00
Y 76024	VIC	24	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YA86319	VIC	14	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YA86320	VIC	15	1-Dec-25	1-Dec-29	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86321	VIC	16	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19413	VIC	51	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19414	VIC	53	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19415	VIC	55	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19416	VIC	56	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19417	VIC	57	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19418	VIC	58	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19419	VIC	59	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19420	VIC	60	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19421	VIC	61	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19422	VIC	62	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19423	VIC	63	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19424	VIC	64	1-Dec-25	1-Dec-29			4	\$ 5.00	\$ 20.00
YC19425	VIC	71	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19426	VIC	72	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19427	VIC	73	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19428	VIC	74	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19439	VIC	99	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19440	VIC	100	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19441	VIC	101	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19442	VIC	102	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19443	VIC	103	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19444	VIC	104	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00



Claim List for Cert of Work 2020 MtVic

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Airborne Survey	Geochem	Years	Annual Fee	Total
YC19445	VIC	105	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC19446	VIC	106	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25920	JCS	5	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25921	JCS	6	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25922	JCS	7	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25923	JCS	8	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25924	JCS	9	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25925	JCS	10	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25926	JCS	11	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25927	JCS	12	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25928	JCS	13	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25929	JCS	14	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25930	JCS	15	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25931	JCS	16	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25932	JCS	17	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
YC25933	JCS	18	1-Dec-25	1-Dec-29	\$405.80		4	\$ 5.00	\$ 20.00
Y 76007	VIC	7	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86310	VIC	3	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86311	VIC	4	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86312	VIC	5	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86313	VIC	6	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86314	VIC	8	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86324	VIC	19	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86325	VIC	20	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86327	VIC	22	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC25998	JCS	19	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC25999	JCS	20	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26000	JCS	21	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26001	JCS	22	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26002	JCS	23	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26003	JCS	24	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26004	JCS	25	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YC26005	JCS	26	1-Dec-26	1-Dec-30	\$405.80		4	\$ 5.00	\$ 20.00
YA86308	VIC	1	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86315	VIC	10	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86317	VIC	12	1-Dec-27	1-Dec-31	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86322	VIC	17	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86323	VIC	18	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86326	VIC	21	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86328	VIC	23	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YA86329	VIC	25	1-Dec-27	1-Dec-31	\$405.80		4	\$ 5.00	\$ 20.00
YC19433	VIC	93	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
YC19434	VIC	94	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
YC19435	VIC	95	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
YC19436	VIC	96	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
YC19437	VIC	97	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
YC19438	VIC	98	1-Dec-28	1-Dec-32	\$405.80		4	\$ 5.00	\$ 20.00
Y 76009	VIC	9	1-Dec-29	1-Dec-33	\$405.80		4	\$ 5.00	\$ 20.00
Y 76026	VIC	26	1-Dec-29	1-Dec-34	\$405.80		4	\$ 5.00	\$ 20.00
YA86318	VIC	13	1-Dec-29	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86332	VIC	29	1-Dec-29	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86333	VIC	30	1-Dec-29	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86334	VIC	31	1-Dec-29	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86335	VIC	32	1-Dec-29	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86330	VIC	27	1-Dec-30	1-Dec-33	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86316	VIC	11	1-Dec-31	1-Dec-35	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
YA86331	VIC	28	1-Dec-31	1-Dec-35	\$405.80	\$3,167.94	4	\$ 5.00	\$ 20.00
Column Total					\$43,826.16	\$38,015.27	512	\$ 5.00	\$ 2,560.00
Check Column less Expenses (Should be Zero)					\$0.00				
Number of Claims where work was done					128				
Expenses from Statement of Costs					\$81,841.43				
Work required for requested renewal					\$51,200.00				
Surplus (Deficit)					\$30,641.43				
Renewal Fees =					512	years @	\$5.00		\$2,560.00
<b>Please common date all claims to December 1st</b>									
<b>Please group all claims</b>									

Claim List for Cert of Work 2020 MtVic

Claim Information					Actual Work	Done by Claim	Renewal		
Grant No.	Claim Name	Claim No.	Expiry Date	Extend to Date	Airborne Survey		Years	Annual Fee	Total
YA97733	BIT	1	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA97734	BIT	2	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA97735	BIT	3	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA97736	BIT	4	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA97737	BIT	5	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA81422	BULL	3	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA81423	BULL	4	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA81424	BULL	5	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA81425	BULL	6	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA81426	BULL	7	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA81427	BULL	8	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA86288	BULL	9	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA86289	BULL	10	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA86290	BULL	11	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA86292	BULL	13	27-Nov-24	1-Dec-25	\$327.48		1.25	\$ 5.00	\$ 6.25
YA86294	BULL	15	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36259	JBF	1	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36954	JBF	2	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36955	JBF	3	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36956	JBF	4	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36957	JBF	5	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36959	JBF	7	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB36258	JLZ	1	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA95014	LGCS	1	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA95016	LGCS	3	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA95099	MSL		1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA93138	RAS	1	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA93139	RAS	2	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA93140	RAS	3	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA93141	RAS	4	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA82167	WEDGE	1	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82168	WEDGE	2	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82169	WEDGE	3	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82170	WEDGE	4	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82171	WEDGE	5	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82172	WEDGE	6	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82173	WEDGE	7	1-Dec-25		\$327.48		0.00	\$ 5.00	\$ -
YA82174	WEDGE	8	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA82175	WEDGE	9	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA82176	WEDGE	10	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA82181	WEDGE	15	1-Dec-21	1-Dec-25	\$327.48		4.00	\$ 5.00	\$ 20.00
YA93843	WEDGE	16	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YA93844	WEDGE	17	27-Nov-21	1-Dec-25	\$327.48		4.25	\$ 5.00	\$ 21.25
YB54755	J.D.	1	27-Nov-21						
YB54756	J.D.	2	27-Nov-21						
55836	COURTLAND		27-Nov-40		\$327.48				
4210	HAZEL ANNE		27-Nov-40		\$327.48				
39192	IDA MAY		27-Nov-40		\$327.48				
39134	MACK		27-Nov-40		\$327.48				
55602	MYRTLE		27-Nov-40		\$327.48				
4209	RICCO		27-Nov-40		\$327.48				
4243	SUNSET		27-Nov-40		\$327.48				
				Column Total	\$16,373.84	\$0.00	146.25	\$ 5.00	\$ 731.25
				Check Column less Expenses (Should be Zero)	\$0.00				
				Number of Claims where work was done	50				
				Expenses from Statement of Costs	\$16,373.84				
				Work required for requested renewal	\$14,625.00				
				Surplus (Deficit)	\$1,748.84				
				Renewal Fees = 146.25 years @ \$5.00	\$731.25				
<b>Please common date all claims to December 1st EXCEPT J.D. 1 and 2</b>									

**Appendix C: YMEP Final Submission**

YMEP FINAL SUBMISSION FORM

		Date submitted: 2021-01-11											
submit by January 31st to:  (winter placer projects may submit at pre-approved date)		YMEP- EMR/ YTG Street address: 102-300 Main Street Mailing address: Box 2703, K-102 Whitehorse, Yt, Y1A 2C6											
		YMEP@gov.yk .ca phone: 867-456-3828 fax: 867-667-3198											
<b>CONTACT INFO</b>		<b>PROJECT INFO</b>											
Name:	Hill79 Resources Corp.	YMEP no:	20-120										
Address:	4281 rue St-Hubert	Project name:	Mount Vic										
	Montreal, Quebec H2J 2W6	Project type:	Hard Rock										
email	mark@breakawayx.com	Project module:	Target Evaluation										
Phone:	8193545244												
Is the final report enclosed? <table style="display: inline-table; margin-left: 20px;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="padding: 0 5px;">yes</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding: 0 5px;">no</td> </tr> </table> <table style="display: inline-table; margin-left: 20px;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="padding: 0 5px;">hard copy</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding: 0 5px;">pdf copy</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding: 0 5px;">digital spreadsheet of station location data</td> </tr> </table>				<input type="checkbox"/>	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>	hard copy	<input checked="" type="checkbox"/>	pdf copy	<input checked="" type="checkbox"/>	digital spreadsheet of station location data
<input type="checkbox"/>	yes												
<input checked="" type="checkbox"/>	no												
<input type="checkbox"/>	hard copy												
<input checked="" type="checkbox"/>	pdf copy												
<input checked="" type="checkbox"/>	digital spreadsheet of station location data												
Comment:													
<b>PROJECT SUMMARY</b>													
Total project expenditures:	\$98,215.27												
Number of new claims since March 31st:	0												
Has an option resulted since March 31?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> in negotiation										
Number of calendar field days:	11.5												
Number of person-days of employment:	31.5 paid _____ days of unpaid work												
Total no. of samples:	20 rocks	0 silts	307 soils										
	0	0	0 other										
Total length/volume of trenching/ shafting:	0												
Total number of line-km of geophysics	864												
Total meters drilled	0 diamond drill	0 RC drill	0 auger/percussion drill										
Other products (provide details):													
<i>This is not an expense claim form. To request reimbursement of expenses, please submit a separate detailed expense claim form.</i>													
<b>FINANCIAL SUMMARY</b>													
Total daily field allowance	3000.00	Total contractor costs	60200.00										
Total field air transportation costs (helicopter/plane)	3,287.04	Total excavating/ heavy equipment costs	0										
Total truck/ mileage costs	371.78	Total assay/analyses costs	10,189.45										
Total wages paid	12,900.00	Total reclamation costs	0										
Total light equipment rental costs	275.00	Total report writing cost	7500										
Other (please specify) Misc. supplies -	492.00	Total staking costs	0										
Other (please specify)													

YMEP FINAL SUBMISSION FORM

Your feedback on any aspect of the program:

Excellent program

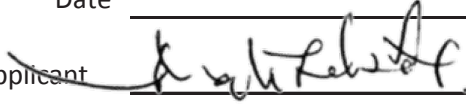
- the Mount Vic project would probably not have been done in 2020 without the YMEP grant
- the positive results from the 2020 program will allow Hill79 to finance a much larger in 2021
- the Yukon government should promote positive programs like YMEP rather than putting constraints on early-stage exploration efforts such as the Notification for Class 1 Activity process brought in (without legislation) by the Yukon Government in April 2020
- Class 1 Notification is an unjustifiable level of permitting that hinders early-stage exploration, breaks good faith with the mineral exploration industry, penalizes and stigmatizes prospectors and small exploration companies, burdens Yukon and First Nation government workers with unnecessary administration and paperwork, exaggerates exploration activity by generating numerous notification files where work may not be done and is generally is divisive
- Moreover Class 1 Notification is not a neutrally conducted assessment process and gives too much discretion to individual government employees (some of whom have a clear anti-mining bias)
- Finally Class 1 Notification undermines and diminishes the YESAA process

The Department of Energy, Mines and Resources may verify all statements related to and made on this form, in any previously submitted reports, interim claims and in the Summary or Technical Report which accompanies it.

I certify that;

1. I am the person, or the representative of the company or partnership, named in the Application for Funding and in the Contribution Agreement under the Yukon Mining Incentives Program.
2. I am a person who is nineteen years of age or older, and I have complied with all the requirements of the said program.
3. I hereby apply for the final payment of a contribution under the Yukon Mineral Exploration Program (YMEP) and declare the information contained within the Summary or Technical Report and this form to be true and accurate.

Date 2021-01-11

Signature of Applicant 

Name (print) Mark Fekete

**Appendix D: 2020 Sample Descriptions**

Rock 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Sample Type	Lithology	R_Colour	BV cert.	Au_ppm_AA	Au_gpt_Grav
140925	MHuber	1670	387756	6892681	8N_WGS84	FloatGrab	VeinQuartz	White	WHI20000295	10	32.8
140926	MHuber	1685	387695	6892703	8N_WGS84	FloatGrab	VeinQuartz	White	WHI20000295	0.443	
140964	MHuber	1670	387279	6892717	8N_WGS84	TrenchChannel	VeinQuartz	RustyOrange	WHI20000295	0.165	
140965	MHuber	1667	387280	6892712	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	56.9
140966	MHuber	1665	387313	6892853	8N_WGS84	TalusGrab	VeinQuartz	White	WHI20000295	10	30.5
140967	MHuber	1667	387282	6892859	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	14.6
140968	MHuber	1678	387255	6892853	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	10	11.4
140969	MHuber	1670	387223	6892843	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	4.549	
140914	MHuber	1657	387582	6893043	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	69.8
140915	MHuber	1639	387515	6893066	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	10	30.5
140916	MHuber	1633	387486	6893049	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	10	60.6
140917	MHuber	1627	387452	6893039	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	10	27.1
140918	MHuber	1629	387379	6893044	8N_WGS84	TrenchChip	VeinQuartz	Grey	WHI20000295	8.908	
140919	MHuber	1629	387376	6893037	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	15.8
140920	MHuber	1621	387365	6893039	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	201.3
140921	MHuber	1627	387345	6893039	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	36.1
140922	MHuber	1635	387300	6893038	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	10	132.7
140923	MHuber	1635	387291	6893033	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	1.964	
140924	MHuber	1642	387276	6893036	8N_WGS84	TrenchChip	VeinQuartz	White	WHI20000295	5.101	
201735	MHuber	1481	387083	6892106	8N_WGS84	OutcropGrab	VeinQuartz	BrownLight	WHI20000295	0.01	

## Soil 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
203558	MHuber	1596	386655	6892854	8N_WGS84	Colluvium	Brown	Gravel		C	80	Wet	Good	AlpineBare	WHI20000294_1	3.7
203559	MHuber	1596	386663	6892811	8N_WGS84	Soil	Brown	Gravel		C	50	Frozen	Excellent	AlpineBare	WHI20000294_1	2.7
203560	MHuber	1599	386672	6892759	8N_WGS84	Soil	Grey	Sand		C	65	Frozen	Poor	AlpineBare	WHI20000294_1	4.3
203561	MHuber	1604	386676	6892717	8N_WGS84	Soil	Brown	Silt	Drainage	B	50	Frozen	Poor	AlpineBare	WHI20000294_1	3.1
203562	MHuber	1604	386688	6892657	8N_WGS84	Soil	Brown	Silt		B	50	Moist	Poor	AlpineBare	WHI20000294_1	3.1
203563	MHuber	1613	386694	6892614	8N_WGS84	Soil	BrownDark	Silt		B	60	Moist	Poor	AlpineBare	WHI20000294_1	2.5
203564	MHuber	1635	386705	6892560	8N_WGS84	Soil	Brown	Silt		B	50	Moist	Poor	AlpineBare	WHI20000294_1	4.3
203565	MHuber	1650	386714	6892515	8N_WGS84	Soil	Brown	Silt		C	45	Moist	Good	AlpineBare	WHI20000294_1	4.1
203566	MHuber	1667	386720	6892466	8N_WGS84	Soil	Brown	Silt		C	50	Moist	Good	AlpineBare	WHI20000294_1	28.1
203567	MHuber	1674	386729	6892416	8N_WGS84	Soil	Brown	Silt		C	50	Dry	Good	AlpineBare	WHI20000294_1	3.7
203568	MHuber	1674	386736	6892372	8N_WGS84	Soil	Brown	Sand		B	35	Dry	Poor	AlpineBare	WHI20000294_1	2.2
203569	MHuber	1688	386745	6892317	8N_WGS84	Soil	Brown	Silt	RidgeAlpine	B	40	Moist	Good	AlpineBare	WHI20000294_1	4.5
203570	MHuber	1665	386785	6892270	8N_WGS84	Soil	Brown	Silt	SteepS	B		Dry	Poor	AlpineBare	WHI20000294_1	4.2
203571	MHuber	1619	386858	6892238	8N_WGS84	Soil	Brown	Silt	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	9.9
203572	MHuber	1640	386849	6892283	8N_WGS84	Soil	Brown	Silt	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	6.1
203573	MHuber	1660	386844	6892336	8N_WGS84	Soil	Brown	Silt	SteepS	B	20	Moist	Good	AlpineBare	WHI20000294_1	4.1
203574	MHuber	1677	386834	6892383	8N_WGS84	Soil	Brown	Silt	ModerateS	B	35	Moist	Good	AlpineBare	WHI20000294_1	3.5
203575	MHuber	1673	386829	6892433	8N_WGS84	Soil	Brown	Silt	Flat	B	20	Moist	Good	AlpineBare	WHI20000294_1	3.5
203576	MHuber	1669	386820	6892483	8N_WGS84	Soil	Brown	Silt	Flat	B	20	Moist	Good	AlpineBare	WHI20000294_1	9.8
203577	MHuber	1651	386803	6892532	8N_WGS84	Soil	Brown	Silt	ModerateN	B	20	Moist	Good	AlpineBare	WHI20000294_1	5.5
203578	MHuber	1639	386801	6892579	8N_WGS84	Soil	BrownLight	Sand	ModerateN	B	45	Dry	Poor	AlpineBare	WHI20000294_1	0.6
203579	MHuber	1624	386793	6892627	8N_WGS84	Soil	Grey	Silt	ModerateN	B	50	Wet	Poor	AlpineBare	WHI20000294_1	5.3
203580	MHuber	1614	386783	6892683	8N_WGS84	Soil	Brown	Silt	Flat	B	45	Moist	Good	AlpineBare	WHI20000294_1	4.5
203581	MHuber	1610	386783	6892734	8N_WGS84	Soil	BrownLight	Silt	Flat	B	50	Moist	Good	AlpineBare	WHI20000294_1	13.0
203582	MHuber	1609	386768	6892784	8N_WGS84	Soil	Grey	Gravel	Flat	B	55	Wet	Good	AlpineBare	WHI20000294_1	4.0
203583	MHuber	1612	386758	6892822	8N_WGS84	Soil	Brown	Silt	Flat	C	50	Frozen	Good	AlpineBare	WHI20000294_1	1.7
203584	MHuber	1606	386751	6892876	8N_WGS84	Soil	BrownLight	Silt	Flat	C	60	Wet	Excellent	AlpineBare	WHI20000294_1	2.0
203586	MHuber	1640	386952	6892894	8N_WGS84	Soil	BrownLight	Silt	ModerateN	C	50	Moist	Good	AlpineBare	WHI20000294_1	2.1
203587	MHuber	1646	386959	6892855	8N_WGS84	Soil	BrownLight	Silt	Flat	C	45	Moist	Good	AlpineBare	WHI20000294_1	12.1
203588	MHuber	1642	386966	6892806	8N_WGS84	Soil	BrownLight	Silt	ModerateN	C	60	Moist	Excellent	AlpineBare	WHI20000294_1	3.3
203589	MHuber	1647	386969	6892750	8N_WGS84	Soil	BrownLight	Silt	Flat	C	60	Moist	Excellent	AlpineBare	WHI20000294_1	9.5
203590	MHuber	1647	386967	6892725	8N_WGS84	Soil	Brown	Silt	Flat	B	60	Dry	Good	AlpineBare	WHI20000294_1	3.6
203591	MHuber	1648	386983	6892654	8N_WGS84	Soil	BrownLight	Silt	Flat	C	75	Moist	Excellent	AlpineBare	WHI20000294_1	9.2
203592	MHuber	1538	386599	6893202	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	50	Moist	Good	AlpineBare	WHI20000294_1	2.4
203593	MHuber	1520	386587	6893251	8N_WGS84	Soil	Brown	Silt	DrainageSeasonal	B	60	Wet	Poor	AlpineBare	WHI20000294_1	0.6
203594	MHuber	1508	386577	6893306	8N_WGS84	Soil	Brown	Silt	ModerateN	B	50	Dry	Excellent	AlpineBare	WHI20000294_1	0.9
203595	MHuber	1491	386628	6893606	8N_WGS84	Soil	Brown	Silt	ModerateN	B	40	Wet	Poor	AlpineBare	WHI20000294_1	0.1
203596	MHuber	1496	386640	6893563	8N_WGS84	Soil	Grey	Gravel	Flat	B	40	Moist	Good	AlpineBare	WHI20000294_1	3.1
203597	MHuber	1497	386646	6893517	8N_WGS84	Soil	Grey	Gravel	Flat	B	45	Wet	Good	AlpineBare	WHI20000294_1	2.7
203598	MHuber	1506	386652	6893469	8N_WGS84	Soil	Brown	Silt	Flat	B	45	Frozen	Poor	AlpineBare	WHI20000294_1	0.6
203599	MHuber	1515	386663	6893417	8N_WGS84	Soil	Brown	Silt	ModerateN	B	35	Moist	Good	AlpineBare	WHI20000294_1	1.5
203600	MHuber	1513	386674	6893374	8N_WGS84	Soil	Brown	Silt	ModerateN	C	45	Dry	Excellent	AlpineBare	WHI20000294_1	4.6
203601	MHuber	1513	386678	6893314	8N_WGS84	Soil	Brown	Silt	ModerateN	B	50	Wet	Poor	DrainageAlder	WHI20000294_1	0.6
203602	MHuber	1522	386683	6893272	8N_WGS84	Soil	Brown	Silt	ModerateN	B	40	Frozen	Poor	DrainageAlder	WHI20000294_1	1.5
203603	MHuber	1535	386696	6893216	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	50	Dry	Good	AlpineBare	WHI20000294_1	3.3
203604	MHuber	1550	386701	6893176	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	2.4
203605	MHuber	1565	386708	6893120	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	2.3
203606	MHuber	1585	386718	6893076	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	4.5
203607	MHuber	1590	386722	6893022	8N_WGS84	Soil	BrownLight	Gravel	Flat	C	60	Moist	Good	AlpineBare	WHI20000294_1	2.5
203608	MHuber	1596	386735	6892974	8N_WGS84	Soil	Brown	Gravel		B	40	Dry	Good	AlpineBare	WHI20000294_1	2.2
203609	MHuber	1601	386744	6892913	8N_WGS84	Soil	Brown	Silt	Flat	B	30	Dry	Good	AlpineBare	WHI20000294_1	1.5
203610	MHuber	1585	386642	6892912	8N_WGS84	Soil	Brown	Gravel	Flat	B	50	Moist	Good	AlpineBare	WHI20000294_1	3.4



## Soil 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
203611	MHuber	1581	386634	6892962	8N_WGS84	Soil	Brown	Gravel	Flat	B	40	Dry	Good	AlpineBare	WHI20000294_1	0.6
203612	MHuber	1582	386628	6893013	8N_WGS84	Soil	BrownLight	Gravel	Flat	B	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.4
203613	MHuber	1574	386619	6893058	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	20	Dry	Poor	AlpineBare	WHI20000294_1	2.4
203614	MHuber	1564	386608	6893105	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	35	Wet	Good	AlpineBare	WHI20000294_1	3.8
203615	MHuber	1551	386602	6893149	8N_WGS84	Soil	Brown	Gravel	SteepN	B	70	Moist	Excellent	AlpineBare	WHI20000294_1	9.0
203616	MHuber	1578	387267	6893420	8N_WGS84	Soil	Brown	Silt		B	25	Dry	Good	AlpineBare	WHI20000294_1	12.5
203617	MHuber	1590	387280	6893368	8N_WGS84	Soil	Grey	Gravel	Drainage	B	60	Wet	Good	AlpineBare	WHI20000294_1	18.3
203618	MHuber	1598	387286	6893322	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	65	Moist	Good	AlpineBare	WHI20000294_1	7.4
203619	MHuber	1603	387295	6893266	8N_WGS84	Soil	BrownLight	Gravel	ModerateN	C	80	Wet	Excellent	AlpineBare	WHI20000294_1	3.6
203620	MHuber	1607	387299	6893218	8N_WGS84	Soil	BrownLight	Gravel	Flat	C	35	Wet	Good	AlpineBare	WHI20000294_1	5.1
203621	MHuber	1615	387318	6893168	8N_WGS84	Soil	BrownLight	Gravel	ModerateN	C	50	Dry	Excellent	AlpineBare	WHI20000294_1	7.3
203622	MHuber	1624	387323	6893114	8N_WGS84	Soil	BrownLight	Gravel	ModerateN	C	50	Wet	Good	AlpineBare	WHI20000294_1	14.2
203623	MHuber	1629	387325	6893079	8N_WGS84	Soil	Brown	Gravel	ModerateN	C	50	Wet	Good	AlpineBare	WHI20000294_1	9.8
203624	MHuber	1642	387334	6893022	8N_WGS84	Soil	Brown	Gravel	ModerateN	C	85	Dry	Excellent	AlpineBare	WHI20000294_1	11.9
203625	MHuber	1653	387232	6893011	8N_WGS84	Soil	RustyOrange	Gravel	ModerateN	C	90	Dry	Excellent	AlpineBare	WHI20000294_1	6.4
203626	MHuber	1641	387233	6893059	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	25	Dry	Poor	AlpineBare	WHI20000294_1	5.9
203627	MHuber	1632	387220	6893109	8N_WGS84	Soil	BrownLight	Silt	ModerateN	C	50	Wet	Good	AlpineBare	WHI20000294_1	7.0
203628	MHuber	1623	387209	6893156	8N_WGS84	Soil	Brown	Silt	ModerateN	B	35	Wet	Poor	AlpineBare	WHI20000294_1	9.2
203629	MHuber	1616	387204	6893206	8N_WGS84	Soil	BrownLight	Silt	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	2.9
203630	MHuber	1603	387194	6893254	8N_WGS84	Soil	Brown	Silt	ModerateN	B	35	Frozen	Good	AlpineBare	WHI20000294_1	5.3
203631	MHuber	1601	387186	6893304	8N_WGS84	Soil	Grey	Gravel	ModerateN	B	40	Frozen	Good	AlpineBare	WHI20000294_1	2.0
203632	MHuber	1592	387182	6893349	8N_WGS84	Soil	Grey	Silt	ModerateN	B	30	Frozen	Poor	AlpineBare	WHI20000294_1	7.6
203633	MHuber	1568	387169	6893400	8N_WGS84	Soil	Brown	Silt	ModerateN	B	45	Moist	Good	AlpineBare	WHI20000294_1	5.4
203634	MHuber	1558	387163	6893452	8N_WGS84	Soil	BrownLight	Gravel	Drainage	B	35	Wet	Good	AlpineBare	WHI20000294_1	5.0
203635	MHuber	1546	387156	6893500	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	35	Frozen	Good	AlpineBare	WHI20000294_1	6.8
203636	MHuber	1534	387136	6893598	8N_WGS84	Soil	Grey	Silt	Flat	B	50	Frozen	Poor	AlpineBare	WHI20000294_1	23.2
203637	MHuber	1523	387122	6893745	8N_WGS84	Soil	Grey	Gravel	Flat	B	45	Frozen	Good	AlpineBare	WHI20000294_1	6.9
203638	MHuber	1519	387105	6893795	8N_WGS84	Soil	Brown	Silt	Flat	C	25	Dry	Good	AlpineBare	WHI20000294_1	2.2
203639	MHuber	1513	387099	6893841	8N_WGS84	Soil	Brown	Silt	Flat	B	25	Dry	Good	AlpineBare	WHI20000294_1	5.7
203641	MHuber	1517	387208	6893811	8N_WGS84	Soil	Brown	Silt	ModerateN	B	40	Moist	Poor	AlpineBare	WHI20000294_1	2.4
203642	MHuber	1531	387213	6893764	8N_WGS84	Soil	Brown	Silt	ModerateN	B	15	Dry	Poor	AlpineBare	WHI20000294_1	0.9
203643	MHuber	1542	387219	6893710	8N_WGS84	Soil	Brown	Silt	ModerateN	B	20	Wet	Good	AlpineBare	WHI20000294_1	5.2
203644	MHuber	1553	387231	6893661	8N_WGS84	Soil	Grey	Gravel	ModerateN	B	45	Wet	Good	AlpineBare	WHI20000294_1	7.3
203645	MHuber	1554	387235	6893608	8N_WGS84	Soil	Grey	Silt	Flat	B	40	Frozen	Poor	AlpineBare	WHI20000294_1	2.6
203646	MHuber	1557	387249	6893568	8N_WGS84	Soil	Brown	Silt	Flat	B	40	Moist	Good	AlpineBare	WHI20000294_1	4.2
203647	MHuber	1567	387252	6893513	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Wet	Good	AlpineBare	WHI20000294_1	69.4
203648	MHuber	1575	387260	6893467	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	30	Wet	Good	AlpineBare	WHI20000294_1	20.5
203649	MHuber	1662	387051	6892924	8N_WGS84	Soil	Brown	Gravel	Flat	C	55	Wet	Excellent	AlpineBare	WHI20000294_1	9.7
203650	MHuber	1660	387058	6892871	8N_WGS84	Soil	Brown	Gravel	Flat	B	30	Moist	Good	AlpineBare	WHI20000294_1	4.9
203651	MHuber	1664	387066	6892828	8N_WGS84	Soil	Brown	Gravel	Flat	C	45	Moist	Good	AlpineBare	WHI20000294_1	15.2
203652	MHuber	1660	387071	6892781	8N_WGS84	Soil	Brown	Gravel	Flat	B	40	Moist	Good	AlpineBare	WHI20000294_1	3.3
203653	MHuber	1659	387083	6892730	8N_WGS84	Soil	Brown	Gravel	Flat	C	75	Dry	Excellent	AlpineBare	WHI20000294_1	3.7
203654	MHuber	1654	387091	6892675	8N_WGS84	Soil	BrownLight	Silt	Flat	C	40	Moist	Excellent	AlpineBare	WHI20000294_1	83.7
203655	MHuber	1649	387094	6892621	8N_WGS84	Soil	Green	Silt	Flat	C	75	Moist	Excellent	AlpineBare	WHI20000294_1	3.5
203656	MHuber	1641	387108	6892578	8N_WGS84	Soil	Brown	Gravel	SteepS	B	25	Moist	Good	AlpineBare	WHI20000294_1	14.0
203657	MHuber	1619	387113	6892530	8N_WGS84	Soil	Brown	Gravel	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	1.8
203658	MHuber	1600	387120	6892481	8N_WGS84	Soil	Brown	Gravel	SteepS	B	30	Dry	Good	AlpineBare	WHI20000294_1	5.1
203659	MHuber	1580	387133	6892432	8N_WGS84	Soil	Brown	Silt	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	1.2
203660	MHuber	1557	387138	6892377	8N_WGS84	Soil	Brown	Silt	SteepS	B	50	Moist	Poor	AlpineBare	WHI20000294_1	2.7
203661	MHuber	1537	387145	6892334	8N_WGS84	Soil	Brown	Silt	SteepS	B	40	Wet	Poor	AlpineBare	WHI20000294_1	7.7
203662	MHuber	1523	387255	6892303	8N_WGS84	Soil	Brown	Gravel	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	1.1
203663	MHuber	1540	387243	6892352	8N_WGS84	Soil	Brown	Silt	SteepS	B	35	Dry	Good	AlpineBare	WHI20000294_1	7.4

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No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
203664	MHuber	1565	387242	6892402	8N_WGS84	Soil	Brown	Gravel	SteepS	B	40	Dry	Good	AlpineBare	WHI20000294_1	2.0
203665	MHuber	1586	387223	6892455	8N_WGS84	Soil	Brown	Gravel	SteepS	B	10	Dry	Good	AlpineBare	WHI20000294_1	4.0
203666	MHuber	1609	387218	6892513	8N_WGS84	Soil	Brown	Gravel	SteepS	B	5	Dry	Good	AlpineBare	WHI20000294_1	3.4
203667	MHuber	1629	387222	6892546	8N_WGS84	Soil	Brown	Gravel	ModerateS	B	25	Moist	Good	AlpineBare	WHI20000294_1	15.8
203668	MHuber	1649	387200	6892596	8N_WGS84	Soil	BrownLight	Gravel	ModerateS	C	50	Moist	Excellent	AlpineBare	WHI20000294_1	7.8
203669	MHuber	1658	387208	6892645	8N_WGS84	Soil	Brown	Gravel	Flat	B	40	Moist	Good	AlpineBare	WHI20000294_1	19.6
203670	MHuber	1656	387181	6892696	8N_WGS84	Soil	Brown	Gravel	Flat	B	40	Dry	Good	AlpineBare	WHI20000294_1	8.4
203671	MHuber	1662	387182	6892742	8N_WGS84	Soil	Brown	Gravel	Flat	B	30	Dry	Good	AlpineBare	WHI20000294_1	19.7
203672	MHuber	1664	387170	6892799	8N_WGS84	Soil	Brown	Silt	Flat	B	30	Dry	Excellent	AlpineBare	WHI20000294_1	3.5
203673	MHuber	1665	387161	6892838	8N_WGS84	Soil	Brown	Silt	Flat	B	45	Dry	Excellent	AlpineBare	WHI20000294_1	2.3
203675	MHuber	1662	387155	6892891	8N_WGS84	Soil	BrownLight	Silt	Flat	C	40	Dry	Excellent	AlpineBare	WHI20000294_1	5.1
203676	MHuber	1656	387150	6892944	8N_WGS84	Soil	Brown	Gravel	Flat	B	35	Dry	Good	AlpineBare	WHI20000294_1	2.6
203677	MHuber	1660	387238	6892952	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	45	Moist	Good	AlpineBare	WHI20000294_1	3.0
203678	MHuber	1695	387735	6893039	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	45	Wet	Good	AlpineBare	WHI20000294_1	60.2
203679	MHuber	1705	387742	6892988	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	7.7
203680	MHuber	1719	387753	6892941	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	20	Dry	Excellent	AlpineBare	WHI20000294_1	6.4
203681	MHuber	1726	387763	6892890	8N_WGS84	Soil	Brown	Gravel	Ridge	C	25	Moist	Excellent	AlpineBare	WHI20000294_1	43.1
203682	MHuber	1732	387778	6892841	8N_WGS84	Soil	Brown	Silt	RidgeAlpine	C	55	Moist	Excellent	AlpineBare	WHI20000294_1	11.7
203683	MHuber	1722	387778	6892793	8N_WGS84	Soil	Brown	Silt	SteepS	C	35	Wet	Excellent	AlpineBare	WHI20000294_1	8.7
203684	MHuber	1700	387786	6892743	8N_WGS84	Soil	Brown	Gravel	ModerateS	B	15	Moist	Good	AlpineBare	WHI20000294_1	3.6
203685	MHuber	1675	387787	6892695	8N_WGS84	Soil	Brown	Gravel	SteepS	B	65	Dry	Good	AlpineBare	WHI20000294_1	26.0
203686	MHuber	1668	387696	6892684	8N_WGS84	Soil	Brown	Gravel	SteepS	B	45	Dry	Excellent	AlpineBare	WHI20000294_1	19.2
203687	MHuber	1701	387693	6892724	8N_WGS84	Soil	Brown	Gravel	SteepS	B	20	Dry	Good	AlpineBare	WHI20000294_1	6.8
203688	MHuber	1711	387680	6892777	8N_WGS84	Soil	Brown	Gravel	RidgeAlpine	B	30	Dry	Good	AlpineBare	WHI20000294_1	2.8
203689	MHuber	1717	387673	6892837	8N_WGS84	Soil	BrownLight	Gravel	RidgeAlpine	B	45	Dry	Excellent	AlpineBare	WHI20000294_1	10.4
203690	MHuber	1713	387664	6892873	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	30	Moist	Good	AlpineBare	WHI20000294_1	2.0
203691	MHuber	1704	387654	6892927	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	30	Dry	Excellent	AlpineBare	WHI20000294_1	3.6
203692	MHuber	1694	387649	6892970	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	40	Moist	Good	AlpineBare	WHI20000294_1	7.3
203704	MHuber	1635	387689	6893339	8N_WGS84	Soil	Grey	Gravel	Swamp	B	65	Frozen	Good	AlpineBare	WHI20000294_1	4.4
203705	MHuber	1643	387716	6893188	8N_WGS84	Soil	Brown	Silt	Flat	B	30	Dry	Poor	AlpineBare	WHI20000294_1	4.6
203706	MHuber	1657	387718	6893140	8N_WGS84	Soil	Brown	Silt	ModerateN	B	45	Moist	Good	AlpineBare	WHI20000294_1	58.0
203708	MHuber	1677	387735	6893090	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	35	Dry	Good	AlpineBare	WHI20000294_1	75.3
201716	DKraemer	1625	386852	6892893	8N_WGS84	Soil	BrownLight	Sand		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	7.4
201717	DKraemer	1628	386857	6892839	8N_WGS84	Soil	BrownLight	Clay		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	4.8
201718	DKraemer	1635	386875	6892792	8N_WGS84	Soil	BrownLight	Clay		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.8
201719	DKraemer	1638	386871	6892736	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	9.1
201720	DKraemer	1646	386881	6892693	8N_WGS84	Soil	BrownLight	Clay		C	20	Dry	Good	AlpineBare	WHI20000294_1	2.4
201721	DKraemer	1648	386887	6892640	8N_WGS84	Soil	BrownLight	Clay		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	8.9
203693	MHuber	1685	387638	6893020	8N_WGS84	Soil	Brown	Gravel	ModerateN	B	30	Dry	Good	AlpineBare	WHI20000294_1	15.0
203694	MHuber	1665	387631	6893071	8N_WGS84	Soil	Brown	Silt	ModerateN	B	25	Moist	Poor	AlpineBare	WHI20000294_1	10.2
203695	MHuber	1639	387626	6893122	8N_WGS84	Soil	BrownLight	Silt	ModerateN	B	50	Wet	Good	AlpineBare	WHI20000294_1	19.7
203696	MHuber	1633	387611	6893173	8N_WGS84	Soil	BrownLight	Silt	Flat	B	50	Frozen	Good	AlpineBare	WHI20000294_1	0.5
203697	MHuber	1627	387605	6893221	8N_WGS84	Soil	Grey	Gravel	Swamp	B	45	Frozen	Poor	AlpineBare	WHI20000294_1	39.7
203698	MHuber	1623	387592	6893268	8N_WGS84	Soil	Brown	Gravel	Swamp	B	20	Moist	Good	AlpineBare	WHI20000294_1	20.0
203699	MHuber	1621	387590	6893319	8N_WGS84	Soil	Grey	Gravel	Swamp	B	50	Frozen	Good	AlpineBare	WHI20000294_1	6.9
203700	MHuber	1618	387578	6893372	8N_WGS84	Soil	Grey	Gravel	Swamp	B	70	Frozen	Good	AlpineBare	WHI20000294_1	5.5
203701	MHuber	1619	387576	6893417	8N_WGS84	Soil	Grey	Silt	Swamp	B	70	Frozen	Poor	AlpineBare	WHI20000294_1	4.0
203702	MHuber	1634	387675	6893429	8N_WGS84	Soil	Brown	Gravel	Flat	B	60	Frozen	Good	AlpineBare	WHI20000294_1	20.3
203703	MHuber	1632	387682	6893379	8N_WGS84	Soil	Grey	Gravel	Swamp	B	60	Frozen	Good	AlpineBare	WHI20000294_1	3.0
201722	DKraemer	1653	386897	6892594	8N_WGS84	Soil	Brown	Silt		B	50	Moist	Poor	AlpineBare	WHI20000294_1	3.3
201724	DKraemer	1652	386918	6892496	8N_WGS84	Soil	BrownLight	Clay		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	4.4
201725	DKraemer	1654	386911	6892448	8N_WGS84	Soil	BrownLight	Gravel		B	20	Dry	Good	AlpineBare	WHI20000294_1	3.9

## Soil 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
201726	DKraemer	1640	386930	6892399	8N_WGS84	Soil	BrownLight	Gravel		C	20	Dry	Excellent	AlpineBare	WHI20000294_1	1.4
201727	DKraemer	1630	386939	6892345	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	3.5
201728	DKraemer	1606	386949	6892293	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	4.8
201729	DKraemer	1588	386955	6892250	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Good	AlpineBare	WHI20000294_1	7.0
201730	DKraemer	1562	386968	6892203	8N_WGS84	Soil	Brown	Gravel		C	20	Dry	Good	AlpineBare	WHI20000294_1	1.3
201731	DKraemer	1543	386976	6892163	8N_WGS84	Soil	Brown	Silt		B	20	Dry	Poor	AlpineBare	WHI20000294_1	1.4
201732	DKraemer	1519	386981	6892106	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	AlpineBare	WHI20000294_1	0.1
201766	DKraemer	1591	386912	6893156	8N_WGS84	Soil	BrownLight	Gravel		C	30	Wet	Good	AlpineBare	WHI20000294_1	2.8
201767	DKraemer	1606	386918	6893106	8N_WGS84	Soil	BrownLight	Gravel		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	2.8
201768	DKraemer	1618	386914	6893056	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	2.6
201769	DKraemer	1628	386935	6893019	8N_WGS84	Soil	BrownLight	Gravel		C	30	Moist	Excellent	AlpineBare	WHI20000294_1	1.7
201770	DKraemer	1636	386951	6892953	8N_WGS84	Soil	Brown	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	0.9
201771	DKraemer	1620	386835	6892943	8N_WGS84	Soil	BrownLight	Silt		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	0.9
201772	DKraemer	1614	386839	6892990	8N_WGS84	Soil	BrownLight	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	6.1
201773	DKraemer	1605	386838	6893050	8N_WGS84	Soil	Brown	Gravel		B	30	Dry	Good	AlpineBare	WHI20000294_1	1.7
201774	DKraemer	1594	386820	6893087	8N_WGS84	Soil	BrownLight	Gravel		C	50	Dry	Excellent	AlpineBare	WHI20000294_1	2.3
201775	DKraemer	1584	386802	6893135	8N_WGS84	Soil	Brown	Clay		C	30	Dry	Good	AlpineBare	WHI20000294_1	1.3
201776	DKraemer	1562	386800	6893182	8N_WGS84	Soil	Brown	Gravel		C	30	Frozen	Good	AlpineBare	WHI20000294_1	1.5
201778	DKraemer	1568	386977	6893317	8N_WGS84	Soil	BrownLight	Gravel		C	40	Wet	Good	AlpineBare	WHI20000294_1	2.6
201779	DKraemer	1577	386990	6893264	8N_WGS84	Soil	Brown	Gravel		B	30	Wet	Good	AlpineBare	WHI20000294_1	0.9
201780	DKraemer	1581	386997	6893216	8N_WGS84	Soil	BrownLight	Silt		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	11.5
201781	DKraemer	1594	387007	6893173	8N_WGS84	Soil	BrownLight	Silt		C	50	Moist	Excellent	AlpineBare	WHI20000294_1	2.1
201782	DKraemer	1615	387016	6893118	8N_WGS84	Soil	BrownLight	Gravel		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	7.3
201783	DKraemer	1629	387020	6893072	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	2.6
201784	DKraemer	1645	387033	6893024	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.8
201785	DKraemer	1653	387041	6892970	8N_WGS84	Soil	Brown	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	5.5
201786	DKraemer	1663	387130	6892985	8N_WGS84	Soil	Brown	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	8.3
201787	DKraemer	1658	387132	6893040	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	4.8
201788	DKraemer	1644	387127	6893092	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	5.6
201789	DKraemer	1628	387103	6893135	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	3.7
201790	DKraemer	1605	387112	6893186	8N_WGS84	Soil	Brown	Sand		C	30	Dry	Good	AlpineBare	WHI20000294_1	2.2
201791	DKraemer	1599	387096	6893237	8N_WGS84	Soil	BrownLight	Sand		C	60	Dry	Excellent	AlpineBare	WHI20000294_1	3.7
201792	DKraemer	1594	387092	6893282	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Good	AlpineBare	WHI20000294_1	2.1
201793	DKraemer	1575	387081	6893335	8N_WGS84	Soil	Brown	Gravel		B	20	Wet	Poor	AlpineBare	WHI20000294_1	2.5
201794	DKraemer	1566	387068	6893383	8N_WGS84	Soil	Brown	Sand		C	40	Moist	Good	AlpineBare	WHI20000294_1	1.9
201795	DKraemer	1565	386974	6893363	8N_WGS84	Soil	Brown	Gravel		C	30	Moist	Good	AlpineBare	WHI20000294_1	2.9
201796	DKraemer	1546	386966	6893416	8N_WGS84	Soil	Brown	Clay		B	30	Moist	Good	AlpineBare	WHI20000294_1	12.6
201797	DKraemer	1531	386958	6893464	8N_WGS84	Soil	Brown	Sand		B	30	Moist	Good	AlpineBare	WHI20000294_1	0.1
201798	DKraemer	1522	386946	6893512	8N_WGS84	Soil	Brown	Sand		B	40	Dry	Good	DrainageBrush	WHI20000294_1	1.7
201733	DKraemer	1496	386994	6892062	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	AlpineBare	WHI20000294_1	2.1
201734	DKraemer	1467	387093	6892079	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	AlpineBare	WHI20000294_1	2.8
201736	DKraemer	1511	387074	6892160	8N_WGS84	Soil	BrownLight	Sand		C	30	Dry	Good	AlpineBare	WHI20000294_1	5.8
201737	DKraemer	1534	387059	6892216	8N_WGS84	Soil	Brown	Gravel		B	30	Dry	Good	AlpineBare	WHI20000294_1	3.7
201738	DKraemer	1551	387067	6892264	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Good	AlpineBare	WHI20000294_1	1.0
201739	DKraemer	1580	387052	6892315	8N_WGS84	Soil	Brown	Silt		B	30	Dry	Good	AlpineBare	WHI20000294_1	1.7
201740	DKraemer	1590	387041	6892364	8N_WGS84	Soil	BrownLight	Clay		C	30	Wet	Good	AlpineBare	WHI20000294_1	2.4
201741	DKraemer	1608	387025	6892417	8N_WGS84	Soil	BrownLight	Clay		C	30	Dry	Good	AlpineBare	WHI20000294_1	3.1
201742	DKraemer	1623	387015	6892465	8N_WGS84	Soil	Brown	Gravel		C	30	Dry	Good	AlpineBare	WHI20000294_1	3.1
201743	DKraemer	1636	387022	6892511	8N_WGS84	Soil	Brown	Silt		C	30	Dry	Good	AlpineBare	WHI20000294_1	2.7
201744	DKraemer	1656	387005	6892572	8N_WGS84	Soil	BrownLight	Clay		C	30	Dry	Good	AlpineBare	WHI20000294_1	1.2
201745	DKraemer	1651	386999	6892612	8N_WGS84	Soil	BrownLight	Silt		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	30.9
201747	DKraemer	1557	386804	6893236	8N_WGS84	Soil	Brown	Silt		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	2.4

## Soil 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
201748	DKraemer	1542	386786	6893287	8N_WGS84	Soil	Brown	Silt		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	1.6
201749	DKraemer	1531	386776	6893336	8N_WGS84	Soil	BrownLight	Silt		C	50	Dry	Excellent	AlpineBare	WHI20000294_1	3.3
201750	DKraemer	1519	386769	6893388	8N_WGS84	Soil	BrownLight	Silt		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	12.2
201751	DKraemer	1507	386755	6893435	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	AlpineBare	WHI20000294_1	0.7
201752	DKraemer	1504	386750	6893485	8N_WGS84	Soil	Brown	Gravel		B	30	Wet	Good	AlpineBare	WHI20000294_1	2.6
201753	DKraemer	1500	386746	6893533	8N_WGS84	Soil	Brown	Silt		C	30	Frozen	Excellent	AlpineBare	WHI20000294_1	0.1
201754	DKraemer	1501	386731	6893583	8N_WGS84	Soil	BrownDark	Silt		B	20	Frozen	Poor	AlpineBare	WHI20000294_1	0.1
201799	DKraemer	1518	386941	6893562	8N_WGS84	Soil	Brown	Sand		B	30	Frozen	Good	DrainageBrush	WHI20000294_1	0.7
201800	DKraemer	1514	386937	6893621	8N_WGS84	Soil	BrownLight	Sand		B	30	Frozen	Poor	DrainageBrush	WHI20000294_1	0.9
201801	DKraemer	1508	386928	6893665	8N_WGS84	Soil	BrownLight	Silt		C	50	Moist	Good	DrainageAlder	WHI20000294_1	29.6
201802	DKraemer	1505	386911	6893703	8N_WGS84	Soil	Brown	Sand		B	30	Frozen	Good	DrainageAlder	WHI20000294_1	3.2
201803	DKraemer	1502	386902	6893766	8N_WGS84	Soil	Brown	Silt		B	20	Wet	Poor	AlpineBare	WHI20000294_1	0.1
201804	DKraemer	1501	386900	6893806	8N_WGS84	Soil	Brown	Silt		C	30	Wet	Good	AlpineBare	WHI20000294_1	5.0
201805	DKraemer	1514	387015	6893733	8N_WGS84	Soil	Brown	Sand		B	20	Frozen	Poor	AlpineBare	WHI20000294_1	1.9
201806	DKraemer	1517	387016	6893681	8N_WGS84	Soil	Brown	Silt		C	30	Moist	Good	DrainageAlder	WHI20000294_1	5.8
201807	DKraemer	1523	387032	6893630	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	DrainageAlder	WHI20000294_1	1.9
201808	DKraemer	1529	387046	6893592	8N_WGS84	Soil	BrownDark	Sand		B	20	Frozen	Poor	DrainageAlder	WHI20000294_1	0.8
201809	DKraemer	1533	387050	6893541	8N_WGS84	Soil	Orange	Gravel	Drainage	B	40	Wet	Good	DrainageAlder	WHI20000294_1	12.7
201810	DKraemer	1654	387357	6892968	8N_WGS84	Soil	Orange	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	7.1
201811	DKraemer	1653	387360	6892929	8N_WGS84	Soil	Orange	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	6.0
201812	DKraemer	1660	387370	6892862	8N_WGS84	Soil	Brown	Gravel		C	40	Moist	Good	AlpineBare	WHI20000294_1	7.2
201813	DKraemer	1662	387369	6892813	8N_WGS84	Soil	BrownLight	Gravel		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	6.4
201814	DKraemer	1669	387375	6892778	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	5.1
201815	DKraemer	1669	387387	6892726	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.9
201816	DKraemer	1662	387390	6892678	8N_WGS84	Soil	BrownDark	Gravel		B	20	Dry	Good	AlpineBare	WHI20000294_1	2.6
201817	DKraemer	1653	387406	6892632	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	1.8
201818	DKraemer	1635	387407	6892581	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.1
201819	DKraemer	1614	387423	6892539	8N_WGS84	Soil	Brown	Gravel		B	30	Dry	Good	AlpineBare	WHI20000294_1	1.3
201820	DKraemer	1588	387428	6892488	8N_WGS84	Soil	BrownLight	Sand		B	20	Moist	Good	AlpineBare	WHI20000294_1	0.6
201821	DKraemer	1561	387438	6892431	8N_WGS84	Soil	BrownLight	Gravel		C	50	Dry	Excellent	AlpineBare	WHI20000294_1	3.1
201822	DKraemer	1539	387445	6892388	8N_WGS84	Soil	BrownDark	Silt		B	20	Moist	Poor	DrainageAlder	WHI20000294_1	1.6
201823	DKraemer	1511	387455	6892339	8N_WGS84	Soil	Brown	Sand		B	30	Dry	Poor	DrainageAlder	WHI20000294_1	1.0
201824	DKraemer	1485	387463	6892286	8N_WGS84	Soil	Brown	Gravel		B	20	Moist	Poor	DrainageAlder	WHI20000294_1	3.9
201825	DKraemer	1493	387365	6892270	8N_WGS84	Soil	Brown	Gravel		C	30	Moist	Good	AlpineBare	WHI20000294_1	2.9
201826	DKraemer	1515	387347	6892308	8N_WGS84	Soil	BrownLight	Clay		B	30	Moist	Excellent	AlpineBare	WHI20000294_1	2.8
201827	DKraemer	1545	387344	6892366	8N_WGS84	Soil	Brown	Gravel		C	30	Moist	Good	AlpineBare	WHI20000294_1	2.6
201828	DKraemer	1564	387344	6892412	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.3
201829	DKraemer	1587	387328	6892466	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.2
201830	DKraemer	1614	387319	6892511	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	1.3
201831	DKraemer	1642	387312	6892564	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	18.1
201832	DKraemer	1655	387304	6892608	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Good	AlpineBare	WHI20000294_1	3.4
201833	DKraemer	1662	387295	6892660	8N_WGS84	Soil	Brown	Gravel		B	20	Dry	Poor	AlpineBare	WHI20000294_1	3.0
201834	DKraemer	1664	387269	6892693	8N_WGS84	Soil	Brown	Gravel	Flat	B	10	Dry		AlpineBare	WHI20000294_1	14.4
201835	DKraemer	1670	387280	6892766	8N_WGS84	Soil	Brown	Clay		B	30	Moist	Good	AlpineBare	WHI20000294_1	7.2
201836	DKraemer	1668	387266	6892799	8N_WGS84	Soil	Orange	Gravel		C	20	Dry	Good	AlpineBare	WHI20000294_1	7.8
201837	DKraemer	1666	387263	6892868	8N_WGS84	Soil	BrownLight	Gravel		B	20	Dry	Good	AlpineBare	WHI20000294_1	8.5
201838	DKraemer	1669	387437	6892969	8N_WGS84	Soil	Brown	Gravel		B	20	Moist	Good	AlpineBare	WHI20000294_1	5.4
201839	DKraemer	1670	387452	6892939	8N_WGS84	Soil	Brown	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	4.0
201840	DKraemer	1673	387460	6892890	8N_WGS84	Soil	Brown	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	10.2
201841	DKraemer	1678	387464	6892840	8N_WGS84	Soil	BrownLight	Gravel		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	11.6
201842	DKraemer	1681	387470	6892794	8N_WGS84	Soil	Brown	Gravel		C	30	Moist	Excellent	AlpineBare	WHI20000294_1	12.3
201854	DKraemer	1694	387554	6892909	8N_WGS84	Soil	Orange	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	5.0

## Soil 2020 Appendix B MVic

No.	Sampler	Elev_m	UTM_mE	UTM_mN	Zone_Datum	Type	Colour	Texture	Terrain	Horz.	Depth_cm	Moisture	Quality	Vegetation	BV Cert.	Au_ppb
201855	DKraemer	1690	387551	6892963	8N_WGS84	Soil	Brown	Gravel		C	40	Moist	Excellent	AlpineBare	WHI20000294_1	13.2
201856	DKraemer	1675	387539	6893005	8N_WGS84	Soil	Brown	Gravel		C	40	Wet	Excellent	AlpineBare	WHI20000294_1	8.8
201857	DKraemer	1657	387537	6893060	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Excellent	AlpineBare	WHI20000294_1	4.3
201858	DKraemer	1646	387440	6893033	8N_WGS84	Soil	BrownLight	Gravel		C	30	Dry	Good	AlpineBare	WHI20000294_1	15.5
201859	DKraemer	1621	387431	6893110	8N_WGS84	Soil	Brown	Sand		B	30	Wet	Good	AlpineBare	WHI20000294_1	0.8
201860	DKraemer	1621	387417	6893138	8N_WGS84	Soil	BrownDark	Silt		B	20	Frozen	Poor	DrainageBrush	WHI20000294_1	2.1
201861	DKraemer	1620	387413	6893188	8N_WGS84	Soil	Brown	Silt		B	20	Frozen	Poor	AlpineBare	WHI20000294_1	8.4
201862	DKraemer	1613	387400	6893252	8N_WGS84	Soil	BrownDark	Silt		B	20	Frozen	Poor	AlpineBare	WHI20000294_1	1.9
201863	DKraemer	1605	387389	6893285	8N_WGS84	Soil	Brown	Sand		C	30	Dry	Good	AlpineBare	WHI20000294_1	6.0
201864	DKraemer	1600	387384	6893333	8N_WGS84	Soil	Orange	Sand		B	20	Frozen	Poor	DrainageBrush	WHI20000294_1	3.3
201865	DKraemer	1611	387484	6893351	8N_WGS84	Soil	Brown	Silt		B	30	Wet	Good	AlpineBare	WHI20000294_1	7.7
201866	DKraemer	1619	387490	6893304	8N_WGS84	Soil	Orange	Sand		C	30	Frozen	Good	AlpineBare	WHI20000294_1	1.7
201867	DKraemer	1624	387502	6893256	8N_WGS84	Soil	Orange	Sand		B	20	Frozen	Poor	DrainageBrush	WHI20000294_1	2.9
201868	DKraemer	1628	387507	6893198	8N_WGS84	Soil	Brown	Sand		B	30	Frozen	Good	DrainageBrush	WHI20000294_1	11.1
201869	DKraemer	1633	387513	6893151	8N_WGS84	Soil	BrownDark	Sand		B	30	Wet	Poor	AlpineBare	WHI20000294_1	9.5
201870	DKraemer	1631	387523	6893105	8N_WGS84	Soil	Brown	Silt		B	30	Frozen	Poor	AlpineBare	WHI20000294_1	15.4
201871	DKraemer	1546	387064	6893485	8N_WGS84	Soil	Brown	Sand		B	20	Wet	Poor	AlpineBare	WHI20000294_1	1.5
201872	DKraemer	1546	387068	6893435	8N_WGS84	Soil	Brown	Silt		B	30	Moist	Good	AlpineBare	WHI20000294_1	4.4
201755	DKraemer	1494	386714	6893686	8N_WGS84	Soil	Brown	Gravel		B	20	Wet	Poor	AlpineBare	WHI20000294_1	1.0
201756	DKraemer	1505	386826	6893650	8N_WGS84	Soil	Brown	Silt		B	20	Moist	Good	AlpineBare	WHI20000294_1	1.0
201757	DKraemer	1511	386837	6893597	8N_WGS84	Soil	Brown	Gravel		B	20	Wet	Good	AlpineBare	WHI20000294_1	2.2
201758	DKraemer	1519	386840	6893544	8N_WGS84	Soil	BrownDark	Sand	Drainage	B	20	Frozen	Poor	AlpineBare	WHI20000294_1	0.7
201759	DKraemer	1518	386850	6893500	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Poor	AlpineBare	WHI20000294_1	0.1
201760	DKraemer	1524	386858	6893449	8N_WGS84	Soil	BrownLight	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	3.7
201761	DKraemer	1530	386869	6893403	8N_WGS84	Soil	Brown	Sand		B	20	Dry	Good	AlpineBare	WHI20000294_1	0.9
201762	DKraemer	1542	386872	6893352	8N_WGS84	Soil	BrownLight	Silt		C	30	Dry	Good	AlpineBare	WHI20000294_1	1.8
201763	DKraemer	1551	386883	6893304	8N_WGS84	Soil	Brown	Silt		C	30	Wet	Good	AlpineBare	WHI20000294_1	2.8
201764	DKraemer	1562	386892	6893253	8N_WGS84	Soil	Grey	Sand		B	20	Wet	Poor	AlpineBare	WHI20000294_1	0.1
201765	DKraemer	1573	386901	6893207	8N_WGS84	Soil	Brown	Gravel		C	40	Wet	Excellent	AlpineBare	WHI20000294_1	3.1
201843	DKraemer	1678	387481	6892750	8N_WGS84	Soil	Brown	Gravel		C	40	Wet	Excellent	AlpineBare	WHI20000294_1	97.5
201844	DKraemer	1671	387493	6892690	8N_WGS84	Soil	Brown	Gravel		C	30	Wet	Excellent	AlpineBare	WHI20000294_1	1.4
201845	DKraemer	1664	387509	6892647	8N_WGS84	Soil	Brown	Gravel		B	20	Moist	Good	BurnNew	WHI20000294_1	5.4
201846	DKraemer	1644	387512	6892598	8N_WGS84	Soil	Brown	Silt		B	20	Dry	Poor	AlpineBare	WHI20000294_1	3.8
201848	DKraemer	1655	387603	6892622	8N_WGS84	Soil	Brown	Silt		B	30	Dry	Good	AlpineBare	WHI20000294_1	5.2
201849	DKraemer	1677	387602	6892661	8N_WGS84	Soil	BrownLight	Silt		B	30	Dry	Good	AlpineBare	WHI20000294_1	5.5
201850	DKraemer	1698	387585	6892703	8N_WGS84	Soil	Brown	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	3.3
201851	DKraemer	1700	387586	6892762	8N_WGS84	Soil	BrownDark	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	12.3
201852	DKraemer	1700	387574	6892810	8N_WGS84	Soil	Brown	Silt		C	50	Moist	Excellent	AlpineBare	WHI20000294_1	11.9
201853	DKraemer	1700	387566	6892858	8N_WGS84	Soil	BrownDark	Silt		C	40	Dry	Excellent	AlpineBare	WHI20000294_1	8.6



**Appendix E: 2020 Analytical Results**



**BUREAU VERITAS** MINERAL LABORATORIES  
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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.**  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

Submitted By: Mark Fekete  
Receiving Lab: Canada-Whitehorse  
Received: August 21, 2020  
Analysis Start: October 27, 2020  
Report Date: November 20, 2020  
Page: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI20000295.1

## CLIENT JOB INFORMATION

Project: Mount Vic  
Shipment ID:  
P.O. Number  
Number of Samples: 20

## SAMPLE DISPOSAL

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

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

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

CC: Marty Huber

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	20	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
GENX10	20	Au by fire assay fusion - AAS finish	30	Completed	VAN
GENX10	20	9 elements by Aqua Regia Digestion ICP-MS finish	0.5	Completed	VAN
SHP01	20	Per sample shipping charges for branch shipments			VAN
FA530	13	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

## ADDITIONAL COMMENTS



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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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client:** Breakaway Expl. Mgmt. Inc.

3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

Project: Mount Vic

Report Date: November 20, 2020

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Part: 1 of 1

# CERTIFICATE OF ANALYSIS

WHI20000295.1

Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA530	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	As	Sb	Bi	Hg	Au	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	1	1	2	2	0.1	5	2	2	0.01	0.9	
140914	Rock	1.36	>10	<1	2	<2	10	1.0	27	<2	204	<0.01	69.8
140915	Rock	1.32	>10	<1	4	99	8	9.3	<5	2	236	0.46	30.5
140916	Rock	1.63	>10	<1	3	3	4	1.1	<5	<2	170	0.12	60.6
140917	Rock	2.24	>10	4	27	142	97	1.3	6	<2	106	0.11	27.1
140918	Rock	1.45	8.908	2	4	30	17	1.3	10	2	77	0.09	
140919	Rock	1.59	>10	<1	4	29	22	1.7	<5	<2	136	0.60	15.8
140920	Rock	1.72	>10	3	5	28	3	7.8	<5	<2	819	1.45	201.3
140921	Rock	1.35	>10	3	7	15	16	1.7	<5	<2	144	0.39	36.1
140922	Rock	1.30	>10	1	3	8	3	4.1	<5	<2	428	0.24	132.7
140923	Rock	1.31	1.964	6	66	24	17	0.8	7	<2	21	0.05	
140924	Rock	0.97	5.101	40	6	45	26	2.8	5	<2	46	0.04	
140925	Rock	1.39	>10	1	26	9	7	2.3	94	<2	26	0.03	32.8
140926	Rock	1.61	0.443	2	24	<2	3	0.1	21	<2	<2	<0.01	
140964	Rock	1.30	0.165	1	8	6	41	1.0	7	<2	5	0.22	
140965	Rock	1.30	>10	2	24	45	12	5.2	<5	<2	328	0.06	56.9
140966	Rock	1.08	>10	2	24	100	33	4.7	11	2	169	2.50	30.5
140967	Rock	1.38	>10	<1	11	27	9	2.1	8	<2	71	0.12	14.6
140968	Rock	1.04	>10	56	70	41	50	2.7	148	3	71	0.88	11.4
140969	Rock	1.71	4.549	1	20	105	42	3.8	31	3	59	0.76	
201735	Rock	0.29	0.010	<1	34	12	93	<0.1	23	35	<2	0.58	



Bureau Veritas Commodities Canada Ltd.  
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PHONE (604) 253-3158

**Client:** Breakaway Expl. Mgmt. Inc.  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

**Project:** Mount Vic  
**Report Date:** November 20, 2020

**Page:** 1 of 2

**Part:** 1 of 1

# QUALITY CONTROL REPORT

WHI20000295.1

Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA530	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	As	Sb	Bi	Hg	Au	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	1	1	2	2	0.1	5	2	2	0.01	0.9	
Pulp Duplicates													
140922	Rock	1.30	>10	1	3	8	3	4.1	<5	<2	428	0.24	132.7
REP 140922	QC		>10										
140925	Rock	1.39	>10	1	26	9	7	2.3	94	<2	26	0.03	32.8
REP 140925	QC												29.0
140964	Rock	1.30	0.165	1	8	6	41	1.0	7	<2	5	0.22	
REP 140964	QC			1	8	6	42	0.9	8	<2	5	0.20	
Reference Materials													
STD AGPROOF	Standard												<0.9
STD AGPROOF	Standard												<0.9
STD DS11	Standard			16	145	131	338	1.8	47	8	12	0.26	
STD OREAS262	Standard			<1	126	61	166	0.5	41	4	<2	0.18	
STD OXB130	Standard		0.122										
STD OXG141	Standard		0.961										
STD OXN155	Standard		7.748										
STD OXQ114	Standard												35.2
STD OXQ114	Standard												35.0
STD OXQ132	Standard												34.9
STD OXQ132	Standard												35.0
STD DS11 Expected				13.9	149	138	345	1.71	42.8	7.2	12.2	0.26	
STD OREAS262 Expected				0.68	118	56	154	0.45	35.8	3.39	1.03	0.17	
STD OXG141 Expected			0.93										
STD OXN155 Expected			7.762										
STD OXB130 Expected			0.125										
STD AGPROOF Expected													0
STD OXQ114 Expected													35.2
STD OXQ132 Expected													34.69
BLK	Blank			<1	<1	<2	<2	<0.1	<5	<2	<2	<0.01	
BLK	Blank		<0.005										



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

**Client:** Breakaway Expl. Mgmt. Inc.  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

Project: Mount Vic  
Report Date: November 20, 2020

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Part: 1 of 1

# QUALITY CONTROL REPORT

WHI20000295.1

		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA530
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	As	Sb	Bi	Hg	Au
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	1	1	2	2	0.1	5	2	2	0.01	0.9
BLK	Blank	<0.005											
BLK	Blank	<0.9											
BLK	Blank	<0.9											
Prep Wash													
ROCK-WHI	Prep Blank	0.009	<1	4	<2	30	<0.1	<5	<2	<2	<0.01		
ROCK-WHI	Prep Blank	0.013	<1	5	<2	30	<0.1	<5	<2	<2	<0.01		



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**Client:** **Breakaway Expl. Mgmt. Inc.**  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

Submitted By: Mark Fekete  
Receiving Lab: Canada-Whitehorse  
Received: August 21, 2020  
Analysis Start: September 17, 2020  
Report Date: November 20, 2020  
Page: 1 of 12

# CERTIFICATE OF ANALYSIS

WHI20000294.1

## CLIENT JOB INFORMATION

Project: Mount Vic  
Shipment ID:  
P.O. Number  
Number of Samples: 307

## SAMPLE DISPOSAL

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

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

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

CC: Marty Huber

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	307	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	306	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISPL	307	Disposal of pulps			VAN
SHP01	307	Per sample shipping charges for branch shipments			VAN

## ADDITIONAL COMMENTS

  
JEFFREY CANNON  
Geochemistry Department Supervisor



Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

**Client:** Breakaway Expl. Mgmt. Inc.  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

**Project:** Mount Vic  
**Report Date:** November 20, 2020

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# CERTIFICATE OF ANALYSIS

# WHI20000294.1

Method Analyte Unit MDL	AQ201																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
201716	Soil	0.7	14.8	8.6	40	<0.1	11.1	5.5	253	1.95	14.9	0.9	7.4	0.8	14	0.1	1.6	0.3	49	0.17	0.047
201717	Soil	0.8	15.6	13.0	65	<0.1	11.6	7.5	473	2.56	12.9	1.0	4.8	2.8	23	0.1	1.8	0.3	59	0.33	0.081
201718	Soil	0.6	25.5	7.4	51	<0.1	12.3	7.8	392	2.42	9.1	0.9	1.8	2.1	27	<0.1	1.8	0.2	67	0.41	0.117
201719	Soil	1.0	22.4	14.3	61	<0.1	14.7	8.0	360	2.77	18.8	1.4	9.1	0.6	21	0.2	4.6	0.3	67	0.26	0.088
201720	Soil	0.7	20.8	10.7	62	<0.1	13.8	9.7	496	2.64	20.6	1.0	2.4	1.8	23	0.2	4.6	0.2	65	0.35	0.099
201721	Soil	1.0	22.7	15.6	67	<0.1	14.8	10.9	557	2.95	13.9	0.8	8.9	3.2	20	0.1	5.1	0.3	66	0.30	0.086
201722	Soil	0.6	24.0	17.0	51	<0.1	16.8	8.9	367	2.20	48.6	1.1	3.3	3.8	22	0.1	1.6	0.3	54	0.36	0.078
201723	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
201724	Soil	0.7	19.4	7.8	54	<0.1	19.2	10.0	334	2.56	41.0	0.7	4.4	2.4	21	<0.1	0.9	0.1	61	0.30	0.082
201725	Soil	0.7	21.2	14.3	68	<0.1	18.7	11.2	554	2.93	104.9	0.9	3.9	2.5	21	0.1	2.3	0.2	67	0.30	0.078
201726	Soil	0.9	19.7	20.4	58	0.2	13.9	8.6	480	2.53	18.1	0.8	1.4	1.2	18	0.2	1.3	0.3	63	0.25	0.071
201727	Soil	0.8	21.4	24.3	71	<0.1	13.3	9.3	487	2.94	37.0	0.9	3.5	0.9	21	0.1	1.7	1.1	71	0.27	0.064
201728	Soil	0.6	18.9	25.9	57	<0.1	14.6	7.6	391	2.38	26.1	0.8	4.8	1.5	17	0.1	1.2	0.3	54	0.23	0.058
201729	Soil	1.0	21.7	40.0	105	0.2	16.7	9.5	652	3.15	19.8	1.0	7.0	1.2	19	0.4	1.3	0.4	67	0.22	0.068
201730	Soil	0.6	21.1	27.2	78	<0.1	12.8	8.8	465	2.93	15.3	0.8	1.3	3.6	32	0.2	1.4	0.4	70	0.39	0.066
201731	Soil	0.5	7.8	5.4	22	0.2	3.2	2.9	67	1.25	2.5	0.2	1.4	0.3	8	0.2	0.3	0.1	42	0.06	0.019
201732	Soil	0.3	8.2	5.7	30	<0.1	4.5	3.7	113	1.29	2.9	0.2	<0.5	0.3	9	0.2	0.3	0.1	40	0.11	0.032
201733	Soil	0.7	10.5	9.7	24	0.1	4.8	3.1	84	1.46	4.3	0.3	2.1	0.6	14	0.2	0.3	0.1	50	0.14	0.019
201734	Soil	0.9	22.6	25.0	50	<0.1	9.3	6.0	215	2.27	7.5	0.7	2.8	1.9	21	0.3	1.0	0.3	65	0.24	0.036
201736	Soil	0.8	13.5	15.1	51	<0.1	10.8	7.3	325	2.40	9.4	0.5	5.8	1.8	18	0.2	0.5	0.2	68	0.23	0.037
201737	Soil	0.6	42.6	30.8	98	0.3	13.6	10.4	697	3.15	18.6	1.0	3.7	3.3	36	0.3	2.5	1.2	76	0.55	0.103
201738	Soil	0.6	10.5	6.7	29	<0.1	5.7	3.6	127	1.38	5.0	0.5	1.0	0.3	14	<0.1	1.0	0.2	40	0.17	0.036
201739	Soil	1.0	14.4	16.5	51	0.1	11.9	6.2	244	2.30	10.7	0.5	1.7	0.8	19	0.2	1.2	0.3	56	0.19	0.051
201740	Soil	1.5	18.5	13.1	49	<0.1	10.6	8.7	504	2.98	54.0	0.6	2.4	0.3	21	<0.1	4.4	0.2	88	0.33	0.077
201741	Soil	0.9	28.1	25.5	77	0.1	15.2	9.5	477	2.76	21.4	0.8	3.1	1.5	36	0.2	1.9	0.4	65	0.59	0.061
201742	Soil	0.6	14.9	8.9	49	<0.1	16.4	9.2	401	2.42	36.3	0.7	3.1	2.4	13	<0.1	1.1	0.1	55	0.18	0.044
201743	Soil	0.9	22.1	22.4	60	<0.1	19.9	9.3	348	2.87	20.2	0.7	2.7	1.4	17	0.1	1.0	0.2	65	0.19	0.039
201744	Soil	0.5	15.9	6.4	45	<0.1	17.0	7.9	304	2.21	8.3	0.5	1.2	2.4	16	<0.1	0.5	0.1	51	0.22	0.045
201745	Soil	0.5	36.0	17.8	71	0.1	12.9	8.9	244	3.09	18.9	1.2	30.9	4.7	25	0.1	3.6	0.7	80	0.39	0.096
201746	Soil	0.5	38.7	18.3	75	0.1	13.4	9.5	268	3.36	21.2	1.2	26.6	4.6	28	0.1	3.7	0.8	84	0.43	0.104



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PHONE (604) 253-3158

**Client:** Breakaway Expl. Mgmt. Inc.  
3081 Third Ave.  
Whitehorse Yukon Y1A 4Z7 Canada

**Project:** Mount Vic  
**Report Date:** November 20, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000294.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
201716	Soil	10	19	0.30	74	0.036	2	0.94	0.010	0.05	0.2	0.12	2.2	<0.1	<0.05	4	<0.5	<0.2
201717	Soil	20	20	0.48	105	0.036	2	1.27	0.010	0.07	0.2	0.15	4.7	0.1	<0.05	5	<0.5	<0.2
201718	Soil	18	27	0.53	94	0.040	2	1.43	0.013	0.06	0.3	0.20	6.6	<0.1	<0.05	6	<0.5	<0.2
201719	Soil	17	24	0.41	108	0.026	2	1.50	0.009	0.06	0.3	0.13	3.6	0.1	<0.05	6	<0.5	<0.2
201720	Soil	16	25	0.46	99	0.035	2	1.20	0.011	0.06	0.4	0.51	5.3	<0.1	<0.05	5	<0.5	<0.2
201721	Soil	18	27	0.57	86	0.032	1	1.37	0.009	0.06	0.4	0.13	6.5	<0.1	<0.05	5	<0.5	<0.2
201722	Soil	19	26	0.51	104	0.058	2	1.56	0.012	0.08	0.3	0.37	5.5	0.2	<0.05	5	<0.5	<0.2
201723	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
201724	Soil	12	28	0.58	98	0.051	1	1.95	0.011	0.07	0.2	0.11	4.4	0.1	<0.05	6	<0.5	<0.2
201725	Soil	17	25	0.54	92	0.045	2	1.87	0.012	0.06	0.2	0.12	5.1	<0.1	<0.05	6	<0.5	<0.2
201726	Soil	12	21	0.39	96	0.042	2	1.22	0.011	0.05	0.2	0.10	3.3	<0.1	<0.05	5	<0.5	<0.2
201727	Soil	14	23	0.44	114	0.030	2	1.35	0.010	0.06	0.2	0.25	3.5	0.1	<0.05	6	<0.5	<0.2
201728	Soil	14	22	0.48	89	0.036	2	1.42	0.011	0.06	0.2	0.06	3.5	<0.1	<0.05	5	<0.5	<0.2
201729	Soil	17	28	0.48	125	0.034	2	1.64	0.010	0.08	0.2	0.07	3.4	0.1	0.05	7	<0.5	<0.2
201730	Soil	20	21	0.53	121	0.040	2	1.48	0.010	0.08	0.3	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
201731	Soil	3	6	0.07	17	0.048	<1	0.34	0.016	0.02	<0.1	0.05	0.9	<0.1	<0.05	3	<0.5	<0.2
201732	Soil	3	7	0.12	31	0.046	<1	0.40	0.017	0.03	<0.1	0.04	0.9	<0.1	<0.05	3	<0.5	<0.2
201733	Soil	6	9	0.10	39	0.054	<1	0.54	0.014	0.03	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
201734	Soil	17	17	0.27	85	0.054	1	1.14	0.013	0.05	0.3	0.05	3.7	<0.1	<0.05	6	<0.5	<0.2
201736	Soil	9	18	0.31	74	0.072	2	1.13	0.015	0.06	0.2	0.04	2.7	<0.1	<0.05	6	<0.5	<0.2
201737	Soil	27	21	0.62	152	0.034	2	1.61	0.015	0.08	0.3	0.08	8.0	<0.1	<0.05	6	<0.5	<0.2
201738	Soil	8	11	0.16	47	0.030	1	0.60	0.016	0.04	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
201739	Soil	8	20	0.31	83	0.043	1	1.13	0.009	0.05	0.2	0.05	2.2	<0.1	<0.05	6	<0.5	<0.2
201740	Soil	20	20	0.25	92	0.030	1	0.94	0.011	0.05	0.3	0.28	3.5	<0.1	0.05	6	<0.5	<0.2
201741	Soil	20	25	0.50	151	0.042	2	1.41	0.013	0.07	0.2	0.10	4.7	<0.1	<0.05	6	<0.5	<0.2
201742	Soil	15	25	0.48	57	0.053	1	1.46	0.010	0.06	0.2	0.07	4.1	<0.1	<0.05	5	<0.5	<0.2
201743	Soil	11	31	0.56	88	0.051	2	2.00	0.010	0.06	0.2	0.07	3.6	0.1	<0.05	7	<0.5	<0.2
201744	Soil	11	24	0.56	63	0.062	1	1.65	0.011	0.08	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
201745	Soil	24	28	0.57	108	0.039	1	1.89	0.013	0.08	0.3	0.52	10.2	0.1	<0.05	7	<0.5	<0.2
201746	Soil	26	28	0.58	108	0.037	1	1.95	0.014	0.08	0.3	0.51	10.8	0.1	<0.05	8	<0.5	<0.2

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.



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Client: **Breakaway Expl. Mgmt. Inc.**

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Project: Mount Vic

Report Date: November 20, 2020

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# CERTIFICATE OF ANALYSIS

WHI20000294.1

Method Analyte Unit MDL	AQ201																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	1	0.1	0.1	2	0.01	0.001
201747	Soil	0.9	29.9	11.0	83	<0.1	19.4	13.1	790	3.66	18.1	1.4	2.4	2.6	37	0.2	2.6	0.2	87	0.54	0.134
201748	Soil	0.9	26.3	11.6	75	<0.1	12.8	9.3	668	2.96	20.1	1.2	1.6	1.1	42	0.2	2.6	0.2	75	0.53	0.105
201749	Soil	0.6	21.4	7.1	59	<0.1	12.3	7.8	464	2.54	18.9	0.8	3.3	1.5	26	<0.1	2.2	0.2	65	0.36	0.074
201750	Soil	0.8	35.5	10.6	80	0.2	14.4	16.0	1886	4.24	38.2	1.5	12.2	3.3	39	0.2	4.3	0.2	113	0.70	0.172
201751	Soil	0.9	18.9	7.6	31	0.1	7.0	5.7	610	1.90	5.3	0.7	0.7	<0.1	22	0.2	0.9	0.1	53	0.26	0.133
201752	Soil	0.3	17.2	3.6	34	<0.1	7.6	6.9	281	2.39	6.9	0.5	2.6	1.3	15	<0.1	0.8	<0.1	68	0.27	0.094
201753	Soil	0.6	16.9	1.0	13	<0.1	2.8	7.6	1043	1.76	8.7	0.4	<0.5	0.2	17	0.1	0.3	<0.1	39	0.23	0.088
201754	Soil	0.9	12.1	3.0	23	<0.1	4.8	18.8	2501	2.39	2.8	0.4	<0.5	0.4	17	<0.1	0.4	<0.1	38	0.21	0.077
201755	Soil	0.3	13.4	4.5	26	<0.1	4.6	6.0	301	1.66	5.7	0.5	1.0	0.7	15	0.1	0.6	<0.1	56	0.22	0.082
201756	Soil	5.3	27.3	3.5	15	<0.1	4.9	22.9	2090	23.49	116.0	1.1	1.0	2.3	43	0.2	1.8	0.1	230	0.52	0.125
201757	Soil	0.3	16.2	6.4	40	<0.1	10.6	6.0	286	1.54	3.1	0.6	2.2	2.4	18	0.1	0.9	0.1	39	0.31	0.081
201758	Soil	0.6	51.0	1.4	14	0.1	3.2	8.4	383	1.76	1.7	0.5	0.7	0.2	22	0.2	0.4	<0.1	26	0.29	0.132
201759	Soil	0.4	14.2	2.2	15	<0.1	3.8	8.4	2584	1.14	2.7	0.5	<0.5	0.4	14	<0.1	0.3	<0.1	30	0.18	0.065
201760	Soil	0.6	23.6	6.9	59	<0.1	16.3	9.5	497	2.75	11.9	0.7	3.7	2.4	26	0.1	1.8	0.1	69	0.44	0.119
201761	Soil	0.5	20.0	4.0	30	<0.1	7.5	4.7	210	1.64	4.5	0.6	0.9	0.2	19	<0.1	0.5	<0.1	48	0.23	0.072
201762	Soil	0.8	40.3	6.0	45	<0.1	9.1	5.5	290	2.36	10.3	0.7	1.8	0.3	25	<0.1	0.9	0.2	62	0.28	0.072
201763	Soil	0.5	13.5	12.5	62	<0.1	10.2	12.8	490	3.07	74.9	0.9	2.8	3.8	30	<0.1	3.7	0.2	90	0.53	0.130
201764	Soil	0.2	15.3	1.9	46	<0.1	5.2	7.9	274	2.88	2.8	0.4	<0.5	0.9	13	<0.1	1.1	<0.1	106	0.21	0.068
201765	Soil	0.7	25.4	8.9	73	<0.1	9.9	9.8	626	3.14	24.6	1.2	3.1	2.8	30	0.1	13.8	0.3	81	0.53	0.142
201766	Soil	0.6	26.1	8.8	85	<0.1	11.4	11.3	699	3.81	26.9	1.6	2.8	3.2	34	0.1	16.1	0.3	100	0.58	0.132
201767	Soil	1.0	24.9	12.7	85	<0.1	14.0	11.4	702	3.34	33.3	1.5	2.8	1.8	24	0.2	6.0	0.3	83	0.33	0.110
201768	Soil	1.1	21.4	10.6	62	<0.1	15.1	8.4	463	2.75	14.0	1.0	2.6	1.5	25	0.1	1.8	0.2	67	0.34	0.077
201769	Soil	2.2	27.5	15.5	83	0.1	17.2	12.2	782	3.97	21.4	1.1	1.7	3.4	27	0.1	2.7	0.4	89	0.34	0.098
201770	Soil	1.4	18.8	9.9	65	0.1	9.5	11.1	1153	2.61	60.6	2.5	0.9	0.4	29	0.2	3.5	0.1	71	0.39	0.134
201771	Soil	0.8	16.3	4.9	29	0.2	6.9	4.6	199	1.55	14.9	1.5	0.9	0.2	17	0.1	1.1	<0.1	43	0.18	0.083
201772	Soil	1.6	24.0	11.5	86	0.2	15.6	8.5	320	3.53	31.7	2.2	6.1	7.7	26	0.1	3.3	0.3	92	0.40	0.099
201773	Soil	1.0	21.7	10.9	58	0.1	13.4	9.8	588	2.58	32.3	1.7	1.7	0.9	38	0.2	3.5	0.2	65	0.50	0.092
201774	Soil	0.8	17.6	7.4	46	<0.1	12.3	6.5	284	2.36	15.6	0.9	2.3	0.3	16	0.2	1.5	0.2	59	0.16	0.062
201775	Soil	0.7	24.4	8.3	60	<0.1	13.0	8.7	523	2.75	13.7	0.8	1.3	1.4	35	0.1	21.0	0.2	68	0.42	0.099
201776	Soil	1.4	27.7	14.0	51	0.1	16.9	6.7	358	2.35	17.7	1.4	1.5	1.0	42	0.1	2.5	0.2	58	0.54	0.121



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
201747	Soil	26	32	0.72	183	0.037	2	2.12	0.016	0.08	0.3	0.12	7.5	0.1	<0.05	8	<0.5	<0.2
201748	Soil	17	23	0.47	202	0.020	2	1.60	0.015	0.06	0.4	0.19	4.9	0.1	0.06	7	<0.5	<0.2
201749	Soil	18	22	0.51	149	0.032	1	1.36	0.012	0.06	0.4	0.16	5.4	<0.1	<0.05	6	<0.5	<0.2
201750	Soil	30	33	0.62	183	0.030	2	1.68	0.020	0.08	0.4	0.31	13.8	0.2	<0.05	7	0.5	<0.2
201751	Soil	13	15	0.16	95	0.014	2	0.89	0.015	0.03	<0.1	0.05	0.8	<0.1	0.11	5	<0.5	<0.2
201752	Soil	12	15	0.26	49	0.071	<1	0.80	0.017	0.03	0.2	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
201753	Soil	8	6	0.06	55	0.034	1	0.39	0.022	0.01	<0.1	0.04	1.1	<0.1	0.07	2	<0.5	<0.2
201754	Soil	9	9	0.14	98	0.033	1	0.67	0.020	0.02	0.1	0.04	1.5	<0.1	0.07	3	<0.5	<0.2
201755	Soil	8	14	0.18	71	0.063	1	0.67	0.013	0.03	0.2	0.04	2.0	<0.1	0.06	4	<0.5	<0.2
201756	Soil	36	22	0.11	149	0.031	1	1.34	0.011	0.01	0.2	0.08	3.7	<0.1	0.11	2	0.6	<0.2
201757	Soil	12	20	0.39	92	0.053	1	1.22	0.013	0.05	0.2	0.06	3.2	0.1	<0.05	5	<0.5	<0.2
201758	Soil	8	7	0.08	98	0.019	2	0.83	0.018	0.02	<0.1	0.10	0.9	<0.1	0.15	2	<0.5	<0.2
201759	Soil	10	6	0.08	85	0.032	<1	0.56	0.029	0.02	<0.1	0.05	1.6	<0.1	<0.05	2	<0.5	<0.2
201760	Soil	15	25	0.55	111	0.051	1	1.47	0.015	0.06	0.3	0.10	4.8	<0.1	<0.05	5	<0.5	<0.2
201761	Soil	12	13	0.19	88	0.030	1	0.84	0.019	0.03	0.1	0.05	1.6	<0.1	0.08	4	<0.5	<0.2
201762	Soil	13	17	0.35	97	0.021	2	1.27	0.013	0.04	0.2	0.08	2.5	<0.1	0.06	6	<0.5	<0.2
201763	Soil	22	23	0.56	103	0.021	2	1.66	0.013	0.06	1.0	0.65	6.5	0.1	<0.05	7	<0.5	<0.2
201764	Soil	8	10	0.12	35	0.121	<1	0.34	0.016	0.02	0.2	0.11	1.9	<0.1	<0.05	4	<0.5	<0.2
201765	Soil	22	19	0.42	155	0.023	2	1.12	0.012	0.05	2.1	1.72	6.3	<0.1	<0.05	5	<0.5	<0.2
201766	Soil	29	20	0.47	154	0.025	1	1.44	0.011	0.07	1.4	0.92	8.2	<0.1	<0.05	6	<0.5	<0.2
201767	Soil	18	25	0.49	121	0.024	2	1.53	0.011	0.07	1.6	0.68	6.1	0.1	<0.05	7	<0.5	<0.2
201768	Soil	21	25	0.45	125	0.035	2	1.40	0.012	0.07	0.3	0.12	4.5	<0.1	0.06	6	<0.5	<0.2
201769	Soil	23	30	0.64	123	0.020	2	1.94	0.009	0.08	0.3	0.17	7.6	<0.1	<0.05	7	<0.5	<0.2
201770	Soil	26	16	0.20	278	0.015	2	0.84	0.011	0.04	0.6	0.42	3.7	0.1	0.13	3	<0.5	<0.2
201771	Soil	13	13	0.12	106	0.026	2	0.66	0.015	0.03	0.2	0.19	1.4	<0.1	0.10	3	<0.5	<0.2
201772	Soil	47	27	0.62	120	0.035	2	1.89	0.011	0.10	0.6	0.35	11.7	0.1	<0.05	7	<0.5	<0.2
201773	Soil	31	22	0.30	201	0.018	2	1.17	0.012	0.07	0.6	0.56	4.8	0.1	0.08	4	<0.5	<0.2
201774	Soil	13	21	0.31	89	0.027	1	1.15	0.010	0.06	0.3	0.09	1.9	<0.1	0.06	5	<0.5	<0.2
201775	Soil	19	22	0.51	145	0.035	2	1.41	0.012	0.06	0.3	0.09	4.4	<0.1	<0.05	5	<0.5	<0.2
201776	Soil	35	27	0.35	209	0.023	2	1.27	0.015	0.06	0.4	0.19	4.1	0.1	0.12	4	<0.5	<0.2





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	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	1	0.1	2	0.01	0.001	
201777	Soil	1.2	29.1	8.2	52	0.1	15.7	6.4	364	2.36	18.2	1.4	1.4	0.9	43	0.1	2.1	0.2	56	0.55	0.125
201778	Soil	0.5	14.4	8.5	68	<0.1	9.2	8.1	294	2.87	12.4	1.5	2.6	2.5	<0.1	5.5	0.2	79	0.43	0.142	
201779	Soil	0.6	17.5	5.6	47	<0.1	7.6	8.1	696	2.29	12.6	0.9	0.9	0.6	30	0.2	1.8	0.1	68	0.49	0.085
201780	Soil	1.2	30.1	12.0	72	<0.1	15.5	12.0	766	3.62	14.2	1.1	11.5	0.9	29	0.1	3.0	0.2	96	0.39	0.111
201781	Soil	0.8	22.5	8.6	63	<0.1	10.7	8.2	439	2.90	20.8	1.1	2.1	1.4	24	<0.1	4.4	0.2	76	0.37	0.097
201782	Soil	1.0	32.3	14.5	72	0.1	12.4	9.4	573	3.24	53.2	1.7	7.3	1.4	29	0.1	6.0	0.2	84	0.43	0.110
201783	Soil	0.8	26.5	10.9	61	<0.1	15.4	9.5	467	2.86	11.6	0.7	2.6	0.8	24	0.1	1.8	0.2	74	0.28	0.066
201784	Soil	0.7	22.8	11.9	55	<0.1	16.2	8.0	369	2.68	10.1	0.7	1.8	1.4	19	<0.1	1.1	0.2	66	0.23	0.059
201785	Soil	0.8	23.5	16.4	57	<0.1	15.4	9.4	456	2.87	13.6	0.7	5.5	2.1	27	<0.1	2.1	0.2	68	0.30	0.082
201786	Soil	0.6	30.0	33.5	60	<0.1	13.7	9.0	617	2.97	10.6	0.7	8.3	3.0	28	0.1	1.6	0.2	77	0.41	0.116
201787	Soil	0.8	24.0	11.0	51	<0.1	16.2	8.9	418	2.64	10.4	0.6	4.8	1.8	22	<0.1	1.1	0.2	67	0.28	0.076
201788	Soil	0.7	23.0	19.0	72	<0.1	16.8	10.3	654	3.08	16.8	1.0	5.6	3.7	34	0.1	3.4	0.2	76	0.46	0.101
201789	Soil	0.7	20.9	10.3	56	<0.1	15.1	8.2	410	2.45	11.9	1.1	3.7	2.9	32	0.1	2.0	0.2	62	0.54	0.095
201790	Soil	0.7	32.2	7.5	62	0.1	10.6	8.0	347	2.92	10.2	1.0	2.2	0.8	27	<0.1	2.1	0.2	82	0.37	0.091
201791	Soil	0.6	18.2	9.7	46	<0.1	10.5	7.5	359	2.30	15.7	0.8	3.7	1.5	20	<0.1	3.0	0.2	63	0.29	0.092
201792	Soil	0.8	14.5	7.1	41	<0.1	11.2	5.8	263	2.09	7.6	0.5	2.1	0.6	15	0.1	0.7	0.1	60	0.18	0.058
201793	Soil	0.6	25.4	8.4	58	<0.1	12.0	9.3	664	2.78	62.1	1.1	2.5	2.5	30	<0.1	8.1	0.2	68	0.53	0.109
201794	Soil	0.4	16.8	4.0	46	<0.1	7.9	9.0	815	2.60	17.0	0.6	1.9	1.7	19	<0.1	1.9	<0.1	85	0.33	0.094
201795	Soil	0.5	19.8	7.6	71	<0.1	13.4	10.2	397	2.75	20.0	0.9	2.9	4.8	31	0.1	2.1	0.2	74	0.52	0.124
201796	Soil	0.5	18.0	7.7	60	<0.1	14.2	8.4	465	2.72	21.7	0.8	12.6	2.9	28	0.1	1.9	0.2	66	0.43	0.109
201797	Soil	0.3	19.8	2.6	45	<0.1	6.6	7.7	434	2.66	5.1	0.6	<0.5	1.0	24	<0.1	0.6	<0.1	86	0.41	0.106
201798	Soil	0.4	18.9	7.4	54	<0.1	10.3	7.4	402	2.10	6.7	1.0	1.7	0.7	26	0.2	1.6	0.1	61	0.42	0.131
201799	Soil	0.2	22.1	4.3	13	<0.1	2.3	3.2	301	1.26	5.6	0.8	0.7	1.0	17	0.2	0.9	<0.1	29	0.25	0.089
201800	Soil	0.3	10.3	3.5	19	<0.1	3.1	4.4	240	1.41	7.3	0.5	0.9	0.9	17	<0.1	0.5	<0.1	38	0.25	0.092
201801	Soil	0.5	15.2	10.8	59	<0.1	9.8	7.1	332	2.23	8.4	1.4	29.6	0.9	26	0.1	1.5	0.2	78	0.38	0.117
201802	Soil	0.5	19.9	6.0	35	<0.1	7.6	3.9	178	1.64	3.6	0.7	3.2	0.1	19	<0.1	0.5	0.1	46	0.21	0.099
201803	Soil	0.2	9.9	2.1	16	<0.1	3.3	4.7	261	0.81	1.6	0.3	<0.5	0.5	12	0.1	0.3	<0.1	26	0.14	0.051
201804	Soil	0.3	11.4	6.9	37	<0.1	9.9	6.4	382	1.76	4.3	0.5	5.0	1.3	17	0.1	0.7	0.2	53	0.27	0.087
201805	Soil	0.4	8.0	4.7	41	<0.1	8.9	9.4	726	2.56	6.0	0.5	1.9	2.9	23	<0.1	0.9	<0.1	54	0.39	0.092
201806	Soil	0.6	10.4	10.7	53	<0.1	13.0	8.9	487	2.38	5.9	0.5	5.8	0.7	23	<0.1	0.7	0.2	69	0.27	0.069



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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
201777	Soil	38	26	0.37	219	0.020	2	1.36	0.015	0.06	0.4	0.19	4.0	0.1	0.14	5	<0.5	<0.2
201778	Soil	27	20	0.52	78	0.020	1	1.62	0.009	0.05	0.7	0.46	8.0	0.1	<0.05	6	<0.5	<0.2
201779	Soil	18	13	0.23	103	0.039	2	0.94	0.017	0.04	0.4	0.18	2.9	<0.1	0.07	4	<0.5	<0.2
201780	Soil	18	27	0.45	121	0.031	1	1.61	0.012	0.05	0.4	0.11	4.2	0.1	0.07	7	<0.5	<0.2
201781	Soil	19	18	0.35	97	0.028	2	1.15	0.014	0.04	0.5	0.25	4.6	<0.1	<0.05	5	<0.5	<0.2
201782	Soil	29	20	0.36	145	0.022	2	1.32	0.013	0.07	0.6	0.85	6.1	0.1	0.06	5	<0.5	<0.2
201783	Soil	16	27	0.52	95	0.033	2	1.52	0.012	0.06	0.3	0.14	4.6	<0.1	<0.05	6	<0.5	<0.2
201784	Soil	12	28	0.56	72	0.055	1	1.47	0.011	0.07	0.2	0.06	3.6	<0.1	<0.05	5	<0.5	<0.2
201785	Soil	18	28	0.60	100	0.045	1	1.57	0.010	0.07	0.4	0.29	5.6	<0.1	<0.05	6	<0.5	<0.2
201786	Soil	21	23	0.61	77	0.035	2	1.78	0.009	0.07	0.3	0.05	5.9	<0.1	<0.05	5	<0.5	<0.2
201787	Soil	17	27	0.54	67	0.055	1	1.49	0.012	0.06	0.2	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
201788	Soil	23	25	0.59	109	0.038	2	1.42	0.013	0.08	0.4	0.27	6.8	<0.1	<0.05	5	<0.5	<0.2
201789	Soil	21	25	0.51	101	0.044	2	1.25	0.018	0.06	0.4	0.15	6.3	<0.1	<0.05	4	<0.5	<0.2
201790	Soil	19	18	0.30	98	0.038	2	1.23	0.017	0.04	0.3	0.29	4.8	<0.1	0.07	5	<0.5	<0.2
201791	Soil	13	19	0.39	63	0.029	1	1.26	0.012	0.04	0.5	0.56	3.6	0.1	<0.05	5	<0.5	<0.2
201792	Soil	9	19	0.28	54	0.048	1	0.92	0.009	0.04	0.2	0.05	1.9	<0.1	<0.05	5	<0.5	<0.2
201793	Soil	26	20	0.41	119	0.029	1	1.26	0.014	0.06	0.6	0.43	5.7	<0.1	<0.05	4	<0.5	<0.2
201794	Soil	16	14	0.26	53	0.074	1	0.83	0.019	0.03	0.2	0.12	3.3	<0.1	<0.05	4	<0.5	<0.2
201795	Soil	21	25	0.66	111	0.054	1	1.46	0.016	0.07	0.3	0.23	7.4	<0.1	<0.05	5	<0.5	<0.2
201796	Soil	15	23	0.51	97	0.043	1	1.41	0.014	0.06	0.3	0.10	4.8	<0.1	<0.05	5	<0.5	<0.2
201797	Soil	13	12	0.17	64	0.085	1	0.67	0.026	0.02	<0.1	0.08	2.8	<0.1	0.06	4	<0.5	<0.2
201798	Soil	20	22	0.41	127	0.027	1	1.44	0.016	0.04	0.2	0.12	3.9	0.1	0.06	5	<0.5	<0.2
201799	Soil	13	7	0.07	49	0.064	<1	0.37	0.022	0.01	<0.1	0.08	2.6	<0.1	0.06	2	<0.5	<0.2
201800	Soil	9	7	0.11	51	0.053	<1	0.56	0.016	0.02	0.1	0.06	1.7	<0.1	<0.05	4	<0.5	<0.2
201801	Soil	18	22	0.43	124	0.024	1	1.75	0.014	0.04	0.2	0.11	4.3	0.1	<0.05	7	<0.5	<0.2
201802	Soil	9	17	0.27	95	0.019	<1	1.33	0.019	0.03	0.1	0.04	1.3	<0.1	0.08	5	<0.5	<0.2
201803	Soil	5	9	0.12	56	0.065	<1	0.40	0.017	0.02	<0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
201804	Soil	10	22	0.38	81	0.049	<1	1.22	0.011	0.04	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
201805	Soil	12	16	0.39	85	0.047	<1	1.01	0.014	0.04	0.2	0.10	3.4	<0.1	<0.05	4	<0.5	<0.2
201806	Soil	8	26	0.51	142	0.036	<1	1.93	0.010	0.05	0.2	0.04	2.8	0.1	<0.05	7	<0.5	<0.2

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Project: Mount Vic

Report Date: November 20, 2020

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Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
201807	Soil	1.5	23.0	6.7	43	0.1	8.6	13.4	1851	3.31	7.3	1.3	1.9	0.2	31	0.1	0.6	0.1	66	0.32	0.159
201808	Soil	0.2	8.8	1.6	27	<0.1	3.2	4.3	99	1.91	1.4	0.5	0.8	0.7	15	<0.1	0.3	<0.1	71	0.26	0.105
201809	Soil	0.7	16.1	12.2	93	<0.1	11.0	8.5	262	3.41	23.8	1.7	12.7	4.4	28	0.1	2.2	0.3	123	0.45	0.182
201810	Soil	0.8	27.3	10.3	63	<0.1	10.9	15.9	1608	3.76	12.1	1.2	7.1	3.4	45	0.3	5.6	0.2	84	0.72	0.185
201812	Soil	1.0	27.3	10.2	58	0.2	11.5	10.8	751	3.14	17.1	1.8	7.2	1.8	38	0.2	5.5	0.3	82	0.71	0.185
201813	Soil	1.7	28.8	15.9	74	0.1	13.1	14.1	892	4.95	20.1	0.7	6.4	3.8	35	0.1	21.0	0.7	156	0.82	0.219
201814	Soil	0.9	30.9	8.7	92	<0.1	12.5	22.2	1478	5.59	56.3	0.9	5.1	4.9	61	<0.1	16.2	0.2	145	0.71	0.160
201815	Soil	0.4	24.9	8.8	80	0.1	9.9	14.5	1409	4.59	17.1	0.7	1.9	4.5	51	<0.1	13.7	0.1	128	0.65	0.163
201816	Soil	1.1	22.5	12.2	62	0.3	7.5	11.5	1655	3.54	9.6	1.2	2.6	0.4	59	0.2	13.7	0.1	85	1.35	0.221
201817	Soil	2.0	24.6	14.3	68	<0.1	12.6	10.5	849	3.36	20.3	0.9	1.8	1.5	36	0.1	5.6	0.3	80	0.48	0.115
201818	Soil	0.9	21.9	14.5	62	<0.1	12.3	9.0	810	3.04	12.0	0.8	1.1	3.5	32	0.2	3.9	0.2	65	0.48	0.080
201819	Soil	2.0	18.1	19.4	53	0.2	13.1	7.7	736	2.46	7.4	0.7	1.3	0.3	20	0.2	1.0	0.2	61	0.18	0.077
201820	Soil	1.2	18.4	13.1	51	0.1	9.9	7.5	781	2.30	7.1	0.6	0.6	0.5	37	0.2	1.8	0.2	63	0.59	0.080
201821	Soil	1.1	33.9	26.7	85	0.1	12.5	12.2	933	3.76	10.9	0.8	3.1	3.2	36	0.2	3.4	0.2	89	0.63	0.117
201822	Soil	1.0	40.2	18.0	45	0.2	8.3	7.4	726	2.43	6.4	1.2	1.6	0.9	41	<0.1	2.4	0.2	60	0.75	0.133
201823	Soil	0.6	15.9	6.7	38	<0.1	6.4	5.4	400	1.73	4.5	0.5	1.0	0.4	22	0.1	1.4	<0.1	46	0.34	0.074
201824	Soil	1.0	20.5	10.8	57	<0.1	10.2	8.2	562	2.61	9.1	0.8	3.9	0.8	35	0.3	2.7	0.2	67	0.72	0.134
201825	Soil	0.8	24.6	16.9	72	0.1	16.9	9.4	553	2.92	10.6	0.9	2.9	2.6	34	0.2	1.7	0.3	68	0.58	0.078
201826	Soil	0.7	21.3	14.9	60	<0.1	14.9	9.4	552	2.89	9.6	0.9	2.8	3.4	30	0.1	2.0	0.2	69	0.48	0.096
201827	Soil	0.8	26.5	11.4	65	<0.1	12.0	10.4	543	4.05	12.9	0.8	2.6	2.3	36	0.2	8.2	0.2	98	0.64	0.102
201828	Soil	0.4	32.5	9.7	80	<0.1	12.0	14.7	1039	4.34	10.5	0.8	1.3	3.2	41	0.1	9.2	0.1	109	0.85	0.179
201829	Soil	0.6	24.3	8.0	55	<0.1	8.0	10.6	908	3.06	6.1	0.8	1.2	1.1	31	0.1	5.5	0.2	83	0.58	0.124
201830	Soil	0.7	16.9	10.6	48	<0.1	15.4	8.4	463	2.34	8.4	0.6	1.3	2.2	18	0.1	0.7	0.1	53	0.27	0.071
201831	Soil	0.6	16.6	14.0	50	<0.1	16.0	7.8	385	2.49	10.9	0.7	18.1	2.6	16	0.2	1.3	0.2	52	0.23	0.070
201832	Soil	0.9	23.6	17.6	59	<0.1	13.3	10.2	696	3.11	15.7	0.9	3.4	1.6	20	0.1	5.8	0.3	78	0.31	0.099
201833	Soil	1.6	21.8	11.5	65	<0.1	16.2	8.4	747	3.46	17.3	0.6	3.0	0.4	28	0.2	1.3	0.4	94	0.22	0.082
201834	Soil	0.6	23.4	6.7	56	<0.1	11.0	11.1	830	3.06	9.1	0.6	14.4	2.7	50	0.2	3.0	1.3	79	0.66	0.167
201835	Soil	0.5	19.5	7.3	50	<0.1	18.4	8.8	370	2.40	9.3	0.6	7.2	3.4	22	<0.1	0.6	0.2	57	0.26	0.052
201836	Soil	3.0	33.1	10.8	71	<0.1	15.5	16.8	986	4.21	29.5	0.6	7.8	1.6	32	0.1	4.7	0.9	103	0.61	0.224
201837	Soil	0.9	22.4	13.7	57	<0.1	9.7	6.5	291	2.54	22.4	1.1	8.5	0.5	23	0.1	8.1	0.3	65	0.37	0.118

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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
201807	Soil	14	19	0.25	127	0.018	1	1.26	0.016	0.02	0.1	0.05	2.1	<0.1	0.17	5	<0.5	<0.2
201808	Soil	7	9	0.08	26	0.163	<1	0.31	0.019	0.01	<0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
201809	Soil	26	26	0.57	134	0.032	<1	2.16	0.017	0.05	0.3	0.17	8.3	<0.1	<0.05	8	<0.5	<0.2
201810	Soil	27	19	0.53	158	0.031	1	1.42	0.015	0.05	0.5	0.16	7.9	<0.1	<0.05	6	<0.5	<0.2
201812	Soil	28	21	0.55	123	0.019	1	1.60	0.014	0.07	0.9	0.44	9.2	<0.1	0.07	6	<0.5	<0.2
201813	Soil	21	20	0.80	97	0.022	1	1.97	0.009	0.06	1.7	0.17	12.7	<0.1	<0.05	8	<0.5	<0.2
201814	Soil	28	22	1.25	136	0.023	1	2.66	0.011	0.05	0.9	0.08	11.4	<0.1	<0.05	10	<0.5	<0.2
201815	Soil	29	15	1.15	121	0.011	<1	2.53	0.007	0.05	0.9	0.05	10.4	<0.1	<0.05	9	<0.5	<0.2
201816	Soil	35	15	0.42	193	0.010	2	1.22	0.010	0.08	1.6	0.56	6.2	<0.1	0.13	5	<0.5	<0.2
201817	Soil	22	21	0.59	123	0.026	2	1.62	0.012	0.08	0.6	0.19	6.4	<0.1	<0.05	6	<0.5	<0.2
201818	Soil	22	20	0.66	139	0.012	1	1.71	0.010	0.09	0.4	0.07	7.1	<0.1	<0.05	6	<0.5	<0.2
201819	Soil	9	21	0.37	121	0.027	1	1.25	0.013	0.06	0.2	0.07	1.7	<0.1	0.08	6	<0.5	<0.2
201820	Soil	23	16	0.39	146	0.028	2	1.08	0.018	0.07	0.3	0.08	3.2	<0.1	0.07	5	<0.5	<0.2
201821	Soil	27	21	0.77	149	0.017	1	1.80	0.012	0.08	0.3	0.06	9.6	<0.1	<0.05	7	<0.5	<0.2
201822	Soil	67	15	0.40	164	0.011	1	1.52	0.021	0.04	0.3	0.15	4.6	<0.1	0.11	5	<0.5	<0.2
201823	Soil	13	12	0.30	100	0.023	<1	1.08	0.023	0.04	0.3	0.07	2.2	<0.1	<0.05	4	<0.5	<0.2
201824	Soil	35	19	0.58	121	0.023	2	1.35	0.015	0.07	0.4	0.17	4.7	<0.1	0.07	5	<0.5	<0.2
201825	Soil	19	27	0.63	184	0.044	1	1.81	0.014	0.09	0.3	0.15	6.8	<0.1	<0.05	6	<0.5	<0.2
201826	Soil	19	24	0.59	182	0.044	2	1.63	0.013	0.08	0.3	0.24	6.9	<0.1	<0.05	5	<0.5	<0.2
201827	Soil	17	21	0.67	136	0.024	2	2.01	0.011	0.08	0.4	0.07	7.3	<0.1	<0.05	8	<0.5	<0.2
201828	Soil	19	21	1.01	142	0.016	1	2.29	0.014	0.06	0.4	0.07	10.2	<0.1	<0.05	9	<0.5	<0.2
201829	Soil	20	19	0.72	111	0.018	1	1.59	0.017	0.05	0.3	0.05	6.5	<0.1	<0.05	7	<0.5	<0.2
201830	Soil	14	21	0.51	105	0.050	1	1.46	0.012	0.07	0.2	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
201831	Soil	14	25	0.50	88	0.061	2	1.55	0.011	0.07	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
201832	Soil	14	22	0.45	89	0.039	2	1.46	0.011	0.06	0.5	0.11	5.2	<0.1	<0.05	5	<0.5	<0.2
201833	Soil	9	28	0.45	85	0.055	2	1.48	0.012	0.08	0.2	0.07	2.7	0.1	0.07	8	<0.5	<0.2
201834	Soil	22	18	0.73	109	0.043	1	1.50	0.016	0.06	0.6	0.04	7.5	<0.1	<0.05	6	<0.5	<0.2
201835	Soil	14	28	0.63	98	0.073	1	2.00	0.013	0.09	0.2	0.02	4.9	0.1	<0.05	5	<0.5	<0.2
201836	Soil	23	23	0.51	113	0.034	2	1.36	0.011	0.06	0.3	0.05	6.5	<0.1	<0.05	7	<0.5	<0.2
201837	Soil	17	18	0.29	90	0.024	2	0.98	0.010	0.06	0.6	0.34	3.2	<0.1	<0.05	4	<0.5	<0.2

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.



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Project: Mount Vic

Report Date: November 20, 2020

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
201838	Soil	1.3	18.8	16.9	65	<0.1	17.3	10.5	728	2.79	10.7	0.9	5.4	1.7	26	0.2	1.9	0.3	66	0.31	0.097
201839	Soil	0.9	18.1	10.8	55	<0.1	13.7	7.8	486	2.59	8.9	1.0	4.0	1.4	26	0.1	2.1	0.2	63	0.35	0.092
201840	Soil	0.6	19.1	6.9	63	<0.1	11.2	9.9	677	3.29	9.4	0.7	10.2	1.8	34	<0.1	3.7	0.7	85	0.48	0.125
201841	Soil	1.4	25.1	15.9	77	0.1	13.7	11.2	701	4.17	17.9	1.4	11.6	3.5	33	0.1	17.9	0.4	102	0.52	0.126
201842	Soil	0.4	15.6	6.9	48	<0.1	14.1	7.5	301	2.71	7.4	0.7	12.3	2.4	23	<0.1	1.7	0.4	73	0.32	0.086
201843	Soil	0.6	10.1	11.4	56	<0.1	11.1	6.2	329	2.86	9.9	0.7	97.5	4.7	23	<0.1	4.0	0.2	64	0.40	0.082
201844	Soil	0.8	13.8	7.5	57	<0.1	9.6	7.3	539	3.51	9.2	0.8	1.4	3.4	32	<0.1	2.2	0.2	82	0.59	0.106
201845	Soil	1.0	18.8	12.3	47	<0.1	13.7	8.9	528	2.73	10.5	0.5	5.4	1.0	21	<0.1	0.9	0.3	70	0.23	0.060
201846	Soil	1.7	35.6	18.8	74	0.2	21.0	13.3	952	3.44	14.9	1.0	3.8	0.5	40	0.2	0.7	0.3	84	0.41	0.121
201847	Soil	1.7	35.2	17.9	73	0.1	21.1	12.9	879	3.45	15.3	0.9	4.0	0.6	37	0.2	0.7	0.3	85	0.39	0.115
201848	Soil	1.4	13.1	9.5	35	<0.1	10.3	11.4	1065	2.60	37.2	0.6	5.2	0.5	27	<0.1	0.9	0.2	74	0.34	0.074
201849	Soil	0.8	17.7	6.7	51	<0.1	13.7	7.6	414	2.64	9.0	0.7	5.5	0.5	30	<0.1	0.5	0.2	68	0.30	0.086
201850	Soil	0.8	19.5	7.9	65	<0.1	19.7	10.8	570	3.15	10.1	0.7	3.3	2.1	21	0.1	0.5	0.2	76	0.26	0.070
201851	Soil	0.6	18.9	5.7	53	<0.1	11.4	8.3	478	2.99	6.2	0.5	12.3	0.6	39	<0.1	0.6	0.2	80	0.60	0.106
201852	Soil	1.0	17.1	7.1	65	0.1	12.4	12.7	517	3.68	6.4	0.8	11.9	2.9	46	<0.1	0.5	0.2	97	0.81	0.137
201853	Soil	0.9	18.5	7.8	51	<0.1	14.9	9.0	526	2.69	9.1	0.9	8.6	1.0	27	0.1	1.7	0.2	64	0.32	0.100
201854	Soil	0.6	11.3	8.5	45	<0.1	12.1	6.2	321	2.04	11.5	0.7	5.0	3.6	19	<0.1	1.7	0.1	48	0.34	0.084
201855	Soil	1.0	19.1	10.3	61	<0.1	11.7	9.8	502	2.94	9.4	1.0	13.2	3.7	37	0.1	1.3	0.2	76	0.72	0.134
201856	Soil	1.2	17.1	8.2	69	0.1	11.1	9.3	480	3.84	8.9	1.0	8.8	3.4	36	<0.1	1.2	0.2	107	0.69	0.146
201857	Soil	0.8	20.8	6.0	49	<0.1	10.9	7.7	639	2.42	6.6	0.9	4.3	1.3	34	<0.1	0.7	0.1	64	0.54	0.108
201858	Soil	1.4	33.9	23.2	73	0.2	16.9	15.1	1313	4.14	12.4	1.5	15.5	1.7	35	0.2	3.7	0.6	87	0.46	0.160
201859	Soil	0.1	6.3	2.1	17	<0.1	2.5	2.7	84	1.07	0.7	0.3	0.8	0.4	15	<0.1	0.3	<0.1	40	0.19	0.054
201860	Soil	0.6	11.6	4.9	48	0.1	7.3	15.9	2386	3.52	2.6	0.5	2.1	1.1	23	0.2	0.8	0.1	107	0.39	0.118
201861	Soil	0.9	42.6	11.0	53	0.2	12.8	8.2	212	2.72	10.6	1.3	8.4	1.5	33	0.4	2.4	0.5	72	0.47	0.112
201862	Soil	0.3	11.7	2.0	14	<0.1	2.6	2.7	177	0.83	0.8	0.3	1.9	0.2	12	<0.1	0.1	<0.1	25	0.13	0.042
201863	Soil	0.9	22.0	11.6	74	<0.1	10.5	9.8	542	2.92	6.5	0.9	6.0	2.2	38	0.1	1.7	0.2	78	0.43	0.101
201864	Soil	0.6	20.2	8.6	27	0.2	4.7	4.7	291	2.12	2.9	0.9	3.3	0.9	18	<0.1	0.5	0.1	36	0.23	0.077
201865	Soil	0.3	10.2	7.6	45	<0.1	9.0	6.0	208	3.32	5.3	0.6	7.7	3.7	20	<0.1	0.5	0.1	56	0.33	0.065
201866	Soil	0.5	6.7	1.0	24	<0.1	3.2	8.1	729	3.63	2.9	0.2	1.7	0.4	15	0.1	<0.1	<0.1	59	0.27	0.082
201867	Soil	1.4	20.1	3.3	11	<0.1	3.3	3.6	121	5.89	45.1	0.5	2.9	0.9	14	0.1	0.4	0.2	88	0.21	0.076



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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
201838	Soil	13	29	0.52	117	0.043	2	1.47	0.014	0.08	0.3	0.05	4.1	<0.1	0.05	6	<0.5	<0.2
201839	Soil	16	25	0.50	80	0.047	2	1.40	0.014	0.07	0.3	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
201840	Soil	15	21	0.62	114	0.049	1	1.49	0.016	0.07	0.5	0.05	6.4	<0.1	<0.05	6	<0.5	<0.2
201841	Soil	27	22	0.55	157	0.029	2	1.60	0.013	0.09	1.7	0.34	9.8	<0.1	<0.05	6	<0.5	<0.2
201842	Soil	15	25	0.62	95	0.054	1	1.90	0.013	0.07	0.3	0.05	5.6	<0.1	<0.05	6	<0.5	<0.2
201843	Soil	13	22	0.47	85	0.033	1	1.36	0.010	0.08	0.7	0.10	4.5	0.1	<0.05	5	<0.5	<0.2
201844	Soil	19	23	0.70	147	0.025	1	1.77	0.012	0.07	0.3	0.11	8.1	<0.1	<0.05	7	<0.5	<0.2
201845	Soil	11	23	0.59	78	0.044	1	1.60	0.012	0.06	0.2	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2
201846	Soil	22	33	0.67	187	0.033	2	2.36	0.017	0.09	0.2	0.08	4.0	0.1	0.11	8	<0.5	<0.2
201847	Soil	21	32	0.67	176	0.036	2	2.34	0.017	0.08	0.2	0.07	4.1	0.1	0.10	8	<0.5	<0.2
201848	Soil	7	19	0.46	146	0.015	2	1.29	0.011	0.03	0.2	0.11	3.0	0.1	0.05	6	<0.5	<0.2
201849	Soil	10	22	0.54	80	0.039	1	1.58	0.012	0.05	0.2	0.07	2.6	<0.1	0.08	6	<0.5	<0.2
201850	Soil	17	35	0.72	118	0.069	2	2.30	0.014	0.09	0.2	0.03	5.5	0.1	<0.05	7	<0.5	<0.2
201851	Soil	15	21	0.63	103	0.028	1	1.71	0.014	0.05	0.2	0.02	4.4	<0.1	0.06	7	<0.5	<0.2
201852	Soil	22	25	0.95	89	0.034	1	2.02	0.019	0.06	0.2	0.05	8.7	<0.1	0.06	8	<0.5	<0.2
201853	Soil	19	25	0.55	120	0.033	2	1.52	0.012	0.08	0.3	0.06	3.9	0.1	0.07	5	<0.5	<0.2
201854	Soil	15	20	0.39	94	0.055	1	0.98	0.015	0.07	0.4	0.05	3.5	<0.1	<0.05	3	<0.5	<0.2
201855	Soil	25	20	0.59	153	0.047	2	1.41	0.021	0.08	0.3	0.04	7.7	<0.1	<0.05	5	<0.5	<0.2
201856	Soil	28	23	0.74	132	0.040	2	1.78	0.019	0.08	0.2	0.06	9.6	<0.1	<0.05	8	<0.5	<0.2
201857	Soil	23	21	0.52	154	0.036	1	1.33	0.018	0.05	0.2	0.05	5.3	<0.1	0.08	5	<0.5	<0.2
201858	Soil	31	34	0.64	202	0.029	2	2.12	0.013	0.07	0.5	0.16	7.6	0.1	0.10	7	<0.5	<0.2
201859	Soil	6	5	0.09	28	0.057	<1	0.27	0.020	0.01	<0.1	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
201860	Soil	12	12	0.19	108	0.129	<1	0.61	0.022	0.02	0.1	0.07	2.5	<0.1	0.05	5	<0.5	<0.2
201861	Soil	34	29	0.44	159	0.012	1	1.92	0.010	0.04	0.3	0.62	8.8	0.1	0.16	6	0.6	<0.2
201862	Soil	6	4	0.07	46	0.028	<1	0.39	0.028	0.02	<0.1	0.04	0.7	<0.1	<0.05	2	<0.5	<0.2
201863	Soil	18	21	0.54	96	0.041	1	1.63	0.017	0.05	0.3	0.12	5.4	<0.1	<0.05	7	<0.5	<0.2
201864	Soil	15	10	0.19	58	0.022	1	0.91	0.020	0.02	0.2	0.04	3.6	<0.1	0.06	4	<0.5	<0.2
201865	Soil	14	19	0.44	68	0.052	<1	1.30	0.011	0.04	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
201866	Soil	5	6	0.06	50	0.092	<1	0.32	0.018	0.01	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
201867	Soil	12	8	0.05	46	0.041	<1	0.67	0.019	0.02	0.2	0.06	1.5	<0.1	0.11	4	0.5	<0.2



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# CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	0.1	1	0.1	0.1	2	0.01	0.001
201868	Soil	0.3	36.1	9.3	23	<0.1	5.8	3.7	94	1.07	2.0	0.5	11.1	0.9	17	<0.1	0.5	0.3	36	0.25	0.082
201869	Soil	0.5	14.6	4.9	44	<0.1	9.2	13.7	1642	2.69	6.2	0.6	9.5	2.3	23	<0.1	1.2	0.2	77	0.47	0.132
201870	Soil	0.8	20.7	11.5	65	<0.1	12.5	10.3	628	2.97	10.5	0.7	15.4	1.7	31	0.1	2.2	0.3	72	0.48	0.127
201871	Soil	0.2	7.8	2.9	22	<0.1	3.1	3.3	103	1.37	3.9	0.7	1.5	1.1	16	<0.1	0.5	<0.1	50	0.28	0.094
201872	Soil	0.8	29.0	8.8	38	0.1	11.3	6.6	417	1.95	11.8	1.6	4.4	0.7	40	<0.1	1.3	0.2	56	0.52	0.154
203558	Soil	0.5	14.1	9.0	57	<0.1	13.0	5.9	203	2.33	10.1	1.1	3.7	4.3	23	<0.1	3.0	0.2	65	0.40	0.104
203559	Soil	0.6	13.2	15.4	92	<0.1	8.4	8.8	278	4.43	29.4	1.1	2.7	7.2	26	<0.1	6.8	0.4	125	0.44	0.130
203560	Soil	0.5	15.0	17.3	77	0.2	10.3	6.9	288	3.79	14.8	1.3	4.3	3.2	18	<0.1	4.8	1.0	78	0.29	0.093
203561	Soil	0.2	24.3	3.9	10	0.2	2.1	1.8	66	0.57	1.1	1.0	3.1	0.6	12	0.1	0.5	<0.1	21	0.16	0.082
203562	Soil	0.7	19.6	12.0	75	<0.1	15.9	9.4	370	2.58	22.3	0.9	3.1	1.9	26	<0.1	1.2	0.4	73	0.32	0.083
203563	Soil	0.6	16.6	6.2	42	<0.1	10.9	6.8	408	1.74	30.4	0.7	2.5	0.8	23	<0.1	0.7	0.2	47	0.30	0.070
203564	Soil	0.8	24.7	6.9	50	0.1	14.2	9.0	436	2.60	130.1	0.9	4.3	1.0	30	0.1	1.6	0.2	72	0.44	0.082
203565	Soil	0.5	16.3	5.6	48	<0.1	14.3	7.5	311	2.16	98.6	0.7	4.1	2.8	25	0.1	2.1	0.1	54	0.43	0.082
203566	Soil	0.5	16.2	5.9	46	<0.1	14.7	7.5	313	2.06	34.6	0.9	28.1	3.8	25	0.1	0.7	0.2	54	0.46	0.091
203567	Soil	0.5	18.4	6.2	44	<0.1	16.6	7.6	314	2.10	27.3	0.6	3.7	2.5	15	<0.1	0.5	0.1	49	0.23	0.045
203568	Soil	0.4	15.5	3.6	22	<0.1	5.2	4.3	155	1.20	9.4	0.4	2.2	0.3	11	<0.1	0.2	<0.1	35	0.16	0.053
203569	Soil	0.6	16.0	9.3	47	<0.1	17.8	9.0	393	2.25	8.9	0.6	4.5	2.8	16	<0.1	0.4	0.1	51	0.26	0.062
203570	Soil	0.9	19.3	17.0	51	<0.1	16.4	9.0	459	2.69	8.2	0.7	4.2	1.0	25	0.1	0.7	0.2	67	0.32	0.056
203571	Soil	0.8	51.8	77.0	184	<0.1	11.7	12.7	1112	3.73	21.7	0.9	9.9	1.5	27	0.7	17.8	1.5	92	0.41	0.099
203572	Soil	1.0	23.5	92.8	93	0.1	16.9	8.0	331	2.96	12.8	0.6	6.1	1.6	19	0.5	0.7	0.3	74	0.21	0.032
203573	Soil	0.6	32.3	56.2	94	0.1	15.5	12.6	1069	3.48	13.1	1.1	4.1	3.5	35	0.2	1.9	0.3	91	0.44	0.099
203574	Soil	0.7	20.9	8.9	49	<0.1	19.1	9.4	419	2.65	89.2	0.6	3.5	1.4	15	<0.1	0.6	0.2	60	0.21	0.043
203575	Soil	0.8	14.6	8.2	40	<0.1	11.7	5.3	217	2.29	38.9	0.5	3.5	0.7	11	<0.1	0.7	0.2	56	0.14	0.031
203576	Soil	0.4	15.0	5.9	42	<0.1	13.3	7.0	294	1.84	38.7	0.5	9.8	1.9	15	<0.1	0.6	0.1	43	0.23	0.051
203577	Soil	0.5	17.1	6.8	46	<0.1	12.9	7.6	318	2.10	22.0	1.1	5.5	1.7	23	0.2	0.7	0.1	57	0.31	0.072
203578	Soil	0.2	12.6	1.5	24	<0.1	3.8	4.0	77	1.46	2.0	0.2	0.6	<0.1	11	<0.1	0.1	<0.1	52	0.15	0.057
203579	Soil	0.9	26.4	16.9	63	0.1	17.8	9.2	492	2.55	32.9	0.9	5.3	1.6	25	0.2	1.5	0.2	60	0.30	0.083
203580	Soil	1.3	42.1	20.7	85	0.3	23.2	12.7	797	3.54	20.0	1.8	4.5	1.1	42	0.2	1.9	0.5	82	0.49	0.142
203581	Soil	1.3	28.7	18.7	86	<0.1	20.1	11.5	732	3.65	23.7	1.4	13.0	1.7	26	0.1	3.7	0.4	84	0.27	0.088
203582	Soil	0.6	13.2	9.2	36	0.1	9.2	4.1	186	1.60	9.3	0.8	4.0	1.2	20	<0.1	1.4	0.2	45	0.25	0.076



**BUREAU VERITAS** MINERAL LABORATORIES  
Canada

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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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# CERTIFICATE OF ANALYSIS

# WHI20000294.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
201868	Soil	10	13	0.22	62	0.026	<1	1.06	0.014	0.03	0.1	0.12	3.0	<0.1	0.06	5	<0.5	<0.2
201869	Soil	13	18	0.49	82	0.048	1	1.25	0.017	0.05	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
201870	Soil	16	20	0.58	123	0.033	1	1.43	0.013	0.05	0.5	0.07	5.2	<0.1	<0.05	6	<0.5	<0.2
201871	Soil	10	8	0.12	34	0.104	<1	0.43	0.020	0.01	0.2	0.06	2.0	<0.1	<0.05	4	<0.5	<0.2
201872	Soil	25	24	0.41	137	0.023	2	1.45	0.013	0.04	0.2	0.25	4.1	0.1	0.14	6	0.5	<0.2
203558	Soil	17	24	0.50	59	0.064	1	1.37	0.012	0.08	0.5	0.12	5.3	<0.1	<0.05	5	<0.5	<0.2
203559	Soil	26	19	0.59	67	0.032	1	1.63	0.010	0.07	0.7	0.27	6.9	<0.1	<0.05	7	<0.5	<0.2
203560	Soil	23	24	0.55	72	0.013	1	1.62	0.008	0.06	0.5	0.35	7.3	0.1	<0.05	7	<0.5	<0.2
203561	Soil	11	6	0.06	25	0.051	<1	0.34	0.024	0.02	<0.1	0.18	2.6	<0.1	0.07	2	<0.5	<0.2
203562	Soil	13	27	0.59	119	0.049	1	1.69	0.016	0.06	0.2	0.08	4.9	0.1	<0.05	6	<0.5	<0.2
203563	Soil	12	19	0.36	99	0.040	1	1.09	0.017	0.04	0.1	0.07	2.6	<0.1	0.06	4	<0.5	<0.2
203564	Soil	12	25	0.42	129	0.057	2	1.36	0.016	0.06	0.1	0.23	4.4	0.1	0.08	5	<0.5	<0.2
203565	Soil	12	24	0.50	84	0.062	1	1.17	0.017	0.06	0.2	0.16	3.9	0.1	<0.05	4	<0.5	<0.2
203566	Soil	14	26	0.49	88	0.067	1	1.07	0.019	0.06	0.2	0.14	3.8	<0.1	<0.05	4	<0.5	<0.2
203567	Soil	11	25	0.48	69	0.072	1	1.45	0.012	0.06	0.2	0.08	3.3	<0.1	<0.05	4	<0.5	<0.2
203568	Soil	4	8	0.15	45	0.038	1	0.74	0.024	0.03	<0.1	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
203569	Soil	11	28	0.53	93	0.063	1	1.65	0.012	0.07	0.2	0.10	4.0	<0.1	<0.05	5	<0.5	<0.2
203570	Soil	11	26	0.51	85	0.048	2	1.45	0.012	0.06	0.2	0.07	3.0	<0.1	<0.05	6	<0.5	<0.2
203571	Soil	19	19	0.64	117	0.015	2	1.66	0.011	0.07	0.7	0.19	7.3	<0.1	<0.05	7	<0.5	<0.2
203572	Soil	12	30	0.50	77	0.075	1	1.64	0.011	0.06	0.2	0.06	3.5	0.1	<0.05	7	<0.5	<0.2
203573	Soil	29	22	0.76	129	0.027	3	1.91	0.013	0.06	0.3	0.06	8.4	0.1	<0.05	8	<0.5	<0.2
203574	Soil	11	29	0.54	87	0.055	1	1.63	0.011	0.05	0.2	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
203575	Soil	10	22	0.36	48	0.057	<1	1.32	0.008	0.06	0.2	0.07	2.1	0.1	<0.05	6	<0.5	<0.2
203576	Soil	10	20	0.43	57	0.050	<1	1.33	0.011	0.05	0.2	0.10	2.8	<0.1	<0.05	4	<0.5	<0.2
203577	Soil	12	22	0.39	100	0.055	<1	1.40	0.019	0.04	0.2	0.05	3.3	<0.1	<0.05	5	<0.5	<0.2
203578	Soil	3	6	0.08	21	0.056	<1	0.33	0.020	0.01	<0.1	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2
203579	Soil	15	28	0.51	119	0.047	1	1.60	0.013	0.07	0.2	0.08	4.5	0.1	<0.05	6	<0.5	<0.2
203580	Soil	36	38	0.69	207	0.027	2	2.65	0.016	0.10	0.2	0.18	6.1	0.2	0.12	9	0.7	<0.2
203581	Soil	18	34	0.62	142	0.038	1	2.14	0.010	0.10	0.3	0.12	6.7	0.2	<0.05	8	<0.5	<0.2
203582	Soil	13	23	0.39	81	0.033	1	1.14	0.009	0.05	0.2	0.16	3.7	0.1	<0.05	5	<0.5	<0.2

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.





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3081 Third Ave.

Whitehorse Yukon Y1A 4Z7 Canada

Project: Mount Vic

Report Date: November 20, 2020

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI20000294.1

Method Analyte	AQ201																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
203583	Soil	0.7	13.3	9.3	50	<0.1	10.8	7.2	531	2.19	12.7	0.9	1.7	2.1	21	<0.1	3.1	0.2	59	0.32	0.103
203584	Soil	0.7	10.8	17.6	56	<0.1	14.0	7.6	349	2.35	18.3	1.0	2.0	1.7	13	0.1	2.8	0.3	62	0.15	0.042
203585	Soil	0.7	10.3	14.9	50	<0.1	12.1	6.6	298	2.19	16.2	0.9	2.3	1.4	13	0.1	2.6	0.3	60	0.14	0.040
203586	Soil	0.7	23.3	10.3	55	0.2	38.2	12.5	544	2.86	82.1	1.1	2.1	2.5	48	0.2	2.1	0.2	68	0.45	0.064
203587	Soil	1.1	17.9	11.9	53	<0.1	14.2	6.8	275	2.48	16.4	0.7	12.1	1.5	12	0.1	1.4	0.2	60	0.13	0.032
203588	Soil	0.8	20.3	16.3	69	<0.1	11.7	7.1	486	2.79	24.6	1.7	3.3	4.0	24	0.1	3.1	0.2	61	0.38	0.097
203589	Soil	0.5	29.0	13.0	70	<0.1	20.4	14.9	655	3.67	27.6	1.4	9.5	3.9	43	0.1	3.0	0.2	82	0.65	0.157
203590	Soil	0.9	20.8	8.9	49	<0.1	12.7	7.3	321	2.47	19.6	0.8	3.6	1.4	20	<0.1	1.8	0.2	60	0.26	0.077
203592	Soil	0.7	21.5	9.7	61	<0.1	15.1	8.8	514	2.95	19.0	1.3	2.4	3.1	27	0.1	5.3	0.2	75	0.39	0.110
203593	Soil	0.7	18.7	3.0	20	<0.1	4.6	5.8	609	2.55	24.3	0.7	0.6	0.5	15	<0.1	1.4	<0.1	48	0.21	0.078
203594	Soil	0.2	8.1	2.0	30	<0.1	4.5	5.5	268	1.73	2.3	0.3	0.9	0.6	16	<0.1	0.6	<0.1	60	0.27	0.079
203595	Soil	0.6	15.2	1.5	12	<0.1	2.4	5.9	306	2.27	3.6	0.3	<0.5	0.3	13	0.1	0.3	<0.1	42	0.20	0.088
203596	Soil	0.3	16.5	8.6	48	<0.1	12.1	7.5	207	1.94	6.5	0.7	3.1	2.2	24	<0.1	1.8	0.2	68	0.37	0.093
203597	Soil	0.4	22.2	14.9	79	<0.1	11.8	11.0	440	2.47	5.5	1.0	2.7	4.3	34	0.2	3.3	0.2	76	0.54	0.135
203598	Soil	0.2	11.2	1.8	11	0.1	2.2	3.8	514	0.81	<0.5	0.7	0.6	0.3	14	<0.1	0.6	<0.1	23	0.20	0.074
203599	Soil	0.5	14.3	7.2	42	<0.1	7.9	5.2	264	2.06	9.9	0.8	1.5	0.5	26	0.1	2.5	0.1	57	0.36	0.084
203600	Soil	0.7	22.3	7.4	53	<0.1	12.5	7.5	551	2.32	11.7	1.0	4.6	0.9	26	<0.1	2.0	0.1	58	0.32	0.080
203601	Soil	0.4	17.4	3.4	28	<0.1	5.4	4.8	577	1.47	3.8	0.9	0.6	0.3	21	<0.1	0.6	<0.1	44	0.28	0.078
203602	Soil	0.3	22.0	6.0	42	0.2	6.7	6.2	258	2.41	6.1	1.1	1.5	1.7	21	<0.1	1.0	<0.1	83	0.31	0.100
203603	Soil	0.9	33.9	13.0	83	0.2	16.1	13.6	1055	3.98	16.7	1.7	3.3	3.4	40	0.2	2.3	0.2	95	0.60	0.157
203604	Soil	0.8	23.9	9.3	72	<0.1	12.0	13.1	810	3.81	16.1	1.1	2.4	4.1	39	0.1	4.2	0.2	93	0.69	0.135
203605	Soil	0.8	26.3	9.0	68	0.1	15.5	10.9	555	3.16	17.0	1.3	2.3	3.3	39	0.2	5.6	0.2	85	0.67	0.123
203606	Soil	0.6	31.5	9.4	55	<0.1	18.0	7.7	393	2.59	16.2	1.4	4.5	4.7	25	0.2	2.4	0.2	65	0.42	0.076
203607	Soil	0.6	27.6	14.4	73	<0.1	16.1	13.6	469	3.65	23.0	0.9	2.5	4.6	41	0.2	3.2	0.2	97	0.67	0.147
203608	Soil	1.7	24.8	12.9	67	<0.1	16.7	11.5	788	3.51	18.6	1.4	2.2	1.7	31	0.1	2.4	0.2	83	0.36	0.094
203609	Soil	0.8	14.7	8.3	66	<0.1	15.0	7.4	363	2.66	20.2	1.1	1.5	1.4	16	0.1	1.8	0.2	65	0.18	0.055
203610	Soil	0.5	23.5	10.1	69	<0.1	13.1	7.6	302	3.07	13.3	0.9	3.4	4.1	33	<0.1	2.2	0.2	76	0.54	0.142
203611	Soil	0.5	21.5	6.1	55	<0.1	12.3	8.7	512	2.62	8.0	0.6	0.6	2.9	26	0.1	0.9	0.1	63	0.42	0.117
203612	Soil	0.4	40.7	12.5	61	<0.1	13.2	7.9	333	3.16	14.2	0.7	1.4	3.1	30	0.1	13.4	0.2	85	0.48	0.128
203613	Soil	0.7	22.1	11.6	61	<0.1	15.4	10.1	531	3.11	40.3	0.9	2.4	2.2	16	0.1	6.4	0.4	75	0.25	0.076



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**Part:** 2 of 2

# CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
203583	Soil	16	22	0.46	90	0.035	2	1.33	0.011	0.06	0.4	0.22	4.6	0.1	<0.05	5	<0.5	<0.2
203584	Soil	9	26	0.28	68	0.049	1	1.00	0.007	0.06	0.7	0.42	3.5	0.1	<0.05	6	<0.5	<0.2
203585	Soil	8	23	0.24	62	0.050	1	0.88	0.008	0.06	0.6	0.35	3.0	0.1	<0.05	5	<0.5	<0.2
203586	Soil	17	38	0.71	187	0.057	2	1.93	0.058	0.08	0.2	0.24	5.8	0.2	<0.05	6	<0.5	<0.2
203587	Soil	10	25	0.40	56	0.065	2	1.40	0.009	0.07	0.2	0.09	2.8	0.2	<0.05	6	<0.5	<0.2
203588	Soil	20	21	0.41	98	0.038	2	1.29	0.011	0.07	0.7	0.30	6.7	0.2	<0.05	5	<0.5	<0.2
203589	Soil	27	44	0.80	110	0.032	1	1.78	0.012	0.06	0.2	0.14	10.8	<0.1	<0.05	7	<0.5	<0.2
203590	Soil	15	22	0.38	69	0.042	2	1.26	0.010	0.07	0.3	0.11	3.6	0.1	<0.05	5	<0.5	<0.2
203592	Soil	18	26	0.51	151	0.043	2	1.55	0.013	0.07	0.5	0.23	6.2	0.1	<0.05	6	<0.5	<0.2
203593	Soil	11	8	0.12	57	0.032	1	0.68	0.026	0.03	0.1	0.10	1.9	<0.1	<0.05	3	<0.5	<0.2
203594	Soil	6	8	0.14	49	0.070	<1	0.42	0.024	0.02	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
203595	Soil	6	6	0.06	38	0.053	<1	0.45	0.022	0.01	<0.1	0.04	1.3	<0.1	0.06	3	<0.5	<0.2
203596	Soil	16	25	0.52	112	0.048	1	1.73	0.012	0.05	0.3	0.12	5.2	0.1	<0.05	6	<0.5	<0.2
203597	Soil	20	21	0.66	133	0.048	1	1.72	0.012	0.07	0.3	0.23	8.2	0.1	<0.05	7	<0.5	<0.2
203598	Soil	13	5	0.05	52	0.043	<1	0.31	0.032	0.02	<0.1	0.10	2.0	<0.1	<0.05	2	<0.5	<0.2
203599	Soil	15	16	0.31	97	0.021	1	1.05	0.015	0.05	0.3	0.11	3.3	<0.1	<0.05	5	<0.5	<0.2
203600	Soil	17	24	0.37	143	0.029	1	1.37	0.017	0.05	0.3	0.14	4.6	0.1	<0.05	5	<0.5	<0.2
203601	Soil	18	9	0.15	94	0.034	1	0.83	0.029	0.03	<0.1	0.10	2.6	<0.1	0.05	4	<0.5	<0.2
203602	Soil	24	13	0.18	88	0.071	1	1.08	0.019	0.04	0.2	0.32	5.7	<0.1	<0.05	6	<0.5	<0.2
203603	Soil	33	28	0.68	282	0.031	2	1.96	0.014	0.08	0.2	0.16	10.1	0.1	<0.05	8	<0.5	<0.2
203604	Soil	22	20	0.62	203	0.040	2	1.46	0.019	0.07	0.4	0.24	8.3	0.1	<0.05	7	<0.5	<0.2
203605	Soil	21	26	0.65	172	0.051	2	1.63	0.019	0.08	0.4	0.16	7.7	<0.1	<0.05	7	<0.5	<0.2
203606	Soil	24	26	0.49	145	0.058	2	1.43	0.015	0.08	0.3	0.60	7.6	<0.1	<0.05	5	<0.5	<0.2
203607	Soil	27	29	0.70	181	0.064	2	1.80	0.022	0.10	0.3	0.19	10.0	0.1	<0.05	7	<0.5	<0.2
203608	Soil	30	27	0.62	179	0.029	2	1.76	0.009	0.08	0.4	0.11	6.7	0.1	0.06	8	<0.5	<0.2
203609	Soil	13	29	0.49	105	0.060	1	1.35	0.010	0.10	0.6	0.08	4.1	0.1	<0.05	6	<0.5	<0.2
203610	Soil	21	27	0.63	138	0.070	1	1.89	0.016	0.10	0.3	0.12	6.6	0.1	<0.05	7	<0.5	<0.2
203611	Soil	13	20	0.56	83	0.053	1	1.39	0.013	0.07	0.3	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
203612	Soil	16	25	0.58	84	0.061	1	1.53	0.016	0.07	0.6	0.22	7.0	<0.1	<0.05	6	<0.5	<0.2
203613	Soil	16	24	0.45	77	0.056	2	1.50	0.011	0.08	0.4	0.77	4.9	0.2	<0.05	6	<0.5	<0.2



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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	1	0.1	2	0.01	0.001
203614	Soil	0.7	19.4	12.2	62	<0.1	13.8	11.2	604	3.14	37.9	1.1	3.8	3.3	30	<0.1	6.2	0.3	76	0.47	0.099
203615	Soil	0.5	18.5	10.2	60	<0.1	12.0	8.3	425	2.72	22.2	1.0	9.0	4.3	29	0.1	7.5	0.3	68	0.51	0.121
203616	Soil	0.6	12.1	7.6	56	<0.1	9.0	9.8	792	2.60	6.2	0.8	12.5	1.7	36	0.1	0.9	0.2	64	0.50	0.131
203617	Soil	0.4	16.2	8.7	53	<0.1	9.5	7.6	256	2.03	5.2	1.0	18.3	3.7	36	0.1	1.4	0.3	75	0.49	0.115
203618	Soil	0.5	15.8	9.4	59	<0.1	9.5	7.9	285	3.42	8.2	0.9	7.4	3.5	35	0.1	1.1	0.3	91	0.59	0.145
203619	Soil	0.7	16.8	7.7	94	<0.1	5.5	13.3	691	4.55	7.7	1.6	3.6	7.5	40	0.1	2.1	0.3	102	0.62	0.180
203620	Soil	0.6	19.6	9.7	50	0.1	6.6	6.8	301	2.12	8.2	2.0	5.1	2.0	21	0.1	1.1	0.2	41	0.25	0.102
203621	Soil	0.5	20.3	9.7	54	<0.1	12.5	8.3	215	2.91	20.8	0.8	7.3	4.6	31	0.1	1.7	0.3	82	0.44	0.099
203622	Soil	0.8	22.3	13.6	48	<0.1	12.9	9.3	346	2.57	50.6	1.0	14.2	2.3	25	0.2	2.0	0.4	69	0.37	0.116
203623	Soil	0.8	27.1	15.5	55	0.1	14.1	11.9	518	3.11	65.1	1.5	9.8	4.0	25	0.1	2.2	0.4	82	0.37	0.104
203624	Soil	1.0	21.6	16.0	59	<0.1	13.5	13.3	817	3.42	16.3	1.3	11.9	2.8	32	0.2	2.1	6.6	71	0.44	0.111
203625	Soil	1.5	117.4	15.1	77	<0.1	5.7	12.8	3359	6.03	25.1	1.2	6.4	6.1	53	0.2	3.0	0.5	170	1.21	0.366
203626	Soil	1.0	24.7	10.7	53	<0.1	15.1	8.3	435	2.64	10.6	0.7	5.9	2.7	35	0.1	1.5	0.2	69	0.47	0.099
203627	Soil	1.4	35.2	42.6	71	<0.1	17.6	9.2	550	3.02	22.1	1.1	7.0	2.3	32	0.2	3.7	0.6	76	0.47	0.130
203628	Soil	1.4	25.5	14.1	64	<0.1	15.3	10.5	637	3.20	15.5	1.0	9.2	1.6	29	0.1	1.7	0.5	80	0.35	0.112
203629	Soil	0.6	19.9	7.8	59	<0.1	7.5	14.3	1064	3.55	6.3	0.7	2.9	1.4	20	0.1	1.3	0.1	125	0.32	0.123
203630	Soil	0.9	18.5	11.6	52	<0.1	9.3	7.4	259	4.56	25.3	1.2	5.3	4.7	28	<0.1	2.6	0.2	85	0.38	0.112
203631	Soil	0.4	12.3	10.3	58	<0.1	10.8	8.3	271	1.99	4.5	0.7	2.0	4.1	21	<0.1	1.4	0.2	50	0.35	0.075
203632	Soil	0.4	14.9	17.1	54	<0.1	8.0	7.4	246	2.08	8.6	0.9	7.6	4.5	25	<0.1	2.1	0.2	60	0.34	0.075
203633	Soil	0.8	17.8	5.9	53	<0.1	7.7	16.1	2488	3.81	9.2	1.2	5.4	1.8	28	0.1	1.0	0.2	69	0.36	0.111
203634	Soil	0.6	15.6	9.1	56	<0.1	11.3	8.7	289	3.53	18.7	1.1	5.0	4.3	25	0.1	1.4	0.2	97	0.40	0.106
203635	Soil	0.8	15.7	6.9	52	<0.1	10.5	14.1	922	3.64	9.1	0.9	6.8	2.4	34	<0.1	1.0	0.2	86	0.51	0.130
203636	Soil	0.3	16.0	8.2	42	<0.1	9.8	5.0	179	1.85	7.9	0.9	23.2	1.5	20	0.1	0.9	0.2	56	0.34	0.107
203637	Soil	0.2	7.5	5.3	50	<0.1	10.4	5.8	208	2.01	6.5	0.6	6.9	3.6	25	<0.1	0.6	0.1	75	0.47	0.105
203638	Soil	1.9	9.1	22.3	46	<0.1	9.2	5.5	337	3.48	8.5	0.5	2.2	1.9	15	0.3	0.8	0.3	81	0.15	0.033
203639	Soil	0.9	18.2	7.0	53	<0.1	14.8	9.0	420	2.94	9.2	0.6	5.7	1.6	12	<0.1	0.7	0.2	69	0.19	0.051
203640	Soil	0.9	18.7	7.3	54	<0.1	16.0	9.4	431	2.99	10.0	0.6	2.0	1.7	13	<0.1	0.7	0.2	70	0.19	0.049
203641	Soil	0.6	22.2	4.5	36	<0.1	9.4	5.5	242	1.73	4.3	0.6	2.4	0.3	26	<0.1	0.5	0.1	44	0.36	0.073
203642	Soil	0.5	17.8	6.4	54	<0.1	14.7	8.7	576	2.46	6.3	0.6	0.9	2.8	32	0.1	0.6	0.1	63	0.51	0.112
203643	Soil	0.5	11.8	5.5	43	<0.1	14.7	7.4	327	2.01	6.5	0.6	5.2	2.3	35	<0.1	0.4	0.1	51	0.50	0.058



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
203614	Soil	16	23	0.52	151	0.034	2	1.38	0.013	0.08	0.4	0.83	6.6	0.1	<0.05	6	<0.5	<0.2
203615	Soil	20	20	0.47	114	0.044	1	1.20	0.015	0.07	0.6	0.50	6.1	<0.1	<0.05	5	<0.5	<0.2
203616	Soil	14	17	0.45	92	0.039	1	1.33	0.016	0.04	0.2	0.06	4.6	<0.1	<0.05	5	<0.5	<0.2
203617	Soil	20	20	0.53	78	0.044	1	1.62	0.018	0.05	0.3	0.09	6.2	<0.1	<0.05	7	<0.5	<0.2
203618	Soil	17	20	0.58	83	0.057	1	1.58	0.024	0.06	0.4	0.11	6.8	<0.1	<0.05	7	<0.5	<0.2
203619	Soil	31	12	0.59	99	0.039	<1	1.69	0.018	0.05	0.3	0.10	7.6	<0.1	<0.05	7	<0.5	<0.2
203620	Soil	33	16	0.21	151	0.016	2	1.40	0.010	0.04	0.2	0.35	3.2	0.2	0.08	5	0.6	<0.2
203621	Soil	22	28	0.56	80	0.050	1	1.69	0.013	0.05	0.4	0.14	6.2	<0.1	<0.05	7	<0.5	<0.2
203622	Soil	19	27	0.49	133	0.030	2	1.62	0.012	0.05	0.3	0.23	5.9	0.1	<0.05	6	<0.5	<0.2
203623	Soil	22	30	0.56	120	0.039	2	1.77	0.012	0.06	0.3	0.21	7.4	0.1	<0.05	7	<0.5	<0.2
203624	Soil	22	25	0.55	123	0.036	1	1.59	0.013	0.06	0.3	0.14	6.2	0.1	<0.05	6	<0.5	<0.2
203625	Soil	56	10	0.30	292	0.003	2	1.35	0.004	0.05	3.9	0.08	21.9	<0.1	<0.05	10	<0.5	<0.2
203626	Soil	16	24	0.60	82	0.059	2	1.46	0.016	0.06	0.3	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
203627	Soil	20	28	0.48	104	0.030	2	1.32	0.012	0.07	0.3	0.13	5.8	<0.1	<0.05	6	<0.5	<0.2
203628	Soil	19	25	0.53	110	0.040	2	1.69	0.013	0.06	0.2	0.05	5.5	<0.1	<0.05	7	<0.5	<0.2
203629	Soil	12	13	0.21	71	0.119	1	0.71	0.017	0.02	0.1	0.07	3.7	0.1	<0.05	6	<0.5	<0.2
203630	Soil	20	19	0.44	78	0.029	2	1.71	0.011	0.05	0.3	0.40	7.2	0.2	<0.05	7	<0.5	<0.2
203631	Soil	14	20	0.49	85	0.058	1	1.29	0.013	0.05	0.3	0.16	4.1	<0.1	<0.05	5	<0.5	<0.2
203632	Soil	15	18	0.43	79	0.035	2	1.41	0.013	0.04	0.3	0.28	4.9	<0.1	<0.05	6	<0.5	<0.2
203633	Soil	19	15	0.29	120	0.039	1	1.15	0.017	0.03	0.2	0.11	4.4	<0.1	0.06	5	<0.5	<0.2
203634	Soil	16	24	0.53	78	0.055	1	1.55	0.016	0.06	0.3	0.09	5.6	<0.1	<0.05	6	<0.5	<0.2
203635	Soil	14	22	0.54	110	0.050	1	1.68	0.017	0.04	0.3	0.09	5.1	<0.1	<0.05	6	<0.5	<0.2
203636	Soil	16	20	0.37	89	0.051	1	1.50	0.014	0.04	0.2	0.08	4.3	<0.1	0.05	5	<0.5	<0.2
203637	Soil	15	19	0.50	57	0.062	1	1.32	0.017	0.05	0.2	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
203638	Soil	8	23	0.28	66	0.073	1	1.44	0.009	0.05	0.3	0.09	3.5	0.2	<0.05	9	<0.5	<0.2
203639	Soil	15	25	0.43	58	0.052	2	1.86	0.011	0.06	0.2	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
203640	Soil	15	26	0.45	61	0.056	2	1.95	0.011	0.06	0.2	0.04	5.1	0.1	<0.05	7	<0.5	<0.2
203641	Soil	17	14	0.27	95	0.032	1	1.07	0.028	0.04	0.1	0.04	2.4	<0.1	0.06	4	<0.5	<0.2
203642	Soil	17	23	0.54	80	0.055	2	1.36	0.018	0.06	0.2	0.14	4.9	<0.1	<0.05	5	<0.5	<0.2
203643	Soil	12	24	0.46	94	0.061	2	1.25	0.017	0.06	0.2	0.05	4.1	0.1	<0.05	5	<0.5	<0.2

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.



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Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	0.1	1	0.1	0.1	2	0.01	0.001
203644	Soil	0.4	10.1	7.6	58	<0.1	10.4	8.1	464	2.36	5.4	0.8	7.3	4.2	29	0.1	0.7	0.1	92	0.50	0.112
203645	Soil	0.4	10.9	6.5	49	<0.1	11.3	6.3	328	1.85	3.0	0.6	2.6	2.4	25	<0.1	1.2	0.1	50	0.36	0.076
203646	Soil	0.7	15.7	8.1	32	0.1	9.8	10.1	959	2.00	2.7	0.9	4.2	0.6	23	0.1	0.6	0.1	45	0.27	0.125
203647	Soil	0.5	13.1	8.1	47	<0.1	11.1	5.5	266	2.23	5.5	0.7	69.4	3.5	24	<0.1	1.1	0.2	70	0.44	0.123
203648	Soil	0.7	16.0	9.3	59	<0.1	10.8	7.3	606	2.81	7.3	0.7	20.5	3.1	24	<0.1	1.4	0.2	78	0.40	0.117
203649	Soil	0.8	23.7	13.4	62	<0.1	19.3	8.7	306	2.85	17.6	1.0	9.7	4.7	31	0.1	2.3	0.2	72	0.50	0.106
203650	Soil	0.8	18.6	10.1	50	<0.1	17.1	7.3	313	2.44	22.4	0.8	4.9	2.5	18	0.1	1.0	0.1	60	0.30	0.071
203651	Soil	2.2	29.5	25.2	84	<0.1	16.8	11.8	792	3.14	16.5	0.7	15.2	1.9	20	0.2	3.1	0.3	72	0.32	0.097
203652	Soil	1.0	32.6	12.6	59	<0.1	19.0	10.7	548	2.77	11.9	0.6	3.3	3.0	22	0.2	1.7	0.2	65	0.36	0.102
203653	Soil	1.3	39.4	12.2	69	<0.1	11.3	14.2	838	3.73	31.8	1.3	3.7	3.7	46	0.1	5.0	0.3	85	0.83	0.274
203654	Soil	1.3	30.9	21.3	68	0.2	20.7	18.9	609	3.76	47.2	1.2	83.7	4.4	25	0.2	1.9	1.1	82	0.35	0.078
203655	Soil	0.8	24.4	15.5	53	<0.1	16.5	11.7	282	3.07	39.4	1.3	3.5	5.1	26	<0.1	2.3	0.2	78	0.40	0.074
203656	Soil	1.7	23.7	14.5	58	0.1	16.0	8.9	497	3.15	13.8	0.7	14.0	0.5	17	<0.1	1.5	0.3	82	0.14	0.068
203657	Soil	0.6	12.7	10.4	44	<0.1	14.1	7.1	335	2.08	8.2	0.5	1.8	1.3	14	0.1	0.6	0.2	47	0.19	0.049
203658	Soil	1.2	21.1	12.6	51	<0.1	13.2	6.9	412	2.61	9.3	0.6	5.1	0.4	19	0.1	1.6	0.3	68	0.20	0.064
203659	Soil	1.1	16.4	15.5	61	0.1	15.4	7.3	409	2.47	8.0	0.7	1.2	0.5	19	0.2	1.0	0.3	55	0.22	0.076
203660	Soil	1.3	30.1	18.0	62	0.2	15.4	11.2	776	2.94	19.0	1.7	2.7	0.7	43	0.1	1.8	0.3	66	0.73	0.121
203661	Soil	1.0	16.1	9.3	35	0.1	8.8	4.1	169	1.56	10.4	0.6	7.7	0.4	27	0.1	0.8	0.2	45	0.38	0.060
203662	Soil	0.8	17.0	16.4	53	<0.1	14.4	8.7	644	2.21	7.0	0.7	1.1	1.7	27	0.2	1.1	0.3	55	0.41	0.076
203663	Soil	0.6	18.4	10.1	50	<0.1	16.6	8.1	396	2.39	8.4	0.7	7.4	2.7	25	0.1	1.0	0.2	57	0.39	0.085
203664	Soil	1.1	19.1	11.4	44	<0.1	12.6	7.7	444	2.38	6.2	0.9	2.0	1.0	25	0.2	1.7	0.2	65	0.32	0.066
203665	Soil	1.1	19.1	12.8	55	0.1	15.1	8.3	391	2.86	10.1	0.8	4.0	1.1	16	0.1	1.0	0.2	71	0.18	0.067
203666	Soil	1.3	29.4	22.8	86	0.1	24.4	13.6	1229	3.92	18.2	1.5	3.4	3.7	26	0.3	2.2	0.4	83	0.29	0.108
203667	Soil	1.1	18.2	14.8	57	0.1	15.7	8.3	566	2.56	12.6	0.7	15.8	0.6	21	0.2	1.2	0.3	64	0.21	0.081
203668	Soil	1.2	51.4	32.1	81	0.2	24.6	13.8	845	3.90	33.0	1.1	7.8	3.3	33	0.2	2.2	0.7	93	0.37	0.075
203669	Soil	1.1	21.1	11.2	50	0.1	16.7	9.0	513	2.68	35.3	0.7	19.6	1.5	19	<0.1	1.7	0.7	63	0.23	0.061
203670	Soil	1.7	36.8	14.6	62	0.1	17.7	16.6	1121	4.04	71.3	0.8	8.4	1.6	26	0.1	5.7	0.2	88	0.34	0.086
203671	Soil	0.9	40.1	9.8	64	<0.1	19.3	13.0	725	3.23	57.0	0.5	19.7	2.8	26	0.1	2.9	0.2	70	0.42	0.113
203672	Soil	0.7	27.4	9.0	60	<0.1	20.5	11.4	548	2.96	21.8	0.6	3.5	3.0	23	<0.1	0.8	0.2	66	0.30	0.086
203673	Soil	1.2	81.3	72.2	79	<0.1	14.9	7.2	456	2.32	24.4	0.8	2.3	1.0	15	0.6	2.0	0.3	57	0.20	0.062



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
203644	Soil	16	20	0.44	90	0.053	1	1.65	0.017	0.06	0.2	0.07	5.3	<0.1	<0.05	7	<0.5	<0.2
203645	Soil	14	22	0.46	91	0.055	1	1.35	0.018	0.04	0.2	0.13	4.2	<0.1	<0.05	5	<0.5	<0.2
203646	Soil	12	25	0.26	118	0.027	1	1.24	0.015	0.03	0.1	0.10	3.7	0.1	0.11	5	<0.5	<0.2
203647	Soil	13	21	0.43	80	0.055	<1	1.56	0.012	0.05	0.3	0.13	3.8	<0.1	<0.05	5	<0.5	<0.2
203648	Soil	13	21	0.41	100	0.058	<1	1.54	0.013	0.04	0.4	0.15	4.1	<0.1	<0.05	6	<0.5	<0.2
203649	Soil	23	33	0.61	122	0.065	2	1.54	0.016	0.08	0.3	0.17	7.5	<0.1	<0.05	6	<0.5	<0.2
203650	Soil	15	27	0.45	91	0.065	2	1.31	0.011	0.07	0.2	0.07	3.8	0.1	<0.05	5	<0.5	<0.2
203651	Soil	17	25	0.42	107	0.043	2	1.45	0.011	0.07	0.3	0.07	4.8	0.1	<0.05	6	<0.5	<0.2
203652	Soil	19	27	0.55	78	0.062	1	1.57	0.013	0.07	0.3	0.05	4.7	<0.1	<0.05	6	<0.5	<0.2
203653	Soil	37	21	0.39	91	0.026	1	1.53	0.014	0.08	0.6	0.43	8.2	<0.1	<0.05	7	<0.5	<0.2
203654	Soil	20	32	0.52	171	0.046	2	2.02	0.011	0.09	0.3	0.62	9.7	0.2	<0.05	7	<0.5	<0.2
203655	Soil	18	26	0.72	115	0.040	1	1.90	0.011	0.09	0.2	0.51	9.6	0.1	<0.05	7	<0.5	<0.2
203656	Soil	10	27	0.42	63	0.043	2	1.49	0.011	0.06	0.2	0.10	2.7	0.1	0.07	7	<0.5	<0.2
203657	Soil	10	22	0.41	65	0.049	2	1.20	0.009	0.07	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
203658	Soil	10	22	0.37	80	0.027	2	1.24	0.009	0.06	0.2	0.06	2.5	<0.1	0.06	6	<0.5	<0.2
203659	Soil	9	25	0.45	87	0.028	2	1.40	0.010	0.08	0.2	0.06	2.1	<0.1	0.07	5	<0.5	<0.2
203660	Soil	40	26	0.49	167	0.016	2	1.89	0.014	0.07	0.2	0.23	4.3	0.1	0.12	6	<0.5	<0.2
203661	Soil	16	17	0.21	94	0.033	2	0.82	0.016	0.05	0.2	0.08	2.1	<0.1	0.07	4	<0.5	<0.2
203662	Soil	16	23	0.48	126	0.040	2	1.34	0.013	0.08	0.2	0.06	4.3	<0.1	<0.05	4	<0.5	<0.2
203663	Soil	17	25	0.54	112	0.061	2	1.46	0.013	0.08	0.2	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
203664	Soil	17	22	0.38	104	0.039	2	1.25	0.016	0.05	0.3	0.06	4.0	<0.1	<0.05	5	<0.5	<0.2
203665	Soil	14	27	0.51	66	0.052	2	1.65	0.010	0.08	0.2	0.06	3.0	0.1	<0.05	6	<0.5	<0.2
203666	Soil	26	37	0.66	185	0.050	2	2.37	0.012	0.12	0.3	0.07	7.8	0.2	<0.05	7	<0.5	<0.2
203667	Soil	10	26	0.45	86	0.045	2	1.41	0.012	0.08	0.2	0.09	2.6	<0.1	0.07	6	<0.5	<0.2
203668	Soil	27	37	0.81	190	0.051	2	2.53	0.013	0.11	0.3	0.24	10.5	0.1	<0.05	8	<0.5	<0.2
203669	Soil	14	26	0.51	86	0.053	2	1.54	0.011	0.08	0.3	0.17	4.3	0.1	<0.05	5	<0.5	<0.2
203670	Soil	18	25	0.54	158	0.016	2	1.86	0.009	0.09	0.3	0.20	8.2	0.1	<0.05	6	<0.5	<0.2
203671	Soil	15	25	0.56	90	0.054	2	1.53	0.013	0.07	0.3	0.34	6.6	<0.1	<0.05	5	<0.5	<0.2
203672	Soil	17	31	0.58	89	0.071	2	1.97	0.012	0.09	0.2	0.05	5.9	0.1	<0.05	6	<0.5	<0.2
203673	Soil	13	23	0.33	86	0.046	2	1.20	0.011	0.06	0.2	0.08	2.6	0.1	<0.05	5	<0.5	<0.2

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.



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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
203674	Soil	1.0	90.7	94.5	90	<0.1	15.4	7.3	491	2.35	26.0	0.8	9.3	1.2	15	0.6	2.3	0.3	57	0.22	0.068
203675	Soil	0.7	30.4	18.2	69	<0.1	64.9	18.7	856	3.68	14.7	1.0	5.1	5.1	38	0.1	2.0	0.2	71	0.57	0.081
203676	Soil	1.5	27.7	12.5	51	0.1	14.8	8.7	361	2.88	9.7	0.5	2.6	0.3	34	<0.1	2.2	0.2	81	0.40	0.098
203677	Soil	1.3	27.7	9.5	43	0.1	11.4	7.7	414	2.40	6.1	0.6	3.0	0.4	36	<0.1	0.6	0.2	65	0.44	0.099
203678	Soil	1.4	28.7	17.5	96	0.3	20.8	12.0	722	4.42	11.9	1.6	60.2	3.5	44	<0.1	2.1	2.0	91	0.85	0.116
203679	Soil	0.7	15.0	8.3	51	<0.1	13.5	6.5	306	2.27	5.6	0.9	7.7	4.7	26	<0.1	0.6	0.1	58	0.47	0.092
203680	Soil	1.2	15.4	14.9	90	<0.1	12.7	10.0	1016	3.63	8.2	1.3	6.4	5.7	20	0.1	1.6	0.4	59	0.33	0.076
203681	Soil	0.9	11.9	26.4	57	<0.1	14.2	10.1	883	2.95	11.9	1.4	43.1	5.5	25	<0.1	1.7	0.2	58	0.29	0.079
203682	Soil	0.6	40.6	7.5	50	<0.1	19.0	11.7	553	2.68	8.1	0.6	11.7	3.2	18	<0.1	0.4	0.2	55	0.35	0.092
203683	Soil	0.7	41.3	9.2	58	<0.1	17.8	12.2	669	3.22	7.7	0.7	8.7	1.3	17	<0.1	0.4	0.2	73	0.20	0.065
203684	Soil	1.1	24.0	9.9	55	<0.1	17.0	9.4	498	3.17	8.3	0.6	3.6	0.8	14	0.1	0.5	0.2	76	0.15	0.051
203685	Soil	1.0	24.4	15.2	66	<0.1	13.0	10.0	935	3.10	9.5	0.7	26.0	1.3	25	0.2	0.4	0.4	60	0.36	0.091
203686	Soil	0.5	18.5	8.9	57	<0.1	15.5	9.2	492	2.60	8.1	0.6	19.2	2.4	22	0.1	0.4	0.2	62	0.29	0.070
203687	Soil	1.2	23.9	12.0	60	0.1	18.1	10.1	636	3.11	7.3	0.7	6.8	0.6	28	0.1	0.5	0.2	76	0.26	0.102
203688	Soil	1.2	20.5	9.4	55	<0.1	13.2	8.9	575	3.17	6.2	0.6	2.8	0.3	24	<0.1	0.6	0.2	84	0.21	0.085
203689	Soil	0.8	26.6	8.8	66	<0.1	21.1	12.4	568	3.36	10.9	0.7	10.4	2.6	29	<0.1	0.5	0.2	77	0.30	0.077
203690	Soil	1.6	16.4	12.7	55	<0.1	17.5	7.8	449	2.95	9.1	0.7	2.0	1.4	14	<0.1	1.4	0.2	69	0.14	0.046
203691	Soil	0.8	13.3	11.2	54	<0.1	14.9	7.3	612	2.42	10.4	0.9	3.6	3.1	18	0.1	0.8	0.1	47	0.28	0.071
203692	Soil	1.3	17.7	13.3	65	<0.1	14.6	9.0	652	3.29	10.1	1.2	7.3	2.6	21	<0.1	1.1	0.2	72	0.32	0.106
203693	Soil	0.6	15.8	6.4	43	<0.1	14.9	7.2	304	2.09	6.4	0.6	15.0	3.3	20	<0.1	0.6	0.2	51	0.35	0.076
203694	Soil	0.8	18.8	6.4	32	<0.1	8.9	4.4	200	1.72	4.5	0.6	10.2	0.2	19	<0.1	0.7	0.2	47	0.25	0.085
203695	Soil	0.7	21.4	6.7	55	<0.1	14.5	7.3	403	2.40	7.1	0.7	19.7	2.2	23	0.2	0.7	0.2	59	0.41	0.119
203696	Soil	0.1	6.8	0.6	5	<0.1	1.3	1.0	48	0.34	0.6	0.2	0.5	0.2	8	<0.1	<0.1	<0.1	11	0.09	0.034
203697	Soil	0.2	12.8	7.5	39	<0.1	9.7	4.3	154	1.08	1.1	0.6	39.7	3.5	18	0.2	0.8	0.2	34	0.37	0.093
203698	Soil	0.3	14.4	6.9	44	<0.1	9.5	7.0	324	1.97	3.1	0.5	20.0	2.4	18	0.1	0.5	0.1	43	0.31	0.081
203699	Soil	0.2	10.6	8.7	42	<0.1	10.1	4.9	176	1.22	1.5	0.6	6.9	3.7	20	0.1	0.6	0.1	46	0.33	0.067
203700	Soil	0.3	13.9	10.6	55	<0.1	12.2	7.0	278	1.90	2.9	0.7	5.5	4.2	24	0.1	0.8	0.1	63	0.41	0.091
203701	Soil	0.3	9.0	9.8	47	<0.1	12.1	7.1	279	2.19	2.5	0.5	4.0	3.2	24	<0.1	0.9	0.1	47	0.40	0.091
203702	Soil	0.3	13.0	12.6	60	<0.1	13.1	8.1	281	2.75	6.0	0.8	20.3	5.1	24	<0.1	2.0	0.2	80	0.41	0.093
203703	Soil	0.7	17.1	13.4	63	<0.1	16.1	8.0	245	2.10	2.5	0.9	3.0	4.8	26	0.2	0.9	0.1	74	0.44	0.091



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
203674	Soil	14	24	0.35	87	0.047	2	1.25	0.011	0.06	0.2	0.07	2.8	0.1	<0.05	5	<0.5	<0.2
203675	Soil	22	85	1.43	325	0.063	2	2.32	0.020	0.09	0.4	0.46	9.8	<0.1	<0.05	6	<0.5	<0.2
203676	Soil	18	26	0.35	93	0.033	2	0.98	0.014	0.04	0.2	0.07	3.4	<0.1	0.08	6	<0.5	<0.2
203677	Soil	32	19	0.33	107	0.036	2	1.08	0.016	0.04	0.1	0.08	3.4	<0.1	0.08	5	<0.5	<0.2
203678	Soil	49	35	0.63	236	0.018	2	2.33	0.016	0.09	0.2	0.18	10.9	0.1	0.09	8	<0.5	<0.2
203679	Soil	22	24	0.46	112	0.058	1	1.15	0.018	0.07	0.3	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
203680	Soil	53	20	0.38	247	0.029	2	1.26	0.013	0.08	0.3	0.06	9.3	<0.1	<0.05	4	<0.5	<0.2
203681	Soil	25	25	0.40	184	0.030	2	1.31	0.012	0.08	0.2	0.07	6.1	<0.1	<0.05	4	<0.5	<0.2
203682	Soil	14	25	0.55	103	0.064	1	1.51	0.016	0.08	0.3	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
203683	Soil	16	27	0.68	93	0.038	1	2.07	0.013	0.06	0.3	0.03	4.9	<0.1	<0.05	7	<0.5	<0.2
203684	Soil	14	29	0.58	78	0.037	1	1.98	0.009	0.07	0.2	0.04	3.1	0.1	<0.05	8	<0.5	<0.2
203685	Soil	20	21	0.49	174	0.013	1	1.67	0.010	0.09	0.2	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
203686	Soil	14	23	0.55	122	0.056	1	1.59	0.014	0.06	0.3	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
203687	Soil	13	28	0.67	85	0.038	2	1.91	0.017	0.07	0.1	0.07	3.2	<0.1	0.08	7	<0.5	<0.2
203688	Soil	10	23	0.57	73	0.033	1	1.70	0.015	0.05	0.1	0.06	2.4	<0.1	0.07	8	<0.5	<0.2
203689	Soil	18	33	0.78	101	0.064	2	2.37	0.013	0.08	0.2	0.04	6.9	0.1	<0.05	7	<0.5	<0.2
203690	Soil	11	31	0.48	77	0.057	2	1.75	0.010	0.07	0.2	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
203691	Soil	16	24	0.42	160	0.051	1	1.36	0.013	0.07	0.2	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
203692	Soil	21	28	0.48	205	0.019	2	1.59	0.010	0.08	0.2	0.06	6.3	<0.1	0.06	6	<0.5	<0.2
203693	Soil	13	23	0.45	94	0.064	1	1.06	0.015	0.07	0.2	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
203694	Soil	10	15	0.20	73	0.025	1	0.86	0.019	0.04	0.2	0.05	1.3	<0.1	0.08	4	<0.5	<0.2
203695	Soil	15	24	0.46	94	0.051	1	1.23	0.015	0.06	0.2	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
203696	Soil	3	2	0.03	17	0.020	<1	0.33	0.034	0.02	<0.1	0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
203697	Soil	13	19	0.41	75	0.055	<1	1.10	0.012	0.05	0.2	0.05	3.3	<0.1	<0.05	4	<0.5	<0.2
203698	Soil	11	19	0.42	84	0.032	1	1.44	0.010	0.05	0.1	0.05	3.7	<0.1	<0.05	5	<0.5	<0.2
203699	Soil	14	22	0.46	72	0.058	<1	1.33	0.011	0.04	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
203700	Soil	16	25	0.59	69	0.070	<1	1.47	0.014	0.06	0.2	0.07	5.3	<0.1	<0.05	5	<0.5	<0.2
203701	Soil	12	23	0.52	74	0.068	1	1.41	0.014	0.06	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
203702	Soil	14	27	0.56	85	0.061	1	1.76	0.013	0.06	0.3	0.22	6.4	<0.1	<0.05	6	<0.5	<0.2
203703	Soil	20	32	0.58	106	0.074	1	1.50	0.017	0.07	0.2	0.08	6.5	<0.1	<0.05	5	<0.5	<0.2

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  
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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
203704	Soil	0.3	12.0	8.5	43	<0.1	10.9	5.2	153	1.47	2.2	0.6	4.4	3.4	19	0.1	0.6	0.1	52	0.28	0.062
203705	Soil	0.8	24.0	9.0	43	<0.1	10.5	6.2	377	1.99	4.7	0.7	4.6	0.3	23	<0.1	0.6	0.2	51	0.29	0.109
203706	Soil	0.7	19.7	7.3	57	<0.1	13.0	8.1	367	2.72	5.7	0.7	58.0	2.2	27	<0.1	0.8	0.2	72	0.47	0.112
203707	Soil	0.6	19.4	7.0	57	<0.1	12.6	8.2	358	2.68	5.7	0.7	20.4	2.1	26	<0.1	0.8	0.2	73	0.46	0.113
203708	Soil	1.0	21.5	10.0	58	0.1	17.3	8.1	459	2.55	7.1	0.9	75.3	1.6	28	0.1	0.6	0.6	62	0.44	0.086
201811	Soil	1.4	25.9	15.8	79	<0.1	13.1	15.5	1253	3.97	14.0	1.4	6.0	4.4	53	0.2	5.8	0.3	93	0.89	0.238
203591	Soil	0.6	24.2	14.5	79	<0.1	12.7	9.2	299	3.12	23.4	1.0	9.2	3.4	42	<0.1	3.4	0.3	84	0.51	0.149



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
203704	Soil	13	23	0.44	80	0.066	<1	1.42	0.012	0.04	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
203705	Soil	13	18	0.33	110	0.022	1	1.16	0.019	0.04	0.1	0.03	2.0	<0.1	0.09	5	<0.5	<0.2
203706	Soil	15	24	0.49	116	0.048	1	1.41	0.016	0.05	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
203707	Soil	14	23	0.50	117	0.046	1	1.38	0.015	0.05	0.2	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
203708	Soil	17	28	0.47	160	0.046	2	1.42	0.017	0.07	0.2	0.04	3.9	<0.1	0.06	5	<0.5	<0.2
201811	Soil	34	23	0.62	157	0.026	1	1.71	0.016	0.07	0.6	0.50	10.6	<0.1	<0.05	7	<0.5	<0.2
203591	Soil	23	27	0.53	85	0.050	1	1.68	0.012	0.06	0.4	0.38	8.5	0.2	<0.05	6	<0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
201749	Soil	0.6	21.4	7.1	59	<0.1	12.3	7.8	464	2.54	18.9	0.8	3.3	1.5	26	<0.1	2.2	0.2	65	0.36	0.074
REP 201749	QC	0.6	21.2	7.1	58	<0.1	12.3	7.8	468	2.54	19.3	0.8	2.6	1.5	26	<0.1	2.2	0.2	65	0.35	0.074
201785	Soil	0.8	23.5	16.4	57	<0.1	15.4	9.4	456	2.87	13.6	0.7	5.5	2.1	27	<0.1	2.1	0.2	68	0.30	0.082
REP 201785	QC	0.8	23.9	16.4	59	<0.1	15.6	9.4	464	2.94	13.9	0.7	2.2	2.0	27	<0.1	2.2	0.2	69	0.31	0.083
201822	Soil	1.0	40.2	18.0	45	0.2	8.3	7.4	726	2.43	6.4	1.2	1.6	0.9	41	<0.1	2.4	0.2	60	0.75	0.133
REP 201822	QC	1.0	40.2	17.8	46	0.2	8.4	7.6	736	2.43	6.5	1.2	1.8	0.9	42	<0.1	2.5	0.2	60	0.77	0.129
201858	Soil	1.4	33.9	23.2	73	0.2	16.9	15.1	1313	4.14	12.4	1.5	15.5	1.7	35	0.2	3.7	0.6	87	0.46	0.160
REP 201858	QC	1.3	34.1	24.6	76	0.2	17.2	15.3	1347	4.22	12.6	1.6	12.2	1.7	35	0.2	3.8	0.6	90	0.48	0.165
203579	Soil	0.9	26.4	16.9	63	0.1	17.8	9.2	492	2.55	32.9	0.9	5.3	1.6	25	0.2	1.5	0.2	60	0.30	0.083
REP 203579	QC	0.9	26.7	17.1	64	0.1	17.9	9.3	496	2.54	32.8	0.9	4.2	1.6	25	0.2	1.5	0.2	61	0.30	0.082
203616	Soil	0.6	12.1	7.6	56	<0.1	9.0	9.8	792	2.60	6.2	0.8	12.5	1.7	36	0.1	0.9	0.2	64	0.50	0.131
REP 203616	QC	0.6	12.5	7.7	58	<0.1	9.0	10.0	822	2.63	6.6	0.8	43.0	1.7	36	0.1	0.9	0.2	65	0.50	0.131
203652	Soil	1.0	32.6	12.6	59	<0.1	19.0	10.7	548	2.77	11.9	0.6	3.3	3.0	22	0.2	1.7	0.2	65	0.36	0.102
REP 203652	QC	1.0	31.9	11.8	58	<0.1	18.6	10.5	536	2.73	11.7	0.6	3.8	3.0	22	0.2	1.6	0.2	65	0.35	0.101
203688	Soil	1.2	20.5	9.4	55	<0.1	13.2	8.9	575	3.17	6.2	0.6	2.8	0.3	24	<0.1	0.6	0.2	84	0.21	0.085
REP 203688	QC	1.2	20.6	9.9	55	<0.1	13.4	8.8	565	3.13	6.2	0.6	2.2	0.3	24	<0.1	0.6	0.2	83	0.21	0.086
201811	Soil	1.4	25.9	15.8	79	<0.1	13.1	15.5	1253	3.97	14.0	1.4	6.0	4.4	53	0.2	5.8	0.3	93	0.89	0.238
REP 201811	QC	1.4	26.1	16.2	80	<0.1	13.1	15.4	1250	3.96	13.8	1.4	7.2	4.4	53	0.2	5.6	0.3	93	0.88	0.235
Reference Materials																					
STD BVGEO01	Standard	11.0	4161.3	177.8	1592	2.6	165.3	25.1	712	3.74	113.5	3.7	231.6	14.0	56	5.9	2.8	21.7	76	1.35	0.069
STD BVGEO01	Standard	10.8	4293.9	184.0	1684	2.5	168.9	25.4	756	3.92	116.5	3.7	208.8	13.8	58	6.0	3.6	23.4	79	1.40	0.072
STD BVGEO01	Standard	10.6	4353.6	185.9	1684	2.5	167.7	25.3	763	3.90	116.0	3.7	211.0	13.6	56	6.0	3.1	23.7	80	1.37	0.072
STD BVGEO01	Standard	10.8	4392.3	182.2	1652	2.5	168.8	25.6	770	3.98	114.1	3.6	209.3	13.6	58	5.9	3.1	23.5	80	1.40	0.071
STD DS11	Standard	15.2	143.9	131.6	329	1.7	81.9	14.1	1024	3.14	42.6	2.6	93.9	7.6	66	2.1	8.3	10.3	51	1.06	0.064
STD DS11	Standard	14.4	142.1	131.5	333	1.8	79.3	13.7	955	3.08	42.3	2.5	80.1	7.3	63	2.2	7.9	10.6	49	1.02	0.066
STD DS11	Standard	13.9	151.5	134.5	354	1.8	81.6	13.9	1084	3.27	43.3	2.5	63.8	7.3	67	2.3	8.5	11.5	53	1.08	0.071
STD DS11	Standard	14.5	141.1	129.4	327	1.7	79.6	13.6	995	3.11	41.2	2.5	64.7	7.3	63	2.1	7.6	10.1	49	1.03	0.063
STD DS11	Standard	14.7	142.0	132.7	326	1.8	80.6	14.0	1000	3.09	41.7	2.6	81.2	7.5	63	2.1	8.3	10.4	50	1.03	0.066



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
201749	Soil	18	22	0.51	149	0.032	1	1.36	0.012	0.06	0.4	0.16	5.4	<0.1	<0.05	6	<0.5	<0.2
REP 201749	QC	18	22	0.51	151	0.033	1	1.37	0.012	0.06	0.4	0.14	5.4	<0.1	<0.05	6	<0.5	<0.2
201785	Soil	18	28	0.60	100	0.045	1	1.57	0.010	0.07	0.4	0.29	5.6	<0.1	<0.05	6	<0.5	<0.2
REP 201785	QC	18	28	0.61	98	0.042	1	1.61	0.010	0.07	0.4	0.20	5.6	<0.1	<0.05	6	<0.5	<0.2
201822	Soil	67	15	0.40	164	0.011	1	1.52	0.021	0.04	0.3	0.15	4.6	<0.1	0.11	5	<0.5	<0.2
REP 201822	QC	68	15	0.40	165	0.011	1	1.54	0.021	0.04	0.3	0.16	4.7	<0.1	0.11	5	<0.5	<0.2
201858	Soil	31	34	0.64	202	0.029	2	2.12	0.013	0.07	0.5	0.16	7.6	0.1	0.10	7	<0.5	<0.2
REP 201858	QC	32	35	0.65	211	0.030	2	2.19	0.013	0.08	0.5	0.16	7.9	0.1	0.10	7	<0.5	<0.2
203579	Soil	15	28	0.51	119	0.047	1	1.60	0.013	0.07	0.2	0.08	4.5	0.1	<0.05	6	<0.5	<0.2
REP 203579	QC	15	28	0.51	119	0.048	1	1.61	0.013	0.07	0.2	0.09	4.5	0.1	<0.05	6	<0.5	<0.2
203616	Soil	14	17	0.45	92	0.039	1	1.33	0.016	0.04	0.2	0.06	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 203616	QC	15	18	0.45	94	0.040	1	1.34	0.016	0.04	0.2	0.07	4.7	<0.1	<0.05	5	<0.5	<0.2
203652	Soil	19	27	0.55	78	0.062	1	1.57	0.013	0.07	0.3	0.05	4.7	<0.1	<0.05	6	<0.5	<0.2
REP 203652	QC	18	26	0.54	75	0.061	1	1.55	0.012	0.07	0.3	0.04	4.6	<0.1	<0.05	6	<0.5	<0.2
203688	Soil	10	23	0.57	73	0.033	1	1.70	0.015	0.05	0.1	0.06	2.4	<0.1	0.07	8	<0.5	<0.2
REP 203688	QC	10	23	0.56	73	0.033	1	1.68	0.016	0.05	0.1	0.05	2.4	<0.1	0.07	8	<0.5	<0.2
201811	Soil	34	23	0.62	157	0.026	1	1.71	0.016	0.07	0.6	0.50	10.6	<0.1	<0.05	7	<0.5	<0.2
REP 201811	QC	34	23	0.63	161	0.026	1	1.76	0.016	0.07	0.6	0.41	10.5	<0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD BVGEO01	Standard	25	193	1.32	263	0.227	4	2.35	0.196	0.87	4.6	0.09	5.9	0.6	0.76	8	4.8	0.9
STD BVGEO01	Standard	26	195	1.38	270	0.234	4	2.40	0.199	0.91	4.9	0.09	6.4	0.6	0.81	7	4.7	1.1
STD BVGEO01	Standard	25	185	1.35	253	0.233	3	2.34	0.195	0.90	4.8	0.10	6.2	0.6	0.78	7	4.6	1.0
STD BVGEO01	Standard	26	202	1.38	268	0.245	4	2.42	0.201	0.92	4.8	0.10	6.6	0.6	0.78	7	4.4	1.0
STD DS11	Standard	18	60	0.85	355	0.091	7	1.16	0.071	0.39	3.0	0.25	3.2	5.2	0.31	5	2.3	4.8
STD DS11	Standard	17	58	0.84	342	0.085	7	1.11	0.069	0.38	2.8	0.26	3.1	5.1	0.31	5	2.3	4.5
STD DS11	Standard	18	62	0.88	357	0.092	7	1.17	0.073	0.41	3.0	0.26	3.2	4.9	0.34	5	2.3	4.8
STD DS11	Standard	17	58	0.83	347	0.089	7	1.13	0.068	0.37	3.0	0.25	3.1	5.0	0.31	5	2.4	4.7
STD DS11	Standard	17	58	0.84	346	0.086	7	1.13	0.068	0.38	2.8	0.28	3.1	5.1	0.31	5	2.3	4.6



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# QUALITY CONTROL REPORT

WHI20000294.1

		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD DS11	Standard	14.4	147.3	130.6	343	1.7	81.2	13.7	1059	3.25	40.1	2.5	74.9	7.3	67	2.2	8.5	11.1	52	1.08	0.068
STD OREAS262	Standard	0.7	104.5	51.8	141	0.5	61.9	26.3	502	3.08	32.6	1.1	72.5	8.6	31	0.5	5.2	0.9	22	2.70	0.034
STD OREAS262	Standard	0.7	111.8	55.2	153	0.5	66.4	27.9	514	3.34	36.5	1.2	66.4	9.0	35	0.6	5.0	1.0	23	2.92	0.038
STD OREAS262	Standard	0.7	115.9	54.8	150	0.5	65.8	28.0	568	3.46	35.7	1.2	62.6	8.6	36	0.6	5.1	1.0	23	3.08	0.040
STD OREAS262	Standard	0.7	111.9	55.4	149	0.5	65.9	27.8	541	3.37	35.6	1.2	61.3	9.2	34	0.6	4.8	0.9	23	2.93	0.037
STD OREAS262	Standard	0.7	110.0	55.0	149	0.5	65.7	28.1	533	3.30	35.2	1.2	72.2	9.1	34	0.6	5.8	0.9	23	2.88	0.037
STD OREAS262	Standard	0.7	112.7	56.2	151	0.5	67.3	28.5	546	3.38	35.8	1.2	67.2	9.3	35	0.6	4.9	0.9	24	2.96	0.038
STD OREAS262	Standard	0.7	111.2	53.6	146	0.5	64.5	26.8	555	3.40	34.7	1.1	66.8	8.4	36	0.6	5.8	0.9	22	3.01	0.038
STD OREAS262	Standard	0.7	116.7	55.3	149	0.5	65.5	28.4	568	3.44	35.1	1.2	60.1	8.9	35	0.6	4.6	1.0	23	3.08	0.039
STD OREAS262	Standard	0.7	112.9	53.4	147	0.5	65.1	27.3	554	3.38	33.3	1.1	66.3	8.6	35	0.6	5.6	0.9	23	3.01	0.039
STD OREAS262	Standard	0.7	114.9	53.9	150	0.5	65.6	28.0	575	3.45	34.0	1.1	57.3	8.8	36	0.6	4.8	0.9	23	3.14	0.039
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD BVGEO01 Expected		11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219	0.0727
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
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**Project:** Mount Vic  
**Report Date:** November 20, 2020

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# QUALITY CONTROL REPORT

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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS11	Standard	17	62	0.86	351	0.093	7	1.16	0.070	0.39	2.9	0.27	3.2	4.8	0.33	5	2.1	4.8
STD OREAS262	Standard	15	41	1.09	219	0.002	3	1.22	0.059	0.27	0.2	0.15	2.9	0.5	0.28	4	0.6	0.2
STD OREAS262	Standard	16	43	1.19	242	0.003	4	1.28	0.066	0.29	0.2	0.16	3.2	0.5	0.30	4	0.6	0.2
STD OREAS262	Standard	15	44	1.21	243	0.002	3	1.27	0.068	0.30	0.2	0.17	3.2	0.5	0.32	4	<0.5	0.2
STD OREAS262	Standard	16	44	1.20	241	0.003	4	1.33	0.066	0.30	0.2	0.17	3.3	0.5	0.31	4	0.7	0.2
STD OREAS262	Standard	15	43	1.18	237	0.002	3	1.26	0.064	0.28	0.2	0.17	3.2	0.5	0.30	4	0.7	0.2
STD OREAS262	Standard	16	45	1.20	248	0.003	4	1.37	0.066	0.31	0.2	0.17	3.3	0.5	0.31	4	0.6	0.2
STD OREAS262	Standard	14	44	1.19	238	0.002	3	1.27	0.068	0.30	0.2	0.16	3.1	0.5	0.32	4	<0.5	0.2
STD OREAS262	Standard	15	44	1.20	243	0.003	3	1.28	0.067	0.30	0.2	0.17	3.2	0.5	0.32	4	<0.5	0.2
STD OREAS262	Standard	15	44	1.19	240	0.002	3	1.29	0.066	0.30	0.2	0.16	3.2	0.5	0.31	4	<0.5	0.2
STD OREAS262	Standard	16	46	1.22	252	0.003	4	1.37	0.068	0.31	0.2	0.17	3.3	0.5	0.33	4	<0.5	0.2
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD BVGEO01 Expected		25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

**Appendix F: Personal Inspection by Independent Qualified Person**

Danièle Héon – P. Geo.  
12 Marigold Place  
Whitehorse, Yukon  
Canada Y1A 6A2

Cell: (867) 333-0510  
[danieleheon@gmail.com](mailto:danieleheon@gmail.com)  
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To: Mark Fekete -Breakaway Exploration Management Inc  
4281 rue St-Hubert  
Montréal, QC H2J 2W6

**Re: VIC Property Visit – August 31, 2020**

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**Memo**

At the request of Mark Fekete, of Breakaway Exploration Management Inc, the author visited the Mount VIC gold property on August 31, 2020 for the purpose of ground-truthing and sampling the known mineralization.

The Mount Vic property is located in the Mount Nansen area of southwest Yukon on NTS map sheet 115I/03, approximately 60 km west of the village of Carmacks, and 190 km (as the crow flies) northwest of Whitehorse. The property consists of a few non-contiguous claim blocks. Only the northern block, called the Vic block, was visited and is the subject of this memo. The centre of that northern block is located at approximately 62° 8.9' N Lat., 137° 10' W Long. The combined property consists of 173 unsurveyed claims and 7 surveyed leases registered in the Whitehorse mining district to Aurchem Exploration Ltd.

BIT 1-5	VIC 1, 3-6	WEDGE 1-10
BULL 3-8	VIC 7, 8, 9	WEDGE 15, 16-17
BULL 9-11, 13, 15	VIC 10-23	Leases:
J.D. 1-2	VIC 24, 25, 26	COURTLAND
JBF 1, 2-5, 7	VIC 27-32	HAZEL ANNE
JCS 4-18	VIC 33-50	IDA MAY
JCS 19-38	VIC 51, 52, 53, 54	MACK
JLZ 1	VIC 55-64	MYRTLE
LGCS 1, 3	VIC 71-74	RICCO
MSL	VIC 93-106	SUNSET
RAS 1 4	VIC 107-118	

The property is road accessible but, due to difficult driving conditions caused by high rainfall, the claim block was accessed by a helicopter chartered from Fireweed Helicopters in Whitehorse. After a delayed start due to morning fog, approximately six hours were spent on the property under cool, windy, and clear fall conditions.

Work consisted of sampling three historical trenches on the Vic claim block; these are L-Trench, Skyline, and Maverick trenches. This sampling located the flagging tape assumed to be from the original sampling and also resulted in the groundtruthing of previous Breakaway samples.



Epithermal-style gold mineralization is hosted near the contact between granitic body and Tertiary rhyolites. Most of the samples were of quartz veins and strongly silicified host granitic rock, some containing very fine grained sulphides assumed to be arsenopyrite. Vein orientation was documented where possible. One sample contained visible gold.

A total of 13 rock samples were taken over four main showing areas. Sample locations and descriptions are listed in a companion Excel spreadsheet (*Vic sample log property visit Aug 2020.xlsx*). Coordinates are provided in UTM NAD 27. Photographs are included in a separate file.

In addition to the trenches, several historical drill casings, drill pads, and RC drill cuttings were documented and photographed. The core storage area was located between the Skyline and Maverick trenches. The samples remain in the custody of the author until delivery to the laboratory.

<b>Trench</b>	<b>Sample Sequence</b>
L-Trench	Q050729 - 732
Skyline	Q050733 - 735
Maverick	Q050736 -741

Signed in Whitehorse

---

Danièle Héon, PGeo

### **Statement of Qualifications**

I, Danièle Héon, BSc, PGeo, with business and residence address in Whitehorse, Yukon, Canada, do hereby certify the following:

- I graduated from McGill University with a BSc degree in Geology in 1984.
- I am a Professional Geoscientist in good standing registered with Engineers and Geoscientists BC, registration number 38518.
- I have conducted the work described herein and I am the author of this memo.
- I am independent of Breakaway Expl and Management Inc and of Aurchem Resources Ltd. I have no interest in the Mount Vic property.
- This document is written as background information only and does not satisfy the requirements for NI-43-101 disclosure.