



Assessment Report

Describing unmanned aerial vehicle surveying, quantum direct matter indicator surveying and reverse circulation drilling at the

Sixty Mile Property

BK, CACHE, Glac, Jess, Paul, SM and Toni Claims

Latitude 64°02'N; Longitude 140°50'W; NTS 116C/02 and 115N/15

Dawson Mining District

Work performed from September 1 to 16, 2020

Craig Dunn, P.Geo.

February 26, 2021

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1 Summary

The Sixty Mile property comprises 192 mineral claims and covers an area of approximately 37.83 km². The property is road accessible and is located in the heart of the Sixty Mile River placer district, 70 km west of Dawson City, near the Yukon-Alaska border. This placer district has produced over 500,000 ounces of gold, making it the second most productive gold district in Yukon Territory. Hard rock potential on the Sixty Mile property consists of orogenic gold and intrusion, related low sulphidation epithermal and porphyry style mineralization.

Mineralization on the property is hosted within a weak porphyry system and structurally controlled zones along the Sixty Mile fault. Widely spaced, historical diamond drilling that targeted structurally controlled mineralization returned 132.9 g/t gold over 1.5 m with additional gold intercepts of: 1.64 g/t over 6.55 m, 19 g/t over 1.0 m, and 5.172 g/t over 1.0 m. Porphyry targets yielded 0.318 g/t gold over 58.28 m, 54 ppm molybdenum over 123.21 m, and 542 ppm copper and 41 ppm molybdenum over 271.27 m.

Assays from the 2020 drill program returned up to 2.12 g/t Gold over 1.5m, from part of a longer interval with a weighted average grade of 0.36 g/t Gold over 24.38 m. Drill intercepts also included results of 14.4 g/t Silver over 1.53m and 13.45 g/t Silver over 1.52m.

2 Introduction

The Sixty Mile property is located within the heart of the Sixty Mile River placer district. This district has produced more than 435,000 crude ounces of gold since 1892 (LeBarge, 2006). Hard rock potential on the Sixty Mile property consists of orogenic gold and intrusion related to low sulphidation epithermal and porphyry style mineralization. The property is owned 100% by Strategic Metals Ltd and is currently under option to SOAR Metals Canada Ltd., an affiliate of Integrative Technologies International Inc. ("ITI") which is contract operator for SOAR Metals Canada.

The 2020 exploration activities covered in this report include: Phase A, B, B1, and B1+ Quantum Direct Matter Indicator (QDMI) geophysics, unmanned aerial vehicle (UAV) scanning, and 306.3 m of reverse circulation (RC) drilling, which was performed from September 1 to 16. The author supervised and participated in the field program and interpreted all results from this work. The author's Statement of Qualifications can be found in Section 3 below, and a Statement of Expenditures is located in Appendix I.

3 Qualified Persons

I, Craig Dunn, P. Geol., do hereby certify that:

1. I reside at 11 Sierra Morena Close SW, Calgary, AB, Canada, T3H3G3.
2. I graduated with a B.Sc. degree in Geology Honors from the University of Manitoba in 2002.
3. I am a Registered Member of:
 - a. Engineers and Geoscientists British Columbia: License #37928.
 - b. APEGA: Association of Professional Engineers and Geoscientists (Alberta) #77567.
4. I have worked as a geologist for 18 years and have experience as an exploration geoscientist with WellDunn Consulting on projects throughout North America in diamond, oil and gas, mineral and high-temperature geothermal resource development.
5. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that, by reason of my education, affiliation with a professional association (as defined by NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person.”
6. A brief summary of my relevant experience with respect to being qualified to author this report is as follows:
 - I have worked on resource exploration projects throughout Eastern British Columbia,
 - I have worked on and led mineral exploration development projects throughout Western Canada, including gold and iron ore exploration zones in British Columbia, and previous precious metals programs in Yukon.
 - My extensive experience in geological exploration has focused on mineral and geothermal resources within fault structure-based environments and hydrothermal systems.
7. I am the primary author and am responsible for all the report titled "Sixty Mile Assessment Report" which has an effective date of Mar 25/2021.
8. I visited the Sixty Mile property September of 2020 with members of the WellDunn team to review the property geology and manage the drilling program.
9. I have worked with companies (ITI and SOAR Metals Canada) that are referenced in the Technical Report, I do not however own nor control a beneficial interest in the mineral properties that are the subject of this report nor any adjacent or nearby properties.
10. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report, the omission to disclose which makes the Technical Report misleading.
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.
12. At the effective date of this report and to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Dated this 26th day of February, 2021.

Sincerely,
Craig Dunn, P.Geol.
Principal, WellDunn Consulting Ltd.
e: craig@welldunn.ca
p: +1 (403) 461-8802

4 Property Description and Location

The Sixty Mile property is located within the heart of the Sixty Mile River district, approximately 75 km west of Dawson City. Accessing the property can be done through the Sixty Mile Road which runs south from kilometer 87 along the Top of the World Highway, known as Hwy 9, as seen in Figure 4-1 below.

The Sixty Mile property contains 191 mineral claims located west-central Yukon at latitude 64°02 north and longitude 140°50' west on NTS map sheet 116C/02 and 115N/15. The Sixty Mile claims total an area of approximately 3783 ha (37.83 km²). These claims are listed in Table 4-1, and shown in Figure 4-2. The claims are registered in the name of Archer Cathro & Associates (1981) Ltd., which holds them in trust for SOAR Metals Canada.

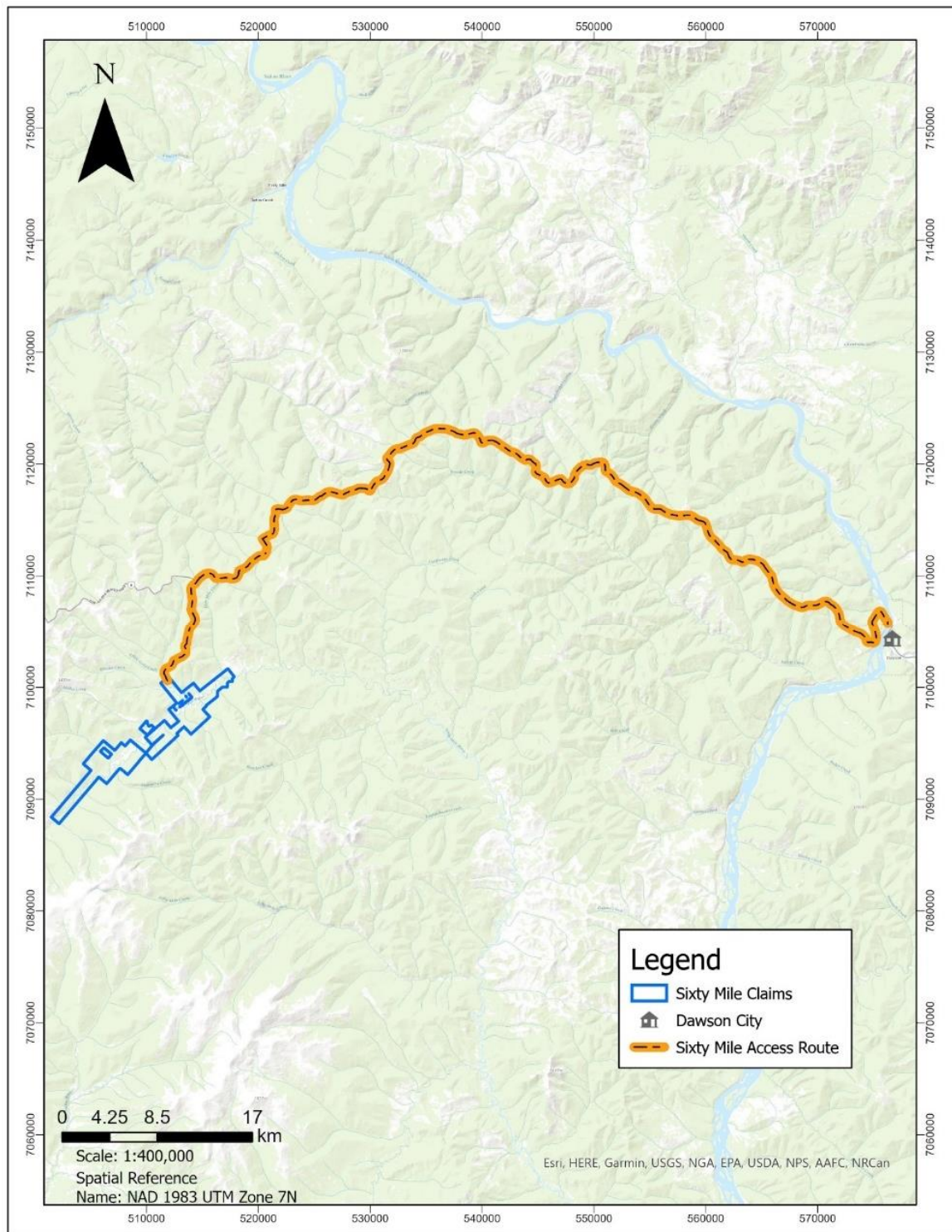


FIGURE 4-1: SIXTY MILE PROPERTY LOCATION

TABLE 4-1: SIXTY MILE CLAIMS

Grant Number	Claim Name	Expiry Date	Owner
YD17191 - YD17200	BK 191-200	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC95041 - YC95058	BK 201-218	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC95101 - YC95104	BK 219-222	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC95113 - YC95114	BK 231-232	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC95118 - YC95124	BK 236-242	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YD50635 - YD50648	CACHE 1-14	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YD50601 - YD50608	Glac 1-8	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC75983 - YC75986	Jess 1-4	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC27136 - YC27145	Paul 1-10	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YF59801 - YF59873	SM 1-73	Mar 31, 2024	Archer, Cathro & Associates (1981) Limited - 100%
YC27146 - YC27153	Toni 1-8	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC36199 - YC36204	Toni 9-14	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC44641 - YC44654	Toni 15-28	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YC76463 - YC76466	Toni 29-32	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%
YF44527 - YF44536	Toni 33-42	Mar 31, 2025	Archer, Cathro & Associates (1981) Limited - 100%

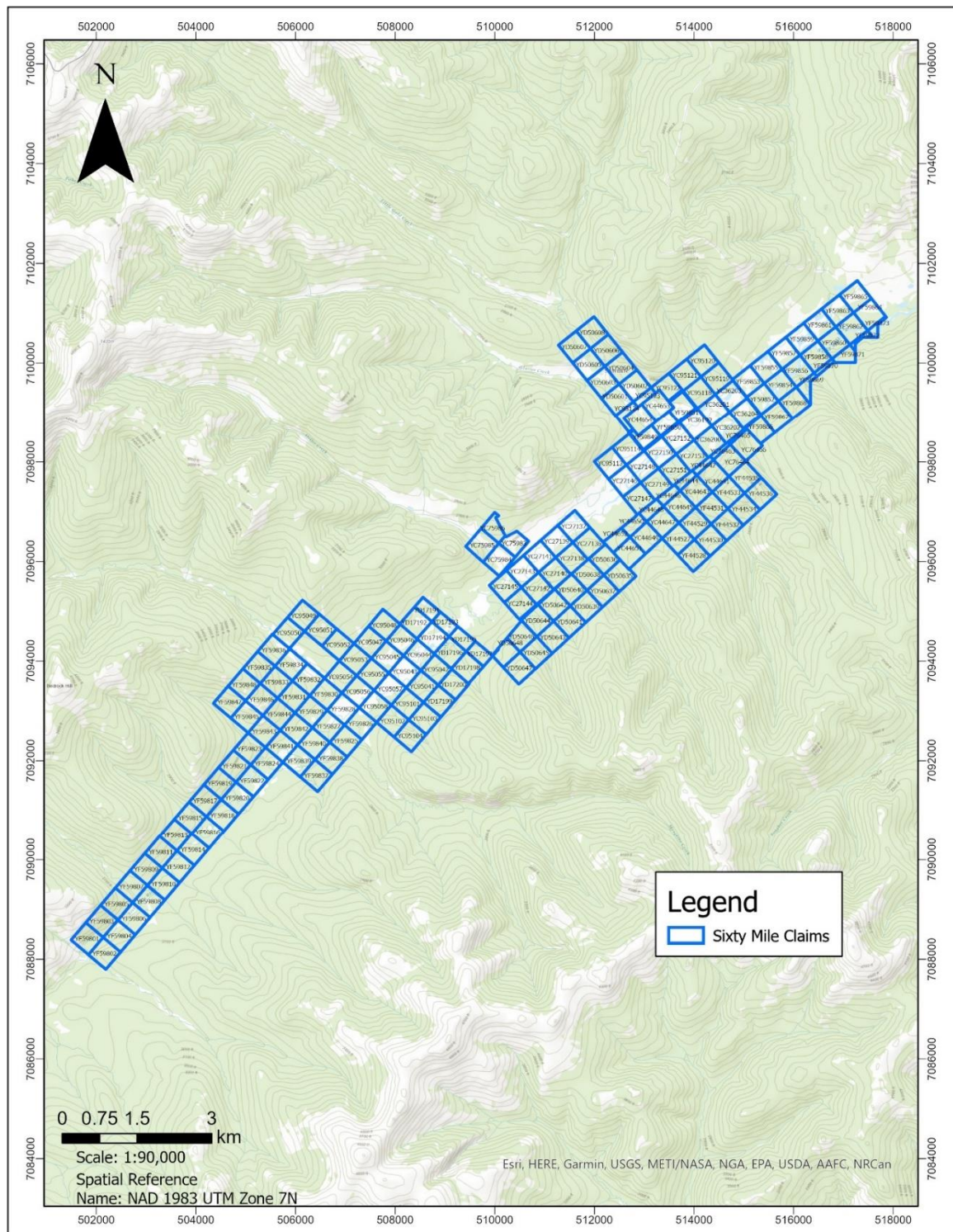


FIGURE 4-2: SIXTY MILE CLAIMS

5 Accessibility, Climate, Local Resources, Infrastructure and Physiography

5.1 Accessibility

The Sixty Mile Property is located approximately 75 km west of Dawson City. It is accessed via the Sixty Mile Road which runs south from kilometer 87 along Top of the World Highway (Hwy 9).

5.2 Climate

The climate at the Sixty Mile Property is typical for the northern latitudes of Canada. This implies long cold winters, abbreviated fall and springs and short tepid summers. Summers are warm; however, snowfall can occur at any time of the year.

5.3 Local Resources

The Sixty Mile property is located approximately 75 km west of Dawson City and is accessible by road.

5.4 Infrastructure

The Sixty Mile property lies in the heart of the Sixty Mile Placer Mining District. Road access is maintained to the property and is in good working order. An optimal location for a field camp can be found on an abandoned air strip in the valley bottom, which is close enough to the river for water access. Past exploration has been done on the Eastern side of the Sixty Mile River, which is accessed via a river crossing. Access to water can be found in most valley bottoms.

6 History

The Sixty Mile district has been explored for placer gold since its discovery on Miller Creek in 1892. From 1892-2005, the total placer gold production exceeded the recorded figure of 435,109 ounces won from the creeks (LeBarge, 2006). The bulk of the placer gold was mined from Miller, Glacier, Bedrock, Little Gold, Big Gold Creeks and the Sixty Mile River. Currently there are several placer operations still active in the area.

The hard rock exploration history of the Sixty Mile River area has been documented back to 1896 when the Miller galena occurrence (NTS Sheet 116C 019) was first located. This historical work is highlighted in the Yukon Geological Survey's (YGS) MINFILE database with descriptions of the event, most of which was done by Klondike Gold Mining Corporation and Kennecott Canada Exploration Inc. This History section only discusses

work conducted on the current Sixty Mile property, which covers the Per and Glasmacher occurrences and the Toni Zone.

The paragenesis and character of mineralization found in the Sixty Mile area is reported Ulrich Glasmacher's 1984 report (Glasmacher, 1984). Glasmacher oversaw an exploration program on the Per Occurrence in 1988, along with managing the diamond drill program for Klondike Gold Mining.

Mineralized veins in the Sixty Mile area were determined to fall into two categories, gold-rich and silver-rich, in the studies done by Glasmacher and Friedrich in 1992. The explorers also noted that the silver-rich veins are characterized by carbonate dominated gangue minerals (siderite, ankerite, dolomite and calcite) with abundant sphalerite and galena and minor components of pyrrhotite, arsenopyrite, chalcopyrite and marcasite. Whereas the gold-rich veins were associated with alteration of Carmacks Group andesites, mainly characterized by kaolinite-quartz-pyrite assemblages according to Glasmacher and Friedrich (Glasmacher and Friedrich, 1992).

In the year 2003, R. Hulstein staked the Paul 1-10 and Toni 1-8 claims and vended them to North American Gold Inc. (now Northland Resources Inc.). North American Gold initiated a small trenching program in 2003 to locate the surface trace of the Per vein structure, which was intersected by diamond drilling in 1988 by Klondike Gold Mining (Hulstein, 2003). A couple of years later in 2005 and 2006, Hulstein staked the Toni 9-28 claims and later again in 2008 he staked the Toni 29-32 claims.

Following that year, in 2009, the owner R. Hulstein optioned his Sixty Mile property which contained the Paul 1-10, Toni 1-8, 22 and 24, Jurt 1-4, Vance 1-5, Nike 11-13, Jess 1-4, Andrea 1-4, and SMF 3, 5, 8, 13 and 14 claims to Radius Gold Inc. The new owning company then staked the BK and ALI claims. No other events of field work were reported that year.

A year later, in 2010, Radius Gold reported additional stakes to the claims (Shy, Gabr, Bo, Cache, Mill, and DMR) to expand the Sixty Mile property. These additional claims brought the total number of claims to 915 owned and optioned. In addition, reports of soil sampling, excavator trenching, auger drilling, Controlled Source Audio – Frequency Magnetotelluric (CSAMT) geophysical surveying and two diamond drill holes totaling of 380.69 metres were being conducted on the property (Hulstein and Clark, 2011).

All of Radius Gold's Yukon properties were then transferred into Rackla Metals Inc., following the incorporation event in the year 2011. The wholly owned and optioned claims forming the Sixty Mile property were also transferred to Rackla Metals. A three-month program was conducted by Rackla Metals over its entire 915 claim package in the summer of 2011. In addition to the summer exploration program on the Sixty Mile property an extremely low frequency electromagnetic (ELF-EM) geophysical survey, auger drilling and

15 diamond drill holes totalling 3955.70 metres were reported as work being done that year (Hulstein, 2012). The results from this work are discussed in the Exploration sections below.

There are no reports of any follow-up work completed by Rackla Metals after the 2011 program. The optioned claims were then returned to R. Hulstein.

In June 2018, the claims BK 191-222, 231, 232, 236-242, Cache 1-14, Glac 1-8, Jess 1-4, Paul 1-10, and Toni 1-32 were then optioned by Strategic Metals Ltd. from R. Hulstein. The same year Strategic Metals staked the SM 1-73 claims.

In 2018, Strategic Metals Ltd. ran a one-day soil sampling program. 91 samples were collected, clustered in the southwest of the Toni Zone, to test for elevated gold geochemistry along the Sixty Mile fault (Israel, 2019). This was followed up in 2019 with two diamond drillholes in the Toni Zone. These holes were drilled to test for mineralization in the immediate vicinity of the Sixty Mile fault. Results from both of these programs are discussed in Section 9.

7 Geological Setting and Mineralization

7.1 Regional Geology

The Sixty Mile property is contained within a structural corridor that is defined by the geologic features known as the Sixty Mile fault, including a northeast striking, sinistral, strike-dip fault with step-over extensional zones found along its length. This fault feature runs to the southwest and into Alaska where it is locally known as the Pika fault. The Sixty Mile Pika fault structure is known to have several mineralization zones along its length and it seems that it is most likely the controlling mechanism for many of the Late Cretaceous aged mineralizing systems that are discovered within the region (Allan et al., 2013).

The regional bedrock geology surrounding the Sixty Mile property is made up of the Yukon Tanana Terrane (YTT) that contains metamorphosed allochthonous arc rocks. These rocks were accreted to the Laurentian margin in the Late Permian period (Beranek and Mortensen, 2011). As time passed, these rocks went through a series of deformation, metamorphism and structurally interlayered with oceanic rocks of the Slide Mountain Terrane and Triassic clastic rocks during the Early Jurassic deformation events.

A Devonian to Mississippian Finlayson assemblage makes up the majority of the YTT rocks that fall in the region, as seen below in Figure 7-1. They are divided into a lower package of amphibolite and garnet amphibolite (DMF1) and an upper package of carbonaceous quartzite, mica-quartz schist, black phyllite and minor marble (DMF3). Covering these

rocks, a layer of mafic to intermediate volcanoclastic rocks of Mississippian to Permian period along with minor alkalic basalt, marble, and meta-conglomerate of the Klinkit assemblage and Permian mafic to felsic metavolcanic rocks of the Klondike assemblage. As you head south, the YTT rocks enter a fault contact zone with undivided Ordovician to Late Devonian parautochthonous assemblages that include psammitic, phyllitic and carbonaceous schist, felsic to mafic metavolcanic rocks and minor marble.

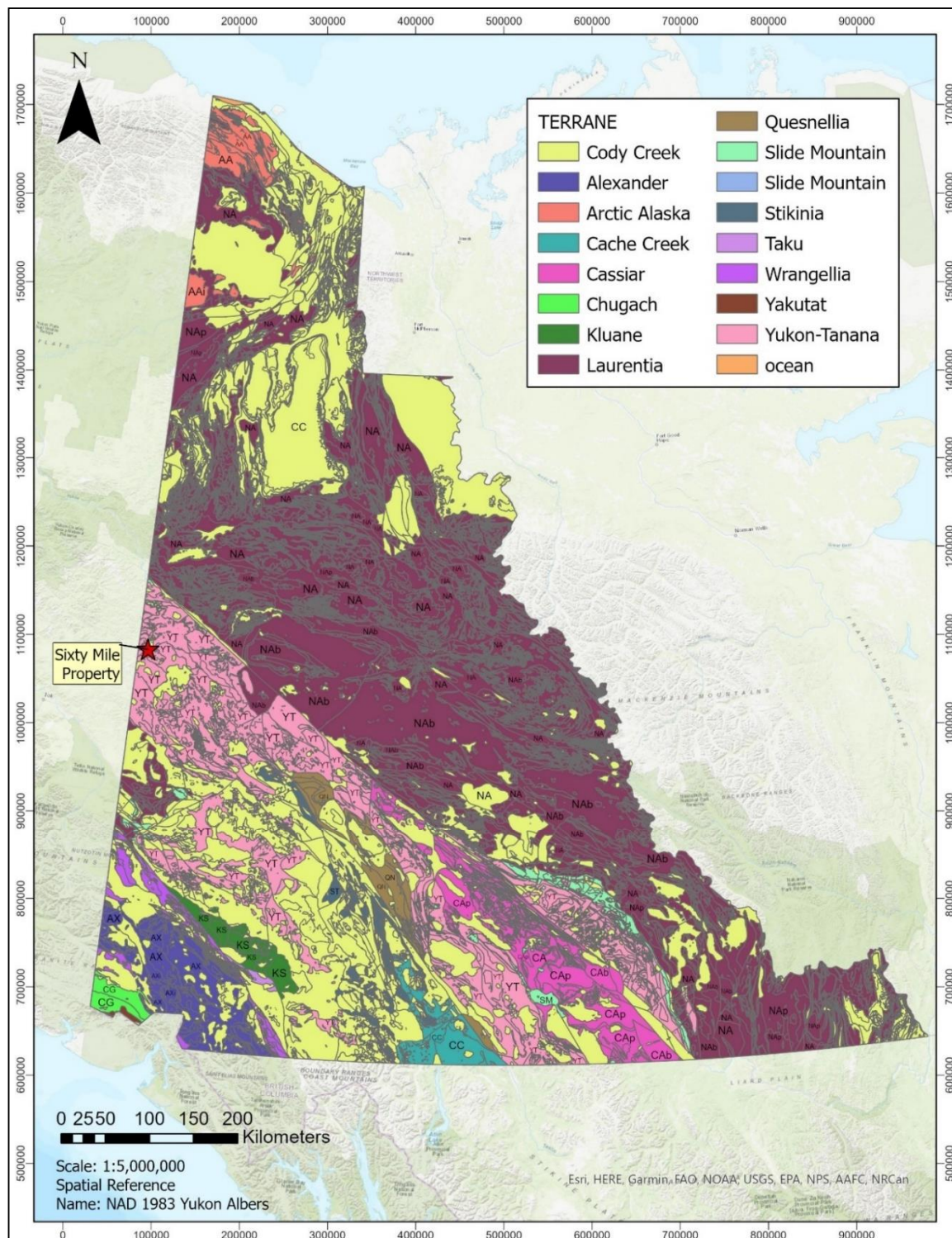


FIGURE 7-1: SIXTY MILE PROPERTY (APPROX) VS. GEOLOGIC BELTS

Variably deformed plutonic rocks of several different ages intrude the Paleozoic assemblages. Large bodies of Early Mississippian are found, featured by strongly deformed to unfoliated k-feldspar meta-granite, granodiorite and quartz monzonite of the Grass Lake suite. These rocks intrude the parautochthonous bodies and are found in the footwall of north dipping normal faults. Many slightly younger granodioritic to tonalitic gneisses of the Simpson Range suite and their age equivalent Finlayson assemblage rocks can be found in the hanging wall of the normal faults. To the west of the Sixty Mile property, late Triassic foliated to gneissic gabbro, granite and granodiorite of the Stikine suite intrude these rocks. Large Taylor Mountain batholith can be found in these rocks, near Chicken Alaska. Plutons of Latest Triassic to earliest Jurassic Minto suite ranging from small to medium size intrude the YTT basement rocks on both sides of the border. Mid-Cretaceous plutons of medium size are found near, and north of the Sixty Mile property, whereas the south region of the property hosts age equivalent batholith sized intrusions. Late Cretaceous plutons of the Prospector Mountain suite are found throughout the region. These are volumetrically minor but hold a metallogenic importance and host many of the mineral occurrences in the area.

The Carmacks Group volcanic rocks are temporally and spatially in association with the intrusions of the Prospector Mountain suite. The Carmacks volcanic rocks in the region around the Sixty Mile property include: vesicular augite-olivine basalt and breccia, hornblende and feldspar porphyritic andesite and dacite flows and dykes; also andesitic to trachytic lapilli and welded tuff with the younger units in the region belong to Paleocene to Miocene felsic volcanic and volcanoclastic rocks of the Rhyolite Creek and Ross volcanic complexes.

Northwest-southeast structural trend mainly dominates the overall region and made up of transposed metamorphic fabrics of Permian age that were subsequently overprinted by recumbent, exposed to tight folds in the Early Jurassic (Berman et al., 2007; Beranek and Mortensen, 2011; MacKenzie et al., 2008). Along the north-dipping structures occurred the Mid-Cretaceous extension that disintegrated the underlying parautochthonous North American strata (Dusel-Bacon et al., 2002). Orogen-perpendicular faults and fault zones cut and offset these structures. They cross-cut mid-Cretaceous plutons and in some cases have been interpreted to control their placement (Ryan et al., 2013; Sanchez et al., 2013; O'Neill et al., 2007). The northeast striking fault systems have been documented in eastern Alaska and in the Yukon, including the Dip Creek and Independence Creek faults. The Sixty Mile-Pika fault is found within the Sixty Mile district and it continues into eastern Alaska. It then continues northeasterly from Denali fault to the Tintina fault with several mineral deposits and occurrences. These deposits are associated with Prospector Mountain suite intrusions. They are believed to have been emplaced along the Sixty Mile-Pika fault system. The Carmacks Group volcanic rocks are offset by this fault system and the Quaternary alluvial terraces in Alaska, which suggests a long-lived movement. The kinematics on these northeast striking structure throughout Alaska and Yukon indicate that

they involve a combination of sinistral strike-dip and normal motion (Day et al., 2014; Mortensen, 1988; O'Neill et al., 2007). The segmentation of rocks in Yukon and Alaska can be explained by the occurring motion of these faults. The segmented blocks that expose different crustal levels, from mid-crustal to upper crustal and hypabyssal depths (Allan et al., 2013).

Orogenic-style gold and intrusion-related (low sulphidation epithermal and porphyry) mineralization are known to be found in the Sixty Mile area. The mineralization occurring on the Sixty Mile property is intrusion-related and tied to the Prospector Mountain suite. Porphyry style, fracture controlled, and vein hosted, pyrite, chalcopyrite and molybdenite mineralization is found in feldspar porphyries that intrude into Carmacks Group volcanic rocks in the Sixty Mile River valley. The regional mineralization, interpreted as belonging to the Late Cretaceous in age, are also likely associated with deformation along the Sixty Mile-Pika fault system. A major pull-apart basin is created due to the sinistral strike-slip step-over in the Sixty Mile area. This event led the high-level intrusion and eruption of Late Cretaceous magmas and volcanic rocks accompanied by porphyry and epithermal types of mineralization (Allan et al., 2013).

7.2 Property Geology

The Sixty Mile property's bedrock is mainly dominated by the Finlayson assemblage with some minor components of the Klondike assemblage of the YTT. On the eastern side of the property, intrusions of the Simpson Range suite and the Fifty Mile batholith can be found. These intrusions are structurally overlain by YTT across Jurassic thrust faults and form the footwall of the low angle detachment faults. The metamorphic basement withing the property area is overlain by the Carmacks Group volcanic rocks, whereas time-equivalent Prospector Mountain suite intrusions are found within the Sixty Mile property and to the east and north. An overview of the common lithological units found throughout the Sixty Mile Property can be found in table 7-1.

The Sixty Mile-Pika fault shapes the geomorphic expression of the Sixty Mile River and forms a topographic depression. Bedrock mapping by Mortensen (1988) and more recently by the Mineral Deposit Research Unit (MDRU) of the University of British Columbia determined that the Sixty Mile property area is contained within a left-lateral, extensional step-over along the Sixty Mile fault. Steeply to moderately dipping, northeast to north striking normal faults dominates the zone between two sinistral strike-slip stands of the fault system (Allan et al., 2013).

TABLE 7-1: LITHOLOGICAL UNITS AT THE SIXTY MILE PROPERTY (YGS, 2017)

Unit Name	Age (Epoch)	Map Unit	Unit Description
Carmacks	Upper Cretaceous	uKC1	augite-olivine basalt and breccia
Prospector Mountain	Late Cretaceous	LKgP	Hbl-Bt granodiorite, Hbl diorite, quartz diorite, quartz monzonite
Indian River	Lower Cretaceous	IKIR	clast-supported pebble to cobble conglomerate
Klondike	Guadalupian	PK2	silvery grey muscovite-chlorite quartz phyllite, micaceous quartzite
Slide Mountain	Mississippian	CPSM4	brown weathering, variably serpentinized ultramafic rocks; dunite/peridotite/harzburgite/diabase/serpentinite
Simpson Range	Mississippian	MgSR	Hbl-bearing metagranodiorite, metadiorite and metatonalite; amphibolite/qt-mica-schist/phyllite
Finlayson	Upper Devonian	DMF1	intermediate to mafic volcanic and volcanoclastic rocks; basalt/tuff
Finlayson	Upper Devonian	DMF2	felsic metavolcanic rocks, white quartz-muscovite schist, metaporphry
Finlayson	Upper Devonian	DMF3	dark grey to black carbonaceous metasedimentary rocks, metachert
Finlayson	Upper Devonian	DMF4	light green to grey, fine-grained siliciclastic and metavolcanoclastic rocks; chert/argillite
Finlayson	Upper Devonian	DMF5	light grey to white marble, locally crinoidal
Grass Lakes	Late Devonian	DMgG	fine to medium-grained, foliated granodiorite, granite, quartz monzonite

The Per and Glasmacher occurrences along with the Toni Zone are known to be featured in the Sixty Mile property. Those are collectively referred to in Hulstein (2012) as the Graben Fault Zone. The Per Occurrences falls in the southwest end of the Graben Fault Zone and is described as a northeast-trending, 8 to 60 cm wide, galena-sphalerite-arsenopyrite vein with a known strike length of 61 m. The Per Occurrence falls within a regional aeromagnetic low in an area known to have a magnetic high, presumably associated with a fresher magnetic-bearing andesitic volcanics (Hulstein, 2010).

The Glasmacher Occurrence lies roughly three kilometers northeast of the Per Occurrence, described as a pyrite-arsenopyrite bearing quartz vein within the altered Carmacks Group volcanics. The lesser sulphides content in the Glasmacher Occurrence can be explained by the different mixing environments of two fluid types: a near surface low temperature groundwater of roughly (150 degree C) and a high temperature alkaline-chloride (260 degree C) fluid (Glasmacher and Freidrich, 1992).

The Toni zone is contained within the Per and Glasmacher occurrences and toward the northeast end of an 800 by 300 m gold-in-soil anomaly. This feature is found on the southeast side by the Sixty Mile faults, to the north, south and west by low lying wet, forzen or overburden covered areas in the Sixty Mile River valley. Figures 7-2 and 7-3 show detailed geology at the Sixty Mile Property.

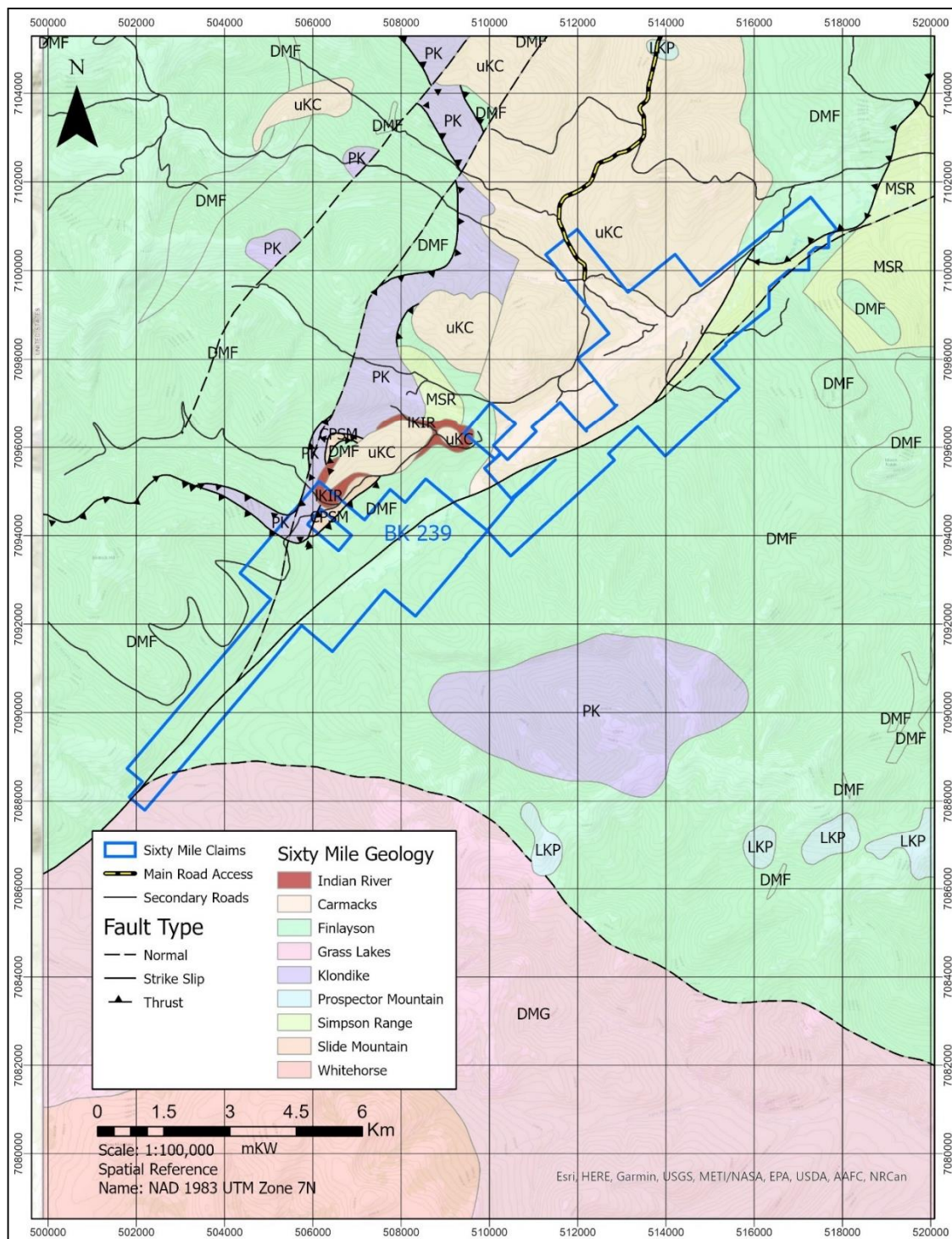


FIGURE 7-2: GEOLOGIC MAP – SIXTY MILE PROPERTY

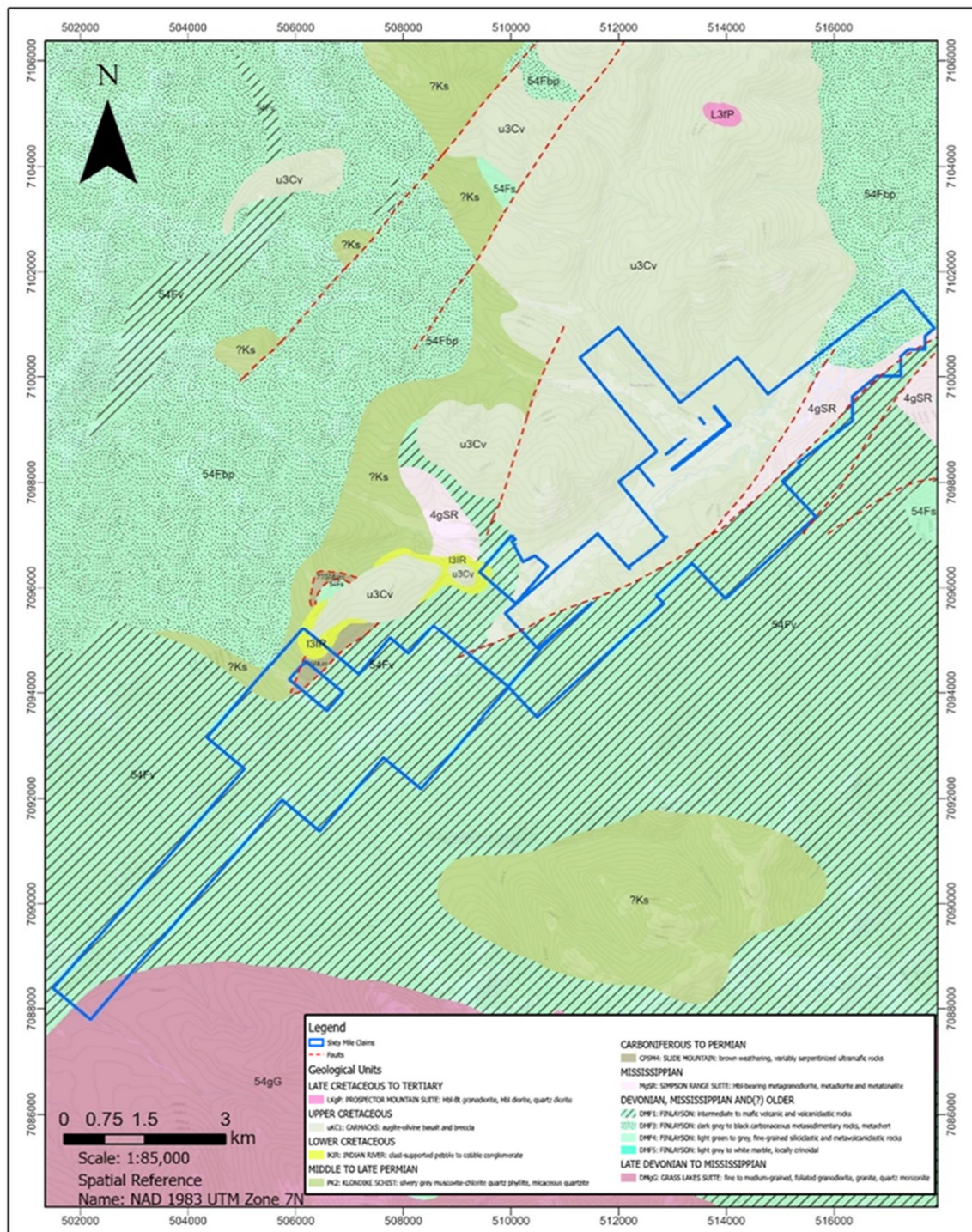


FIGURE 7-3: PROSPECT SCALE GEOLOGY AT THE SIXTY MILE PROPERTY

8 Deposit Types

The terrain on the Sixty Mile property is dominated by gently north facing and falls within the Sixty Mile River valley. These environment settings are overburdened, covered and sometimes frozen, which makes soil sampling challenging. Target mineralization on the Sixty Mile property is of two types: orogenic gold-quartz veins and intrusion-related low level sulphidation polymetallic veins and breccias. The intrusion-related mineralization on the Sixty Mile property is related to the Prospector Mountain suite. Other mineralization of porphyry style, fracture controlled, and vein hosted, pyrite, chalcopyrite and molybdenite can be found in feldspar porphyries that intrude into Carmacks Group volcanic rocks in the Sixty Mile River valley. The regional mineralization is thought to be of Late Cretaceous in age, and likely associated with deformation along the Sixty Mile-Pika fault system. A major pull-apart basin in the Sixty Mile area was created by the sinistral strike-slip step-over which led to the high-level intrusion and eruption of Late Cretaceous magma and volcanic rocks accompanied by porphyry and epithermal types of mineralization (Allan et al., 2013).

The Orogenic gold-quartz veins with minor sulphide minerals crosscut a wide variety of host rocks, they are localized along major regional faults and related splays. The wall rock is made up of silicate, pyrite and muscovite within a broader carbonate alteration halo. Tabular fissure veins are formed by such deposits, in competent host lithologies or veinlets. The deposits typically occur as a system of echelon gash fractures on wide scales. Bulk-tonnage styles of mineralization of lower grade may develop in areas borderline to veins with gold and associated with disseminated sulphides. These deposits occurring in Yukon include Caribou Creek and Skukum Creek.

High level to near surface environments of stock works and breccias carrying gold, silver, electrum, argentite and pyrite form in low sulphidation epithermal and make up the gold type deposits quartz veins. These ores are known to exhibit open-space filling textures and they are associated with volcanic-related hydrothermal or geothermal systems.

Placer gold has been extensively mined in the Sixty Mile River valley. Possible metamorphogenic source occurrences have been identified on the Rod claims, bedrock epithermal veins, such as the previously mentioned Per and Glasmacher occurrences in the Sixty Mile valley have also been identified. Although these occurrences may not be a significant source of placer gold, they indicate a possible undiscovered gold bearing source.

The 2018 soil samples returned mostly minor values for gold, copper, molybdenum, silver, zinc and arsenic. Two samples that were taken from a small spur about one kilometer southwest of the Toni Zone returned strongly anomalous results for gold (72 and 70 ppb)

and one other sample collected along the same spur returned a moderately elevated gold value (44 ppb). It is a very positive sign seeing these values despite the rough and challenging soil sampling conditions on the property. These types of deposits are found in most types of volcanic rocks, with calcalkaline andesitic composition. The ore zones are commonly found in structures and sometimes may occur in permeable lithologies. Other ore zones with upward-flaring features are centered on structurally controlled hydrothermal ducts. The vein systems can extend laterally whereas ore shoots have relatively restricted vertical extent. The high-grade ores are found in dilational zones in faults. These deposits are commonly found in Yukon include Grew Creek, Mount Skukum Mine, and Mount Nansen.

9 Exploration

9.1 2010 and 2018 Soil Geochemical Sampling Programs

In 2010 and 2018, two soil sampling programs occurred collecting a total of 269 soil samples. The 2010 program, conducted by Rackla Gold, collected 178 of those samples, exclusively in the Toni Zone. This program identified an area of 800 by 300 m of strongly anomalous gold-in-soil values. A concentration of high gold and silver values is in the northeastern part of the anomaly, while the majority of copper and molybdenum anomalies occur in the southwest of the cluster. These copper and molybdenum anomalies occur over an area of very low resistivity (Israel, 2019).

In 2018, Strategic Metals conducted a second soil sampling program, testing for gold-in-soil anomalies along the Sixty Mile fault. The 2018 samples returned mostly subdued values for gold, copper, molybdenum, silver, zinc, and arsenic; however, two samples taken one kilometer southwest of the Toni Zone, returned strongly anomalous values for gold, peaking at 72 ppb (Israel, 2019). Results from all soil sampling programs conducted on the Sixty Mile property are shown in Figures 9-1 to 9-7.

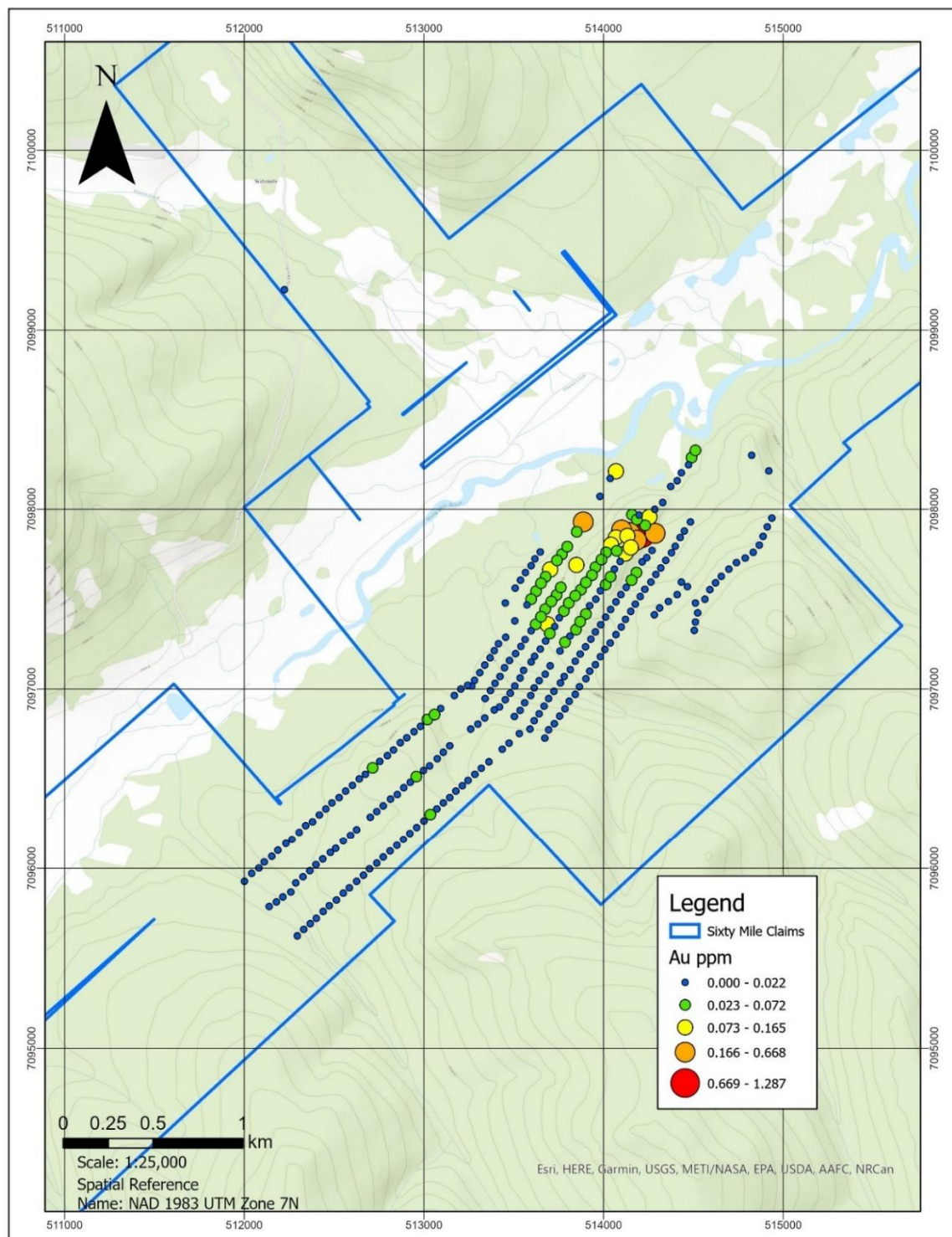


FIGURE 9-1: AU IN SOIL: SIXTY MILE PROPERTY

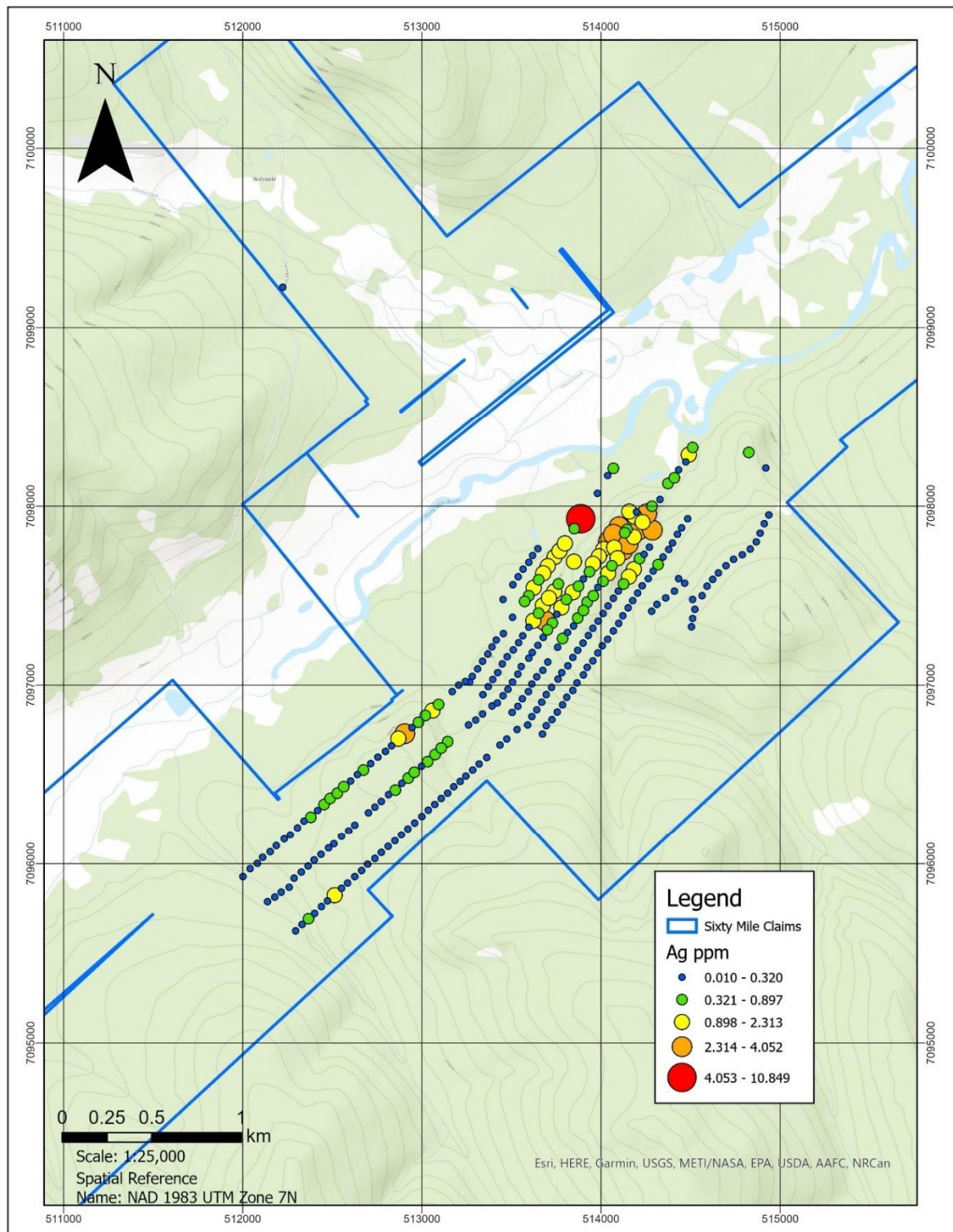


FIGURE 9-2: AG IN SOIL: SIXTY MILE PROPERTY

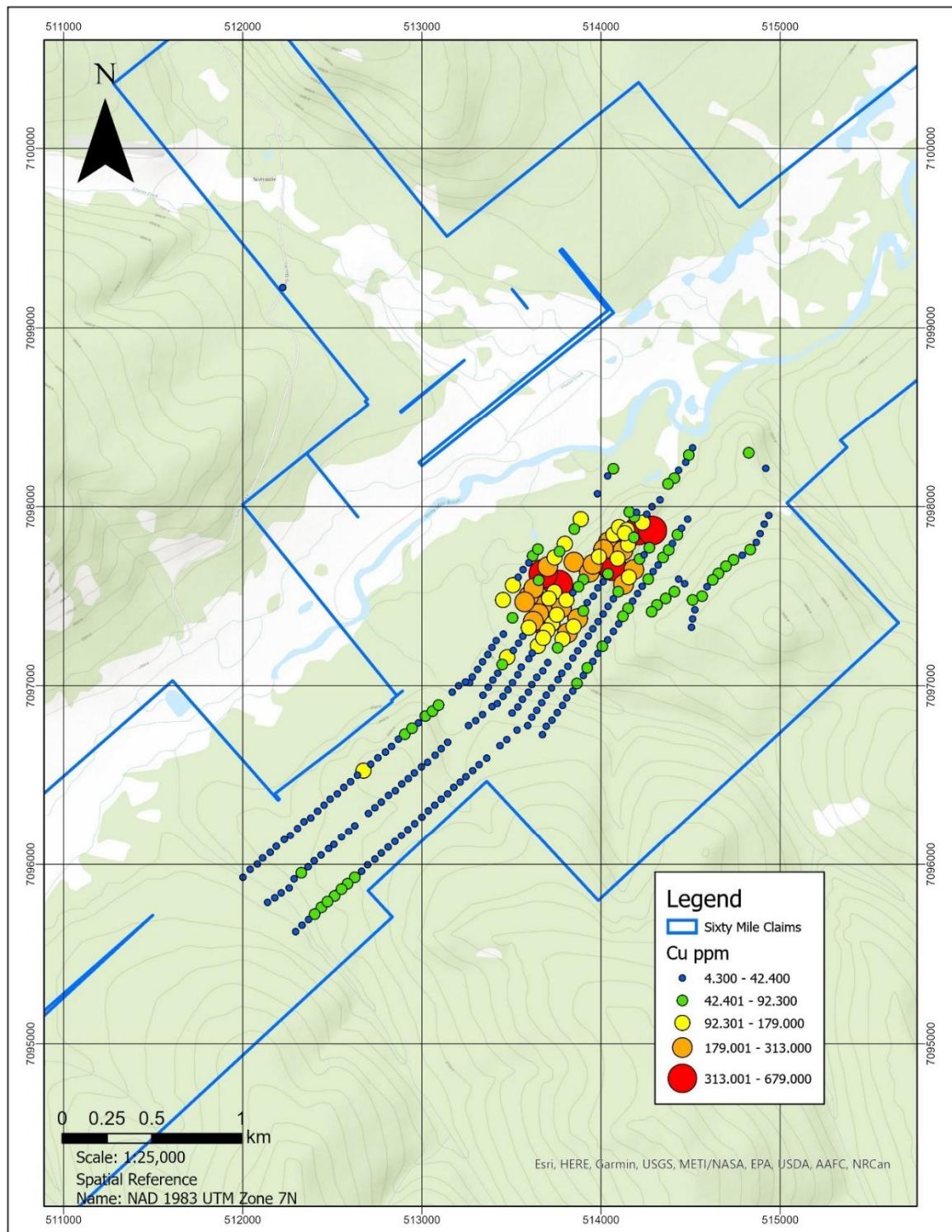


FIGURE 9-3: CU IN SOIL: SIXTY MILE PROPERTY

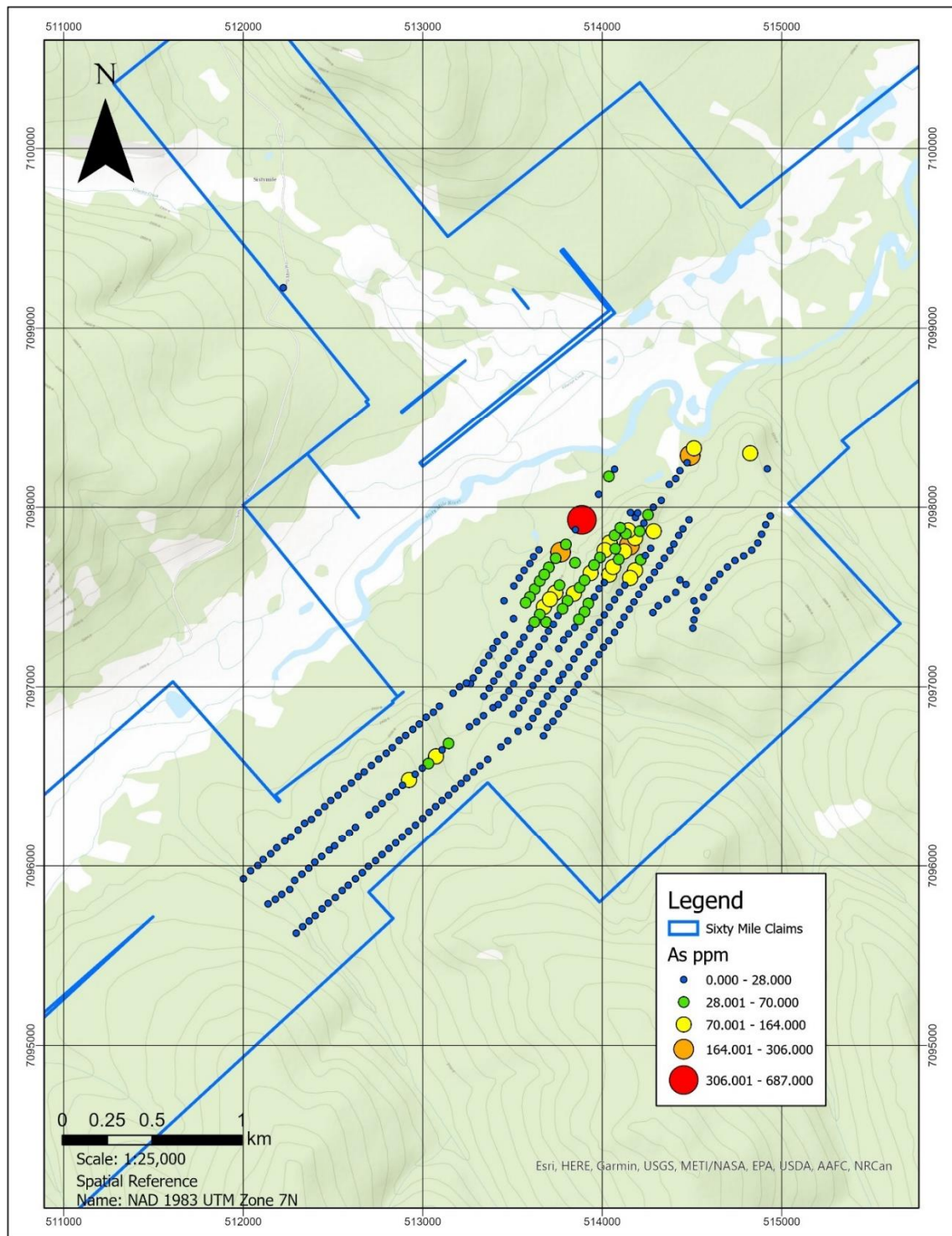


FIGURE 9-4: AS IN SOIL: SIXTY MILE PROPERTY

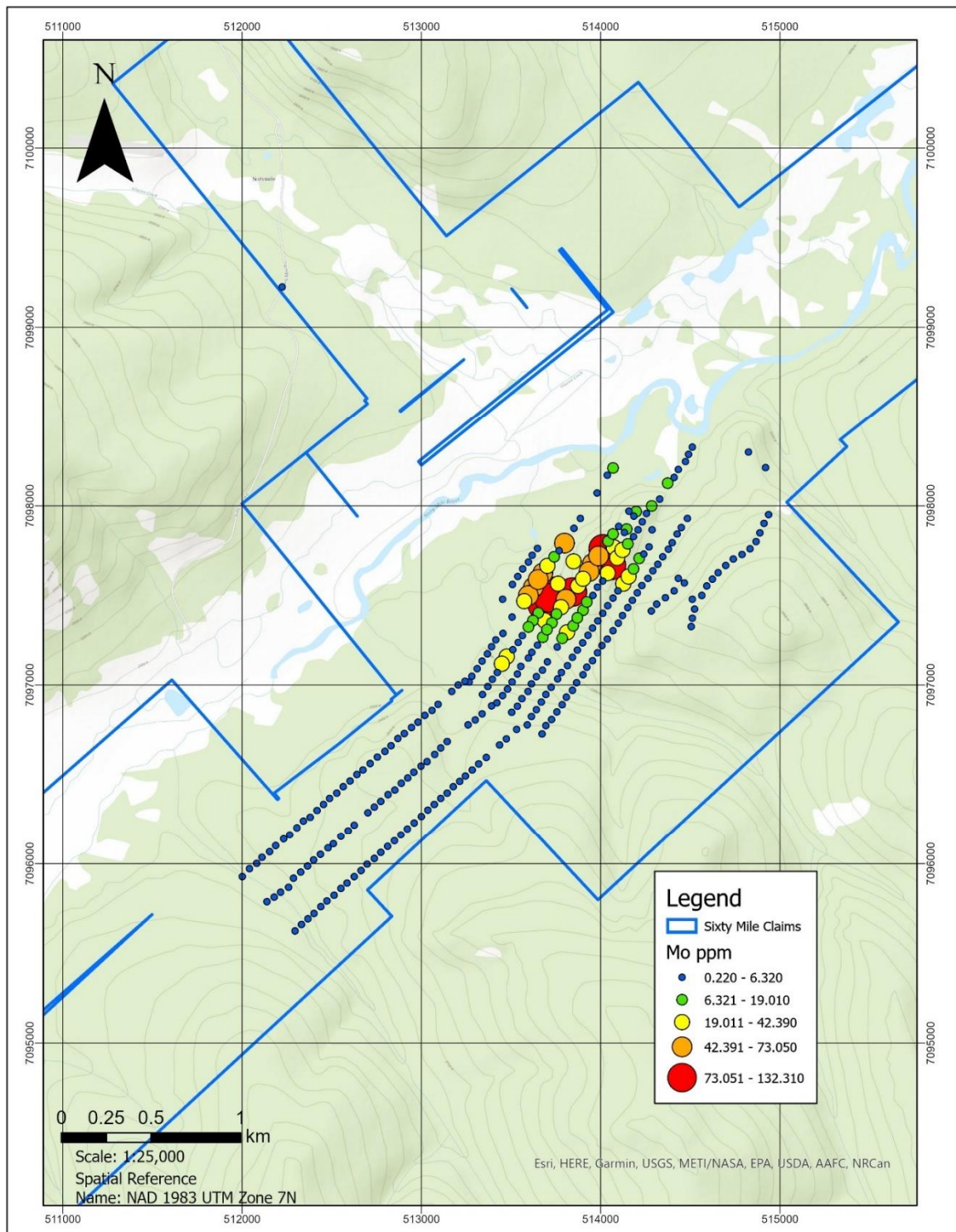


FIGURE 9-5: MO IN SOIL: SIXTY MILE PROPERTY

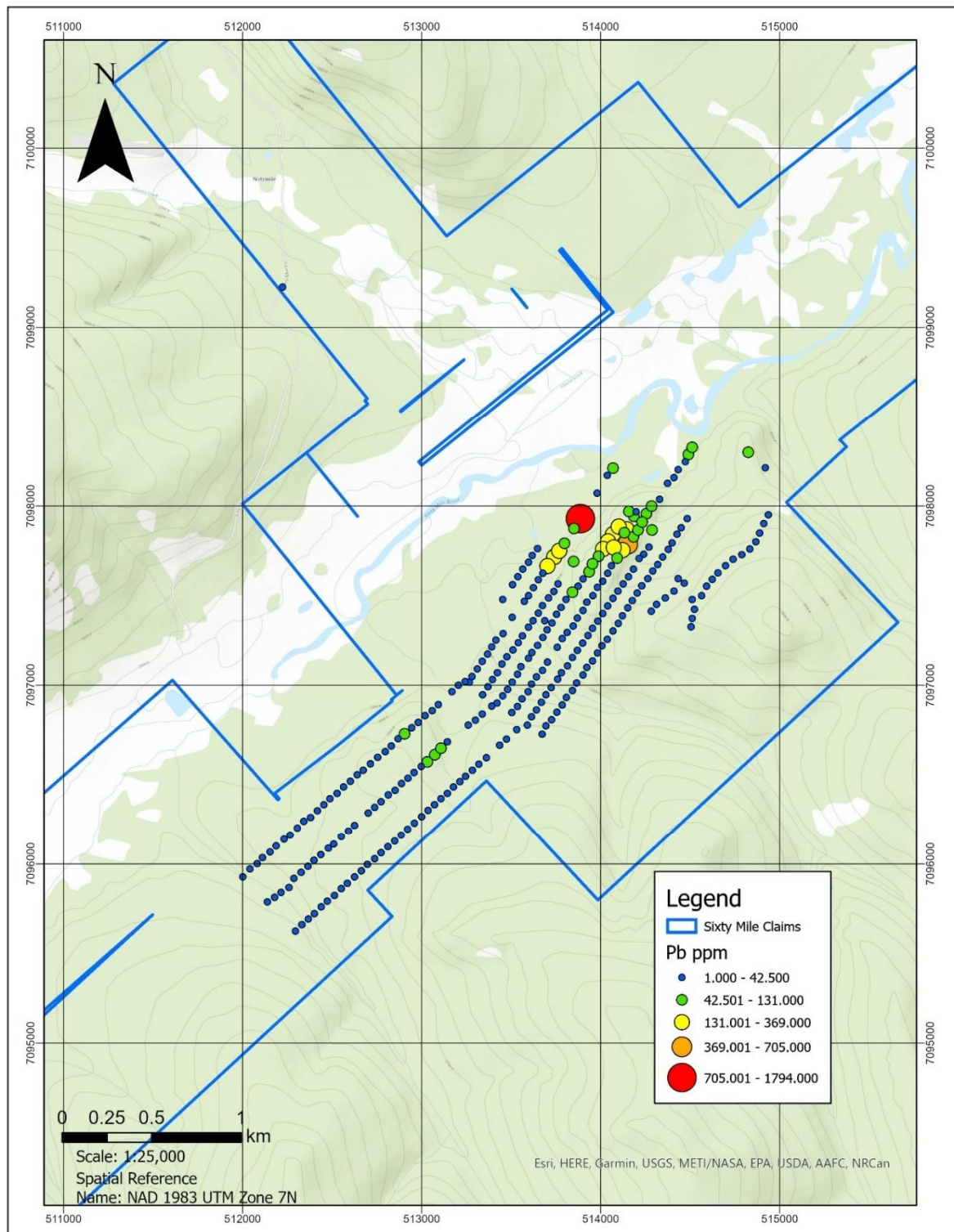


FIGURE 9-6: PB IN SOIL: SIXTY MILE PROPERTY

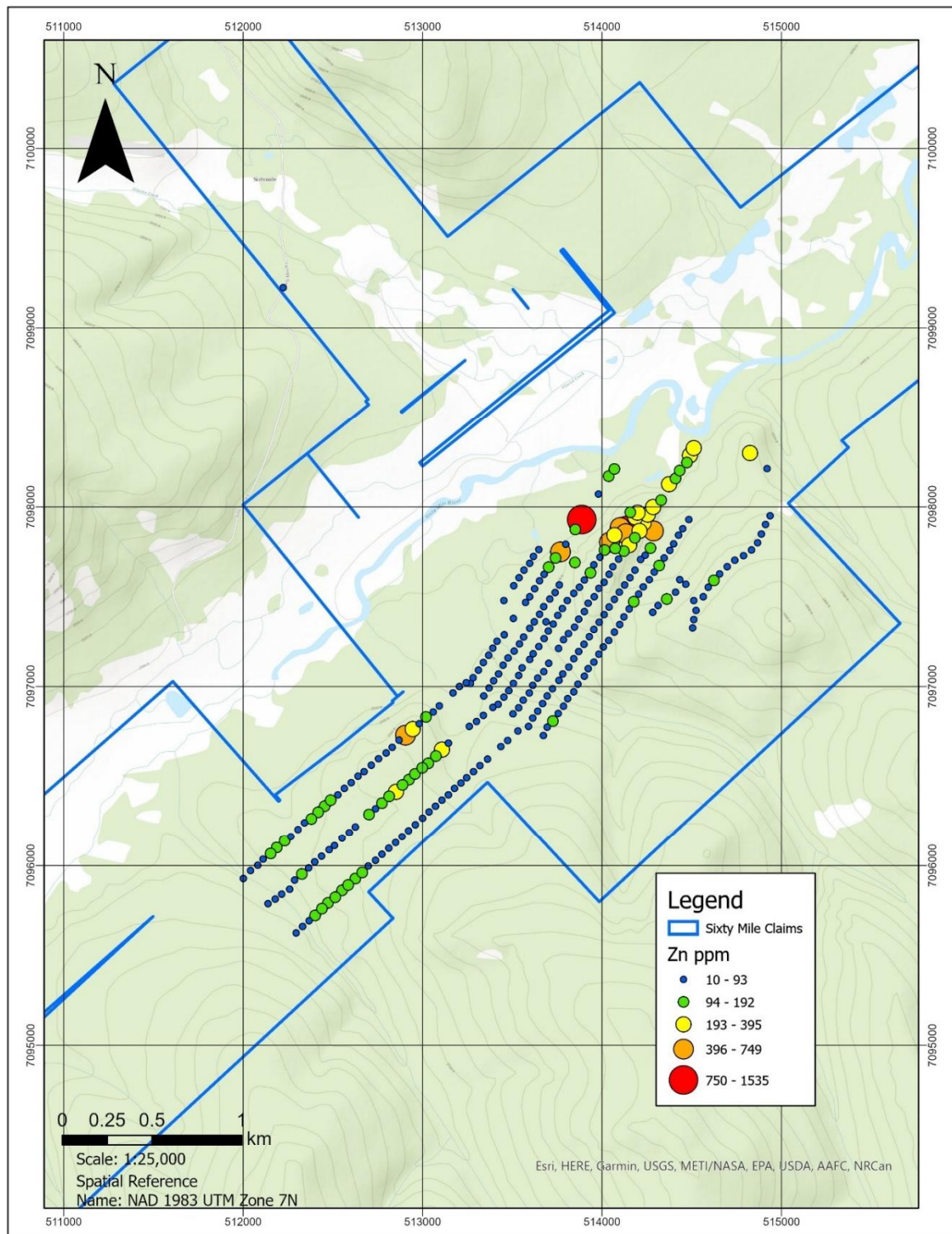


FIGURE 9-7: ZN IN SOIL: SIXTY MILE PROPERTY

9.2 Geophysics Programs

9.2.1 Previous Years Geophysics Surveys

In 2010, Rackla Metals conducted a controlled-source-audio-magnetotelluric (CSAMT) survey over a seven-kilometer strike length of the Sixty Mile Fault (Hulstein and Clark, 2011). The results of this survey are shown in Figure 9-9. The CSAMT data was not interpreted until 2012, after all follow up work, including diamond drilling, had been completed. The CSAMT survey indicated very steep resistive zones, which were interpreted to be part of the larger fault-structure in the area. Shallower conductive zones were also shown and are interpreted as contacts between the volcanic rocks in the area and the underlying metamorphics.

In 2011, Rackla Metals conducted an extremely low frequency electromagnetic (ELF-EM) survey over areas with conductive response anomalies picked up by the CSAMT survey. The survey was cut short due to an instrument malfunction (Hulstein, 2012).

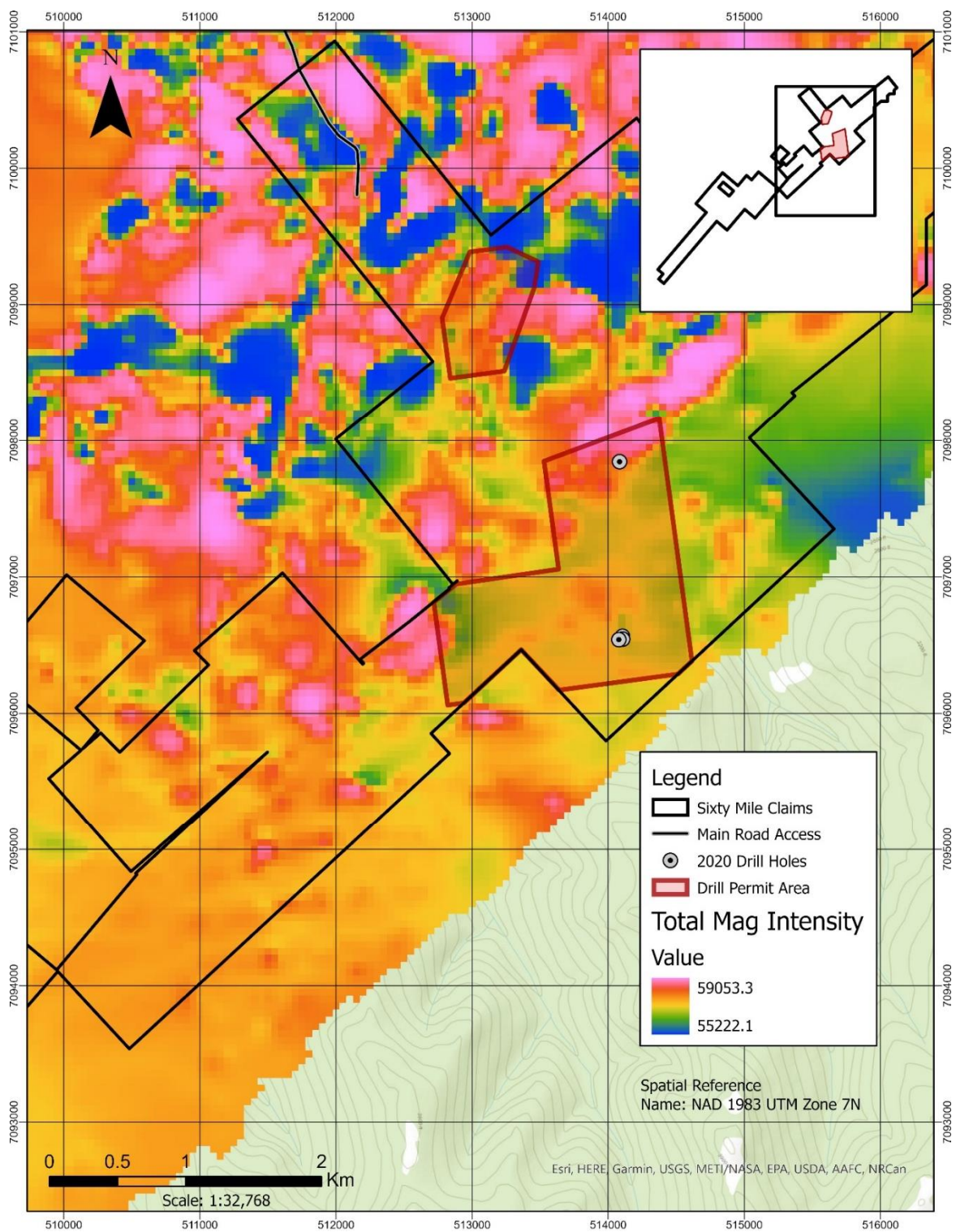


FIGURE 9-8: TOTAL MAG INTENSITY AT THE SIXTY MILE PROPERTY

9.2.2 2020 Quantum Direct Matter Indicator (QDMI) Survey

CONFIDENTIAL

Sixty Mile Property QDMI Summary

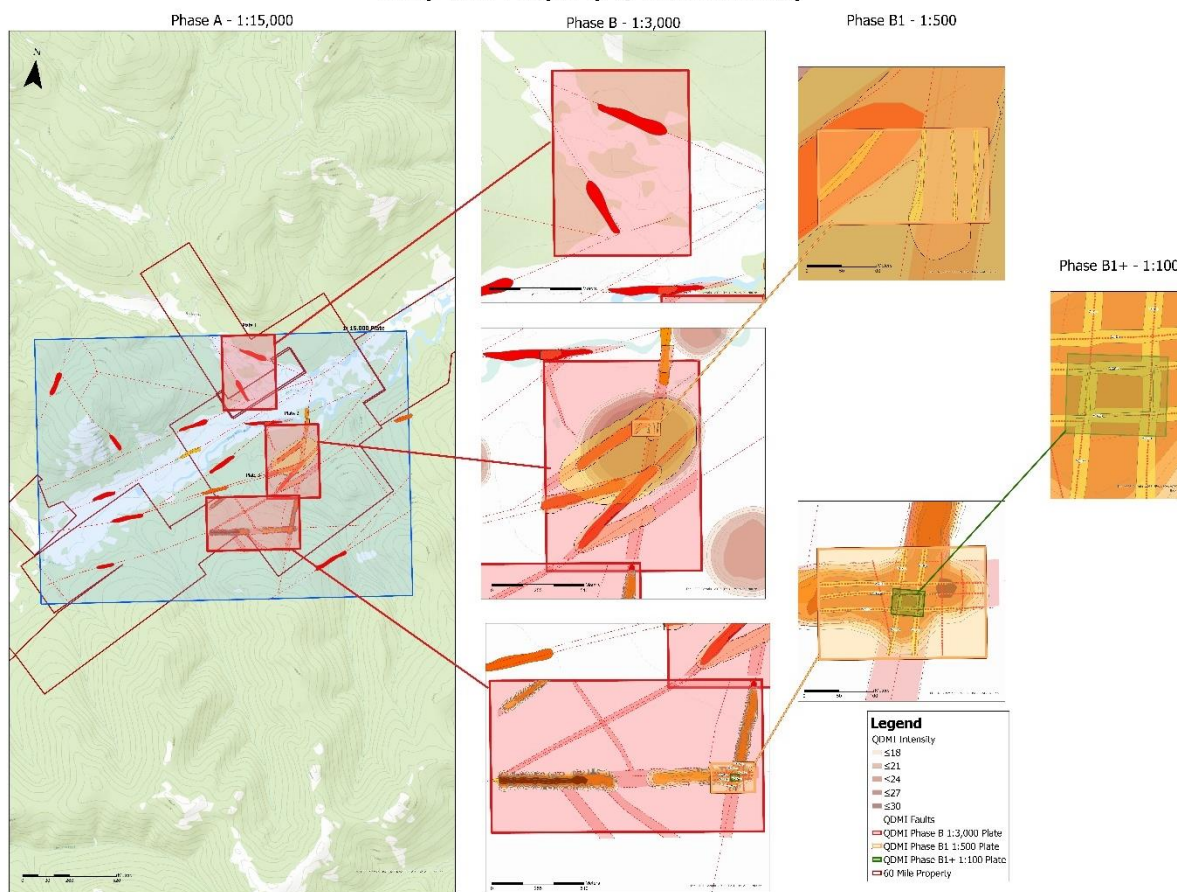


FIGURE 9-9: 2020 SIXTY MILE QDMI OVERVIEW

In 2020, SOAR Metals Canada contracted ITI (Integrative Technology International) to lead the Sixty Mile exploration program and implement its Integrative Exploration Model (IEM) methodologies and geophysical analysis involving Quantum Geoelectrophysics (QGEP). QGEP is an emerging field of non-classical and non-seismic geophysical theory and practice that combines classical physics, atmospheric physics, and quantum physics.

Quantum Direct Matter Indicator (QDMI) Technologies and IEM Methodologies have been researched, developed, field tested and applied over the past twenty years to remotely sense (via satellite) target substance electromagnetic resonant frequency (EMRF) or directly sense (via area intensity surveys) on the surface, and sub surface (via vertical scanning or vertical virtual well surveys). This was designed and tested to assist with the identification and delineation of natural resources including precious metals and base metal resources.

In 2020, ITI completed series of QDMI surveys, targeting gold throughout the Sixty Mile Property. This survey identified multiple anomalies that were targeted during the 2020 drilling program. The QDMI analysis was run up to 1:100 scale over drill target areas.

9.3 Previous Drilling Projects

Between 1988 and 2011 the three geologic occurrences, The Per, Glasmacher, and the Toni Zone, have all been tested with the diamond drilling method. A total of twenty-four diamond drill holes were completed on the Sixty Mile property. The table below provides a summary of the mentioned drilling operations. Locations of prior drillholes are shown in Figure 9-10.

TABLE 9-1: PREVIOUS DRILLING PROJECTS AT THE SIXTY MILE PROPERTY

Type of Drill	Year	Number of Holes	Depth (m)
Diamond	1988	7	765
Diamond	2010	2	380.69
Diamond	2011	15	3955.7

The Per occurrence:

Klondike Gold Mining executed seven diamond drill holes in 1988 reaching a total depth of 765 m (D4-88-01 to D4-88-07). The mineralized intercepts were described as silicified porphyritic andesite cut by narrow pyrite-carbonate-quartz veinlets. True depth of these intercepts was not determined due to lack of information in the 1988 assessment report. Two additional diamond drill holes (DDH11-08 and DDH11-09) were drilled by Radius Gold in 2011. Drilling projects at the Per Occurrence include assay results with a high of 8.76 g/t gold over 10.5 m in hole D4-88-02. This hole also includes a peak of 42.16 g/t gold over a 1.5m interval (Hulstein, 2012).

The Glasmacher Occurrence

The first drilling at the Glasmacher occurrence was in 1988, when one hole intersected a quartz-sulphide veining that yielded 17.28 g/t gold over 4.5 m including 42.16 g/t gold over a 1.5 m interval (Stroshein, 2011). Only one hole has been drilled in this area since, being drilled around one kilometer northeast of the Glasmacher Occurrence. This hole returned no significant results (Hulstein, 2012).

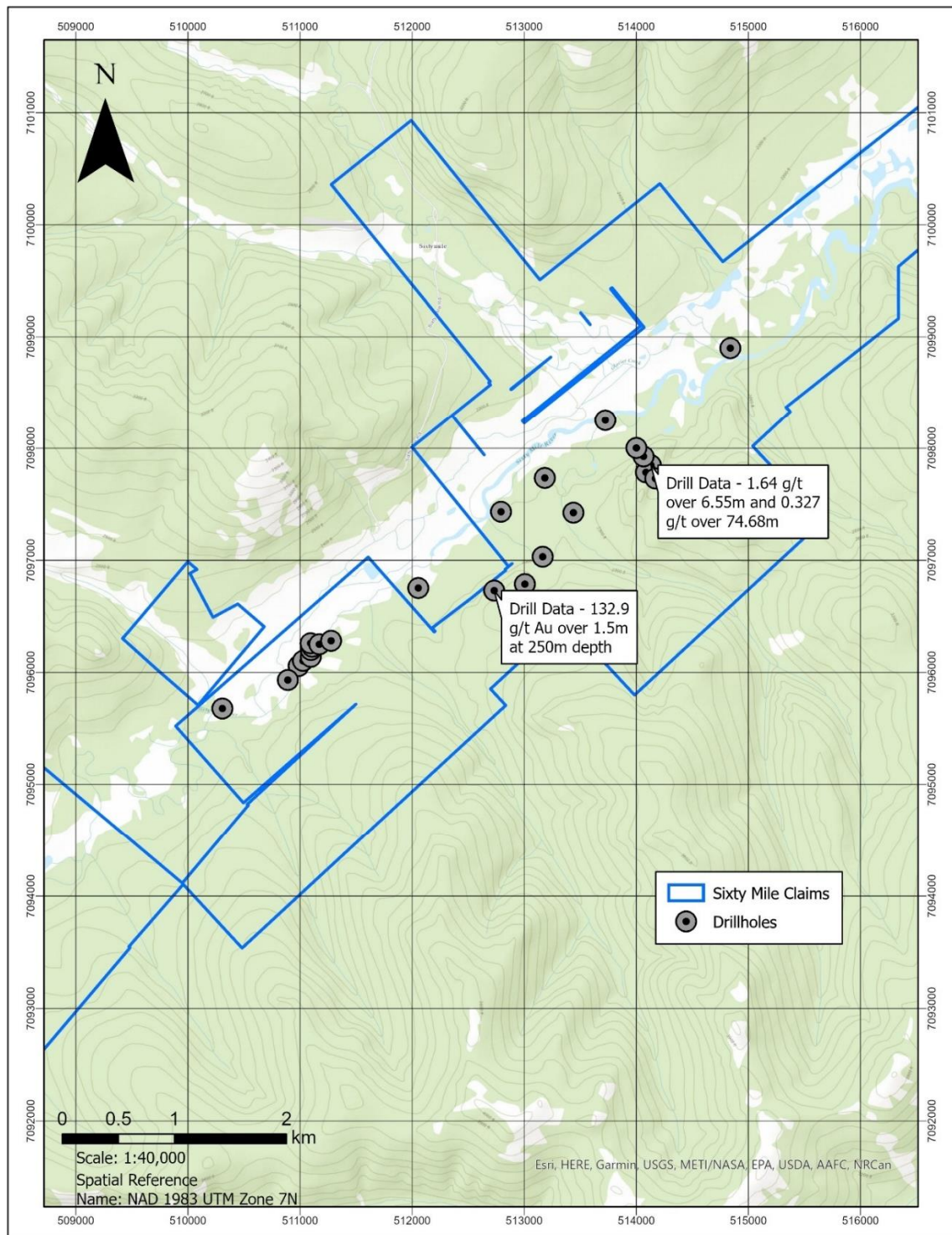


FIGURE 9-10: PREVIOUS DRILLHOLES ON THE SIXTY MILE PROPERTY

The Toni Zone

The Toni Zone has been the target of most recent exploration with two holes being drilled there in 2010 and 14 holes being drilled there in 2011. The 2010 program returns were not particularly noteworthy with the highlight being a return of 4.458 g/t gold over a 1.47 m interval at 206.6 m depth in hole DDH10-07 (Hulstein and Clark, 2011).

The 2011 drilling program proved more successful as hole DDH11-10 returned 132.9 g/t gold over a 1.5 (249-250.5 m) interval. This hole was drilled to test the northeastern part of the Toni Zone anomaly and the projection of the Sixty Mile Fault to the southwest (Hulstein, 2012). The bonanza grade mineralization is found within deformed, moderately silicified quartz-feldspar schist of the Finlayson Assemblage and consists of semi-massive to massive pyrite and arsenopyrite filled hairline fractures, stockwork and a six- to ten-centimeter-wide vein (Israel, 2019).

9.4 Unmanned Aerial Vehicle (UAV) Mapping

Over the course of the 2020 exploration and drilling program at Sixty Mile, UAV (drone) technology was used to map on several areas of interest. Initial UAV mapping was completed on the Sixty Mile properties in July 2020. Further UAV scans were completed in September 2020 prior to and during the drilling program. The planned UAV flights captured high-resolution imagery, which was then processed using photogrammetry methods, and tied to GNSS grade ground control points collected in the field. These were post processed into 'orthomosaic' images, DSM's and DTM's, enabling the creation of 3D topography surfaces for future drillhole planning. These images were used to calibrate the QDMI satellite geophysical datasets, assisted in mapping key exploratory road and path access and provide an environmental baseline prior to the drilling program.

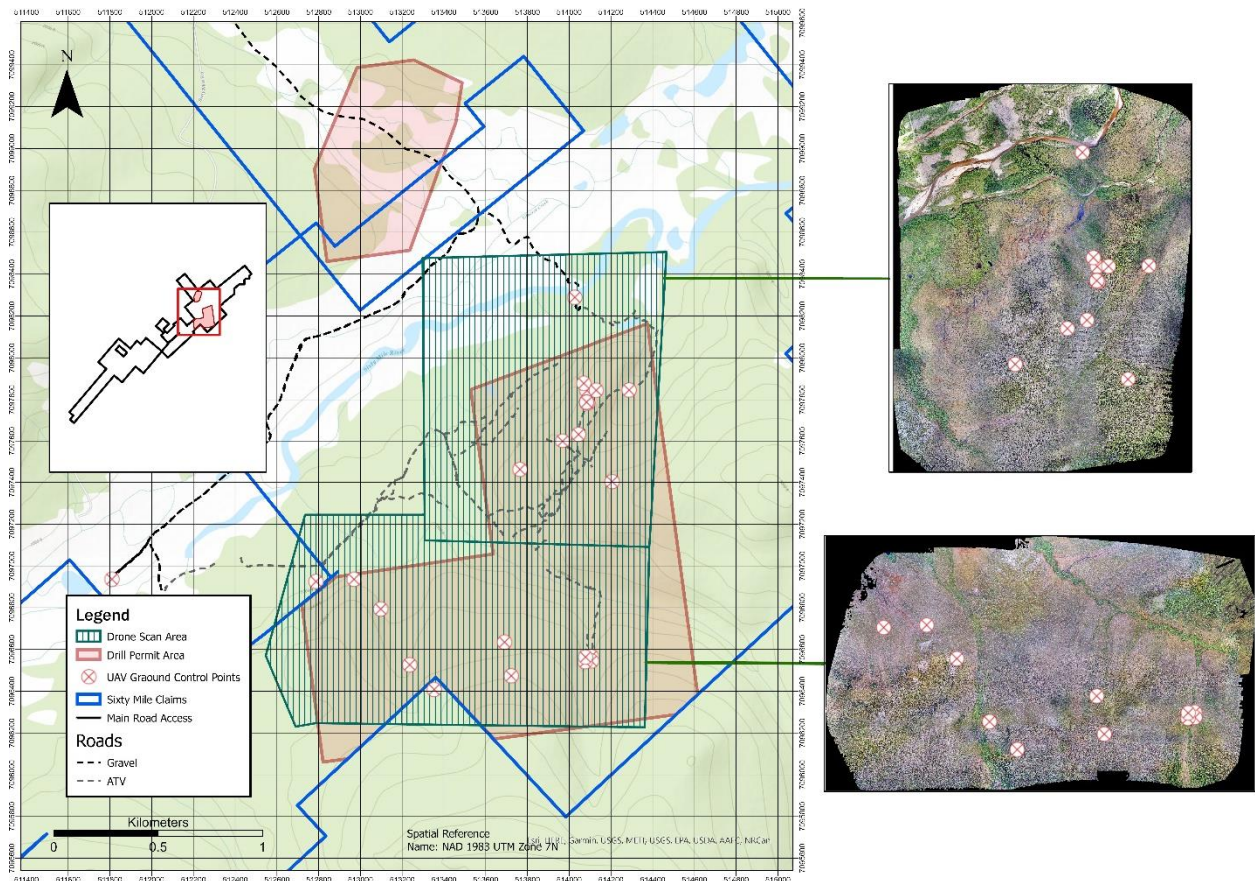


FIGURE 9-11: DRONE FLY OVER AREAS

10 Drilling

A drill permit was acquired for the 2020 season, shown below in Figure 10-1. The 2020 drilling project took place in September 2020 and focused on anomalies identified by the Quantum Direct Matter Indicator (QDMI) survey conducted earlier in the year. Upon completion of the drilling program a total of 4 RC (Reverse Circulation) drillholes were cored to a total depth of 306.3 m, all drilled by Vision Quest drilling, based out of Whitehorse, Yukon.

A custom drill was fitted on a tracked unit, along with auxiliary compressors mounted on second tracked vehicle. Drill moves were conducted via this tracked system, with auxiliary helicopter support from Fireweed Helicopters, based out of Dawson City, Yukon. Rock chip samples were analyzed on site and sent to ALS Minerals for further geochemical analysis. Drill assay samples were collected during the drilling process in five-foot intervals. The samples were run through a rock chip splitter that mixed the samples as they were received from a drill to ensure proper mixing of the given interval.

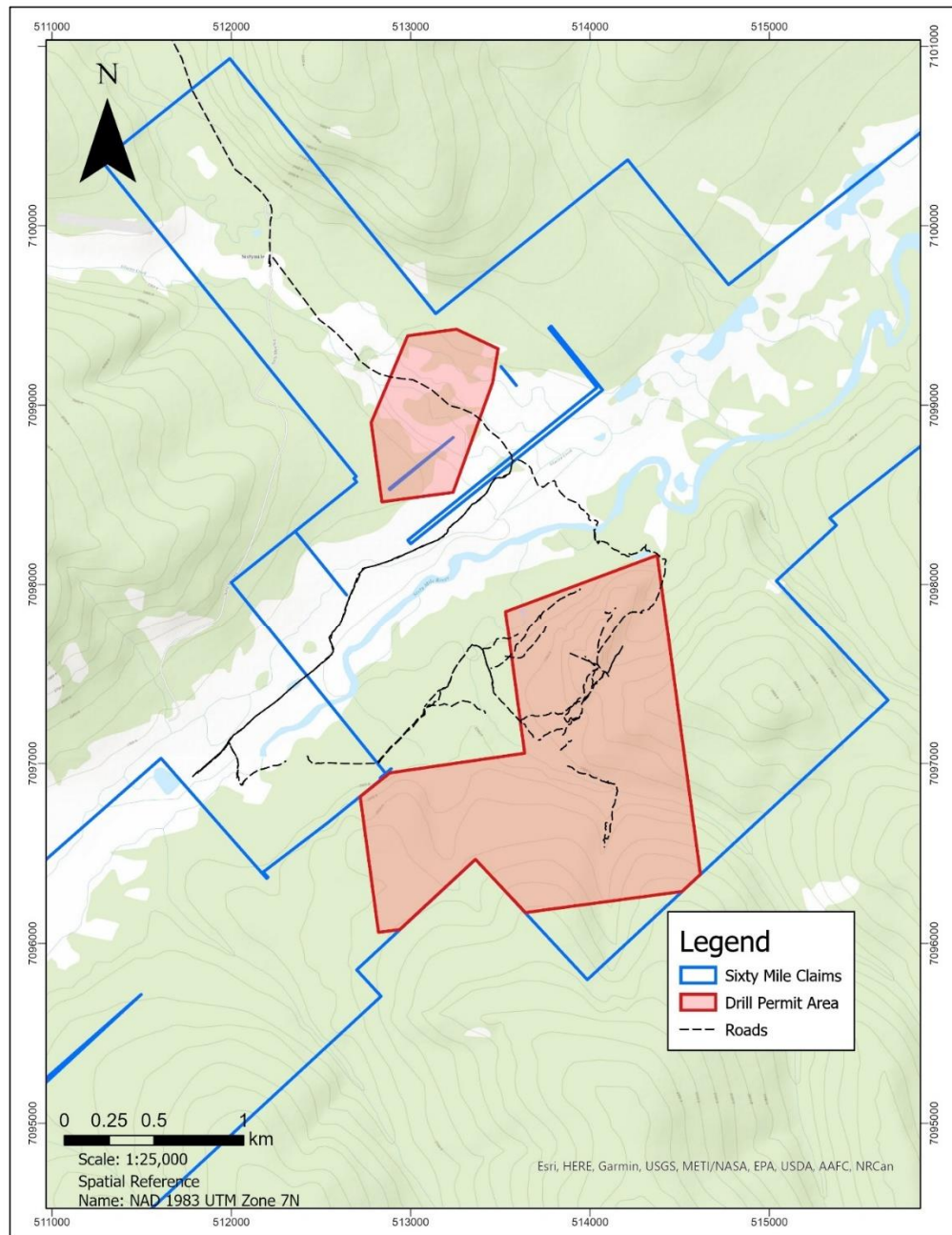


FIGURE 10-1: SIXTY MILE DRILL PERMIT AREA

Geological, geotechnical and XRF analysis of the core was completed by the ITI and Archer Cathro team while on site. All hole descriptions are based on field observations made by Jack Morton, senior geologist at Archer Cathro and Associates Ltd. These field observations are found Appendix III. On site drilling data, shown in Table 10-1, including

GPS locations of drill collars and directional information was collected via Global Navigation Satellite System (GNSS) Receivers and ArcGIS Collector Software. Collar locations collected in field are shown in Figure 10-1. Downhole surveys were completed after each drilled hole, to verify drill path. All downhole, geotechnical and geological datasets were imported into 2D and 3D mapping for further resource modelling and real-time drill target selection. These datasets have been mapped in ArcGIS Pro and Leapfrog 3D modelling software since leaving site to analyze drill results further.

TABLE 10-1: 2020 DRILL HOLE DATA

Hole	Depth	Azimuth	Dip	Easting	Northing	Elevation
SM-20-001	70.1	0	-90	514104.7	7096566.3	760.51812
SM-20-002	80.77	0	-90	514105.3	7096544.6	761.9312
SM-20-003	79.25	0	-90	514076.93	7096541.1	759.66951
SM-20-004	80.77	323.7	-62.6	514083.02	7097843.3	765.994191

10.1 Hole SM-20-001

Hole SM-20-001 was drilled vertically to a depth of 70.1 m. The hole is primarily andesite with quartz veining at 36 m and 48 m. The andesite is pale to dark green, foliated and calcareous, with trace pyrite and hematite on some surfaces. The quartz veining is white bull quartz with minor pale green encrusting mineralization.

10.2 Hole SM-20-002

Hole SM-20-002 was drilled vertically to a depth of 80.77 m. It is primarily andesite with a small interval of schist at the top of the hole. The andesite is primarily dark green and strongly foliated. There is hematite, pyrite and chalcopyrite and orang-brown oxidation throughout the hole in the andesite units. The schist only occurs at the very top of the hole and is a medium orange quartz-muscovite schist.

10.3 Hole SM-20-003

Hole SM-20-003 was drilled vertically to a depth of 79.25 m. It is andesite from top to bottom with a 0.5 metre wide fault occurring at 45.75 m. The andesite occurs in various forms throughout the hole rotating between a foliated dark green andesite with an abundance of muscovite and pyrite, an oxidized “hematite-rich” brick red andesite and a coarser grained medium green andesite.

10.4 Hole SM-20-004

Hole SM-20-004 was drilled to a depth of 80.77 m. The first 30 m of this hole is an orange to red hematite-rich sandstone with trace disseminated pyrite. The rest of the hole is an unfoliated, weakly calcareous, medium green, feldspar-phyrlic andesite with around 4 to 5 % pyrite mineralization. This hole returned a very strong gold interval at 2.13 g/t from 16.76 m to 18.29 m. This elevated gold value came from a further analysis on the core in the form of a fire assay and inductively coupled plasma-mass spectroscopy finish (Au-ICP21).

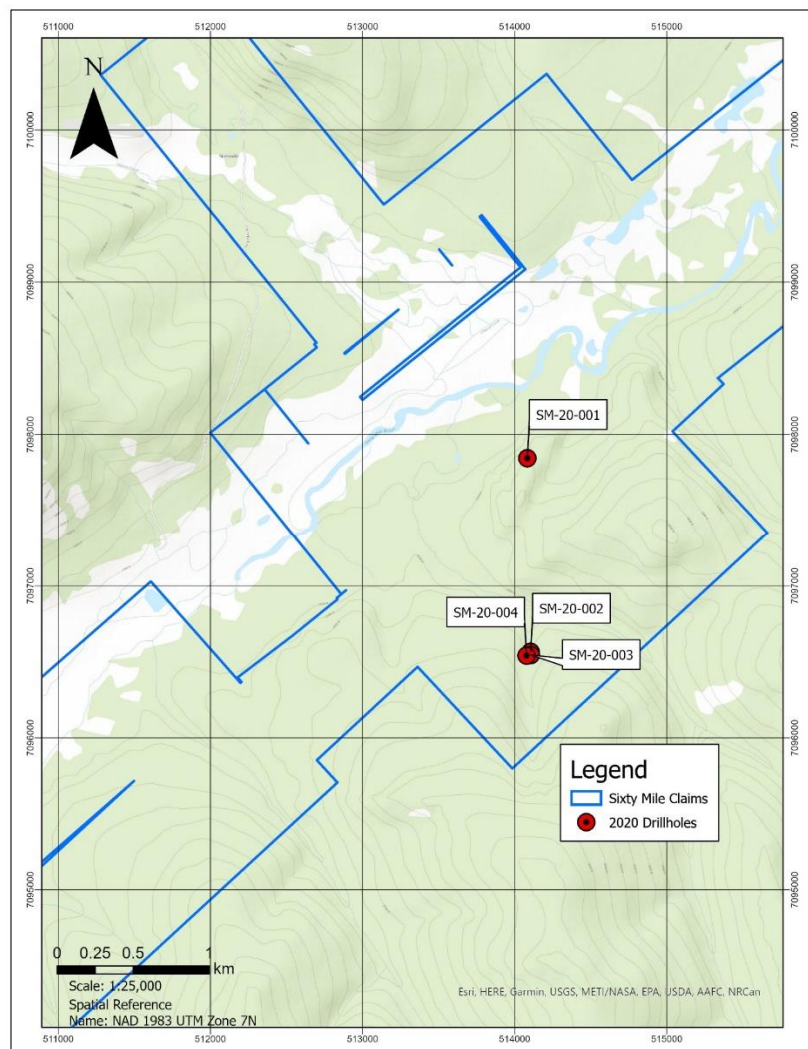


FIGURE 10-2: 2020 DRILLHOLES

11 Sample Preparation, Analyses and Security

Rock chips received from the drill were collected in premade bags, consisting of double bags and an ALS sample tag between the two bags, and the sample number written on the front of the bag. Roughly half of the rock chips were collected for each interval and sent to the lab for assay analysis; a small portion of the remaining rock chips were tagged for chip trays, and XRF analysis.

Once assay samples were collected, the bags were sealed on site with flagging tape and zip-ties. The samples were then weighed, documented, and put together in rice bags, with a maximum weight of 15 kg per bag. These rice bags were zip-tied with security tags, then double zip-tied above the security tags to ensure the security tags did not slip off. Drill core samples were processed in batches of up to 40 samples, with each batch including two standards, two blanks and one coarse reject duplicate sample. All core samples were sent to the ALS Mineral laboratory in Whitehorse, where they were crushed to 90% passing 2 mm before a 1 kg split was pulverized to better than 95% passing 106 microns. Splits of the pulverized fractions were then sent to ALS Minerals in North Vancouver, where they were dissolved in a four-acid solution and analyzed for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 30g charge was further analyzed for gold by fire assay and inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Certificates from ALS Minerals are included in Appendix II.

12 Environmental Studies, Permitting and Social or Community Impact

Exploration work in the Yukon region is subject to the Mining and Land Use Regulations (MLUR) of the Yukon Mining Quartz Act and to the Yukon Environmental and Socio-Economic Assessment Act (YESAA). Large-scale exploration programs will require a land use permit that may have to be issued and a YESAA Board recommendations be obtained.

Mineral claims comprising the property can be maintained in good standing by performing approved exploration work to a dollar value of \$100 per claim per year. The work program proposed in this report meets the criteria for a Class III land use approval.

Exploration activities on the property took place on existing network of roads and trails using a 4-wheel drive trucks and tracked side-by-side vehicles while maintaining the environmental integrity of the site. There are no outstanding environmental liabilities or reclamation obligations related to surface exploration conducted on the property. The property is not encumbered by First Nations Land Claims.

13 Interpretation and Conclusions

The 2020 exploration and drilling program at Sixty Mile consisted of UAV work, QDMI analysis, and an RC drill program totalling 306.3 m in 4 holes.

The initial program at Sixty Mile was key to the ITI's field team's introduction to the regional and geological environment and overall project logistics and operations for the subsequent drilling program. The extensive Quantum Direct Matter Indicator (QDMI) geophysics program was crucial to 3D modelling of high potential resource targets and significantly assisted with the drill targeting program in the field. The use of Global Navigation Satellite System (GNSS) receivers for GPS mapping of samples and core-hole drill targets, in combination with UAV scans provided the project with exceptionally high-resolution accuracy to 2D and 3D resource mapping and modelling.

The property hosts different styles of mineralization. The Per and Glashacher occurrences contain alteration and mineralization that is thought to be 'hanging wall' epithermal mineralization above the northwesterly dipping Sixty Mile fault. The Toni Zone and bonanza grade gold mineralization intersected by DDH11-10 are postulated to reside along the Sixty Mile fault, which bisects the entire length of the Sixty Mile property. The gold-bearing veins and fracture zones are believed to be related to an unidentified porphyry zone, which is evidenced by the strong copper and molybdenum soil geochemistry.

Hole SM-20-004 yielded promising results. This hole was drilled toward the Toni zone, and produced results up to 2.12 g/t gold over 1.5 m. This section of core-hole was part of a longer interval with weighted average results of 0.36 g/t Gold over 24.38 m. These results, in proximity to historic results, confirm historic gold results in the Toni Zone. SM-20-004 also yielded a 14.4 g/t of silver interval over 1.53 m and a 13.45 g/t silver interval over 1.52 m. Correlation and data inversion analysis of the lab results to geophysics is ongoing in 2021.

The Sixty Mile property hosts promising, coincident geological, geochemical and geophysical signatures, but its complex geomorphological terrain complicates the collection and interpretation of data. The property has good potential to host a large, mineralized system.

14 Recommendations

2020 results confirm historic results found at the Toni Zone. Fully delineating the scale of this mineralized zone would be a recommended first action. A full 3D geologic model of this

area is recommended to grasp the full workings of the area, and from this further drilling to be planned in the Toni Zone.

Bedrock exposure on the property is limited and thus future exploration programs should focus on testing the known geological, geochemical and geophysical anomalies using a drill. Deep auger soil sampling, prospecting, and potentially geological mapping and geophysical surveying should be conducted across the Toni 33 to 42 claims, which were staked in fall 2019 and the SM 1 to 73 claims staked in fall 2018 to evaluate the Eastern extent of mineralization, and along strike potential of mineralization associated with the Sixty Mile Fault

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Yukon Geological Survey 2017 Yukon Bedrock Geology Map, 2017.

Appendix I

Statement of Expenditures

**Sixty Mile
Statement of Expenditures**

Vision Quest Drilling & Exploration	\$ 63,196.43
AC Field Room and Board - 128 Days @ \$100/day	\$ 12,800.00
Fireweed Helicopters	\$ 5,392.80
ALS	<u>\$ 9,345.48</u>
	\$ 90,734.71

Appendix II

Certificates of Analysis



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 1
Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 16-NOV-2020
Account: F

CERTIFICATE WH20205877

Project: SIXTY MILE

This report is for 40 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 16-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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Finalized Date: 16-NOV-2020
Account: F

Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205877

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700001		1.90	0.14	2.10	4.0	<0.02	<10	200	0.59	0.21	0.79	0.15	37.5	16.0	96	0.87
8700002		12.11	0.14	1.97	4.4	<0.02	<10	230	0.50	0.11	0.85	0.24	31.8	17.3	98	0.79
8700003		19.47	0.15	1.93	6.4	<0.02	<10	260	0.51	0.12	0.99	0.28	33.6	18.9	96	0.78
8700004		10.63	0.32	1.64	7.0	<0.02	<10	250	0.45	0.14	0.96	0.31	29.5	13.9	64	0.63
8700005		0.32	33.0	4.73	147.0	1.30	<10	40	0.26	11.20	4.56	38.0	13.05	92.3	57	0.97
8700006		9.62	0.13	1.48	6.1	<0.02	<10	260	0.41	0.12	1.07	0.30	29.3	12.4	54	0.61
8700007		19.60	0.11	1.58	4.4	<0.02	<10	260	0.41	0.08	1.66	0.28	30.4	12.9	65	2.03
8700008		30.65	0.13	1.73	3.6	<0.02	<10	230	0.42	0.06	1.16	0.22	41.4	13.9	72	4.54
8700009		25.01	0.12	1.80	0.9	<0.02	<10	190	0.57	0.04	1.27	0.17	24.3	18.7	23	25.0
8700010		23.72	0.15	1.79	0.4	<0.02	<10	110	0.48	0.02	1.86	0.11	12.50	16.2	11	16.85
8700011		10.83	0.06	1.63	0.5	<0.02	<10	120	0.38	0.03	1.61	0.11	18.55	15.4	11	7.47
8700012		9.13	0.03	1.63	0.3	<0.02	<10	120	0.37	0.06	1.73	0.07	13.05	18.6	16	3.89
8700013		11.31	0.07	1.57	0.2	<0.02	<10	80	0.38	0.02	1.72	0.16	17.60	15.7	8	4.36
8700014		9.30	0.04	1.38	0.3	<0.02	<10	80	0.49	0.02	2.01	0.09	19.75	10.4	9	11.90
8700015		5.80	<0.01	0.02	0.1	<0.02	<10	10	<0.05	0.01	>25.0	0.01	1.02	0.9	1	0.05
8700016		12.37	0.02	0.72	0.3	<0.02	<10	150	0.22	0.01	0.68	0.02	48.5	4.5	12	3.13
8700017		10.62	0.04	0.78	0.3	<0.02	<10	200	0.26	0.01	1.48	0.05	55.4	4.3	11	5.11
8700018		3.27	0.03	0.67	0.4	<0.02	<10	70	0.17	0.02	0.52	0.02	57.4	3.6	9	3.60
8700019		14.80	0.06	1.13	0.4	<0.02	<10	120	0.30	0.03	1.74	0.05	38.2	8.6	25	8.34
8700020		18.18	0.31	0.88	0.2	<0.02	<10	230	0.27	0.03	1.99	0.03	40.1	7.3	11	9.19
8700021		17.52	0.05	2.51	0.2	<0.02	10	310	0.39	0.05	5.45	0.08	14.95	24.9	145	24.3
8700022		8.81	0.02	1.97	0.2	<0.02	<10	150	0.21	0.01	2.16	0.03	5.11	16.2	81	8.21
8700023		9.00	0.04	2.66	0.3	<0.02	10	300	0.33	0.02	4.35	0.08	19.80	26.0	377	13.20
8700024		12.72	0.04	2.10	0.5	<0.02	<10	120	0.24	0.02	2.08	0.06	9.65	17.0	123	9.83
8700025		0.26	>100	1.22	794	3.27	20	20	0.28	6.70	3.51	55.7	17.30	28.4	38	1.86
8700026		6.54	0.10	1.45	0.7	<0.02	<10	140	0.17	0.03	1.76	0.07	46.3	12.4	37	6.44
8700027		13.41	0.06	2.70	0.3	<0.02	10	50	0.32	0.03	3.09	0.08	15.15	21.3	71	12.70
8700028		10.60	0.12	1.49	0.4	<0.02	<10	30	0.24	0.01	1.76	0.05	16.95	9.5	99	7.21
8700029		7.67	0.04	1.85	0.4	<0.02	<10	250	0.23	0.03	3.73	0.07	23.3	13.7	100	12.20
8700030		11.71	0.05	2.13	0.4	<0.02	<10	140	0.17	0.02	2.01	0.03	7.63	18.6	99	5.47
8700031		8.03	0.04	2.16	0.2	<0.02	<10	80	0.21	0.01	1.25	0.02	17.50	15.9	31	6.92
8700032		13.72	0.04	2.17	0.3	<0.02	<10	100	0.28	0.01	1.38	0.04	11.30	16.8	54	7.09
8700033		12.36	0.03	2.57	0.2	<0.02	<10	170	0.26	0.02	2.66	0.07	8.90	28.3	997	3.56
8700034		8.48	0.05	1.08	0.2	<0.02	<10	40	0.12	0.03	1.62	0.05	1.77	9.0	205	1.96
8700035		<0.02	0.06	1.13	0.1	<0.02	<10	50	0.14	0.03	1.67	0.05	1.69	9.4	211	2.00
8700036		5.21	0.03	1.71	0.6	<0.02	<10	60	0.13	0.03	4.30	0.13	1.36	33.7	788	1.37
8700037		7.97	0.04	1.22	0.2	<0.02	<10	70	0.14	0.03	1.18	0.03	3.92	10.2	166	3.79
8700038		7.69	0.02	1.53	0.2	<0.02	<10	40	0.17	0.01	1.44	0.05	4.81	11.1	105	5.01
8700039		16.51	0.03	1.61	0.3	<0.02	<10	90	0.23	0.01	1.70	0.04	10.55	14.0	56	4.20
8700040		7.10	0.04	1.37	0.4	<0.02	<10	220	0.29	0.02	0.96	0.08	31.1	9.2	16	5.28

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

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Account: F

Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205877

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
B700001		49.5	4.08	7.00	0.08	0.08	0.01	0.025	0.28	18.9	12.6	1.15	543	5.08	0.05	2.60
B700002		59.0	3.49	6.77	0.08	0.07	0.02	0.025	0.19	16.1	13.6	1.17	480	9.89	0.05	3.25
B700003		66.0	3.70	6.75	0.08	0.08	0.02	0.025	0.17	16.9	14.9	1.16	535	13.90	0.05	2.85
B700004		41.6	3.16	5.70	0.06	0.07	0.02	0.028	0.15	15.2	12.5	0.91	437	4.05	0.04	2.27
B700005		7060	8.87	6.82	0.10	0.13	0.47	2.63	0.23	7.1	5.6	1.14	614	51.0	0.32	0.14
B700006		36.9	3.09	5.34	0.07	0.06	0.01	0.021	0.16	15.0	11.0	0.83	412	2.29	0.05	2.25
B700007		31.7	2.97	5.56	0.07	0.07	0.01	0.021	0.16	15.9	12.6	1.02	516	2.10	0.05	1.75
B700008		30.6	3.31	5.72	0.07	0.09	0.01	0.022	0.17	23.4	13.9	1.03	531	1.99	0.07	1.44
B700009		30.7	4.87	6.74	0.09	0.09	0.01	0.054	0.29	11.7	13.7	1.07	686	1.26	0.06	0.22
B700010		22.9	4.48	5.74	0.06	0.11	<0.01	0.034	0.20	6.4	9.8	0.90	658	0.97	0.14	0.06
B700011		10.6	3.63	5.24	0.08	0.08	0.01	0.026	0.13	10.3	10.9	0.86	461	0.86	0.13	0.12
B700012		21.0	3.23	4.67	0.07	0.07	<0.01	0.016	0.11	7.3	10.5	0.64	339	0.89	0.08	<0.05
B700013		17.9	3.53	4.98	0.05	0.07	<0.01	0.026	0.10	9.6	10.6	0.87	446	0.68	0.09	<0.05
B700014		14.4	3.11	4.59	0.06	0.05	<0.01	0.028	0.13	10.2	12.5	0.86	434	0.80	0.05	<0.05
B700015		1.1	0.16	0.09	0.05	<0.02	<0.01	<0.005	0.01	1.2	0.6	0.72	113	0.07	<0.01	<0.05
B700016		6.4	2.14	3.39	0.09	0.03	<0.01	0.026	0.06	24.3	7.3	0.31	219	0.74	0.04	0.15
B700017		9.2	2.43	3.53	0.08	0.03	<0.01	0.036	0.07	27.7	7.4	0.39	362	0.68	0.04	0.14
B700018		7.7	1.95	3.00	0.08	0.03	<0.01	0.027	0.07	28.6	6.2	0.23	179	1.13	0.04	0.11
B700019		20.8	2.58	4.40	0.07	0.05	0.01	0.026	0.11	19.9	11.3	0.60	366	1.58	0.03	0.09
B700020		43.0	1.97	3.77	0.10	0.05	0.01	0.031	0.12	20.7	12.2	0.40	317	0.97	0.02	0.07
B700021		35.0	4.18	5.89	0.05	0.06	0.01	0.024	0.26	8.1	25.1	2.42	805	0.55	0.02	<0.05
B700022		38.9	2.18	3.28	<0.05	0.05	<0.01	0.008	0.13	3.2	16.3	1.72	359	0.73	0.09	0.06
B700023		31.7	4.66	6.59	0.07	0.14	<0.01	0.021	0.12	11.3	35.3	2.53	857	0.64	0.02	<0.05
B700024		52.5	2.93	5.05	0.06	0.11	<0.01	0.015	0.13	5.4	21.9	1.77	470	0.74	0.06	<0.05
B700025		5320	7.40	5.19	0.11	0.21	5.56	0.735	0.25	8.2	9.3	1.24	716	305	0.05	0.26
B700026		38.7	2.36	3.74	0.07	0.08	<0.01	0.012	0.08	26.7	15.4	1.03	427	1.17	0.04	<0.05
B700027		30.9	3.81	6.70	0.06	0.10	<0.01	0.018	0.15	9.6	37.9	2.19	737	0.43	0.02	<0.05
B700028		38.6	2.07	3.53	<0.05	0.05	<0.01	0.009	0.09	10.7	17.2	1.15	387	0.92	0.05	<0.05
B700029		17.8	2.30	4.27	0.06	0.07	<0.01	0.013	0.13	14.6	21.6	1.64	612	0.72	0.03	<0.05
B700030		42.5	2.59	4.25	0.05	0.09	<0.01	0.011	0.12	4.1	21.5	1.97	480	0.90	0.07	<0.05
B700031		25.5	3.34	4.91	0.07	0.09	<0.01	0.011	0.12	9.4	24.7	1.98	489	0.93	0.03	<0.05
B700032		24.5	3.28	4.90	0.08	0.09	<0.01	0.011	0.13	6.4	25.6	1.94	468	0.82	0.06	<0.05
B700033		92.1	3.94	4.97	0.14	0.09	<0.01	0.018	0.06	4.8	47.8	4.49	653	0.69	0.04	<0.05
B700034		29.3	1.37	2.32	<0.05	0.03	<0.01	0.005	0.05	0.9	17.2	1.40	334	1.03	0.06	<0.05
B700035		33.4	1.23	2.37	<0.05	0.03	<0.01	<0.005	0.06	0.9	17.5	1.44	322	0.99	0.07	<0.05
B700036		117.0	2.87	3.27	0.15	0.04	<0.01	0.009	0.03	0.6	27.0	3.15	788	0.44	0.02	<0.05
B700037		23.1	1.58	2.86	0.05	0.06	<0.01	0.006	0.06	1.8	15.9	1.26	315	1.02	0.05	0.05
B700038		34.0	1.98	3.39	0.07	0.08	<0.01	0.007	0.07	2.1	17.4	1.45	370	0.98	0.09	0.08
B700039		15.0	2.50	4.26	0.08	0.08	<0.01	0.015	0.08	5.6	18.5	1.64	468	0.72	0.06	<0.05
B700040		41.1	3.01	5.12	0.08	0.06	<0.01	0.020	0.12	15.3	15.0	0.81	389	1.36	0.04	0.08

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ALS Canada Ltd.
2103 Dollarton Hwy
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CERTIFICATE OF ANALYSIS WH20205877

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
8700001		77.7	680	7.0	17.3	<0.001	0.04	0.28	6.2	0.3	0.5	35.2	<0.01	0.03	6.2	0.175
8700002		107.5	740	7.4	14.4	<0.001	0.04	0.37	6.7	0.3	0.4	40.2	<0.01	0.04	4.7	0.179
8700003		119.0	790	7.7	13.0	0.001	0.05	0.56	6.3	0.6	0.5	48.4	<0.01	0.05	4.2	0.158
8700004		57.5	800	18.2	10.9	0.001	0.07	0.58	5.7	0.6	0.4	43.8	<0.01	0.04	3.7	0.122
8700005		356	670	8830	15.0	0.015	6.89	24.5	4.8	13.3	6.0	72.5	<0.01	0.83	2.2	0.055
8700006		39.7	760	13.0	10.9	0.001	0.07	0.47	5.3	0.6	0.4	48.1	<0.01	0.03	4.1	0.123
8700007		41.2	660	8.3	10.1	0.001	0.05	0.29	6.7	0.2	0.4	54.4	<0.01	0.03	4.8	0.126
8700008		40.7	600	6.6	12.6	<0.001	0.03	0.24	7.8	0.4	0.4	48.3	<0.01	0.02	7.1	0.100
8700009		34.1	910	4.8	30.9	<0.001	0.02	0.09	15.8	0.2	0.5	56.3	<0.01	0.01	2.7	0.037
8700010		20.1	940	2.4	19.8	<0.001	0.06	0.06	14.0	0.2	0.4	60.3	<0.01	0.01	1.6	0.046
8700011		10.2	910	2.6	10.6	<0.001	0.35	0.06	9.5	0.2	0.4	49.3	<0.01	0.02	3.9	0.049
8700012		7.7	810	1.7	7.1	0.001	0.45	<0.05	7.5	0.2	0.3	94.7	<0.01	0.01	2.0	0.039
8700013		7.5	760	2.2	6.3	<0.001	0.47	<0.05	7.7	0.2	0.4	58.3	<0.01	0.01	2.5	0.034
8700014		15.4	350	1.8	13.4	<0.001	0.05	<0.05	6.4	0.2	0.4	65.8	<0.01	<0.01	2.5	0.016
8700015		0.9	80	0.2	0.3	<0.001	0.02	<0.05	0.2	0.2	<0.2	83.7	<0.01	0.01	<0.2	<0.005
8700016		9.4	100	0.7	4.4	<0.001	0.10	<0.05	2.8	<0.2	0.4	25.1	<0.01	<0.01	8.4	0.018
8700017		15.9	100	2.2	6.6	<0.001	0.10	<0.05	3.3	0.2	0.5	38.7	<0.01	0.01	9.2	0.017
8700018		6.2	110	1.3	5.3	<0.001	0.26	<0.05	2.9	<0.2	0.4	20.6	<0.01	0.02	9.3	0.011
8700019		15.4	230	2.5	9.5	<0.001	0.17	<0.05	4.9	<0.2	0.4	53.1	<0.01	0.01	5.6	0.015
8700020		29.7	190	1.6	11.2	0.001	0.07	<0.05	3.8	0.2	0.4	53.3	<0.01	<0.01	5.7	0.012
8700021		77.0	460	1.9	23.3	0.001	0.04	<0.05	13.7	0.2	0.4	133.0	<0.01	0.01	1.6	0.006
8700022		63.3	820	0.9	9.7	<0.001	0.01	<0.05	4.1	0.2	0.2	72.7	<0.01	0.01	0.6	0.033
8700023		101.0	500	1.0	13.1	<0.001	0.02	<0.05	16.2	<0.2	0.4	100.0	<0.01	0.06	3.2	0.030
8700024		41.3	330	1.6	10.5	<0.001	0.04	<0.05	10.5	<0.2	0.3	61.1	<0.01	0.02	1.7	0.053
8700025		37.8	830	6570	11.4	0.193	7.23	305	4.1	14.8	3.3	192.5	<0.01	2.25	2.3	0.046
8700026		24.3	150	3.3	7.0	0.001	0.06	0.12	5.6	<0.2	0.3	52.5	<0.01	0.02	10.1	0.014
8700027		44.0	230	2.2	14.0	<0.001	0.03	0.05	13.7	0.2	0.3	85.1	<0.01	0.04	1.6	0.019
8700028		33.4	200	1.7	7.3	<0.001	0.01	<0.05	5.5	<0.2	0.3	46.0	<0.01	0.02	2.1	0.007
8700029		42.5	420	2.8	11.4	<0.001	0.02	<0.05	7.8	<0.2	0.3	85.7	<0.01	<0.01	3.2	0.016
8700030		80.1	120	1.9	7.7	<0.001	0.02	<0.05	8.3	<0.2	0.2	53.1	<0.01	0.02	1.9	0.044
8700031		24.1	260	1.1	8.9	<0.001	0.03	<0.05	8.6	<0.2	0.2	42.4	<0.01	0.02	3.2	0.047
8700032		33.4	280	1.3	9.1	<0.001	0.04	<0.05	8.7	<0.2	0.3	51.4	<0.01	0.01	2.3	0.055
8700033		187.0	280	1.1	4.8	<0.001	0.01	<0.05	19.3	<0.2	0.3	64.8	<0.01	0.03	1.5	0.046
8700034		71.3	50	1.8	2.9	<0.001	0.01	<0.05	3.2	<0.2	<0.2	44.3	<0.01	0.03	0.2	0.019
8700035		72.2	50	1.9	3.3	<0.001	0.01	0.05	3.4	<0.2	<0.2	45.2	<0.01	0.04	0.2	0.021
8700036		249	90	2.3	2.2	0.002	0.04	<0.05	8.9	0.4	<0.2	78.5	<0.01	0.06	0.2	0.024
8700037		49.5	500	1.8	4.2	<0.001	0.01	<0.05	3.8	<0.2	0.2	58.8	<0.01	0.01	0.3	0.037
8700038		39.4	800	0.9	5.3	<0.001	0.01	<0.05	5.3	<0.2	0.3	49.9	<0.01	0.02	0.4	0.066
8700039		18.8	350	1.2	6.2	<0.001	0.02	<0.05	7.7	<0.2	0.2	66.3	<0.01	0.01	1.4	0.074
8700040		17.3	330	1.2	7.5	<0.001	0.01	<0.05	4.8	<0.2	0.4	43.6	<0.01	0.01	4.8	0.037

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205877

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Au-ICP21 Au ppm 0.001
B700001		0.11	0.90	58	1.93	9.62	89	3.6		0.001
B700002		0.10	0.77	62	1.56	9.87	72	3.2		0.005
B700003		0.12	0.90	65	1.80	10.00	74	3.0		0.011
B700004		0.09	0.85	59	1.89	9.11	85	2.6		0.014
B700005		1.61	5.23	312	2.58	8.12	8200	3.9		1.790
B700006		0.08	0.76	54	2.51	8.69	74	2.5		0.005
B700007		0.08	0.74	53	1.67	8.41	61	2.8		0.005
B700008		0.09	0.56	55	1.88	8.67	57	2.9		0.001
B700009		0.19	0.61	120	0.90	13.85	72	2.3		0.001
B700010		0.12	0.40	117	0.59	11.75	59	1.9		<0.001
B700011		0.06	0.49	68	1.12	10.35	73	1.4		<0.001
B700012		0.04	0.23	50	2.12	6.87	51	1.3		<0.001
B700013		0.03	0.36	57	1.06	8.88	91	1.0		0.001
B700014		0.07	0.39	47	0.68	11.00	53	1.0		0.001
B700015		<0.02	0.15	<1	<0.05	2.35	<2	<0.5		0.001
B700016		0.02	0.61	8	1.61	14.30	18	0.7		0.001
B700017		0.04	0.67	7	1.26	18.90	20	0.9		<0.001
B700018		0.03	0.45	6	1.62	16.05	14	0.6		0.002
B700019		0.06	0.72	23	1.00	14.50	24	1.0		<0.001
B700020		0.07	0.94	8	0.35	19.40	14	1.2		<0.001
B700021		0.15	0.42	65	0.12	11.70	51	1.2		<0.001
B700022		0.04	0.12	30	0.15	2.58	27	1.0		<0.001
B700023		0.06	0.24	92	0.22	9.33	59	1.8		<0.001
B700024		0.06	0.15	67	0.21	6.53	42	1.5		0.001
B700025		6.68	1.44	74	18.85	7.50	9980	5.5	120	3.82
B700026		0.08	0.18	35	0.49	5.51	36	1.3		0.003
B700027		0.08	0.16	91	0.19	9.29	56	1.4		0.004
B700028		0.03	0.09	32	0.38	4.11	26	0.9		0.002
B700029		0.04	0.16	45	0.31	6.36	35	1.2		0.001
B700030		0.04	0.14	47	0.21	3.76	38	1.3		0.001
B700031		0.04	0.21	66	0.29	5.03	47	1.1		0.003
B700032		0.05	0.14	64	0.23	4.55	46	1.3		0.001
B700033		0.02	0.12	93	0.12	4.83	40	1.6		0.004
B700034		<0.02	0.05	22	0.41	1.63	17	0.6		0.001
B700035		<0.02	0.05	23	0.38	1.68	18	0.6		0.001
B700036		0.02	0.06	56	0.12	2.44	37	0.9		0.002
B700037		0.02	0.14	30	0.55	2.43	22	1.0		<0.001
B700038		0.02	0.12	42	0.38	3.41	26	1.4		0.001
B700039		0.02	0.16	64	0.29	6.37	33	1.6		0.001
B700040		0.03	0.77	35	0.47	11.85	45	1.1		0.001

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ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205877

	CERTIFICATE COMMENTS			
	ANALYTICAL COMMENTS			
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41			
	LABORATORY ADDRESSES			
	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
Applies to Method:	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
Applies to Method:	Ag-OG46	Au-ICP21	ME-MS41	ME-OG46



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CERTIFICATE WH20205882

Project: SIXTY MILE

This report is for 40 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 16-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20205882

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700041		6.45	0.13	2.05	0.6	<0.02	<10	140	0.43	0.03	1.89	0.21	15.60	15.6	16	5.64
8700042		9.63	0.04	2.08	0.3	<0.02	<10	260	0.38	0.04	2.40	0.13	14.20	16.6	17	12.90
8700043		10.57	0.04	2.27	0.3	<0.02	<10	50	0.33	0.02	1.92	0.06	8.01	19.9	9	5.57
8700044		7.28	0.10	2.16	0.8	<0.02	<10	290	0.26	0.03	0.98	0.05	31.1	10.3	11	9.09
8700045		0.26	33.4	4.59	144.0	1.05	<10	40	0.22	11.20	4.39	35.4	12.40	89.4	55	0.95
8700046		7.99	0.11	1.43	0.9	<0.02	<10	440	0.16	0.05	0.48	0.08	57.9	7.9	31	3.04
8700047		8.25	0.08	1.96	0.7	<0.02	<10	680	0.34	0.05	1.87	0.13	25.0	9.6	29	5.89
8700048		13.03	0.08	1.53	0.5	<0.02	<10	350	0.29	0.05	0.53	0.11	64.8	8.8	25	4.71
8700049		13.80	0.13	1.53	0.5	<0.02	<10	390	0.32	0.03	0.60	0.07	73.9	11.3	23	6.37
8700050		15.68	0.16	2.69	0.4	<0.02	10	520	0.62	0.05	1.99	0.19	43.3	18.1	87	11.65
8700051		10.43	0.04	1.62	0.2	<0.02	<10	110	0.23	0.01	2.02	0.08	5.19	15.0	81	2.55
8700052		3.72	0.33	1.91	2.4	<0.02	<10	240	0.41	0.06	1.14	0.16	27.8	13.6	84	2.71
8700053		5.70	0.23	1.89	3.5	<0.02	<10	210	0.46	0.10	1.05	0.16	27.5	14.7	89	1.64
8700054		7.95	0.25	1.74	5.8	<0.02	<10	270	0.44	0.10	1.08	0.33	28.2	13.5	69	1.08
8700055		5.28	0.01	0.02	0.3	<0.02	<10	10	<0.05	0.02	>25.0	0.02	1.14	0.7	<1	<0.05
8700056		5.44	0.14	1.71	4.3	<0.02	<10	230	0.47	0.08	1.37	0.27	23.2	13.5	80	0.82
8700057		11.95	0.10	1.94	3.1	<0.02	<10	270	0.61	0.06	1.09	0.18	31.0	15.9	87	0.99
8700058		20.18	0.20	2.62	1.9	<0.02	<10	230	0.86	0.07	2.81	0.22	29.6	22.1	130	2.95
8700059		3.75	0.15	2.34	2.4	<0.02	<10	230	0.57	0.06	5.47	0.19	19.20	29.6	336	7.99
8700060		8.92	0.06	0.97	0.9	<0.02	<10	190	0.26	0.03	11.25	0.20	3.45	72.4	915	5.48
8700061		2.57	0.05	0.48	0.5	<0.02	<10	130	0.29	0.02	10.90	0.13	0.76	55.3	568	20.8
8700062		8.11	0.04	1.33	0.5	<0.02	<10	220	0.55	0.03	7.97	0.21	23.8	42.8	368	45.5
8700063		3.98	0.05	0.88	0.2	<0.02	<10	150	0.38	0.02	4.99	0.14	36.1	27.9	216	20.4
8700064		6.83	0.07	1.68	0.2	<0.02	10	400	0.68	0.03	4.72	0.33	27.5	26.0	177	72.2
8700065		0.26	>100	1.24	797	3.61	20	20	0.34	8.07	3.49	54.8	19.05	29.3	38	2.11
8700066		10.88	0.07	1.69	0.5	<0.02	<10	90	0.84	0.03	7.16	0.40	3.51	42.2	470	34.0
8700067		7.35	0.03	1.84	0.2	<0.02	<10	240	0.78	0.02	8.12	0.32	4.05	36.9	439	41.8
8700068		8.90	0.18	0.99	0.3	<0.02	<10	340	0.41	0.03	4.00	0.23	49.7	18.7	199	14.10
8700069		11.22	0.08	1.35	0.3	<0.02	<10	270	0.42	0.04	0.98	0.14	77.3	8.8	32	23.9
8700070		6.73	0.23	0.93	0.6	<0.02	<10	180	0.44	0.13	1.86	0.32	58.2	10.7	27	12.95
8700071		6.39	0.08	1.23	0.6	<0.02	10	140	0.47	0.16	2.14	0.26	58.7	9.7	23	15.85
8700072		7.32	0.06	1.44	0.7	<0.02	<10	210	0.36	0.02	0.73	0.15	76.2	10.3	26	8.61
8700073		7.17	0.08	1.21	0.4	<0.02	<10	490	0.30	0.02	1.52	0.10	28.4	7.9	9	12.75
8700074		7.36	0.08	1.80	0.5	<0.02	<10	50	0.49	0.03	2.01	0.07	12.05	17.9	7	18.05
8700075		<0.02	0.09	1.89	0.5	<0.02	<10	50	0.54	0.03	2.09	0.09	12.50	18.4	7	19.45
8700076		7.89	0.06	1.73	0.4	<0.02	<10	20	0.40	0.02	1.81	0.07	12.20	17.6	9	7.52
8700077		7.33	0.05	1.66	0.2	<0.02	<10	20	0.38	0.02	1.98	0.06	10.65	14.9	7	11.45
8700078		9.48	0.09	2.05	4.4	<0.02	10	540	0.50	0.11	4.36	0.23	18.60	24.6	20	18.60
8700079		7.93	0.08	2.15	1.4	<0.02	10	60	0.54	0.07	2.95	0.07	11.55	25.5	10	17.60
8700080		10.41	0.06	2.20	0.5	<0.02	10	70	0.47	0.07	2.89	0.10	34.0	24.5	36	25.4

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205882

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
8700041		12.4	4.11	6.66	0.08	0.10	<0.01	0.029	0.16	8.1	17.1	1.27	639	0.96	0.11	<0.05
8700042		13.9	3.99	6.66	0.09	0.11	<0.01	0.026	0.39	7.2	22.7	1.25	561	1.02	0.05	<0.05
8700043		10.1	4.93	7.74	0.10	0.15	<0.01	0.033	0.12	3.9	21.8	1.66	710	0.86	0.14	<0.05
8700044		25.1	4.82	10.05	0.12	0.05	0.01	0.066	0.36	14.4	27.9	1.58	471	1.06	0.04	0.06
8700045		6890	8.63	6.56	0.10	0.12	0.49	2.50	0.23	6.6	5.6	1.10	594	51.3	0.31	0.16
8700046		36.6	2.42	5.05	0.10	0.02	0.01	0.019	0.58	30.3	13.0	0.75	289	2.24	0.05	0.06
8700047		33.0	2.89	5.95	0.09	0.04	<0.01	0.015	0.91	12.7	19.1	1.43	511	2.02	0.04	0.15
8700048		27.4	2.37	5.12	0.10	0.02	<0.01	0.017	0.43	32.8	17.4	0.76	199	1.52	0.02	0.09
8700049		63.5	2.22	5.06	0.11	0.02	<0.01	0.016	0.46	37.3	15.8	0.78	163	2.50	0.02	0.07
8700050		43.2	3.41	7.83	0.10	0.04	<0.01	0.026	0.68	21.4	32.4	1.68	475	0.99	0.02	<0.05
8700051		37.8	2.39	4.29	0.08	0.11	<0.01	0.013	0.15	2.5	13.2	1.37	445	1.03	0.17	0.11
8700052		34.0	3.06	6.32	0.08	0.04	0.02	0.025	0.20	14.6	14.5	1.19	380	5.18	0.05	2.62
8700053		35.9	2.97	6.36	0.08	0.05	0.01	0.026	0.19	14.2	13.7	1.24	410	3.69	0.05	2.75
8700054		41.6	2.75	5.55	0.08	0.06	0.02	0.026	0.18	14.9	13.2	0.99	431	3.41	0.05	2.13
8700055		2.1	0.09	0.09	0.05	<0.02	<0.01	<0.005	0.01	1.2	0.6	0.70	102	0.17	0.01	0.12
8700056		41.6	2.66	5.11	0.07	0.07	0.01	0.021	0.16	11.9	12.7	1.09	354	3.58	0.05	2.69
8700057		31.1	3.05	6.65	0.07	0.07	<0.01	0.027	0.25	15.2	13.8	1.32	465	5.23	0.05	2.89
8700058		34.1	4.16	10.30	0.10	0.15	<0.01	0.039	0.20	14.4	19.4	2.43	767	2.62	0.04	1.65
8700059		38.5	3.72	6.91	0.07	0.09	0.01	0.035	0.28	9.0	17.4	3.44	741	2.38	0.02	0.48
8700060		37.3	3.69	2.18	<0.05	0.03	0.01	0.011	0.09	1.7	7.9	6.37	778	0.68	0.01	<0.05
8700061		66.3	3.91	1.11	<0.05	<0.02	<0.01	0.006	0.13	0.4	5.7	7.77	807	0.28	0.02	<0.05
8700062		18.3	3.67	4.17	0.06	0.04	<0.01	0.028	0.40	12.1	12.3	4.98	701	0.49	0.02	0.05
8700063		20.4	3.37	2.88	0.05	0.02	<0.01	0.015	0.28	17.5	9.8	4.10	600	0.47	0.01	<0.05
8700064		30.9	4.02	6.68	0.08	0.04	<0.01	0.046	0.62	12.9	32.9	4.15	724	0.22	0.02	0.06
8700065		5280	7.44	5.22	0.11	0.21	5.32	0.795	0.25	8.5	10.0	1.24	724	304	0.05	0.28
8700066		7.5	5.20	5.92	0.05	0.14	<0.01	0.046	0.34	1.5	15.9	6.17	1220	0.26	0.02	<0.05
8700067		7.9	4.76	6.29	0.05	0.10	<0.01	0.031	0.42	1.9	18.9	6.34	1290	0.12	0.02	<0.05
8700068		44.8	3.03	3.68	0.07	0.04	<0.01	0.023	0.20	24.5	8.9	2.78	820	0.28	0.02	<0.05
8700069		20.7	3.54	4.94	0.10	0.02	<0.01	0.026	0.58	38.9	19.0	1.08	492	0.34	0.02	0.09
8700070		69.2	3.03	3.45	0.09	0.04	<0.01	0.036	0.32	28.6	11.3	1.04	630	0.41	0.01	0.06
8700071		35.9	3.24	3.87	0.08	0.04	<0.01	0.029	0.32	29.0	21.0	1.07	575	0.64	0.02	<0.05
8700072		33.3	3.25	4.61	0.10	0.02	<0.01	0.020	0.47	38.2	12.6	0.89	338	0.97	0.02	0.08
8700073		18.1	3.43	5.67	0.08	0.03	<0.01	0.051	0.31	12.9	13.1	0.94	493	0.51	0.04	0.07
8700074		20.8	4.74	6.32	0.08	0.11	<0.01	0.039	0.22	5.9	9.5	1.12	534	0.32	0.08	<0.05
8700075		23.3	4.82	6.78	0.07	0.11	<0.01	0.044	0.23	6.0	10.0	1.14	550	0.32	0.09	<0.05
8700076		21.0	4.17	6.59	0.08	0.11	<0.01	0.040	0.13	6.1	8.1	1.09	456	0.49	0.16	<0.05
8700077		12.2	3.98	5.85	0.06	0.09	<0.01	0.035	0.15	5.2	8.2	0.99	468	0.31	0.11	<0.05
8700078		15.2	5.44	6.53	0.13	0.09	<0.01	0.032	0.26	9.3	22.6	1.47	934	0.22	0.03	<0.05
8700079		11.2	5.18	6.42	0.07	0.11	<0.01	0.031	0.27	5.0	16.8	1.04	612	0.40	0.01	<0.05
8700080		34.7	4.57	7.83	0.08	0.10	<0.01	0.049	0.25	17.0	21.9	1.28	663	0.34	0.02	<0.05

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205882

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %	ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
8700041		10.8	860	1.3	10.2	<0.001	0.23	0.23	9.7	<0.2	0.6	59.4	<0.01	0.02	2.2	0.067
8700042		9.8	730	2.0	29.1	<0.001	0.16	0.05	9.5	<0.2	0.4	85.9	<0.01	0.02	1.8	0.131
8700043		4.7	810	0.8	9.4	0.001	0.07	<0.05	14.8	<0.2	0.4	49.4	<0.01	0.02	0.9	0.079
8700044		3.9	460	2.1	27.0	0.001	0.15	<0.05	11.4	0.4	0.8	19.7	<0.01	0.05	2.8	0.080
8700045		341	650	8580	13.9	0.019	6.80	24.7	4.5	14.3	5.8	70.5	<0.01	0.71	1.9	0.053
8700046		20.7	330	7.1	36.7	0.002	0.23	0.05	4.0	0.7	0.2	21.8	<0.01	0.03	11.4	0.079
8700047		17.4	540	5.1	56.8	0.002	0.21	<0.05	5.0	1.3	0.4	73.3	<0.01	0.03	3.8	0.146
8700048		26.1	620	3.2	25.3	0.002	0.15	0.06	3.1	0.8	0.2	39.7	<0.01	0.07	10.9	0.041
8700049		33.2	640	6.6	32.0	0.001	0.18	<0.05	2.9	1.5	0.2	41.5	<0.01	0.04	12.2	0.043
8700050		66.7	750	5.3	51.1	0.001	0.06	<0.05	8.7	0.4	0.5	80.2	<0.01	0.06	5.6	0.051
8700051		40.7	800	1.1	8.8	0.001	0.01	<0.05	8.9	0.3	0.4	49.4	<0.01	0.01	0.5	0.201
8700052		47.3	840	5.1	14.8	0.001	0.07	0.21	7.3	0.6	0.4	43.3	<0.01	0.02	3.7	0.143
8700053		54.6	950	5.8	14.8	0.001	0.04	0.25	6.5	0.3	0.5	43.1	<0.01	0.03	3.6	0.156
8700054		47.9	830	9.2	13.9	0.001	0.10	0.50	5.6	1.0	0.5	44.8	<0.01	0.04	3.2	0.119
8700055		1.3	70	1.0	0.3	<0.001	0.02	0.11	0.2	0.4	<0.2	79.9	<0.01	<0.01	<0.2	<0.005
8700056		59.2	1040	7.6	11.2	0.001	0.09	0.45	4.7	0.7	0.4	47.7	<0.01	0.02	2.9	0.145
8700057		55.7	950	8.4	15.0	0.001	0.05	0.25	6.3	0.7	0.4	40.8	<0.01	0.03	4.4	0.159
8700058		80.4	1020	9.3	12.8	<0.001	0.07	0.14	12.7	0.2	0.8	88.2	<0.01	0.02	3.7	0.225
8700059		308	620	6.2	18.0	0.001	0.05	0.22	12.7	0.6	0.5	290	<0.01	0.04	2.6	0.067
8700060		1010	230	1.7	8.4	0.002	0.03	0.09	11.0	0.4	0.2	656	<0.01	0.04	0.4	0.010
8700061		1260	60	1.0	19.9	<0.001	0.02	0.09	7.6	<0.2	<0.2	488	<0.01	0.05	<0.2	0.006
8700062		908	580	2.9	50.8	<0.001	0.03	0.06	9.1	<0.2	0.4	358	<0.01	0.03	4.2	0.025
8700063		473	250	3.2	30.1	<0.001	0.03	<0.05	7.8	<0.2	<0.2	244	<0.01	0.04	5.8	0.017
8700064		337	330	5.7	87.6	<0.001	0.02	0.05	11.6	0.3	0.5	193.0	<0.01	0.08	4.9	0.067
8700065		40.7	820	6550	12.0	0.215	7.28	302	4.4	13.2	3.4	191.0	<0.01	2.20	2.6	0.048
8700066		612	30	5.2	37.8	<0.001	0.02	0.17	9.0	0.2	0.5	307	<0.01	0.03	0.4	0.013
8700067		611	70	3.0	47.8	<0.001	0.03	0.06	9.5	0.2	0.4	305	<0.01	0.04	0.6	0.025
8700068		251	460	4.6	19.9	<0.001	0.05	0.05	8.7	<0.2	0.2	150.5	<0.01	0.06	7.4	0.008
8700069		51.2	680	5.4	54.9	<0.001	0.03	0.06	8.7	<0.2	0.3	33.1	<0.01	0.04	12.6	0.058
8700070		49.2	750	14.0	32.8	0.001	0.09	0.10	9.1	0.4	0.4	43.2	<0.01	0.08	9.7	0.017
8700071		41.6	990	16.7	29.1	0.001	0.06	0.07	9.6	0.4	0.3	54.5	<0.01	0.03	9.4	0.017
8700072		36.9	740	4.9	38.0	<0.001	0.14	<0.05	5.7	0.9	0.3	19.5	<0.01	0.05	12.2	0.047
8700073		10.7	300	3.0	25.4	0.001	0.13	<0.05	8.4	0.2	0.7	46.0	<0.01	0.01	2.5	0.044
8700074		6.6	790	1.6	23.2	<0.001	0.22	0.05	14.4	0.2	0.4	70.2	<0.01	0.01	1.2	0.039
8700075		6.7	780	1.7	25.3	<0.001	0.21	0.06	15.3	<0.2	0.4	76.1	<0.01	0.01	1.1	0.042
8700076		5.4	760	1.4	12.1	<0.001	0.41	<0.05	12.6	0.3	0.5	53.3	<0.01	0.01	1.5	0.063
8700077		5.2	770	1.0	16.2	<0.001	0.17	<0.05	12.6	<0.2	0.4	55.0	<0.01	0.01	1.8	0.029
8700078		4.6	760	6.3	27.5	<0.001	0.43	0.07	14.4	31.6	0.3	117.0	<0.01	0.25	1.3	0.015
8700079		4.2	920	2.8	28.6	<0.001	0.07	0.09	11.6	0.2	0.3	130.0	<0.01	0.07	1.0	0.052
8700080		18.9	1040	2.5	28.8	<0.001	0.03	0.07	12.6	0.3	0.5	111.5	<0.01	0.05	4.8	0.017

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20205882

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Zn-OC46 Zn % 0.001	Au-ICP21 Au ppm 0.001
8700041		0.03	0.41	78	0.49	10.60	126	1.5			0.002
8700042		0.09	0.43	93	0.44	10.60	81	1.8			0.001
8700043		0.02	0.16	155	0.31	10.65	67	1.8			0.001
8700044		0.10	0.41	82	0.43	16.35	115	0.5			0.002
8700045		1.61	4.73	304	2.44	7.63	8040	3.6			1.440
8700046		0.27	0.47	49	0.76	11.70	79	<0.5			0.002
8700047		0.37	0.70	57	0.61	7.76	83	0.8			0.001
8700048		0.16	1.01	42	0.58	11.35	83	<0.5			0.001
8700049		0.21	1.10	36	0.47	9.96	86	<0.5			0.002
8700050		0.23	0.69	78	0.27	12.45	93	0.5			0.001
8700051		0.03	0.13	71	0.17	7.04	38	1.7			0.002
8700052		0.11	0.77	65	4.34	10.15	65	1.4			0.002
8700053		0.11	0.78	65	3.13	9.28	63	1.7			0.002
8700054		0.10	1.05	62	2.52	9.91	80	2.4			0.015
8700055		<0.02	0.14	<1	<0.05	2.47	3	<0.5			0.003
8700056		0.09	0.92	61	2.53	8.25	66	2.5			0.004
8700057		0.12	0.63	64	5.05	8.88	67	2.0			0.002
8700058		0.09	1.07	101	3.13	11.65	85	2.8			0.002
8700059		0.12	1.58	90	0.95	10.95	69	1.8			0.002
8700060		0.10	0.66	53	0.21	4.24	31	1.0			0.002
8700061		0.12	0.19	27	0.18	1.21	27	0.8			0.003
8700062		0.30	0.93	46	0.12	7.93	67	1.4			0.001
8700063		0.20	0.99	36	0.29	6.47	78	1.1			0.001
8700064		0.54	0.74	57	0.17	10.85	137	1.4			0.001
8700065		7.55	1.66	76	17.25	8.00	10000	5.8	146	1.175	4.20
8700066		0.21	0.23	73	0.05	6.67	164	2.0			0.002
8700067		0.22	0.35	60	<0.05	7.00	124	2.0			0.001
8700068		0.15	1.26	46	0.19	11.70	72	1.0			0.001
8700069		0.37	1.16	57	0.41	13.45	84	0.7			0.001
8700070		0.17	1.50	54	0.45	17.05	74	1.0			0.001
8700071		0.17	1.45	53	0.49	18.20	78	1.2			0.001
8700072		0.26	1.29	45	0.51	16.05	102	0.6			0.001
8700073		0.12	0.34	44	0.46	16.55	70	<0.5			0.001
8700074		0.13	0.32	126	0.32	13.45	62	1.3			0.001
8700075		0.13	0.32	131	0.34	14.30	63	1.4			0.003
8700076		0.06	0.37	111	0.32	13.75	58	1.4			0.003
8700077		0.07	0.25	108	0.24	12.70	51	1.1			0.001
8700078		0.13	0.30	161	0.25	21.8	66	1.0			0.004
8700079		0.13	0.23	138	0.25	12.75	50	1.7			0.007
8700080		0.12	0.62	110	0.25	14.80	64	1.5			0.001

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CERTIFICATE OF ANALYSIS WH20205882

	CERTIFICATE COMMENTS
	ANALYTICAL COMMENTS
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. CRU-31 CRU-QC LOG-21 LOG-21d LOG-23 PUL-31 PUL-31d PUL-QC SPL-21 SPL-21d WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Ag-OG46 Au-ICP21 ME-MS41 ME-OG46 Zn-OG46



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CERTIFICATE WH20205884

Project: SIXTY MILE

This report is for 40 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 16-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20205884

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700081		11.54	0.04	2.42	0.5	<0.02	<10	540	0.47	0.02	2.52	0.10	22.1	21.9	35	6.62
8700082		7.63	0.07	2.36	0.4	<0.02	<10	210	0.61	0.03	2.16	0.24	18.10	18.4	30	8.24
8700083		11.54	0.08	2.12	0.4	<0.02	<10	230	0.60	0.06	2.00	0.34	22.9	15.7	18	5.71
8700084		8.12	0.04	2.06	0.5	<0.02	<10	660	0.51	0.02	1.54	0.21	20.5	11.1	15	4.71
8700085		11.76	0.09	1.93	0.7	<0.02	<10	740	0.53	0.01	1.00	0.24	28.8	15.3	20	5.02
8700086		12.43	0.07	2.03	0.4	<0.02	<10	550	0.57	0.03	1.19	0.12	33.8	12.7	22	12.95
8700087		13.70	0.04	2.31	0.5	<0.02	<10	190	0.69	0.02	2.17	0.12	23.9	18.0	10	17.25
8700088		11.11	0.05	2.49	0.4	<0.02	10	100	0.71	0.02	2.45	0.12	19.85	20.0	7	14.80
8700089		11.04	0.05	1.28	0.2	<0.02	<10	150	0.36	0.04	1.30	0.07	51.9	9.6	10	6.72
8700090		0.26	32.8	4.64	143.0	1.31	<10	40	0.21	10.90	4.46	36.1	13.35	92.9	55	1.01
8700091		4.71	0.05	1.10	0.2	<0.02	<10	200	0.29	0.03	0.83	0.05	43.3	9.1	11	5.01
8700092		13.04	0.05	1.46	<0.1	<0.02	10	200	0.40	0.01	1.39	0.11	40.9	12.4	12	5.55
8700093		9.18	0.04	1.41	0.1	<0.02	<10	200	0.41	0.01	1.41	0.09	44.0	11.8	30	6.69
8700094		9.49	0.08	1.20	<0.1	<0.02	<10	150	0.36	0.04	1.39	0.05	39.9	10.7	18	6.90
8700095		6.98	<0.01	0.02	0.2	<0.02	<10	10	<0.05	0.02	>25.0	0.01	1.14	0.6	1	0.05
8700096		12.70	0.08	2.80	0.4	<0.02	10	310	0.46	0.06	1.99	0.20	18.55	22.2	16	13.05
8700097		7.43	0.06	0.73	0.3	<0.02	<10	70	0.20	0.01	0.77	0.03	38.6	5.8	22	3.08
8700098		12.42	0.05	1.22	0.2	<0.02	<10	220	0.31	0.01	0.98	0.03	41.2	9.4	24	3.92
8700099		10.65	0.06	1.41	0.2	<0.02	<10	270	0.44	0.01	1.01	0.03	34.4	10.0	32	2.17
8700100		10.33	0.02	1.80	0.2	<0.02	<10	150	0.36	0.01	1.59	0.07	12.25	14.4	16	1.78
8700101		10.61	0.09	2.31	0.3	<0.02	10	470	0.38	0.04	1.94	0.21	15.35	17.5	13	10.30
8700102		16.35	0.08	2.50	0.3	<0.02	10	380	0.47	0.03	1.58	0.07	28.3	13.1	15	20.1
8700103		14.96	0.23	2.18	1.6	<0.02	<10	650	0.40	0.07	1.06	0.62	34.9	21.2	32	7.30
8700104		10.18	0.04	2.05	0.3	<0.02	<10	260	0.50	0.03	0.65	0.05	68.5	7.5	33	12.00
8700105		0.26	>100	1.28	814	4.67	20	10	0.31	7.90	3.57	54.1	18.85	30.8	40	1.94
8700106		8.92	0.14	2.56	0.5	<0.02	10	440	0.60	0.04	1.97	0.14	49.7	18.5	89	12.50
8700107		13.37	0.11	1.89	0.1	<0.02	<10	250	0.36	0.02	0.42	0.04	64.8	9.2	40	8.64
8700108		10.76	0.18	2.41	0.3	<0.02	<10	400	0.53	0.03	3.16	0.22	30.4	19.8	178	10.10
8700109		11.68	0.03	2.20	0.2	<0.02	<10	70	0.31	0.01	2.19	0.08	4.58	23.6	103	2.95
8700110		12.38	0.02	2.23	0.2	<0.02	<10	40	0.38	0.01	2.03	0.10	3.65	24.0	98	4.43
8700111		3.16	0.26	1.98	3.5	<0.02	<10	250	0.50	0.09	0.74	0.18	28.5	13.7	91	1.37
8700112		9.48	0.24	2.26	1.9	<0.02	<10	170	0.59	0.05	1.15	0.15	30.3	17.9	116	1.08
8700113		18.57	0.19	2.22	1.4	<0.02	<10	430	0.64	0.04	1.52	0.15	29.0	15.1	85	2.08
8700114		11.96	0.17	2.33	0.3	<0.02	<10	720	0.62	0.05	1.38	0.16	37.2	15.3	95	2.37
8700115		<0.02	0.16	2.36	0.4	<0.02	<10	720	0.69	0.05	1.37	0.15	38.0	15.6	95	2.40
8700116		11.46	0.15	2.15	0.4	<0.02	<10	410	0.63	0.06	1.70	0.17	56.4	14.4	61	2.34
8700117		12.35	0.17	2.44	0.3	<0.02	<10	420	0.63	0.04	1.49	0.21	41.1	18.2	92	1.83
8700118		13.12	0.25	1.59	0.4	<0.02	<10	350	0.39	0.05	0.80	0.26	38.0	12.0	60	1.27
8700119		19.58	0.20	1.46	0.3	<0.02	<10	250	0.44	0.05	2.27	0.24	37.9	11.2	50	1.02
8700120		17.01	0.13	1.85	0.2	<0.02	<10	180	0.44	0.04	1.66	0.18	48.1	12.5	59	1.19

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205884

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
8700081		12.8	4.86	7.71	0.07	0.12	<0.01	0.032	0.31	10.8	17.0	1.79	698	0.55	0.11	<0.05
8700082		12.3	4.72	6.98	0.07	0.08	<0.01	0.032	0.25	9.0	18.8	1.64	665	0.69	0.06	<0.05
8700083		28.1	4.53	7.46	0.09	0.10	<0.01	0.064	0.16	11.8	16.5	1.38	614	0.67	0.08	0.06
8700084		18.3	4.52	7.66	0.07	0.04	<0.01	0.049	0.26	10.1	24.2	1.61	706	0.75	0.03	<0.05
8700085		40.8	4.26	7.31	0.08	0.05	<0.01	0.041	0.40	13.8	21.4	1.25	538	0.93	0.04	0.06
8700086		30.5	4.31	8.15	0.10	0.05	<0.01	0.062	0.28	15.8	25.6	1.31	545	0.62	0.04	<0.05
8700087		29.0	4.14	7.07	0.08	0.09	<0.01	0.030	0.21	12.1	28.1	1.36	572	0.56	0.03	<0.05
8700088		28.5	4.74	8.08	0.08	0.10	<0.01	0.034	0.21	10.4	28.2	1.51	665	0.55	0.04	<0.05
8700089		16.7	2.55	5.19	0.10	0.04	<0.01	0.032	0.12	25.8	14.5	0.63	319	0.75	0.04	0.08
8700090		7010	8.67	6.86	0.11	0.12	0.44	2.67	0.23	7.1	5.9	1.11	591	57.3	0.32	0.15
8700091		15.3	2.90	5.23	0.10	0.04	<0.01	0.039	0.10	21.0	14.5	0.59	295	0.61	0.04	0.08
8700092		15.1	3.10	5.83	0.07	0.05	<0.01	0.027	0.11	20.1	16.5	0.92	397	0.93	0.04	0.05
8700093		13.0	3.29	6.25	0.09	0.07	<0.01	0.031	0.11	21.5	16.1	0.86	414	1.21	0.05	0.06
8700094		13.1	2.58	5.01	0.09	0.05	<0.01	0.025	0.13	20.2	13.8	0.70	362	0.92	0.03	0.06
8700095		2.2	0.15	0.07	<0.05	<0.02	<0.01	<0.005	<0.01	1.2	0.4	0.78	108	0.06	0.01	<0.05
8700096		22.0	5.66	8.77	0.11	0.09	0.01	0.039	0.41	9.4	28.1	2.00	715	0.76	0.03	0.05
8700097		11.5	1.67	3.57	0.08	0.04	<0.01	0.018	0.05	18.9	5.0	0.33	175	1.84	0.04	0.32
8700098		19.1	2.60	5.57	0.09	0.06	<0.01	0.033	0.09	20.0	12.2	0.80	325	1.48	0.05	0.16
8700099		10.6	2.82	5.91	0.10	0.07	<0.01	0.023	0.10	17.3	11.3	0.89	340	1.66	0.10	0.09
8700100		17.2	3.57	6.03	0.10	0.10	<0.01	0.031	0.10	6.1	11.1	1.15	527	1.60	0.15	0.06
8700101		44.6	4.89	8.07	0.07	0.07	<0.01	0.046	0.38	7.5	18.9	1.42	693	0.92	0.06	<0.05
8700102		28.6	4.88	9.34	0.08	0.05	<0.01	0.044	0.67	13.6	25.0	1.49	550	0.63	0.05	<0.05
8700103		81.9	3.00	6.88	0.09	0.04	0.01	0.020	0.84	17.5	17.5	1.22	466	1.38	0.04	0.08
8700104		25.2	3.34	6.32	0.09	0.02	<0.01	0.017	0.74	34.5	17.5	0.91	268	0.92	0.02	0.06
8700105		5580	7.54	5.79	0.10	0.23	5.42	0.774	0.26	9.0	9.2	1.26	738	306	0.06	0.25
8700106		47.2	3.38	7.65	0.09	0.03	0.01	0.025	0.66	25.8	25.8	1.42	474	1.80	0.02	<0.05
8700107		21.0	3.14	6.19	0.09	0.02	<0.01	0.017	0.54	32.1	14.8	0.87	299	1.02	0.03	<0.05
8700108		65.5	3.40	7.79	0.08	0.08	<0.01	0.022	0.45	15.9	29.1	2.13	772	0.87	0.05	<0.05
8700109		11.3	3.56	6.28	0.12	0.14	<0.01	0.019	0.14	1.9	17.8	1.96	634	0.80	0.18	0.14
8700110		39.2	4.03	6.76	0.13	0.16	<0.01	0.022	0.14	1.5	18.8	1.97	706	0.82	0.20	0.06
8700111		40.2	3.32	7.32	0.06	<0.02	0.02	0.028	0.14	13.6	11.4	1.02	409	1.83	0.04	2.07
8700112		43.0	3.82	8.77	0.07	0.03	0.01	0.035	0.17	15.8	15.1	1.87	675	1.63	0.03	2.13
8700113		47.1	3.69	7.80	0.06	0.03	<0.01	0.032	0.52	14.5	11.0	1.67	654	1.96	0.04	0.25
8700114		55.9	3.78	9.34	0.08	0.02	<0.01	0.036	0.72	19.1	13.5	1.78	708	2.02	0.05	0.11
8700115		57.6	3.96	9.63	0.09	0.02	<0.01	0.036	0.74	19.1	13.9	1.76	736	2.25	0.05	0.10
8700116		42.4	3.63	9.29	0.09	0.02	<0.01	0.035	0.83	29.0	13.3	1.26	665	1.93	0.04	0.10
8700117		51.6	4.52	9.73	0.10	0.05	<0.01	0.045	0.58	20.5	17.5	1.74	575	2.29	0.03	0.10
8700118		74.4	3.19	6.71	0.08	0.02	<0.01	0.030	0.40	19.8	11.1	1.02	399	4.04	0.02	0.10
8700119		65.9	3.10	6.46	0.08	0.02	<0.01	0.031	0.28	19.1	10.2	0.92	626	3.37	0.02	0.08
8700120		49.7	3.45	7.89	0.08	0.02	<0.01	0.035	0.28	24.2	13.2	1.18	541	2.05	0.02	0.07

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

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LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205884

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
8700081		18.0	900	1.4	20.5	0.001	0.17	0.06	12.8	0.2	0.4	74.3	<0.01	0.01	3.2	0.074
8700082		11.7	920	1.7	17.3	<0.001	0.22	0.05	9.7	<0.2	0.5	92.7	<0.01	0.01	2.2	0.056
8700083		9.6	830	1.4	11.2	<0.001	0.49	<0.05	12.0	0.4	0.9	82.9	<0.01	0.01	3.0	0.058
8700084		10.4	330	1.2	14.9	0.001	0.16	<0.05	9.4	0.2	0.7	49.9	<0.01	0.02	2.3	0.042
8700085		11.5	360	1.0	22.1	0.001	0.52	<0.05	7.7	0.4	0.7	40.9	<0.01	0.02	3.7	0.064
8700086		17.2	300	1.1	21.8	<0.001	0.03	<0.05	10.0	<0.2	0.9	50.1	<0.01	0.03	4.1	0.033
8700087		20.9	640	1.1	21.0	<0.001	0.02	<0.05	11.5	0.2	0.6	87.0	<0.01	0.03	2.7	0.035
8700088		27.0	640	1.2	19.6	<0.001	0.02	0.05	12.9	<0.2	0.6	84.5	<0.01	0.01	1.7	0.039
8700089		22.6	160	0.9	10.2	<0.001	0.02	<0.05	4.5	0.2	0.5	48.2	<0.01	0.04	6.7	0.011
8700090		345	650	8590	14.7	0.017	6.81	26.7	4.7	14.5	6.1	71.9	<0.01	0.73	2.3	0.053
8700091		24.8	120	1.1	8.0	<0.001	0.01	<0.05	4.5	0.2	0.5	32.0	<0.01	0.02	7.2	0.020
8700092		18.3	290	1.0	9.4	<0.001	0.01	<0.05	6.3	<0.2	0.5	52.5	<0.01	0.01	6.1	0.032
8700093		22.2	140	0.9	9.5	<0.001	0.01	<0.05	6.7	<0.2	0.5	53.3	<0.01	0.01	6.7	0.030
8700094		20.5	140	2.1	10.7	<0.001	0.01	<0.05	5.0	<0.2	0.4	60.7	<0.01	0.01	6.3	0.026
8700095		0.8	70	0.3	0.3	<0.001	0.03	<0.05	0.2	0.4	<0.2	82.2	<0.01	0.01	<0.2	<0.005
8700096		17.8	940	2.1	26.3	<0.001	0.22	0.05	10.7	0.2	0.6	93.6	<0.01	0.01	2.5	0.117
8700097		12.1	110	1.4	4.6	<0.001	0.09	0.07	2.8	<0.2	0.3	44.1	<0.01	<0.01	6.1	0.040
8700098		20.1	130	0.9	7.4	<0.001	0.01	0.05	6.0	<0.2	0.6	43.1	<0.01	<0.01	6.4	0.046
8700099		11.9	330	0.8	5.1	<0.001	0.13	<0.05	7.6	0.2	0.6	35.3	<0.01	0.01	5.3	0.052
8700100		5.7	650	0.9	4.5	<0.001	0.21	0.05	10.7	0.2	0.5	40.1	<0.01	<0.01	1.3	0.079
8700101		6.9	870	1.6	22.0	<0.001	0.53	<0.05	10.8	0.3	0.6	72.9	<0.01	0.01	1.9	0.084
8700102		9.2	670	2.7	56.3	<0.001	0.02	<0.05	11.9	<0.2	0.6	80.2	<0.01	<0.01	3.0	0.075
8700103		31.1	500	14.9	52.8	0.004	0.22	0.06	6.2	0.9	0.3	68.9	<0.01	0.04	5.6	0.110
8700104		30.3	640	1.9	60.2	<0.001	0.01	<0.05	4.6	<0.2	0.3	59.8	<0.01	0.05	12.0	0.059
8700105		39.9	840	6760	12.9	0.192	7.37	286	5.3	14.7	3.5	201	<0.01	2.18	2.8	0.052
8700106		74.9	750	7.8	52.8	0.001	0.07	0.08	9.2	0.3	0.4	89.4	<0.01	0.03	7.4	0.051
8700107		30.3	550	3.0	46.3	<0.001	0.01	<0.05	5.1	<0.2	0.2	45.1	<0.01	0.01	11.0	0.040
8700108		121.0	680	3.7	40.9	0.001	0.03	<0.05	8.6	0.3	0.5	84.0	<0.01	0.03	4.2	0.128
8700109		48.4	930	1.1	7.7	<0.001	0.01	0.05	13.9	<0.2	0.5	77.9	<0.01	<0.01	0.2	0.343
8700110		39.1	940	1.2	8.4	<0.001	0.01	0.05	15.3	<0.2	0.6	64.5	<0.01	0.01	0.2	0.280
8700111		62.7	790	7.3	12.1	<0.001	0.03	0.22	7.0	0.4	0.4	36.3	<0.01	0.02	2.1	0.129
8700112		72.3	730	7.0	11.5	<0.001	0.05	0.09	10.4	0.2	0.5	36.4	<0.01	0.02	4.7	0.194
8700113		55.8	1060	7.6	27.1	0.001	0.15	0.06	8.1	0.2	0.3	41.0	<0.01	0.02	3.5	0.100
8700114		65.5	640	6.3	36.2	0.002	0.24	<0.05	8.8	0.5	0.4	37.7	<0.01	0.04	6.2	0.145
8700115		65.7	630	6.1	38.1	0.001	0.23	<0.05	9.1	0.4	0.4	39.6	<0.01	0.04	6.1	0.145
8700116		38.1	520	8.7	45.0	0.001	0.29	<0.05	7.8	0.8	0.4	42.3	<0.01	0.05	10.2	0.131
8700117		54.1	730	5.4	29.3	0.001	0.29	<0.05	10.6	0.5	0.4	43.3	<0.01	0.04	6.5	0.140
8700118		48.6	790	4.8	22.6	0.004	0.57	0.06	5.5	2.1	0.2	19.9	<0.01	0.11	6.0	0.075
8700119		41.6	740	4.9	14.9	0.005	0.49	0.08	5.0	1.7	0.2	26.2	<0.01	0.09	5.6	0.059
8700120		46.5	600	5.3	15.6	0.002	0.32	0.05	6.1	0.7	0.2	21.3	<0.01	0.06	7.6	0.068

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20205884

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Zn-OC46 Zn % 0.001	Au-JCP21 Au ppm 0.001
8700081		0.11	0.28	118	0.30	11.50	99	1.3			0.001
8700082		0.08	0.40	87	0.35	10.20	184	1.0			0.001
8700083		0.05	0.48	73	0.34	16.50	191	1.4			0.001
8700084		0.07	0.24	58	0.43	13.10	138	0.5			0.001
8700085		0.13	0.35	53	0.69	13.15	136	0.5			0.002
8700086		0.09	0.42	49	0.52	15.75	128	0.7			0.002
8700087		0.08	0.51	74	0.41	17.15	55	1.5			0.001
8700088		0.09	0.67	87	0.30	17.00	52	1.5			0.001
8700089		0.04	0.84	20	0.50	18.95	21	1.1			0.001
8700090		1.74	4.93	307	2.62	8.06	7980	3.9			1.510
8700091		0.03	0.88	16	0.20	16.90	24	1.1			0.001
8700092		0.04	0.68	35	0.36	15.60	33	1.2			0.001
8700093		0.03	0.70	26	0.37	16.20	33	1.1			0.001
8700094		0.04	0.83	26	0.18	15.10	30	1.2			<0.001
8700095		<0.02	0.11	<1	<0.05	2.40	3	<0.5			<0.001
8700096		0.11	0.52	101	0.31	12.05	148	1.3			<0.001
8700097		<0.02	0.57	10	1.33	12.10	15	0.9			<0.001
8700098		0.03	0.77	21	0.60	15.45	25	1.1			<0.001
8700099		0.02	0.86	38	1.95	13.55	26	1.2			<0.001
8700100		<0.02	0.37	72	1.22	11.70	45	1.5			<0.001
8700101		0.08	0.37	94	0.88	14.30	154	1.0			0.002
8700102		0.22	0.35	95	0.26	14.60	94	0.7			<0.001
8700103		0.37	1.32	61	0.65	9.05	82	0.8			<0.001
8700104		0.31	0.79	44	0.59	11.40	92	0.5			<0.001
8700105		7.05	1.68	78	19.35	8.10	10000	6.9	123	1.015	3.68
8700106		0.27	1.41	74	0.27	14.65	110	<0.5			0.009
8700107		0.23	0.47	55	0.33	9.89	78	<0.5			<0.001
8700108		0.20	0.66	73	0.30	11.20	82	1.2			<0.001
8700109		0.02	0.09	103	0.23	8.94	55	2.7			<0.001
8700110		0.03	0.07	116	0.22	7.79	72	2.7			0.006
8700111		0.08	0.71	72	2.63	8.58	69	<0.5			<0.001
8700112		0.07	0.59	94	1.25	10.65	76	1.0			<0.001
8700113		0.14	0.50	72	0.88	8.72	83	0.7			<0.001
8700114		0.20	0.79	90	0.97	9.68	96	0.5			<0.001
8700115		0.20	0.66	89	0.88	9.71	95	0.5			<0.001
8700116		0.27	0.86	68	0.50	11.35	86	0.5			<0.001
8700117		0.17	0.82	132	0.49	11.80	102	0.7			<0.001
8700118		0.16	0.88	91	1.21	8.74	112	0.6			<0.001
8700119		0.10	1.23	87	1.12	12.85	86	0.6			<0.001
8700120		0.10	1.25	93	1.07	11.70	94	<0.5			0.002

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
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Page: Appendix 1
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Project: SIXTY MILE

CERTIFICATE OF ANALYSIS WH20205884

	CERTIFICATE COMMENTS			
	ANALYTICAL COMMENTS			
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41			
	LABORATORY ADDRESSES			
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG46	Au-ICP21	ME-MS41	ME-OG46
	Zn-OG46			



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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CERTIFICATE WH20211193

Project: Sixty Mile

P.O. No.: Batch 4

This report is for 40 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 21-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20211193

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700121		16.40	0.23	1.90	0.3	<0.02	<10	420	0.75	0.08	0.95	0.23	41.1	13.6	85	1.61
8700122		15.98	0.13	1.99	0.3	<0.02	<10	290	0.56	0.04	1.30	0.19	36.7	13.9	90	1.14
8700123		13.23	0.13	1.98	0.2	<0.02	<10	290	0.56	0.05	0.51	0.13	34.9	12.1	73	1.38
8700124		15.47	0.13	3.03	0.7	<0.02	<10	160	1.05	0.08	2.10	0.41	24.6	24.0	156	1.56
8700125		0.26	32.5	4.47	142.5	1.58	<10	20	0.24	10.10	4.43	34.0	12.85	90.3	56	1.02
8700126		12.47	0.28	2.38	2.4	<0.02	<10	300	0.58	0.09	5.20	0.23	28.9	20.2	133	5.04
8700127		17.63	0.24	1.49	0.5	<0.02	<10	180	0.55	0.05	1.72	0.22	39.5	18.8	58	27.5
8700128		10.58	0.08	1.63	0.3	<0.02	<10	240	0.60	0.04	4.28	0.22	24.8	22.3	107	43.0
8700129		13.41	0.02	1.14	0.4	<0.02	<10	40	0.42	0.03	8.68	0.14	12.95	27.3	104	15.90
8700130		15.91	0.02	1.93	0.6	<0.02	10	90	0.50	0.04	3.40	0.09	10.05	27.7	99	32.4
8700131		12.86	0.03	2.87	0.3	<0.02	10	60	0.57	0.03	4.12	0.12	15.80	36.1	110	44.2
8700132		15.81	0.05	2.15	0.3	<0.02	<10	340	0.81	0.07	3.81	0.20	18.10	25.9	99	26.9
8700133		12.65	0.08	1.23	0.4	<0.02	<10	670	0.46	0.09	1.97	0.21	22.5	15.3	74	20.3
8700134		12.89	0.12	1.40	0.4	<0.02	<10	660	0.48	0.09	1.43	0.23	21.5	11.5	94	25.1
8700135		3.00	0.01	0.03	0.2	<0.02	<10	20	<0.05	0.04	>25.0	0.02	1.25	0.5	1	0.17
8700136		11.52	0.08	1.45	0.4	<0.02	10	470	0.61	0.06	2.78	0.19	24.9	21.6	90	27.6
8700137		9.06	0.04	1.75	0.3	<0.02	10	220	0.74	0.04	2.64	0.08	22.9	36.3	66	38.1
8700138		10.84	0.04	2.12	0.5	<0.02	10	470	0.80	0.12	5.70	0.10	10.90	46.0	166	42.8
8700139		9.67	0.03	0.60	0.2	<0.02	<10	40	0.38	0.02	10.15	0.14	0.98	36.2	480	23.9
8700140		18.58	0.03	0.98	0.3	<0.02	<10	60	0.39	0.02	7.63	0.12	6.61	37.5	395	19.15
8700141		10.05	0.08	2.29	0.2	<0.02	<10	300	0.51	0.06	2.99	0.09	15.70	28.9	101	18.30
8700142		7.16	0.04	2.87	0.3	<0.02	10	200	0.67	0.13	3.17	0.19	21.1	38.0	195	21.9
8700143		9.22	0.03	2.53	0.3	<0.02	<10	380	0.56	0.03	3.84	0.17	19.30	32.6	231	12.20
8700144		10.66	0.05	2.99	0.4	<0.02	10	340	0.83	0.05	2.86	0.13	22.9	37.1	157	21.5
8700145		0.26	>100	1.24	809	2.37	20	10	0.34	8.15	3.55	56.3	19.30	30.9	39	1.83
8700146		10.94	0.11	3.08	0.6	<0.02	<10	430	0.70	0.07	1.61	0.08	21.4	38.5	165	19.40
8700147		11.28	0.05	2.66	0.4	<0.02	<10	380	0.45	0.03	2.08	0.08	12.10	30.4	153	11.30
8700148		12.43	0.21	2.56	0.7	<0.02	<10	160	0.50	0.04	2.50	0.08	13.35	32.6	140	11.75
8700149		10.88	0.12	2.36	0.4	<0.02	<10	200	0.36	0.02	2.31	0.10	9.54	30.4	123	5.24
8700150		12.33	0.10	2.18	0.4	<0.02	<10	100	0.40	0.02	2.42	0.11	7.55	24.8	103	5.56
8700151		8.30	0.16	2.36	0.8	<0.02	<10	370	0.50	0.03	2.76	0.20	18.60	28.3	138	6.74
8700152		15.21	0.08	2.40	0.4	<0.02	<10	130	0.39	0.02	1.80	0.14	5.74	28.5	122	5.29
8700153		7.46	0.09	2.34	0.6	<0.02	<10	160	0.48	0.04	2.33	0.13	10.40	35.6	132	8.15
8700154		8.30	0.03	2.86	0.4	<0.02	<10	160	0.72	0.03	1.67	0.14	9.86	40.7	158	8.30
8700155		<0.02	0.02	2.86	0.4	<0.02	<10	170	0.68	0.03	1.68	0.10	9.55	39.7	159	8.60
8700156		10.93	0.02	2.72	0.2	<0.02	<10	80	0.58	0.03	2.28	0.11	6.24	35.3	144	5.04
8700157		7.30	0.03	2.70	0.3	<0.02	<10	30	0.62	0.01	1.50	0.09	4.48	35.1	135	4.54
8700158		9.70	0.03	2.38	0.2	<0.02	<10	150	0.53	0.01	2.22	0.10	4.57	31.8	110	5.59
8700159		11.87	0.02	2.69	0.3	<0.02	<10	90	0.56	0.01	1.70	0.07	4.82	36.0	135	5.85
8700160		10.70	0.02	2.95	0.4	<0.02	10	50	0.56	0.02	2.01	0.12	6.66	35.8	148	7.13

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20211193

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
8700121		65.0	3.17	8.44	0.09	0.02	<0.01	0.039	0.49	20.9	12.7	1.37	566	2.74	0.02	0.05
8700122		46.2	3.47	8.08	0.07	0.02	<0.01	0.033	0.34	18.5	14.4	1.57	819	2.24	0.02	<0.05
8700123		49.2	3.27	8.56	0.07	<0.02	<0.01	0.039	0.33	17.7	15.0	1.76	580	2.45	0.02	0.06
8700124		46.3	5.04	11.75	0.09	0.06	<0.01	0.058	0.25	12.1	28.9	3.25	1010	2.08	0.01	<0.05
8700125		7050	8.49	6.88	0.09	0.11	0.47	2.52	0.22	6.6	5.1	1.10	610	50.2	0.30	0.14
8700126		46.9	3.52	7.60	0.09	0.08	0.03	0.040	0.26	15.0	20.4	1.87	1270	1.63	0.01	0.05
8700127		51.4	3.67	5.99	0.07	0.03	0.05	0.038	0.49	18.6	12.6	1.30	366	0.50	0.01	<0.05
8700128		47.0	4.10	5.51	0.06	0.04	<0.01	0.042	0.54	11.5	12.2	2.55	775	0.34	0.01	<0.05
8700129		35.2	4.83	3.14	0.06	0.07	<0.01	0.039	0.21	4.9	5.2	3.70	1270	0.19	0.01	<0.05
8700130		21.6	4.63	5.25	0.06	0.06	<0.01	0.038	0.49	3.6	8.8	2.18	672	0.13	0.01	<0.05
8700131		46.9	5.89	8.72	0.10	0.08	<0.01	0.055	0.59	5.8	10.6	2.57	847	0.16	0.03	<0.05
8700132		59.6	4.65	5.81	0.07	0.07	<0.01	0.047	0.43	6.8	7.7	2.33	821	0.13	0.02	<0.05
8700133		32.1	3.48	4.39	0.06	0.03	0.03	0.040	0.36	10.6	8.5	1.41	673	0.47	0.01	<0.05
8700134		27.9	3.56	6.05	0.08	0.02	<0.01	0.036	0.52	10.0	12.3	1.47	568	0.75	0.01	<0.05
8700135		3.3	0.15	0.13	<0.05	<0.02	<0.01	<0.005	0.01	1.3	0.7	0.96	114	0.07	<0.01	0.06
8700136		52.0	4.42	4.86	0.08	0.04	<0.01	0.042	0.49	11.5	10.0	2.24	823	0.46	0.01	<0.05
8700137		36.8	5.58	5.75	0.08	0.07	<0.01	0.058	0.56	10.2	9.3	2.70	897	0.16	0.02	<0.05
8700138		34.6	5.35	6.01	0.07	0.07	<0.01	0.041	0.74	4.4	14.6	4.29	799	0.16	0.01	<0.05
8700139		8.8	2.89	1.68	<0.05	0.02	<0.01	0.008	0.19	0.5	4.0	5.82	716	0.23	0.01	<0.05
8700140		16.2	3.65	3.48	<0.05	0.03	<0.01	0.020	0.22	2.9	7.5	4.70	799	0.41	0.01	<0.05
8700141		19.2	5.05	7.47	0.09	0.08	<0.01	0.036	0.47	6.7	12.1	2.41	866	0.40	0.05	<0.05
8700142		35.4	5.57	8.71	0.09	0.09	0.01	0.044	0.60	9.4	23.9	3.22	914	0.33	0.03	<0.05
8700143		21.0	5.03	8.33	0.08	0.09	<0.01	0.038	0.60	9.0	21.5	3.13	969	0.52	0.04	<0.05
8700144		32.9	5.84	10.15	0.09	0.11	0.01	0.050	0.77	9.8	39.7	3.33	785	0.53	0.03	<0.05
8700145		5500	7.35	5.89	0.12	0.20	5.91	0.811	0.25	8.9	10.0	1.24	747	310	0.05	0.26
8700146		33.4	5.97	10.65	0.13	0.10	<0.01	0.051	0.98	9.6	41.6	2.78	604	0.64	0.04	<0.05
8700147		31.9	4.55	8.11	0.10	0.10	<0.01	0.030	0.62	5.0	25.1	2.24	602	0.61	0.05	<0.05
8700148		59.3	4.87	7.64	0.09	0.15	<0.01	0.033	0.48	5.4	28.0	2.25	695	0.68	0.05	<0.05
8700149		85.2	4.13	6.69	0.07	0.13	<0.01	0.021	0.49	4.2	19.7	2.08	685	0.62	0.06	0.07
8700150		45.1	3.68	5.95	0.08	0.18	<0.01	0.022	0.29	3.4	19.1	1.89	646	0.74	0.06	0.12
8700151		69.8	4.38	7.41	0.09	0.09	0.01	0.026	0.44	8.8	25.3	2.75	887	1.00	0.03	<0.05
8700152		49.8	4.30	6.58	0.09	0.17	0.01	0.022	0.26	2.4	25.2	2.35	634	0.95	0.08	0.09
8700153		38.4	4.75	7.37	0.13	0.14	<0.01	0.033	0.37	4.4	30.1	2.49	758	0.59	0.05	0.05
8700154		35.9	5.47	8.29	0.12	0.12	<0.01	0.035	0.34	4.0	41.3	3.41	738	0.49	0.04	<0.05
8700155		35.4	5.40	8.09	0.12	0.14	<0.01	0.032	0.35	3.9	41.2	3.45	744	0.45	0.03	<0.05
8700156		29.8	5.09	8.15	0.11	0.15	<0.01	0.027	0.27	2.9	35.1	3.05	848	0.61	0.04	0.05
8700157		17.6	4.92	7.59	0.09	0.15	<0.01	0.024	0.19	1.9	33.5	2.93	714	0.50	0.06	0.05
8700158		35.9	4.41	6.60	0.06	0.12	<0.01	0.024	0.20	2.0	28.2	2.39	717	0.74	0.04	<0.05
8700159		27.6	4.90	7.33	0.09	0.15	0.01	0.027	0.17	2.1	31.7	2.83	627	0.68	0.04	<0.05
8700160		38.1	4.97	7.66	0.09	0.17	<0.01	0.024	0.19	3.0	42.2	3.28	694	0.58	0.04	0.05

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ALS Canada Ltd.
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Project: Sixty Mile

CERTIFICATE OF ANALYSIS WH20211193

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2	Ti % 0.005
8700121		54.5	810	7.0	26.2	0.003	0.28	<0.05	6.6	1.1	0.3	18.1	<0.01	0.10	6.8	0.098
8700122		60.6	670	4.0	17.7	0.001	0.25	0.05	6.5	0.5	0.3	18.1	<0.01	0.06	5.2	0.076
8700123		51.0	810	5.7	18.2	0.004	0.22	0.05	6.1	0.7	0.3	14.7	<0.01	0.06	4.6	0.087
8700124		77.6	850	6.7	15.8	0.003	0.29	0.06	13.7	0.4	0.8	32.9	<0.01	0.04	2.4	0.102
8700125		351	650	8640	14.3	0.016	6.67	21.8	4.7	14.1	6.2	69.3	<0.01	0.91	2.2	0.056
8700126		93.7	680	11.9	19.2	0.004	0.16	0.12	11.7	0.5	0.5	76.4	<0.01	0.56	3.4	0.032
8700127		96.8	410	8.2	48.6	0.003	0.12	0.12	8.5	0.3	0.4	55.3	<0.01	0.22	8.1	0.035
8700128		134.5	650	5.2	54.5	0.001	0.01	0.12	17.1	<0.2	0.6	106.5	<0.01	0.02	2.9	0.028
8700129		55.8	540	4.6	18.7	0.001	<0.01	0.34	22.0	<0.2	0.5	225	<0.01	<0.01	0.3	0.009
8700130		62.0	630	2.7	39.0	<0.001	<0.01	0.29	20.2	<0.2	0.5	120.0	<0.01	0.01	0.4	0.013
8700131		83.7	830	2.2	56.0	0.001	<0.01	0.22	28.2	<0.2	0.7	158.5	<0.01	<0.01	0.5	0.017
8700132		79.9	840	3.9	34.6	<0.001	0.01	0.33	26.9	<0.2	0.6	134.5	<0.01	0.01	0.8	0.005
8700133		119.5	690	3.3	34.6	<0.001	0.02	0.16	13.6	0.2	0.6	65.1	<0.01	0.03	3.6	0.030
8700134		103.0	670	4.7	53.5	0.001	<0.01	0.12	9.2	0.3	0.6	62.8	<0.01	0.06	3.9	0.065
8700135		1.3	80	0.4	0.7	<0.001	0.01	<0.05	0.3	<0.2	<0.2	81.5	<0.01	<0.01	<0.2	<0.005
8700136		117.0	720	3.5	44.2	0.001	0.01	0.17	15.8	0.3	0.5	102.0	<0.01	0.03	3.4	0.031
8700137		184.5	980	3.1	55.2	0.001	<0.01	0.33	22.3	<0.2	0.7	116.0	<0.01	<0.01	0.9	0.023
8700138		519	610	5.0	81.2	0.001	<0.01	0.26	19.7	<0.2	0.6	350	<0.01	<0.01	0.6	0.045
8700139		619	60	1.4	29.8	<0.001	<0.01	0.10	8.6	<0.2	<0.2	333	<0.01	0.02	<0.2	<0.005
8700140		598	310	2.0	26.6	<0.001	<0.01	0.16	10.4	0.2	0.3	270	<0.01	0.01	0.3	0.010
8700141		95.6	960	3.0	37.4	0.001	0.01	0.30	16.7	<0.2	0.6	120.0	<0.01	<0.01	0.9	0.064
8700142		220	850	4.8	48.6	0.001	<0.01	0.27	21.5	<0.2	0.7	110.5	<0.01	<0.01	1.4	0.027
8700143		204	760	4.0	39.3	<0.001	<0.01	0.27	18.6	<0.2	0.8	129.0	<0.01	<0.01	1.6	0.060
8700144		129.0	740	4.5	62.0	0.001	0.02	0.32	25.3	<0.2	0.9	108.5	<0.01	0.01	0.9	0.047
8700145		41.6	850	6600	12.9	0.201	7.34	281	4.9	14.1	3.7	193.5	<0.01	2.31	2.6	0.050
8700146		98.1	870	6.8	79.7	0.001	0.01	0.36	21.5	<0.2	0.8	101.0	<0.01	0.01	1.0	0.106
8700147		81.7	840	4.1	41.1	0.001	0.01	0.22	15.5	<0.2	0.5	97.8	<0.01	<0.01	0.4	0.122
8700148		73.2	870	4.4	35.5	0.001	<0.01	0.35	16.4	<0.2	0.6	97.6	<0.01	0.01	0.4	0.129
8700149		55.8	860	2.1	26.2	0.001	0.07	0.14	12.9	0.2	0.5	67.9	<0.01	<0.01	0.4	0.210
8700150		42.6	860	2.7	18.9	<0.001	0.03	0.17	12.8	<0.2	0.4	74.4	<0.01	<0.01	0.3	0.266
8700151		100.5	890	3.5	30.9	0.001	0.25	0.12	12.9	0.5	0.5	90.7	<0.01	0.04	2.2	0.105
8700152		55.6	810	2.9	17.3	<0.001	0.08	0.10	13.3	0.3	0.4	69.4	<0.01	0.01	0.2	0.281
8700153		68.7	820	3.8	28.6	<0.001	<0.01	0.13	16.6	<0.2	0.6	102.5	<0.01	0.03	0.7	0.234
8700154		93.1	820	2.9	30.6	<0.001	<0.01	0.08	18.5	<0.2	0.7	89.4	<0.01	0.02	0.3	0.225
8700155		90.1	840	3.0	31.1	<0.001	<0.01	0.09	17.8	0.2	0.7	86.0	<0.01	0.01	0.3	0.229
8700156		69.5	780	2.6	19.2	<0.001	<0.01	0.07	17.5	<0.2	0.6	93.3	<0.01	<0.01	0.2	0.301
8700157		60.2	810	1.9	15.2	<0.001	<0.01	0.06	17.4	<0.2	0.6	57.8	<0.01	<0.01	<0.2	0.260
8700158		65.2	700	1.8	15.8	<0.001	<0.01	0.05	13.5	<0.2	0.5	83.8	<0.01	0.01	<0.2	0.194
8700159		74.3	830	1.9	14.9	<0.001	<0.01	0.07	16.1	<0.2	0.6	66.1	<0.01	<0.01	0.2	0.241
8700160		89.2	800	2.1	17.1	<0.001	<0.01	0.05	15.7	<0.2	0.6	74.5	<0.01	0.01	0.4	0.249

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
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VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH20211193

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Zn-OC46 Zn % 0.001	Au-ICP21 Au ppm 0.001
B700121		0.16	0.81	101	1.09	10.30	93	0.5			<0.001
B700122		0.11	0.96	90	0.88	11.00	84	0.5			<0.001
B700123		0.10	0.62	101	1.17	8.80	90	<0.5			<0.001
B700124		0.10	1.84	134	0.62	14.40	102	0.8			0.001
B700125		1.72	5.18	305	2.50	8.04	7830	4.0			1.560
B700126		0.14	3.85	95	0.43	14.40	97	1.3			0.003
B700127		0.36	1.81	49	0.23	12.15	101	0.8			<0.001
B700128		0.38	2.17	86	0.17	15.65	84	0.9			<0.001
B700129		0.11	0.35	116	0.11	17.90	58	0.9			0.002
B700130		0.29	0.19	103	0.08	11.30	65	0.8			<0.001
B700131		0.38	0.24	143	<0.05	16.45	81	1.2			<0.001
B700132		0.17	0.20	113	0.06	17.40	67	0.8			<0.001
B700133		0.19	0.78	89	0.37	12.10	75	0.7			<0.001
B700134		0.31	1.01	94	0.57	12.05	89	0.7			<0.001
B700135		<0.02	0.12	1	<0.05	2.25	3	<0.5			<0.001
B700136		0.28	0.83	85	0.21	12.70	86	0.7			<0.001
B700137		0.32	0.27	107	0.05	12.00	89	0.9			<0.001
B700138		0.57	0.65	108	0.09	8.99	81	1.1			<0.001
B700139		0.15	0.12	31	0.14	2.34	33	<0.5			<0.001
B700140		0.15	0.16	48	0.10	4.53	54	0.6			<0.001
B700141		0.22	0.19	104	0.06	12.45	87	1.2			0.001
B700142		0.25	0.35	116	0.09	14.95	108	1.3			<0.001
B700143		0.23	0.28	115	0.12	14.25	97	1.3			<0.001
B700144		0.36	0.37	141	0.12	13.85	104	1.4			<0.001
B700145		7.51	1.67	77	18.50	8.45	10000	6.5	124	1.005	3.83
B700146		0.50	0.40	153	0.10	10.80	122	1.4			0.001
B700147		0.25	0.17	124	0.08	10.85	86	1.6			<0.001
B700148		0.20	0.15	132	0.08	13.15	89	2.4			<0.001
B700149		0.16	0.10	111	0.08	11.40	81	2.1			0.002
B700150		0.12	0.09	95	0.10	11.00	64	3.2			<0.001
B700151		0.19	0.40	118	0.23	11.40	99	1.3			0.001
B700152		0.09	0.13	115	0.20	10.10	84	2.3			<0.001
B700153		0.17	0.27	137	0.17	11.90	93	2.1			<0.001
B700154		0.15	0.21	138	0.14	11.45	101	1.8			<0.001
B700155		0.16	0.20	139	0.14	11.65	103	1.7			<0.001
B700156		0.11	0.13	142	0.14	11.50	91	2.3			<0.001
B700157		0.05	0.06	135	0.10	8.72	88	2.3			<0.001
B700158		0.06	0.10	110	0.16	8.29	82	1.7			<0.001
B700159		0.05	0.12	128	0.12	8.21	93	2.2			<0.001
B700160		0.06	0.20	128	0.11	9.89	91	2.4			<0.001

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ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
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 1016-510 W HASTINGS ST
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CERTIFICATE OF ANALYSIS WH20211193

	CERTIFICATE COMMENTS			
	ANALYTICAL COMMENTS			
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41			
	LABORATORY ADDRESSES			
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG46	Au-ICP21	ME-MS41	ME-OG46
	Zn-OG46			



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE WH20211202

Project: Sixty Mile
P.O. No.: Batch 6
This report is for 28 Percussion samples submitted to our lab in Whitehorse, YT,
Canada on 22-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700201		11.85	0.30	2.13	10.5	0.03	<10	80	1.07	1.65	3.60	0.06	35.1	16.1	16	4.33
8700202		10.38	0.29	2.72	5.6	0.03	<10	30	1.51	1.31	3.42	0.33	34.4	16.6	17	9.14
8700203		11.26	0.14	3.41	6.7	0.03	<10	70	1.46	1.19	3.49	0.08	26.3	16.2	21	10.15
8700204		11.23	0.24	3.08	7.8	0.02	<10	40	1.25	1.45	3.27	0.16	26.1	17.4	20	9.90
8700205		0.26	30.9	4.49	143.0	1.61	<10	20	0.23	9.83	4.55	33.0	11.65	89.5	55	0.93
8700206		12.63	0.27	3.00	4.4	<0.02	<10	30	0.93	1.87	2.78	0.19	13.20	17.2	20	7.31
8700207		0.98	0.32	2.90	4.0	<0.02	<10	20	0.82	1.56	2.48	0.47	27.5	15.4	23	5.68
8700208		13.14	0.18	2.71	5.1	<0.02	<10	60	0.70	1.54	2.79	0.26	36.6	16.7	23	3.35
8700209		11.55	0.25	2.02	10.4	0.19	<10	20	0.71	1.91	2.68	0.26	40.1	17.9	19	3.01
8700210		10.54	0.28	1.13	22.2	0.05	<10	20	0.90	2.20	2.20	0.23	32.2	17.6	12	3.37
8700211		5.65	0.25	2.57	8.0	0.03	<10	40	0.97	1.50	2.61	0.22	34.5	15.2	19	3.68
8700212		11.37	0.69	2.85	12.8	0.03	<10	30	1.24	1.77	3.33	0.85	32.3	14.5	20	5.18
8700213		5.89	0.43	2.33	5.5	0.02	<10	40	0.96	2.30	3.22	0.21	27.6	16.7	18	4.39
8700214		6.33	0.12	3.19	3.9	0.02	<10	40	0.95	1.62	3.05	0.08	20.9	15.0	23	4.39
8700215		7.70	<0.01	0.04	2.3	<0.02	<10	20	<0.05	0.03	>25.0	0.01	1.15	0.6	<1	0.05
8700216		5.70	0.18	2.67	36.3	0.05	<10	50	1.17	1.52	3.70	0.37	33.0	16.7	18	4.66
8700217		9.47	14.40	2.53	132.0	0.16	10	10	1.09	4.20	3.33	14.35	22.1	17.0	16	5.07
8700218		8.24	0.35	2.58	17.4	0.04	<10	40	0.99	2.42	3.43	0.21	35.5	15.4	20	4.25
8700219		10.70	0.67	1.83	27.8	0.05	<10	30	0.86	5.25	2.72	0.26	27.9	16.6	15	4.41
8700220		13.26	0.23	2.36	5.5	0.06	<10	40	0.80	1.76	3.29	0.14	29.5	15.9	26	4.77
8700221		10.26	0.27	2.83	10.3	0.04	<10	20	0.83	1.71	2.73	0.14	18.75	16.0	22	5.86
8700222		9.04	0.34	3.09	3.2	<0.02	<10	20	1.00	1.90	2.63	0.12	16.50	17.3	24	7.89
8700223		12.47	0.47	2.30	19.3	0.04	<10	20	0.88	3.95	2.93	0.11	27.7	14.8	23	5.44
8700224		12.27	0.20	3.01	6.3	<0.02	<10	50	1.03	2.18	3.24	0.09	31.0	18.2	22	6.71
8700225		0.26	>100	1.20	806	2.88	20	10	0.30	7.64	3.58	51.5	16.70	28.5	38	1.64
8700226		9.62	0.21	3.22	3.3	0.05	<10	70	0.75	1.80	3.37	0.07	34.5	16.9	22	9.22
8700227		8.20	0.17	3.12	2.8	0.02	<10	90	0.72	1.57	3.37	0.06	29.2	14.1	24	8.31
8700228		<0.02	0.17	3.04	2.7	0.02	<10	70	0.71	1.66	3.40	0.06	30.1	15.1	22	8.24

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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LIMITED
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CERTIFICATE OF ANALYSIS WH20211202

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
8700201		3.1	6.07	8.35	0.09	0.04	0.01	0.434	0.33	16.0	12.4	1.96	6240	0.33	0.01	<0.05
8700202		7.1	6.99	9.43	0.09	0.04	0.01	0.194	0.82	15.8	19.6	2.19	3040	0.62	0.02	<0.05
8700203		4.4	6.63	12.15	0.08	0.05	<0.01	0.134	0.99	12.1	19.1	2.50	1900	2.93	0.10	<0.05
8700204		4.4	6.77	10.45	0.08	0.06	<0.01	0.107	0.86	12.4	20.0	2.32	1980	0.50	0.06	<0.05
8700205		7190	8.55	6.30	0.09	0.10	0.43	2.41	0.22	6.4	5.1	1.11	609	47.9	0.30	0.11
8700206		9.7	8.20	9.62	0.08	0.06	0.01	0.084	0.57	6.0	21.2	2.44	1740	1.57	0.11	0.05
8700207		4.7	6.97	11.70	0.08	0.06	0.01	0.076	0.24	13.2	21.9	2.83	1580	1.94	0.05	<0.05
8700208		3.0	6.77	12.05	0.07	0.05	<0.01	0.148	0.19	17.7	17.2	2.63	1600	3.89	0.03	<0.05
8700209		4.9	7.01	8.79	0.08	0.05	<0.01	0.145	0.22	19.7	11.7	1.84	1540	4.88	0.02	<0.05
8700210		8.0	7.54	3.81	0.08	0.03	0.01	0.086	0.28	15.2	6.8	0.65	1440	4.28	0.01	<0.05
8700211		3.9	7.28	10.45	0.07	0.04	0.01	0.138	0.34	17.2	15.4	2.37	1680	1.51	0.01	<0.05
8700212		5.4	6.45	10.75	0.07	0.04	0.01	0.121	0.48	16.0	14.8	2.33	2850	3.88	0.01	<0.05
8700213		5.5	7.68	8.64	0.07	0.03	<0.01	0.103	0.42	13.2	14.4	1.94	2160	5.54	0.01	<0.05
8700214		3.2	6.35	10.80	0.06	0.08	<0.01	0.071	0.26	9.7	19.9	2.41	1320	1.71	0.14	0.07
8700215		1.1	0.11	0.09	<0.05	<0.02	0.01	<0.005	0.01	1.2	0.5	1.01	127	<0.05	<0.01	<0.05
8700216		9.0	6.85	9.86	0.07	0.04	0.01	0.075	0.55	16.1	17.1	2.09	1920	2.04	0.01	<0.05
8700217		47.3	9.15	6.98	0.07	0.05	0.03	0.153	0.99	10.1	9.3	1.30	4910	4.93	0.01	<0.05
8700218		3.5	7.21	9.00	0.07	0.04	<0.01	0.075	0.44	17.4	17.9	2.46	1580	0.92	0.01	<0.05
8700219		8.7	9.33	5.66	0.08	0.04	0.01	0.056	0.37	13.4	11.5	1.54	1280	0.72	0.02	<0.05
8700220		5.5	7.08	8.68	0.07	0.04	0.01	0.060	0.27	14.2	20.5	2.27	1350	37.1	0.04	<0.05
8700221		5.4	6.85	9.86	0.08	0.06	0.01	0.084	0.40	8.5	22.3	2.32	1200	5.88	0.17	0.08
8700222		6.6	6.93	11.95	0.08	0.10	<0.01	0.113	0.34	7.5	29.7	2.59	1130	1.09	0.18	0.10
8700223		5.9	9.19	7.63	0.07	0.04	<0.01	0.068	0.30	13.7	16.3	1.73	954	3.27	0.08	<0.05
8700224		5.8	7.68	10.45	0.07	0.06	<0.01	0.154	0.32	15.1	21.7	2.56	1440	2.97	0.08	<0.05
8700225		5490	7.36	4.98	0.09	0.18	5.23	0.737	0.24	7.8	8.7	1.25	736	313	0.05	0.23
8700226		5.4	6.68	12.05	0.10	0.06	0.01	0.365	0.20	16.4	19.9	2.91	1700	1.29	0.09	<0.05
8700227		4.3	6.20	10.60	0.07	0.06	0.01	0.250	0.22	14.0	17.0	2.56	1720	1.19	0.11	<0.05
8700228		4.5	6.13	10.60	0.07	0.06	0.01	0.251	0.19	13.9	17.1	2.58	1720	1.13	0.10	<0.05

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

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LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH20211202

Sample Description	Method Analyte Units LOD	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Ti % 0.005
8700201		2.9	2340	10.5	22.0	<0.001	2.56	1.25	13.9	0.4	0.9	72.4	<0.01	0.13	1.2	0.008
8700202		2.7	2310	23.8	56.3	0.001	4.11	1.87	13.1	1.5	0.8	99.4	<0.01	0.14	1.0	0.027
8700203		2.7	2390	10.9	64.9	<0.001	3.51	1.28	13.1	1.0	1.2	109.5	<0.01	0.19	0.9	0.049
8700204		2.7	2320	19.6	54.8	<0.001	4.02	1.15	11.8	0.7	1.1	108.5	<0.01	0.28	0.8	0.034
8700205		352	660	8760	14.1	0.016	6.78	19.20	4.8	13.2	5.3	68.6	<0.01	0.66	1.9	0.050
8700206		2.8	2240	20.5	35.4	0.001	6.31	0.99	9.4	1.5	1.2	93.0	<0.01	0.16	0.7	0.054
8700207		2.8	2440	26.2	16.8	0.001	3.87	0.81	12.3	0.8	1.7	68.2	<0.01	0.11	1.1	0.024
8700208		2.9	2470	17.1	12.4	<0.001	3.62	1.16	14.9	0.6	1.7	69.5	<0.01	0.16	1.3	0.009
8700209		3.0	2450	15.4	12.5	<0.001	4.60	1.03	13.8	0.8	1.2	91.3	<0.01	0.18	1.3	0.006
8700210		3.1	2390	16.1	15.3	<0.001	6.52	1.78	10.5	0.8	0.5	79.4	<0.01	0.23	1.2	<0.005
8700211		3.0	2330	12.2	20.7	0.001	4.65	1.13	12.4	0.8	0.7	88.7	<0.01	0.15	1.3	0.007
8700212		2.8	2330	86.1	27.0	<0.001	3.81	2.00	13.4	0.8	1.1	88.3	<0.01	0.17	1.2	0.008
8700213		2.9	2290	25.8	25.8	<0.001	5.47	1.79	12.1	1.1	0.8	90.0	<0.01	0.20	1.0	0.016
8700214		3.3	2410	9.3	18.1	<0.001	3.60	1.64	10.8	0.7	1.6	115.5	<0.01	0.14	0.9	0.051
8700215		<0.2	80	<0.2	0.4	<0.001	0.02	0.05	0.2	0.9	<0.2	77.1	<0.01	<0.01	<0.2	<0.005
8700216		2.9	2420	22.0	34.1	<0.001	4.38	3.53	13.2	0.8	1.1	111.0	<0.01	0.17	1.3	0.023
8700217		3.6	2100	673	49.3	<0.001	9.04	18.70	11.6	1.8	3.2	117.5	<0.01	0.93	0.9	0.015
8700218		2.9	2370	18.1	24.5	<0.001	5.63	2.02	11.4	0.9	0.8	95.8	<0.01	0.30	1.3	0.007
8700219		3.2	2260	31.1	20.8	0.001	9.39	2.11	7.4	1.3	0.6	53.4	<0.01	0.78	1.1	0.007
8700220		4.6	2170	13.8	18.5	0.001	4.98	1.77	9.3	1.1	0.8	61.2	<0.01	0.13	1.2	0.006
8700221		2.8	2300	20.1	23.7	<0.001	4.88	1.35	12.3	1.1	1.3	493	<0.01	0.12	0.8	0.065
8700222		3.3	2280	19.0	21.7	<0.001	4.82	0.94	13.6	1.1	1.6	3150	<0.01	0.14	0.9	0.077
8700223		5.2	1840	26.7	19.1	0.001	8.63	0.73	9.1	1.2	0.7	136.0	<0.01	0.53	1.3	0.009
8700224		3.2	2320	14.1	22.8	0.001	5.04	0.56	13.2	0.8	1.3	99.1	<0.01	0.23	1.2	0.029
8700225		38.9	850	6720	11.4	0.200	7.31	280	4.6	13.5	3.0	183.0	<0.01	2.12	2.4	0.045
8700226		3.2	2570	14.1	14.4	0.001	2.99	1.28	16.0	0.4	1.9	105.0	<0.01	0.14	1.4	0.024
8700227		3.9	2480	6.7	14.4	<0.001	2.65	0.97	13.2	0.4	1.5	129.5	<0.01	0.08	1.3	0.016
8700228		3.6	2490	6.7	13.4	<0.001	2.71	0.94	12.8	0.3	1.5	128.5	<0.01	0.09	1.3	0.014

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20211202

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Zn-OC46 Zn % 0.001	Au-ICP21 Au ppm 0.001
8700201		0.43	0.19	95	0.20	17.50	128	0.9			0.064
8700202		0.99	0.23	106	0.16	17.15	199	1.0			0.023
8700203		1.15	0.22	140	0.20	15.65	156	1.3			0.017
8700204		0.95	0.17	129	0.19	16.75	150	1.3			0.014
8700205		1.58	4.21	304	2.13	7.86	8010	3.7			1.555
8700206		0.56	0.15	130	0.38	12.15	159	1.6			0.009
8700207		0.23	0.19	145	0.33	15.85	195	1.7			0.017
8700208		0.16	0.20	156	0.25	16.85	167	1.4			0.031
8700209		0.17	0.20	123	0.27	15.95	141	1.5			0.302
8700210		0.20	0.16	82	0.29	11.90	125	1.1			0.037
8700211		0.28	0.17	129	0.20	16.35	159	1.4			0.025
8700212		0.37	0.15	128	0.15	16.95	378	1.4			0.035
8700213		0.40	0.12	120	0.23	13.05	186	1.1			0.023
8700214		0.23	0.17	138	0.29	13.75	145	2.3			0.038
8700215		<0.02	0.14	<1	0.09	2.42	3	<0.5			0.001
8700216		0.49	0.12	126	0.18	14.10	223	1.2			0.054
8700217		0.71	0.15	99	0.33	12.25	2850	1.7			0.182
8700218		0.33	0.18	128	0.25	14.00	164	1.7			0.034
8700219		0.29	0.13	79	0.27	12.55	117	1.2			0.207
8700220		0.26	0.18	116	0.20	14.50	159	1.4			0.021
8700221		0.38	0.14	142	0.56	12.00	165	1.8			0.011
8700222		0.32	0.17	148	0.53	12.95	174	2.4			0.009
8700223		0.23	0.16	93	0.38	12.00	124	1.5			0.042
8700224		0.30	0.15	132	0.28	13.70	168	1.5			0.021
8700225		6.27	1.51	74	18.80	7.97	10000	5.7	123	1.035	3.77
8700226		0.18	0.24	153	0.21	17.30	210	1.3			0.022
8700227		0.19	0.24	137	0.11	15.25	184	1.5			0.028
8700228		0.17	0.24	136	0.11	15.85	186	1.4			0.032

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ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20211202

	CERTIFICATE COMMENTS			
	ANALYTICAL COMMENTS			
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41			
	LABORATORY ADDRESSES			
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-31	PUL-31d	PUL-QC
	SPL-21	SPL-21d	WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG46	Au-ICP21	ME-MS41	ME-OG46
	Zn-OG46			



ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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CERTIFICATE WH20211224

Project: Sixty Mile

P.O. No.: Batch 5

This report is for 40 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 22-SEP-2020.

The following have access to data associated with this certificate:

HEATHER BURRELL
STEVE ISRAEL
LIZ SMITH

MATT DUMALA
JACK MORTON

CRAIG DUNN
SCOTT NEWMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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CERTIFICATE OF ANALYSIS WH20211224

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
8700161		15.27	0.06	2.23	0.5	<0.02	<10	230	0.38	0.04	1.19	0.09	20.2	19.4	121	6.97
8700162		18.33	0.13	2.29	0.5	<0.02	<10	130	0.37	0.04	2.30	0.13	13.70	21.8	129	4.88
8700163		17.74	0.30	2.65	0.7	<0.02	<10	100	0.52	0.06	1.79	0.07	9.29	33.5	140	6.16
8700164		16.00	1.17	2.89	0.6	<0.02	10	40	0.50	0.08	1.95	0.18	7.88	37.1	155	4.10
8700165		0.26	30.7	4.57	142.5	1.04	<10	20	0.21	10.75	4.53	34.4	12.30	88.7	55	0.97
8700166		19.56	0.06	1.56	0.9	<0.02	<10	180	0.57	0.09	1.89	0.15	26.7	16.5	139	4.77
8700167		22.22	0.05	1.91	0.2	<0.02	<10	80	0.22	0.02	1.85	0.05	4.31	17.6	91	2.69
8700168		16.65	0.05	1.88	0.3	<0.02	<10	60	0.30	0.02	2.04	0.05	4.53	21.5	85	4.38
8700169		2.07	0.65	1.42	39.3	0.02	<10	400	0.67	0.88	0.91	1.09	42.9	11.7	46	3.08
8700170		10.93	0.53	1.21	30.2	<0.02	<10	400	0.65	0.87	0.60	0.96	43.8	7.6	26	1.33
8700171		9.26	0.68	1.09	49.0	<0.02	<10	390	0.56	1.11	0.54	0.74	43.5	8.7	22	1.25
8700172		7.05	1.16	1.20	58.8	0.02	<10	320	0.61	1.28	0.62	1.40	38.8	8.5	20	1.34
8700173		22.25	2.32	2.46	35.2	0.12	<10	180	0.94	5.04	1.40	3.48	42.6	15.8	20	3.63
8700174		11.24	13.45	1.51	30.2	0.72	<10	140	1.08	24.8	2.61	2.35	34.7	11.8	14	2.13
8700175		3.50	0.03	0.03	0.2	<0.02	<10	10	<0.05	0.07	>25.0	0.03	1.14	0.8	1	0.08
8700176		8.36	3.24	1.62	25.3	0.05	<10	40	1.02	6.09	2.91	2.56	30.5	23.9	14	2.37
8700177		12.03	1.53	0.50	777	0.10	<10	100	0.65	2.93	2.39	2.90	28.9	10.8	6	2.06
8700178		10.69	2.92	0.41	902	0.15	<10	90	0.43	2.85	1.89	1.24	30.0	16.2	5	1.60
8700179		9.04	2.17	0.46	307	0.15	<10	70	0.39	2.66	2.07	3.63	27.0	15.0	4	1.47
8700180		13.19	2.02	0.42	1040	0.13	<10	90	0.48	1.84	1.72	7.65	25.0	15.0	6	2.06
8700181		9.74	2.61	0.51	132.5	0.71	<10	100	0.52	2.00	2.37	3.05	26.5	11.2	6	2.10
8700182		8.95	0.90	0.46	30.0	0.18	<10	140	0.62	1.08	2.64	1.83	26.4	9.5	5	2.24
8700183		4.94	1.53	0.41	32.0	0.07	<10	160	0.51	1.57	1.97	1.62	27.9	5.9	5	1.94
8700184		11.12	1.81	0.55	45.4	0.56	<10	100	0.56	1.37	2.44	1.02	28.5	7.2	5	2.23
8700185		0.26	>100	1.24	837	3.45	20	10	0.27	7.31	3.72	56.5	19.60	29.5	39	1.79
8700186		13.23	1.24	1.52	19.2	0.45	<10	70	0.90	1.87	1.99	0.46	32.1	11.6	11	4.37
8700187		12.32	1.74	1.43	25.0	0.04	<10	100	1.09	3.25	2.70	0.89	40.9	15.6	13	3.09
8700188		8.38	1.12	1.26	11.6	0.04	<10	50	1.13	3.24	1.84	0.67	33.2	16.3	13	3.04
8700189		8.86	1.98	1.56	14.0	0.11	<10	80	1.01	4.49	3.61	2.45	39.3	21.1	14	4.39
8700190		13.98	1.92	3.30	18.0	0.07	<10	30	0.69	4.59	2.40	0.62	37.6	20.4	22	3.69
8700191		11.18	0.74	3.34	12.3	0.10	<10	130	0.74	2.05	2.84	0.96	36.4	16.2	22	13.05
8700192		5.21	0.75	2.30	10.9	0.05	<10	100	0.88	2.27	3.29	1.84	42.9	17.5	17	7.77
8700193		8.74	1.11	3.23	11.1	0.08	<10	50	0.71	1.89	3.42	0.27	37.4	18.5	23	10.20
8700194		6.72	0.51	3.30	9.9	0.03	<10	70	0.77	1.56	2.94	0.17	37.8	18.0	23	11.45
8700195		<0.02	0.52	3.28	9.3	0.11	<10	70	0.78	1.53	2.92	0.15	37.0	17.2	23	11.10
8700196		12.16	0.34	3.14	5.7	0.07	<10	100	0.75	1.37	3.73	0.09	36.9	15.5	22	4.74
8700197		7.91	2.37	2.16	18.8	0.26	<10	40	1.13	2.38	3.64	1.05	37.8	16.8	17	4.40
8700198		8.13	0.25	2.99	12.6	<0.02	<10	70	0.76	1.79	3.42	0.26	37.0	16.2	22	4.21
8700199		12.50	0.53	3.36	4.9	<0.02	<10	70	1.11	1.65	3.45	0.26	30.4	16.1	21	6.64
8700200		4.01	0.17	2.83	4.3	<0.02	<10	40	0.84	1.20	3.35	0.09	32.1	16.0	21	5.47

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH20211224

Sample Description	Method Analyte Units LOD	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ca ppm 0.05	ME-MS41 Ce ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
8700161		35.2	3.72	5.74	<0.05	0.05	<0.01	0.024	0.27	9.6	23.7	2.02	552	0.79	0.02	<0.05
8700162		83.3	3.84	6.05	<0.05	0.10	<0.01	0.019	0.18	6.6	23.4	2.36	741	0.61	0.03	<0.05
8700163		42.3	5.40	7.02	0.07	0.14	<0.01	0.024	0.13	4.8	22.0	2.46	788	0.63	0.05	0.05
8700164		236	5.81	8.13	0.08	0.19	<0.01	0.028	0.10	3.4	32.4	3.37	847	0.47	0.04	0.07
8700165		7210	8.70	6.29	0.08	0.10	0.43	2.42	0.23	6.7	5.2	1.12	609	49.6	0.31	0.12
8700166		20.8	3.74	6.52	0.05	0.04	<0.01	0.026	0.26	13.6	22.1	1.85	620	1.24	0.05	<0.05
8700167		16.5	2.73	4.43	<0.05	0.10	<0.01	0.014	0.18	1.9	17.1	1.91	477	0.72	0.12	0.11
8700168		35.0	3.36	4.93	0.06	0.13	<0.01	0.016	0.13	1.8	15.6	1.65	551	0.74	0.15	0.18
8700169		88.5	3.29	3.69	0.05	0.02	0.03	0.081	0.34	22.5	10.9	0.72	323	5.33	0.02	0.60
8700170		82.7	2.81	3.19	0.05	0.02	0.03	0.061	0.26	23.5	7.6	0.36	282	5.55	0.02	0.70
8700171		76.5	3.42	3.15	0.05	0.07	0.02	0.108	0.40	24.3	7.6	0.37	291	5.01	0.03	0.64
8700172		83.8	3.71	3.67	0.05	0.07	0.02	0.175	0.45	21.2	8.1	0.43	435	4.61	0.03	0.55
8700173		234	6.83	9.08	0.07	0.06	0.01	0.702	0.29	22.1	14.0	1.42	1720	4.74	0.02	0.13
8700174		1210	7.85	5.32	0.07	0.03	0.02	0.800	0.24	17.2	7.4	1.45	2250	3.81	0.01	<0.05
8700175		3.3	0.14	0.09	<0.05	<0.02	<0.01	0.007	0.01	1.3	0.7	0.83	129	<0.05	0.01	<0.05
8700176		244	8.16	5.94	0.05	0.03	<0.01	0.428	0.23	14.9	7.6	1.48	2460	3.23	0.01	<0.05
8700177		22.5	4.04	1.61	<0.05	0.04	0.02	0.139	0.24	16.3	1.9	0.75	2040	6.52	0.01	<0.05
8700178		131.5	4.88	1.29	<0.05	0.05	0.01	0.161	0.24	17.1	1.5	0.27	3450	6.49	<0.01	<0.05
8700179		74.9	5.60	1.26	<0.05	0.06	0.01	0.185	0.31	15.0	1.6	0.32	2840	6.21	0.01	<0.05
8700180		40.5	4.40	1.17	<0.05	0.06	0.02	0.203	0.21	13.4	1.7	0.26	3180	5.52	0.01	<0.05
8700181		58.6	4.85	1.43	<0.05	0.06	0.02	0.198	0.28	14.0	2.1	0.48	3100	6.10	0.02	<0.05
8700182		16.5	3.63	1.37	<0.05	0.13	0.01	0.164	0.24	14.9	1.8	0.90	1780	4.04	0.01	<0.05
8700183		14.2	3.13	1.22	<0.05	0.15	0.01	0.115	0.23	15.8	1.4	0.65	1520	4.14	0.01	<0.05
8700184		22.9	3.78	1.24	<0.05	0.06	0.01	0.174	0.28	15.6	2.4	0.63	2290	5.35	0.01	<0.05
8700185		5610	7.61	5.46	0.10	0.19	5.31	0.789	0.25	8.5	9.8	1.28	742	320	0.05	0.24
8700186		122.0	5.77	5.11	0.06	0.04	0.02	0.514	0.52	16.1	6.7	0.77	1390	4.97	0.02	<0.05
8700187		230	6.42	4.03	0.08	0.05	0.09	0.428	0.35	19.4	5.5	0.92	2160	1.35	0.01	<0.05
8700188		23.8	9.20	3.85	0.07	0.04	0.03	0.447	0.53	15.9	4.1	0.42	1500	0.64	0.02	<0.05
8700189		59.1	7.57	5.06	0.07	0.04	0.05	0.578	0.27	19.3	8.0	1.81	2490	1.51	0.01	<0.05
8700190		92.9	7.88	12.15	0.09	0.04	0.01	0.289	0.23	18.7	20.3	2.57	1900	1.78	0.01	<0.05
8700191		25.3	6.86	12.25	0.12	0.05	0.01	0.382	0.23	17.7	19.7	2.70	2100	1.73	0.01	<0.05
8700192		16.1	6.71	8.13	0.08	0.04	0.03	0.346	0.25	20.8	13.7	1.81	2490	1.63	0.01	<0.05
8700193		351	6.84	11.80	0.09	0.04	0.01	0.386	0.22	19.1	18.2	2.73	2060	1.89	0.02	<0.05
8700194		62.8	7.29	12.55	0.09	0.05	0.01	0.379	0.23	18.6	18.0	2.82	2000	1.62	0.02	<0.05
8700195		60.2	7.17	12.25	0.08	0.05	<0.01	0.379	0.23	18.4	17.7	2.78	1980	1.56	0.02	<0.05
8700196		8.8	7.19	12.05	0.08	0.04	<0.01	0.366	0.28	18.3	15.6	2.62	2020	0.55	0.02	<0.05
8700197		3.7	7.27	8.14	0.07	0.04	0.02	0.359	0.37	18.6	9.8	1.92	4840	0.45	0.01	<0.05
8700198		3.5	6.79	11.40	0.08	0.05	<0.01	0.191	0.34	17.8	14.8	2.50	2180	0.41	0.04	<0.05
8700199		4.4	7.64	11.55	0.07	0.04	<0.01	0.183	0.66	14.2	14.4	2.45	3120	0.71	0.11	<0.05
8700200		3.6	7.05	10.25	0.08	0.04	<0.01	0.296	0.49	15.4	10.4	2.43	2370	1.22	0.03	<0.05

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH20211224

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2	Ti % 0.005
8700161		84.8	770	1.4	20.0	<0.001	0.01	<0.05	7.8	0.3	0.4	46.2	<0.01	0.07	2.8	0.031
8700162		88.1	690	1.5	13.8	<0.001	0.01	<0.05	10.8	0.4	0.4	67.7	<0.01	0.05	1.7	0.096
8700163		62.5	820	1.9	13.8	<0.001	0.08	0.07	16.8	0.8	0.5	61.9	<0.01	0.11	0.6	0.177
8700164		82.4	830	2.6	9.7	<0.001	0.54	0.07	20.9	1.9	0.5	69.3	<0.01	0.11	0.4	0.268
8700165		358	670	8800	14.2	0.017	6.77	19.60	4.8	13.3	5.2	69.0	<0.01	0.67	2.1	0.052
8700166		105.0	690	4.5	23.1	<0.001	0.01	0.07	9.2	0.5	0.4	43.9	<0.01	0.05	3.6	0.076
8700167		43.0	820	1.7	9.9	<0.001	0.01	<0.05	7.2	0.2	0.3	69.9	<0.01	0.02	0.3	0.239
8700168		37.8	830	0.9	7.8	<0.001	<0.01	<0.05	10.3	0.2	0.4	78.9	<0.01	0.03	0.2	0.312
8700169		36.4	850	79.8	19.8	0.001	0.28	5.96	5.1	0.9	0.5	49.6	<0.01	0.15	2.7	0.033
8700170		17.4	810	70.7	15.2	<0.001	0.28	6.20	3.1	0.8	0.4	36.8	<0.01	0.14	1.8	0.032
8700171		16.9	780	112.0	17.5	0.001	0.44	7.35	3.1	0.5	0.5	41.8	<0.01	0.18	3.4	0.028
8700172		15.1	870	231	19.3	0.001	0.51	7.99	3.2	0.8	0.7	39.5	<0.01	0.19	3.0	0.024
8700173		7.7	2150	135.0	14.3	<0.001	0.64	3.36	9.5	<0.2	1.8	61.8	<0.01	0.21	2.4	0.012
8700174		3.5	2360	523	10.5	0.001	1.52	7.78	10.3	<0.2	0.9	78.3	<0.01	0.40	1.8	<0.005
8700175		0.2	70	1.3	0.3	<0.001	0.01	0.05	0.2	0.5	<0.2	81.1	<0.01	<0.01	<0.2	<0.005
8700176		2.8	2390	258	10.6	0.001	2.05	3.19	10.7	0.5	0.7	70.9	<0.01	0.33	1.3	<0.005
8700177		1.8	800	183.0	10.3	<0.001	1.34	8.47	3.2	0.2	0.3	58.6	<0.01	0.21	2.2	<0.005
8700178		2.3	630	110.5	8.2	<0.001	1.78	20.8	2.9	0.3	0.3	44.4	<0.01	0.42	2.3	<0.005
8700179		2.0	630	260	7.0	<0.001	2.07	12.25	2.9	<0.2	0.2	54.4	<0.01	0.47	2.3	<0.005
8700180		2.5	630	409	9.1	<0.001	1.71	11.55	2.7	<0.2	0.3	28.1	<0.01	0.23	2.1	<0.005
8700181		1.8	760	402	9.3	<0.001	1.82	4.96	3.6	0.2	0.4	112.0	<0.01	0.33	2.1	<0.005
8700182		1.8	510	168.0	10.7	<0.001	1.32	1.70	2.0	<0.2	<0.2	58.7	<0.01	0.15	2.9	<0.005
8700183		1.8	500	156.5	9.7	<0.001	1.30	1.81	2.0	<0.2	<0.2	42.4	<0.01	0.14	2.7	<0.005
8700184		2.0	610	65.7	9.3	0.001	1.90	6.16	2.5	<0.2	0.2	60.4	<0.01	0.13	2.8	<0.005
8700185		39.6	870	6840	11.6	0.203	7.47	286	4.5	15.4	3.5	195.5	<0.01	2.20	2.7	0.048
8700186		2.2	1820	74.4	23.8	0.001	2.50	4.08	7.7	<0.2	0.5	63.7	<0.01	0.16	1.8	0.006
8700187		2.9	2860	86.4	21.7	0.001	2.32	16.10	12.6	0.2	0.9	83.0	<0.01	0.29	1.8	<0.005
8700188		2.8	2340	162.5	25.2	0.001	3.11	5.01	14.1	0.9	0.8	95.4	<0.01	0.27	1.5	<0.005
8700189		3.1	2420	148.0	18.3	<0.001	2.49	5.91	13.9	0.5	0.9	126.5	<0.01	0.57	1.6	<0.005
8700190		3.2	2460	88.3	15.0	0.001	2.96	5.02	10.4	0.5	0.8	72.2	<0.01	1.95	1.4	0.007
8700191		3.3	2470	78.8	18.0	<0.001	1.56	4.12	12.8	<0.2	1.4	82.1	<0.01	0.32	1.6	0.010
8700192		3.4	2520	94.2	18.8	0.001	2.18	2.42	16.3	0.4	1.5	140.0	<0.01	0.29	1.6	0.005
8700193		3.2	2460	33.5	15.8	<0.001	1.67	3.49	14.3	0.3	1.7	93.0	<0.01	0.19	1.5	0.012
8700194		3.3	2460	23.2	17.6	<0.001	2.07	3.85	14.3	0.2	1.8	74.6	<0.01	0.12	1.6	0.015
8700195		3.2	2420	23.1	17.1	<0.001	2.00	3.80	13.9	<0.2	1.7	71.5	<0.01	0.12	1.5	0.015
8700196		3.1	2480	22.3	18.8	<0.001	1.82	1.37	12.2	<0.2	0.9	105.5	<0.01	0.15	1.4	0.014
8700197		3.3	2480	110.5	20.6	0.001	2.54	1.97	14.0	0.3	1.1	103.5	<0.01	0.41	1.6	0.009
8700198		3.3	2450	20.9	19.7	<0.001	2.65	1.11	11.8	0.2	1.1	99.2	<0.01	0.12	1.4	0.013
8700199		3.1	2450	33.1	37.0	<0.001	3.82	1.56	12.1	0.6	1.2	112.0	<0.01	0.11	1.1	0.027
8700200		2.9	2420	7.7	28.2	<0.001	3.31	1.58	10.7	0.4	0.8	89.7	<0.01	0.08	1.2	0.015

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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CERTIFICATE OF ANALYSIS WH20211224

Sample Description	Method Analyte Units LOD	ME-MS41 Ti ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Ag-OC46 Ag ppm 1	Zn-OC46 Zn % 0.001	Au-ICP21 Au ppm 0.001
8700161		0.09	0.33	86	0.26	7.00	81	0.8			<0.001
8700162		0.05	0.32	93	0.19	9.76	76	1.4			<0.001
8700163		0.04	0.12	123	0.09	11.65	89	2.1			<0.001
8700164		0.02	0.15	147	0.14	12.65	96	2.8			<0.001
8700165		1.58	5.02	305	2.11	7.81	8030	3.7			1.625
8700166		0.11	0.34	99	0.23	11.80	87	0.7			<0.001
8700167		0.04	0.09	72	0.10	7.39	44	1.6			<0.001
8700168		0.03	0.08	92	0.12	8.57	55	2.3			<0.001
8700169		0.20	0.85	44	1.07	11.05	180	1.1			0.019
8700170		0.18	0.85	33	1.18	11.35	133	0.7			0.018
8700171		0.20	0.76	30	0.88	7.77	180	3.7			0.021
8700172		0.24	0.63	34	0.88	7.64	226	3.5			0.027
8700173		0.20	0.69	119	0.43	16.15	404	2.5			0.223
8700174		0.16	0.53	117	0.30	15.15	410	1.2			0.422
8700175		<0.02	0.09	<1	<0.05	2.20	3	<0.5			0.001
8700176		0.18	0.36	121	0.47	16.25	430	0.9			0.110
8700177		0.19	0.24	24	0.36	7.50	391	1.7			0.144
8700178		0.16	0.39	14	0.51	7.42	201	2.0			0.176
8700179		0.15	0.39	15	0.41	6.27	539	2.4			0.243
8700180		0.26	0.28	16	0.66	7.19	1170	2.4			0.216
8700181		0.18	0.44	23	0.56	8.07	697	3.2			2.13
8700182		0.16	0.37	14	0.32	7.00	299	5.3			0.097
8700183		0.17	0.31	11	0.41	6.54	253	5.7			0.107
8700184		0.16	0.30	13	0.38	7.02	175	2.7			0.618
8700185		7.24	1.58	76	19.40	7.77	>10000	5.9	122	1.025	4.37
8700186		0.37	0.32	79	0.70	8.90	143	1.4			0.685
8700187		0.31	0.43	112	0.51	17.15	252	1.7			0.133
8700188		0.38	0.46	113	0.61	11.30	293	1.0			0.199
8700189		0.25	0.34	117	0.49	16.65	423	1.0			0.126
8700190		0.22	0.26	148	0.33	14.40	231	1.1			0.132
8700191		0.25	0.26	147	0.76	14.95	274	1.1			0.049
8700192		0.27	0.32	126	0.67	17.10	334	1.0			0.089
8700193		0.21	0.24	145	0.78	15.85	186	1.2			0.173
8700194		0.21	0.23	144	0.61	16.20	180	1.2			0.096
8700195		0.23	0.23	142	0.58	15.60	176	1.1			0.038
8700196		0.30	0.21	132	0.18	16.90	156	1.3			0.086
8700197		0.43	0.25	112	0.12	17.30	382	1.2			0.081
8700198		0.32	0.21	125	0.17	17.15	175	1.4			0.019
8700199		0.64	0.19	129	0.20	16.40	205	1.4			0.008
8700200		0.49	0.17	116	0.17	15.50	158	1.0			0.033

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-NOV-2020
Account: F

Project: Sixty Mile

CERTIFICATE OF ANALYSIS WH20211224

	CERTIFICATE COMMENTS
	ANALYTICAL COMMENTS
Applies to Method:	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME-MS41
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. CRU-31 CRU-QC LOG-21 LOG-21d LOG-23 PUL-31 PUL-31d PUL-QC SPL-21 SPL-21d WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Ag-OG46 Au-ICP21 ME-MS41 ME-OG46 Zn-OG46

Appendix III

Geological Logs

Hole Name	Depth From (m)	Depth To (m)	Rock Type	Description
SM-20-001	0	12.19	OVb	Gravel and overburden, comprising andesite and minor bull white quartz.
SM-20-001	12.19	15.24	AND	Dark green, foliated, pyritic andesite; muscovite on some surfaces.
SM-20-001	15.24	36.58	AND	Pale green, calcareous andesite; trace v.f.g. py.; hematite on some surfaces.
SM-20-001	36.58	39.62	QV	White bull quartz.
SM-20-001	39.62	45.72	AND	Dark green, foliated andesite of the same type as 12.19 - 15.24 m.
SM-20-001	45.72	48.77	AND	Mixed fragments of white bull quartz and calcareous andesite of the same type as 15.24 - 38.58 m.
SM-20-001	48.77	50.29	QV	White quartz w/ minor pale green encrusting mineralization (Mg-chlorite?)
SM-20-001	50.29	64.01	AND	Foliated, weakly calcareous andesite of the same type as 15.24 - 36.58 m; notable hematite b/w 60.96 - 62.48 m.
SM-20-001	64.01	67.06	FLT	Sand-sized grains of quartz and andesite.
SM-20-001	67.06	70.1	AND	Dark green andesite of the same type as 12.19 - 15.24 m.
SM-20-002	0	10.67	OVb	Polymictic sand, gravel and overburden; predominantly sand-sized grains; oxidized between 9.14 - 10.67 m.
SM-20-002	10.67	13.72	SCH	Medium orange-tan quartz-muscovite schist; weakly calcareous.
SM-20-002	13.72	22.86	AND	Small, predominately sand-sized fragments of pale green chloritic andesite; some pieces appear to be foliated.
SM-20-002	22.86	44.2	AND	Strongly foliated dark green andesite; hematite on some outside surfaces; trace v.f.g. py. + cpy., increasing in abundance from 35.05 m onward, as well as increasing orange-brown oxide.
SM-20-002	44.2	53.34	AND	Mixed fragments of medium green, very weakly calcareous andesite and white quartz; predominantly coarse, sand-sized fragments; moderate v.f.g. py. In both rock types; some hematite on outside surfaces or sometimes as clots.
SM-20-002	53.34	60.96	AND	Dark green andesite of the same type as 22.86 - 44.20 m; muscovite on some surfaces.
SM-20-002	60.96	64.01	AND	Pale green, weakly calcareous andesite, w/ moderate v.f.g. epidote and hematite on outside surfaces; trace v.f.g. py.
SM-20-002	64.01	68.58	AND	Dark green andesite of the same type as 22.86 - 44.20 m.

Hole Name	Depth From (m)	Depth To (m)	Rock Type	Description
SM-20-002	68.58	74.68	FLR	50-50 sand sized and ≥ 1 cm dia. fragments of dark green andesite and white quartz; abundant f.g. muscovite on larger fragments, and rare pale green clay throughout.
SM-20-002	74.68	80.77	AND	Dark green andesite of the same type as 22.86 - 44.20 m.
SM-20-003	0	4.57	OVB	Polymictic sand, gravel and overburden; predominately sand-sized grains.
SM-20-003	4.57	9.14	AND	Strongly foliated, dark green andesite; encrusting white calcite on outside surfaces; trace v.f.g. py.
SM-20-003	9.14	21.34	AND	Coarser sand-sized grains of medium green andesite?
SM-20-003	21.34	35.05	AND	Foliated dark green to red-brown andesite w/ abundant f.g. muscovite; no sx.
SM-20-003	35.05	45.72	AND	Mixture of pale green (Mg-chlorite bearing?), foliated andesite and bull white qtz hosting patchy hematite.
SM-20-003	45.72	47.24	FLT	Fine, medium green sand (fault?)
SM-20-003	47.24	59.44	AND	Foliated, dark green andesite; rare, patchy hematite on outside surfaces; trace v.f.g. py.
SM-20-003	59.44	60.96	AND	Oxidized/hematite-rich, brick red andesite.
SM-20-003	60.96	79.25	AND	Dark green, foliated andesite of the same type as 47.24 - 59.44 m; weakly calcareous at the end of the hole.
SM-20-004	0	6.1	OVB	Sand-sized grains of orange-red and medium grey-green overburden.
SM-20-004	6.1	28.96	SST	Orange to brick-red, f.g., hematite-rich sandstone, w/ trace f.g. disseminated py.
SM-20-004	28.96	80.77	AND	Unfoliated, weakly calcareous, medium grey-green, feldspar-phyric andesite w/ $\sim 2-4\%$ v.f.g. py. hosted in clots and patches, as well as ox. on most outside surfaces; w/ pyrite increasing in abundance to $>5\%$ at the bottom of the hole; very rare ≤ 5 mm dia. G

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-001	B700005	0	0	SM-20-001	Standard; CDN-ME-16
SM -20-001	B700015	0	0	SM-20-001	Blank
SM -20-001	B700025	0	0	SM-20-001	Standard; Rau-2
SM -20-001	B700045	0	0	SM-20-002	Standard; CDN-ME-16
SM -20-001	B700001	0	1.52	SM-20-001	
SM -20-001	B700002	1.52	3.05	SM-20-001	
SM -20-001	B700003	3.05	4.57	SM-20-001	
SM -20-001	B700004	4.57	6.1	SM-20-001	
SM -20-001	B700006	6.1	7.62	SM-20-001	
SM -20-001	B700007	7.62	9.14	SM-20-001	
SM -20-001	B700008	9.14	10.67	SM-20-001	
SM -20-001	B700009	10.67	12.19	SM-20-001	
SM -20-001	B700010	12.19	13.72	SM-20-001	
SM -20-001	B700011	13.72	15.24	SM-20-001	
SM -20-001	B700012	15.24	16.76	SM-20-001	
SM -20-001	B700013	16.76	18.29	SM-20-001	
SM -20-001	B700014	18.29	19.81	SM-20-001	
SM -20-001	B700016	19.81	21.34	SM-20-001	
SM -20-001	B700017	21.34	22.86	SM-20-001	
SM -20-001	B700018	22.86	24.38	SM-20-001	
SM -20-001	B700019	24.38	25.91	SM-20-001	
SM -20-001	B700020	25.91	27.43	SM-20-001	
SM -20-001	B700021	27.43	28.96	SM-20-001	
SM -20-001	B700022	28.96	30.48	SM-20-001	
SM -20-001	B700023	30.48	32	SM-20-001	
SM -20-001	B700024	32	33.53	SM-20-001	
SM -20-001	B700026	33.53	35.05	SM-20-001	
SM -20-001	B700027	35.05	36.58	SM-20-001	
SM -20-001	B700028	36.58	38.1	SM-20-001	
SM -20-001	B700029	38.1	39.62	SM-20-001	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-001	B700030	39.62	41.15	SM-20-001	
SM -20-001	B700031	41.15	42.67	SM-20-001	
SM -20-001	B700032	42.67	44.2	SM-20-001	
SM -20-001	B700033	44.2	45.72	SM-20-001	
SM -20-001	B700034	45.72	47.24	SM-20-001	
SM -20-001	B700035	45.72	47.24	SM-20-001	Coarse Reject Duplicate
SM -20-001	B700036	47.24	48.77	SM-20-001	
SM -20-001	B700037	48.77	50.29	SM-20-001	
SM -20-001	B700038	50.29	51.82	SM-20-001	
SM -20-001	B700039	51.82	53.34	SM-20-001	
SM -20-001	B700040	53.34	54.86	SM-20-001	
SM -20-001	B700041	54.86	56.39	SM-20-002	
SM -20-001	B700042	56.39	57.91	SM-20-002	
SM -20-001	B700043	57.91	59.44	SM-20-002	
SM -20-001	B700044	59.44	60.96	SM-20-002	
SM -20-001	B700046	60.96	62.48	SM-20-002	
SM -20-001	B700047	62.48	64.01	SM-20-002	
SM -20-001	B700048	64.01	65.53	SM-20-002	
SM -20-001	B700049	65.53	67.06	SM-20-002	
SM -20-001	B700050	67.06	68.58	SM-20-002	
SM -20-001	B700051	68.58	70.1	SM-20-002	
SM -20-002	B700055	0	0	SM-20-002	Blank
SM -20-002	B700065	0	0	SM-20-002	Standard; Rau-2
SM -20-002	B700090	0	0	SM-20-003	Standard; CDN-ME-16
SM -20-002	B700095	0	0	SM-20-003	Blank
SM -20-002	B700105	0	0	SM-20-003	Standard; Rau-2
SM -20-002	B700052	0	1.52	SM-20-002	
SM -20-002	B700053	1.52	3.05	SM-20-002	
SM -20-002	B700054	3.05	4.57	SM-20-002	
SM -20-002	B700056	4.57	6.1	SM-20-002	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-002	B700057	6.1	7.62	SM-20-002	
SM -20-002	B700058	7.62	9.14	SM-20-002	
SM -20-002	B700059	9.14	10.67	SM-20-002	
SM -20-002	B700060	10.67	12.19	SM-20-002	
SM -20-002	B700061	12.19	13.72	SM-20-002	
SM -20-002	B700062	13.72	15.24	SM-20-002	
SM -20-002	B700063	15.24	16.76	SM-20-002	
SM -20-002	B700064	16.76	18.29	SM-20-002	
SM -20-002	B700066	18.29	19.81	SM-20-002	
SM -20-002	B700067	19.81	21.34	SM-20-002	
SM -20-002	B700068	21.34	22.86	SM-20-002	
SM -20-002	B700069	22.86	24.38	SM-20-002	
SM -20-002	B700070	24.38	25.91	SM-20-002	
SM -20-002	B700071	25.91	27.43	SM-20-002	
SM -20-002	B700072	27.43	28.96	SM-20-002	
SM -20-002	B700073	28.96	30.48	SM-20-002	
SM -20-002	B700074	30.48	32	SM-20-002	
SM -20-002	B700075	30.48	32	SM-20-002	Coarse Reject Duplicate
SM -20-002	B700076	32	33.53	SM-20-002	
SM -20-002	B700077	33.53	35.05	SM-20-002	
SM -20-002	B700078	35.05	36.58	SM-20-002	
SM -20-002	B700079	36.58	38.2	SM-20-002	
SM -20-002	B700080	38.2	39.62	SM-20-002	
SM -20-002	B700081	39.62	41.15	SM-20-003	
SM -20-002	B700082	41.15	42.67	SM-20-003	
SM -20-002	B700083	42.67	44.2	SM-20-003	
SM -20-002	B700084	44.2	45.72	SM-20-003	
SM -20-002	B700085	45.72	47.24	SM-20-003	
SM -20-002	B700086	47.24	48.77	SM-20-003	
SM -20-002	B700087	48.77	50.29	SM-20-003	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-002	B700088	50.29	51.82	SM-20-003	
SM -20-002	B700089	51.82	53.34	SM-20-003	
SM -20-002	B700091	53.34	54.86	SM-20-003	
SM -20-002	B700092	54.86	56.39	SM-20-003	
SM -20-002	B700093	56.39	57.91	SM-20-003	
SM -20-002	B700094	57.91	59.44	SM-20-003	
SM -20-002	B700096	59.44	60.96	SM-20-003	
SM -20-002	B700097	60.96	62.48	SM-20-003	
SM -20-002	B700098	62.48	64.01	SM-20-003	
SM -20-002	B700099	64.01	65.53	SM-20-003	
SM -20-002	B700100	65.53	67.06	SM-20-003	
SM -20-002	B700101	67.06	68.58	SM-20-003	
SM -20-002	B700102	68.58	70.1	SM-20-003	
SM -20-002	B700103	70.1	71.63	SM-20-003	
SM -20-002	B700104	71.63	73.15	SM-20-003	
SM -20-002	B700106	73.15	74.68	SM-20-003	
SM -20-002	B700107	74.68	76.2	SM-20-003	
SM -20-002	B700108	76.2	77.72	SM-20-003	
SM -20-002	B700109	77.72	79.25	SM-20-003	
SM -20-002	B700110	79.25	80.77	SM-20-003	
SM -20-003	B700125	0	0	sm-20-004	Standard; CDN-ME-16
SM -20-003	B700135	0	0	sm-20-004	Blank
SM -20-003	B700145	0	0	sm-20-004	Standard; Rau-2
SM -20-003	B700165	0	0	SM-20-005	Standard; CDN-ME-16
SM -20-003	B700111	0	1.52	SM-20-003	
SM -20-003	B700112	1.52	3.05	SM-20-003	
SM -20-003	B700113	3.05	4.57	SM-20-003	
SM -20-003	B700114	4.57	6.1	SM-20-003	
SM -20-003	B700115	4.57	6.1	SM-20-003	Coarse Reject Duplicate
SM -20-003	B700116	6.1	7.62	SM-20-003	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-003	B700117	7.62	9.14	SM-20-003	
SM -20-003	B700118	9.14	10.67	SM-20-003	
SM -20-003	B700119	10.67	12.19	SM-20-003	
SM -20-003	B700120	12.19	13.72	SM-20-003	
SM -20-003	B700121	13.72	15.24	sm-20-004	
SM -20-003	B700122	15.24	16.76	sm-20-004	
SM -20-003	B700123	16.76	18.29	sm-20-004	
SM -20-003	B700124	18.29	19.81	sm-20-004	
SM -20-003	B700126	19.81	21.34	sm-20-004	
SM -20-003	B700127	21.34	22.86	sm-20-004	
SM -20-003	B700128	22.86	24.38	sm-20-004	
SM -20-003	B700129	24.38	25.91	sm-20-004	
SM -20-003	B700130	25.91	27.43	sm-20-004	
SM -20-003	B700131	27.43	28.96	sm-20-004	
SM -20-003	B700132	28.96	30.48	sm-20-004	
SM -20-003	B700133	30.48	32	sm-20-004	
SM -20-003	B700134	32	33.53	sm-20-004	
SM -20-003	B700136	33.53	35.05	sm-20-004	
SM -20-003	B700137	35.05	36.58	sm-20-004	
SM -20-003	B700138	36.58	38.1	sm-20-004	
SM -20-003	B700139	38.1	39.62	sm-20-004	
SM -20-003	B700140	39.62	41.15	sm-20-004	
SM -20-003	B700141	41.15	42.67	sm-20-004	
SM -20-003	B700142	42.67	44.2	sm-20-004	
SM -20-003	B700143	44.2	45.72	sm-20-004	
SM -20-003	B700144	45.72	47.24	sm-20-004	
SM -20-003	B700146	47.24	48.77	sm-20-004	
SM -20-003	B700147	48.77	50.29	sm-20-004	
SM -20-003	B700148	50.29	51.82	sm-20-004	
SM -20-003	B700149	51.82	53.34	sm-20-004	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-003	B700150	53.34	54.86	sm-20-004	
SM -20-003	B700151	54.86	56.39	sm-20-004	
SM -20-003	B700152	56.39	57.91	sm-20-004	
SM -20-003	B700153	57.91	59.44	sm-20-004	
SM -20-003	B700154	59.44	60.96	sm-20-004	
SM -20-003	B700155	59.44	60.96	sm-20-004	Coarse Reject Duplicate
SM -20-003	B700156	60.96	62.48	sm-20-004	
SM -20-003	B700157	62.48	64.01	sm-20-004	
SM -20-003	B700158	64.01	65.53	sm-20-004	
SM -20-003	B700159	65.53	67.06	sm-20-004	
SM -20-003	B700160	67.06	68.58	sm-20-004	
SM -20-003	B700161	68.58	70.1	SM-20-005	
SM -20-003	B700162	70.1	71.63	SM-20-005	
SM -20-003	B700163	71.63	73.15	SM-20-005	
SM -20-003	B700164	73.15	74.68	SM-20-005	
SM -20-003	B700166	74.68	76.2	SM-20-005	
SM -20-003	B700167	76.2	77.72	SM-20-005	
SM -20-003	B700168	77.72	79.25	SM-20-005	
SM -20-004	B700175	0	0	SM-20-005	Blank
SM -20-004	B700185	0	0	SM-20-005	Standard; Rau-2
SM -20-004	B700205	0	0	SM-20-006	Standard; CDN-ME-16
SM -20-004	B700215	0	0	SM-20-006	Blank
SM -20-004	B700225	0	0	SM-20-006	Standard; Rau-2
SM -20-004	B700169	0	1.52	SM-20-005	
SM -20-004	B700170	1.52	3.05	SM-20-005	
SM -20-004	B700171	3.05	4.57	SM-20-005	
SM -20-004	B700172	4.57	6.1	SM-20-005	
SM -20-004	B700173	6.1	7.62	SM-20-005	
SM -20-004	B700174	7.62	9.14	SM-20-005	
SM -20-004	B700176	9.14	10.67	SM-20-005	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-004	B700177	10.67	12.19	SM-20-005	
SM -20-004	B700178	12.19	13.72	SM-20-005	
SM -20-004	B700179	13.72	15.24	SM-20-005	
SM -20-004	B700180	15.24	16.76	SM-20-005	
SM -20-004	B700181	16.76	18.29	SM-20-005	
SM -20-004	B700182	18.29	19.81	SM-20-005	
SM -20-004	B700183	19.81	21.34	SM-20-005	
SM -20-004	B700184	21.34	22.86	SM-20-005	
SM -20-004	B700186	22.86	24.38	SM-20-005	
SM -20-004	B700187	24.38	25.91	SM-20-005	
SM -20-004	B700188	25.91	27.43	SM-20-005	
SM -20-004	B700189	27.43	28.96	SM-20-005	
SM -20-004	B700190	28.96	30.48	SM-20-005	
SM -20-004	B700191	30.48	32	SM-20-005	
SM -20-004	B700192	32	33.53	SM-20-005	
SM -20-004	B700193	33.53	35.05	SM-20-005	
SM -20-004	B700194	35.05	36.58	SM-20-005	
SM -20-004	B700195	35.05	36.58	SM-20-005	Coarse Reject Duplicate
SM -20-004	B700196	36.58	38.1	SM-20-005	
SM -20-004	B700197	38.1	39.62	SM-20-005	
SM -20-004	B700198	39.62	41.15	SM-20-005	
SM -20-004	B700199	41.15	42.67	SM-20-005	
SM -20-004	B700200	42.67	44.2	SM-20-005	
SM -20-004	B700201	44.2	45.72	SM-20-006	
SM -20-004	B700202	45.72	47.24	SM-20-006	
SM -20-004	B700203	47.24	48.77	SM-20-006	
SM -20-004	B700204	48.77	50.29	SM-20-006	
SM -20-004	B700206	50.29	51.82	SM-20-006	
SM -20-004	B700207	51.82	53.34	SM-20-006	
SM -20-004	B700208	53.34	54.86	SM-20-006	

Hole Name	Sample ID	From (m)	To (m)	Batch Name	QA/QC Type
SM -20-004	B700209	54.86	56.39	SM-20-006	
SM -20-004	B700210	56.39	57.91	SM-20-006	
SM -20-004	B700211	57.91	59.44	SM-20-006	
SM -20-004	B700212	59.44	60.96	SM-20-006	
SM -20-004	B700213	60.96	62.48	SM-20-006	
SM -20-004	B700214	62.48	64.01	SM-20-006	
SM -20-004	B700216	64.01	65.53	SM-20-006	
SM -20-004	B700217	65.53	67.06	SM-20-006	
SM -20-004	B700218	67.06	68.58	SM-20-006	
SM -20-004	B700219	68.58	70.1	SM-20-006	
SM -20-004	B700220	70.1	71.63	SM-20-006	
SM -20-004	B700221	71.63	73.15	SM-20-006	
SM -20-004	B700222	73.15	74.68	SM-20-006	
SM -20-004	B700223	74.68	76.2	SM-20-006	
SM -20-004	B700224	76.2	77.72	SM-20-006	
SM -20-004	B700226	77.72	79.25	SM-20-006	
SM -20-004	B700227	79.25	80.77	SM-20-006	
SM -20-004	B700228	79.25	80.77	SM-20-006	Coarse Reject Duplicate