ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING AND PROSPECTING

at the

IDAHO CREEK PROPERTY

Idaho 1-22	YC41111-YC41132
Idaho 23-52	YC46510-YC46539
Idaho 53-119	YE12153-YE94799

NTS 115J/9 & 10
Latitude 62°58'N; Longitude 138°33'W

in the

Whitehorse Mining District, Yukon Territory

Field work performed from August 8 to August 11 and September 12, 2020

prepared by

ATAC RESOURCES LTD.

By

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December 2020

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INTRODUCTION

The Idaho Creek property is a silver-gold-lead-zinc prospect located in Western Yukon Territory. The property is owned by ATAC Resources Ltd. (ATAC). Funding for work described in this report was provided by ATAC, Makara Mining Corp. (Makara) and by the Yukon Mineral Exploration Program (YMEP).

PROPERTY LOCATION, CLAIM DATA, ACCESS AND INFRASTRUCTURE

The Idaho Creek property is located in western Yukon at latitude 62°45'N and longitude 138°33'W on NTS map sheets 115J/9 and 10 (Figure 1).

The property comprises a total of 58 contiguous mineral claims covering 1175 ha. The claims are registered with the Whitehorse Mining Recorder in the name of ATAC Resources Ltd. Claim data are listed below, while the locations of individual claims are shown in Figure 2.

TABLE I: IDAHO CREEK CLAIM INFORMATION

Claim	Numbers	Grants	Expiry
IDAHO	1-22	YC41111-YC41132	Feb 15, 2026
IDAHO	23-52	YC46510-YC46539	Feb 15, 2026
IDAHO	53-58	YE12153-YE12158	Feb 15, 2026
IDAHO	59-94	YE12159-YE94774	Sep 03, 2021
IDAHO	95-99	YE94775-YE94779	Feb 15, 2026
IDAHO	100-103	YE94780-YE94783	Sep 03, 2021
IDAHO	104-117	YE94784-YE94797	Feb 15, 2026
IDAHO	118-119	YE94798-YE94799	Sep 03, 2021

** Expiry dates include 2020 work, which has been filed for assessment credit and has been accepted.*

The claims are situated approximately 150 km south of Dawson City, 300 km north-northwest of Whitehorse and 14 km east of the Casino Airstrip, which has been used by aircraft up to DC-3 in size. The nearest road access points are the Freegold Road, 86 km to the southeast, and at the Minto Airstrip on the Klondike Highway, 100 km to the east-southeast. Location of the Idaho Creek camp, mineralized showing, Reverse Circulation drilling and diamond drilling are found in Figure 3.

In 2020 ATAC optioned the Idaho Creek property to Makara. Makara can acquire a 100% interest in the Idaho Creek Property by making aggregates cash payments of C$150,000 and issuing ATAC an aggregate of 750,000 shares by July 1, 2024 and completing C$2,000,000 in work expenditures by December 1, 2024. A one-time milestone payment of C$1.00 per gold equivalent ounce will be paid to ATAC if a mineral resource is identified on the property. ATAC will also retain a 2% net smelter return on the property, one half of which can be purchased by Makara for C$1,000,000.

HISTORY AND PREVIOUS WORK

The Idaho Creek area was first staked in 1985 by Freegold Venture (Chevron Canada Limited) to cover a geochemical target that was outlined in 1980 by Nat Joint Venture (Chevron and Armco Mineral Exploration Ltd.). Follow-up prospecting, geological mapping and grid soil sampling later in 1985 by Freegold Venture delineated a number of moderate to strong gold, arsenic, lead and silver anomalies along with mineralized vein float (Eaton and Halleran, 1985).

Silverquest Resources Ltd. optioned the property from Chevron in 1986 and added more claims. It conducted a two-phase exploration program that year. The first phase consisted of a bulldozer trenching and prospecting, mostly done in June. The second phase involved a one-day follow-up in August to hand pit and sample areas in the trenches that thawed during the summer (Carne and Halleran, 1986).

The Claims were sold to Rinsey Mines Limited in 1990, which briefly optioned them to Eastfield Resources Litd. in spring 1993. There is no record of work having been done by Rinsey or Eastfield.

The area became open for staking in late spring 1993 and was soon re-staked by P.J. Ross, an independent prospector. Ross preformed limited geochemical sampling, prospecting and hand trenching later that summer and optioned the claims to Island-Arc Resources Corp. in 1994. There was no record of future work on the property.

ATAC staked the Idaho Creek claims in spring 2006 and soon afterward optioned them to Klondike Silver. The 2006 program consisted of geophysical surveys and 556 m of reverse circulation (RC) drilling. The drill results returned an Au-Ag-Pb-Zn metal signature indicative of a high-level porphyry system (Wengzynowski, 2007). Additionally, approximately 16.5 km of expanding pole-dipole induced polarization (IP) surveying was conducted across a 2 x 1.5 km area centered on soil geochemical anomalies A and B.

In 2007, 1,118.42 m of diamond drilling was completed in 4 holes. All 4 holes intersected elevated gold, silver, lead, zinc associated with steeply dipping structures possibly above a buried porphyry system. The abundance of elevated gold-in-soil remains enigmatic (Smith, 2008).

In 2013, the Geological Survey of Canda completed a 1:100,000 scale regional map around the nearby Casino Cu-Mo-Au porphyry (Minfile 115J 028). During this work, a Casino suite aged porphyritic plug was mapped on the Idaho Creek property (Ryan et al., 2013).

In July 2015 ATAC contracted Precision GeoSurveys Inc. to conduct an airborne geophysical survey of the Idaho Creek property. The survey consisted of helicopter flown, high resolution magnetic and radiometric data collection of the area (Poon, 2015). Data acquired from the geophysical survey included Total Magnetic Intensity (TMI), First Vertical Derivative of TMI, Potassium – Equivalent Concentration in percentage, Thorium – Equivalent Concentration and Uranium – Equivalent Concentration. The survey revealed a 1000 x 500 m coincident total

magnetic intensity high and potassium, uranium and thorium high in the south-west corner of the property (Lane, 2016).

GEOMORPHOLOGY AND CLIMATE

The property is located in the Dawson Range, an area of western Yukon that escaped Pleistocene glaciation. This area is a deeply incised former peneplane characterized by rounded ridges and V-shaped dendritic drainages. Local elevations range from 820 m in the creek beds to 1400 m along deeply weathered ridge crests. Most of the property covers long, gentle to moderate, north facing hillsides that are heavily vegetated with thick moss, slide alder and stunted black spruce.

Soil development is poor in most parts of the claim block. Typically, organic rich soil and white volcanic ash deposits (from a ~2000 year old eruption in Alaska) lie directly atop coarse boulders surrounded by permanently frozen, clay rich mud. The boulders are derived from more massive, resistant weathering rock types and tend to obscure highly fractured to altered, recessive weathering units.

Idaho Creek cuts through the property and Isaac Creek lies to the west. Both creeks are tributaries of the Yukon River.

REGIONAL GEOLOGY

The geology of the Idaho Creek property has been mapped at 1:250,000 by the Geological Survey of Canada (Tempelman-Kluit, 1973) and at 1:100,000 by the Yukon Geological Survey (Johnston, 1995).

The Idaho Creek property is located in the Yukon-Tanana Terrane (YTT) an island arc tectonic element that was accreted to the western margin of ancient North America in early Mesozoic times (Figure 4). The claims lie south of the Tintina Fault and are underlain by a variety of late Mesozoic plutons. The property is bounded to the west by the northeast trending Dip Creek Fault and to the north by a southeast trending fault that may be an unmapped extension of the Big Creek Fault (Figure 5).

The Idaho Creek claims lie within a mineralized belt that contains numerous copper deposits and precious polymetallic veins and breccias extending southeasterly from the Casino Porphyry Deposit to the former Mt. Nansen Mine. The belt is about 1000 km long and known as the Tintina Gold Belt which spans the northern North American Cordillera (Goldfarb et al., 2000). Most of the mineralization in the belt appears to be related to Late Cretaceous quartz-feldspar porphyry dykes and plugs.

Lithologically, the region is defined by felsic to intermediate intrusive rocks, primarily early Cretaceous in age. Abundant Permian aged, variably metamorphosed potassium-feldspar augen

granite and quartz-muscovite-chlorite schist occurs regionally, often associated with Ediacaran meta-sediments, amphibolite and marble. Simpson Range Suite metadiorite and metatonalite are ubiquitous northeast of Idaho Creek property. Additionally, multiple Casino Suite quartz-feldspar porphyry intrusions are observed, regionally. See figure 5 for regional scale geological map. Descriptions of major rock units of the Idaho Creek region are made following the Yukon Geological Survey, 2019 and are located in table II, below.

TABLE II: MAJOR ROCK UNITS OF IDAHO CREEK REGION

Suite	Age	Description
Rhyolite Creek	Paleocene	Maroon, green, purple to black rhyolite, dacite and fine to very coarse-grained andesite
Prospector Mountain	Cretaceous	Syenite
Casino	late Cretaceous	Quartz-feldspar porphyry
Whitehorse	early Cretaceous	Biotite-Hornblende granodiorite, Hornblende quartz diorite, hornblende diorite, biotite-quartz monzonite, biotite granite and leucogranite
Mount Nansen	Cretaceous	Massive aphyric or feldspar-phyric andesite to dacite flows
Carmacks	Cretaceous	Augite-olivine basalt and breccia; andesite, porphyry; sandstone, pebble conglomerate, shale, tuff and coal
Sulphur Creek	Permian	Variably foliated, potassium feldspar augen granite, metaporphyry
Simpson Range	Mississippian	Hornblende-bearing metagranodiorite, metadiorite and metatonalite
Finlayson	Devonian	Intermediate to mafic volcanic and volcaniclastic rocks; carbonaceous metasedimentary rocks, metachert; ultramafic rocks, serpentinite, metagabbro
Snowcap	Ediacaran	Quartzite, psammite, pelite and marble; minor greenstone and amphibolite

Regional-scale geological maps appear on the Yukon Geological Survey (YGS) website, which is periodically updated when new information becomes available (YGS, 2019).

PROPERTY GEOLOGY

Geology of the Idaho Creek property is dominated by early Cretaceous, Whitehorse Suite (mKgW) Biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite. Multiple late Cretaceous, Casino Suite (LKfC) quartz-feldspar porphyry intrusions and dykes are found on the property. Property Geology is illustrated on figure 6.

Diamond drilling in 2007 encountered numerous steeply dipping epidote-diopside dykes and thin veins, as-well-as medium-grained granite bodies (Smith, 2008).

Geophysical survey maps are provided in figures 7-11. Radiometric and magnetic maps have identified a 1000 x 500 m coincident total magnetic intensity high and potassium, uranium and thorium high in the south-west corner of the main claim block. This anomaly roughly corresponds to Casino Suite porphyry rocks in figure 6.

MINERALIZATION

Mineralization in diamond drill holes is associated with near vertical features. The unoxidized mineralization mainly consists of fine-grained pyrite and arsenopyrite as disseminations and fine to medium grained pyrite with lesser sphalerite, galena, arsenopyrite and fine black sulphides on fractures. Fracture density and abundance of mineralization generally increase with depth. Moderate to strong wallrock alteration, consisting of epidote-sericite and chlorite-talc, is prevalent in deeper portions of the hole. Mineralization down-hole occurs proximal to medium-grained granite and epidote-diopside altered dykes and thin veins containing Ag-Pb-Zn±Au (Smith, 2008). Table of highlight diamond drill results is tabulated in table III.

TABLE III: HIGHLIGHT DIAMOND DRILL RESULTS

Hole Name	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
ID-07-01	240.4	241.77	1.37	0.76	36.2	0.4	1.51
	250.9	253.65	2.75	0.291	209	0.91	1.14
ID-07-02	263.35	266.79	2.44	0.3	29.3	0.36	0.38
	276	277.67	1.67	0.185	49.7	0.61	0.69
ID-07-03	103.5	105.06	1.56	0.64	114	0.72	0.86
	111.3	112.15	0.85	1.27	417	8.17	4.4
ID-07-04	192.59	210.31	17.72	-	23.4	0.28	0.5

**Note: dashes indicate no significant result for that element.*

Fracture densities are typically low, reaching a maximum of one fracture per 20 cm along core axis. Fractures are generally between one millimeter and two centimeters wide and are healed with quartz, calcite, siderite and manganese.

Previous RC and diamond drilling, mapping and prospecting has identified Zn-Pb-Au-Ag±Cu metal signatures, indicative of a buried high-level porphyry system. Sulphide (pyrite-galena-sphalerite-arsenopyrite) veins, commonly occurring in gouge and breccias, on the property in conjunction with multiple intrusive units suggests the property is within a sub-epithermal vein region along the margin of or overlying a Mo±Cu±Au porphyry system (Sillitoe, 2010).

RESULTS

Exploration in 2020 focused primarily on evaluating the west and southern sides of the property. Multiple intrusive rock samples were collected, including variably altered and weathered granites, diorites and monzonites, anomalous gold, silver, molybdenum, lead and zinc. Rock samples contain trace amounts disseminated sulphide, with some samples containing

quartz±limonite±goethite veinlets. Broad spaced soil sampling occurred along the western and south western side of the property. Soil sampling was designed to duplicate 1985 soil to verify historic results and extend known soil anomalies. A 5-day prospecting and soil sampling program was conducted to assess the property for sub-epithermal Zn-Pb-Au-Ag±Cu vein mineralization and Mo±Cu±Au porphyry potential.

SOIL GEOCHEMISTRY

In 2020, crews preformed gridded soil sampling on the Idaho Creek Property, collecting 468 soil samples (Figure 12).

Gridded soil sampling was performed in 2020 along the west and southern sides of the main claim block of the property to extend and confirm soil sampling conducted in 1985. Work in 2020 identified multiple clusters of anomalous gold-, silver-, molybdenum-, lead- and zinc-in-soil; as-well-as linear east-west to northwest-southeast trending linear anomalous gold-, silver-, molybdenum- and lead-in-soil. With highlight values of 308 ppb Au, 13.65 ppm Ag, 77.80 ppm Mo, 658 ppm Pb and 826 ppm Zn. Notably, only a small cluster of anomalous copper values were returned from 2020 soil sampling.

Results from all soil sampling in 2020 are illustrated in figures 13 through 17. A digital copy of soil sample descriptions is included in appendix III and certificates of analysis are included in appendix IV.

Soil Sample Analytical Information

All soil samples were transported from the property to ALS Minerals in Whitehorse, YT in the custody of Archer Cathro employees. Samples were received, prepared and then transported to ALS Minerals' North Vancouver, BC laboratory for geochemical analyses. Soil samples were dried and screened to -80 mesh to produce a fine fraction. Splits of the fine fraction were routinely dissolved in aqua regia and analyzed for 50 elements using inductively coupled plasma-mass spectrometry and atomic emission spectroscopy (ME-MS41). All samples were also analyzed for gold using a 30g fire assay and inductively coupled plasma-atomic emission spectroscopy (Au-ICP21).

ROCK GEOCHEMISTRY

In 2020, a total of 38 rock samples were collected, focused primarily on the western and southern sides of the property (Figure 18). Results from rock sampling in 2020 are illustrated in figures 19 through 24. A digital copy of rock samples descriptions is included in appendix V and certificates of analysis are included in appendix VI.

Rock samples were collected to test the Mo±Cu±Au porphyry potential of the property as-well-as to determine different intrusive phase relationships, particularly due to the similarities between rocks on Idaho Creek and Casino Suite rocks. Multiple intrusive rock samples were

collected, including variably altered and weathered granites, diorites and monzonites which contained varying amounts of low-grade gold-, silver-, and lesser molybdenum-, lead- and zinc-in-soil. Notably, no significant copper was returned in any rock sample collected in 2020. All but one rock sample was a collected from float, due to the poor exposure of outcrop on the property, abundance of frozen clay rich mud and due to weathering resistive boulders that obstruct recessive weathering and altered rock types from being sampled. Highlight rock samples are presented in Table IV, below.

TABLE IV: HIGHLIGHT ROCK SAMPLES

Sample ID	Gold (g/t)	Silver (g/t)	Molybdenum (g/t)	Lead (%)	Zinc (%)
B0051421	**0.36**	15.05	7.15	0.11	0.44
B0051422	-	0.24	**158.00**	-	-
B0051423	**0.98**	9.41	3.90	-	0.13
B0051426	0.14	31.90	6.51	0.16	0.12
B0051429	0.19	**76.60**	5.28	0.26	-
B0051430	0.11	18.75	6.02	-	-
B0051431	0.17	**43.40**	2.83	-	-
B0051432	0.28	**52.60**	4.35	0.19	-
B0051433	0.10	8.46	2.61	-	-
B0051434	0.13	19.05	4.87	-	-
B0051435	0.17	**63.40**	2.26	0.13	-

**Note: dashes indicate no significant result for that element.*

Prospecting in 2020 confirmed multiple intrusive rock types on the property, with varying amounts of weathering and alterations. Geochemical results from rock sampling indicate the possibility of both sub-epithermal and porphyry style mineralization.

Rock Sample Analytical Information

Rock samples were transported to ALS Minerals in Whitehorse, YT in the custody of Archer Cathro employees. Samples were received, prepared and then transported to ALS Minerals' North Vancouver, BC laboratory for geochemical analysis. Rock samples were fine crushed before a 250 g split was pulverized to better than 85% passing 75 microns. Splits of the pulverized material were analyzed by ME-MS41, which uses an aqua regia digestion and analysis for 50 elements by inductively coupled plasma (ICP) together with mass spectrometry (MS) and atomic emission spectroscopy (AES). The samples were assayed for gold by Au-AA23, which takes a 30 g charge and prepares it by fire assay before being finished with atomic absorption spectroscopy (AAS).

Whole rock analysis was conducted using the MI-ICP06 method, which involves a lithium metaborate fusion followed by ICP-AES analysis. Hyperspectral analysis was conducted using the HYP-PKG method which includes visible and near infrared and short wave infrared spectral data collection followed by interpretation using the aiSIRIS™ package.

DISCUSSION AND CONCLUSIONS

The Idaho Creek property possesses mineralization and geology that is comparable to a Mo±Cu±Au porphyry system with sub-epithermal vein mineralization. Notable in both soil sampling and rock sampling is the lack of copper anomalism, which may indicate a Mo-Au type of porphyry or that exploration efforts have yet to locate a significant copper anomaly.

Exploration in 2020 focused on the west side of the property with lesser property scale exploration. Soil sampling identified multiple clusters and linear features of gold-, silver-, molybdenum- and lead-in-soil. Future work on the property would benefit from additional systematic geochemical sampling, geological mapping and Reverse Circulation or Rotary Air Blast drilling. Furthermore, trenching to bedrock would be beneficial to understand the geology and to assess porphyry potential of the property.

Continued systematic exploration on the property for Mo±Cu±Au porphyry potential and high sulphide veins is warranted to better understand the geology and mineralization of the property.

Respectfully submitted,

ATAC Resources Ltd.

Austin Schneebeli, B.Sc., G.I.T.

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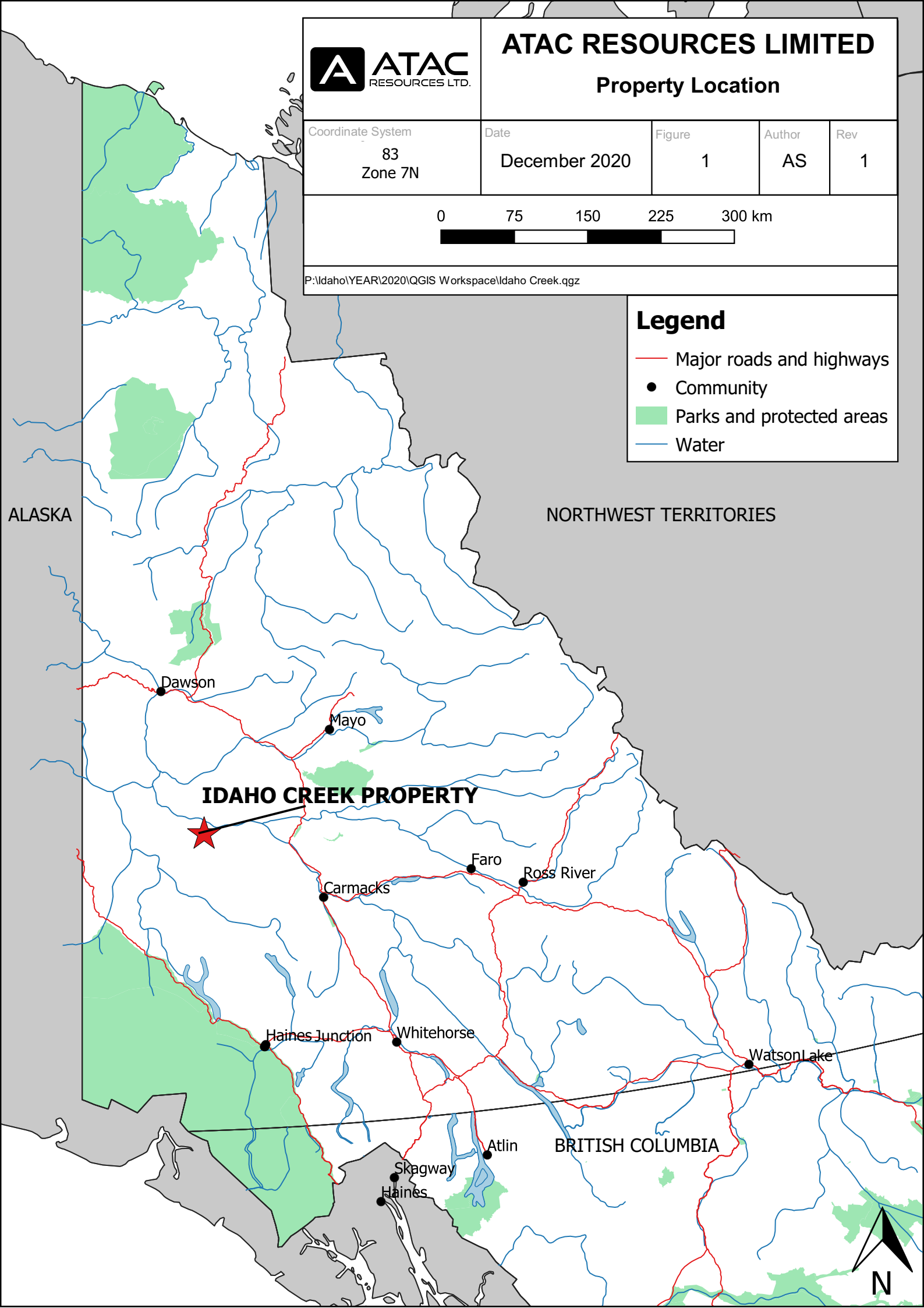
ATAC RESOURCES LIMITED
Property Location
Coordinate System
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Zone 7N
Date
December 2020
Figure
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Author
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300 km
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Legend
Major roads and highways
Community
Parks and protected areas
Water
ALASKA
NORTHWEST TERRITORIES
Dawson
Mayo
IDAHO CREEK PROPERTY
Faro
Ross River
Carmacks
Haines Junction
Whitehorse
Watson Lake
Atlin
BRITISH COLUMBIA
Skagway
Haines
N

620,000 mE | 622,000 mE | 624,000 mE | 626,000 mE | 628,000 mE | 630,000 mE

6,960,000 mN

6,958,000 mN

6,956,000 mN

IDAHO 100 YE94780

IDAHO 101 YE94781

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IDAHO 94 YE94774

IDAHO 95 YE94775

IDAHO 96 YE94776

IDAHO 97 YE94777

IDAHO 98 YE94778

IDAHO 99 YE94779

N

Legend

- ATAC IDAHO Claims
- Other Claims
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

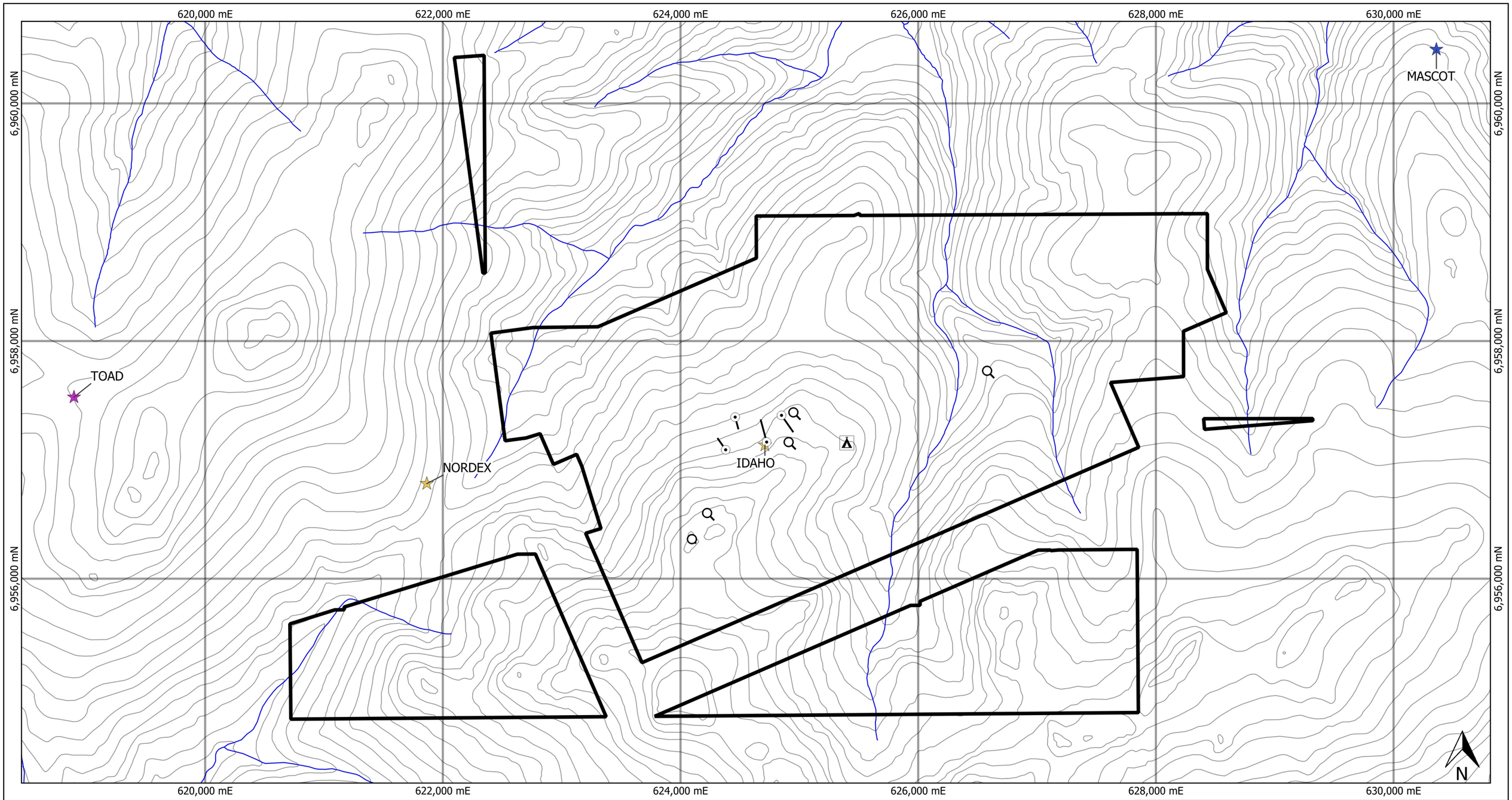
ATAC RESOURCES LTD.

Idaho Creek

Claims

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	2	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz



Legend

- Orogenic Au
- Plutonic Related Au
- Unknown
- Vein Polymetallic Ag-Pb-Zn+/-Au
- 2007 Diamond Drill Collar
- 2006 Reverse Circulation Collar
- 2020 Camp
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

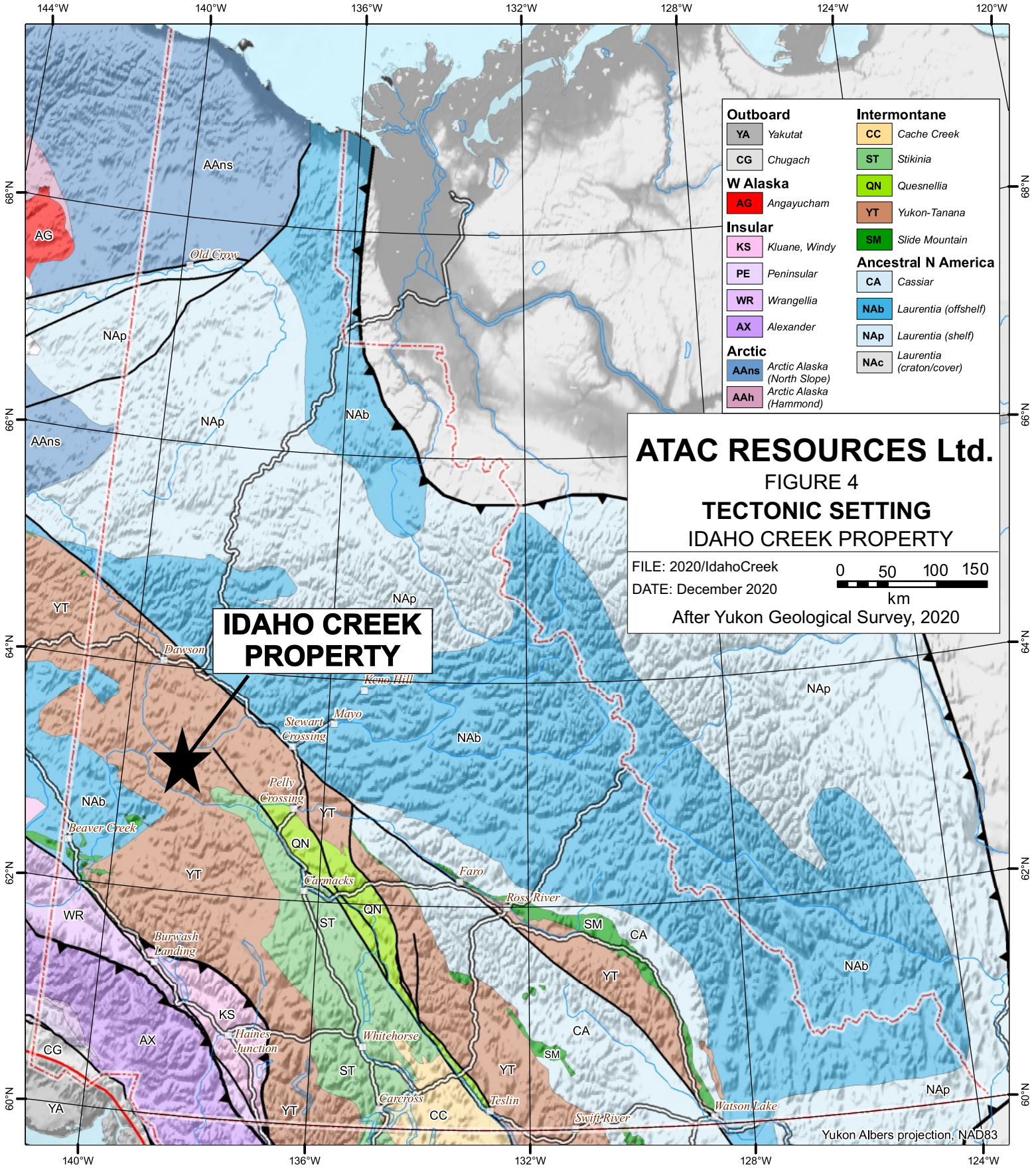
ATAC RESOURCES LTD.

Idaho Creek

Infrastructure, Showings and Drill Holes

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	3	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz


144°W
140°W
136°W
132°W
128°W
124°W
120°W
68°N
66°N
64°N
62°N
60°N
Outboard
YA Yakutat
CG Chugach
W Alaska
AG Angayucham
Insular
KS Kluane, Windy
PE Peninsular
WR Wrangellia
AX Alexander
Arctic
AANs Arctic Alaska (North Slope)
AAh Arctic Alaska (Hammond)
Intermontane
CC Cache Creek
ST Stikinia
QN Quesnellia
YT Yukon-Tanana
SM Slide Mountain
Ancestral N America
CA Cassiar
NAb Laurentia (offshelf)
NAp Laurentia (shelf)
NAc Laurentia (craton/cover)
ATAC RESOURCES Ltd.
FIGURE 4
TECTONIC SETTING
IDAHO CREEK PROPERTY
FILE: 2020/IdahoCreek
DATE: December 2020
0 50 100 150
km
After Yukon Geological Survey, 2020
IDAHO CREEK PROPERTY
Old Crow
Dawson
Keno Hill
Stewart Crossing
Mayo
Pelly Crossing
Beaver Creek
Carmacks
Faro
Ross River
Burwash Landing
Haines Junction
Whitehorse
Carcross
Teslin
Watson Lake
Swift River
Yukon Albers projection, NAD83

Idaho Creek Property
Regional Geology

ATAC RESOURCES LTD

Coordinate Reference System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	5	AS	1

Scale 1:75,000

0 1 2 3 4 5 km

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

605,000 mE 610,000 mE 615,000 mE 620,000 mE 625,000 mE 630,000 mE 635,000 mE 640,000 mE 645,000 mE

6,970,000 mN 6,965,000 mN 6,960,000 mN 6,955,000 mN 6,950,000 mN 6,945,000 mN 6,940,000 mN

Legend

- PRC1: Rhyolite Creek: light grey, green, maroon, purple and black rhyolite and dacite
- PRC2: Rhyolite Creek: maroon to reddish purple, fine to very coarse grained andesite
- LKyP: Prospector Mountain Suite: syenite
- LKfC: Casino Suite: quartz-feldspar porphyry
- mKgW: Whitehorse Suite: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite
- mKqW: Whitehorse Suite: Bt quartz monzonite, Bt granite and leucogranite
- mKN: Mount Nansen Suite: massive aphyric or feldspar-phyric andesite to dacite flows
- uKC1: Carmacks Suite: augite-olivine basalt and breccia
- uKC2: Carmacks Suite: andesite, porphyry
- uKC4: Carmacks Suite: sandstone, pebble conglomerate, shale, tuff, and coal
- LTrEJgM: Minto Suite: foliated Bt-Hbl granodiorite; Bt-rich screens and gneissic schlieren
- LTrgS: Stikine Suite: coarse-grained, foliated, gabbroic Hbl orthogneiss
- PqS: Sulphur Creek Suite: variably foliated, K-feldspar augen granite, metaporphyry
- PK1: Klondike Schist Suite: quartz-muscovite-chlorite schist
- MgSR: Simpson Range Suite: Hbl-bearing metagranodiorite, metadiorite and metatonalite
- DMF1: Finlayson Suite: intermediate to mafic volcanic and volcaniclastic rocks
- DMF3: Finlayson Suite: dark grey to black carbonaceous metasedimentary rocks, metachert
- DMF6: Finlayson Suite: ultramafic rocks, serpentinite; metagabbro
- PDS1: Snowcap Suite: quartzite, psammite, pelite and marble; minor greenstone and amphibolite
- PDS2: Snowcap Suite: light grey to buff weathering marble
- Faults
- Contacts
- Property Boundaries
- 100' Contours
- Watercourse

N

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN

MASCOT
TOAD
NORDEX
IDAHO
mKgW
LKfC

N

Legend

- LKfC: Casino Suite: quartz-feldspar porphyry
- mKgW: Whitehorse Suite: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite
- Faults
- Contacts
- Property Boundaries
- Mineral Occurrences
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Property Geology

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	6	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE 622,000 mE 624,000 mE 626,000 mE 628,000 mE 630,000 mE

6,960,000 mN

6,958,000 mN

6,956,000 mN

56999.8
56970.2
56947.4
56929.3
56917.0
56906.2
56895.7
56885.5
56876.5
56867.8
56860.3
56853.2
56845.9
56839.1
56832.5
56826.3
56820.3
56814.2
56808.8
56803.4
56798.9
56794.0
56789.5
56785.1
56781.2
56777.0
56773.0
56768.6
56763.3
56757.8
56750.9
56743.0
56732.5
56720.6
56704.9
56683.3
56656.1
56635.5

TMI (nT)

N

Legend

- Property Boundaries
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

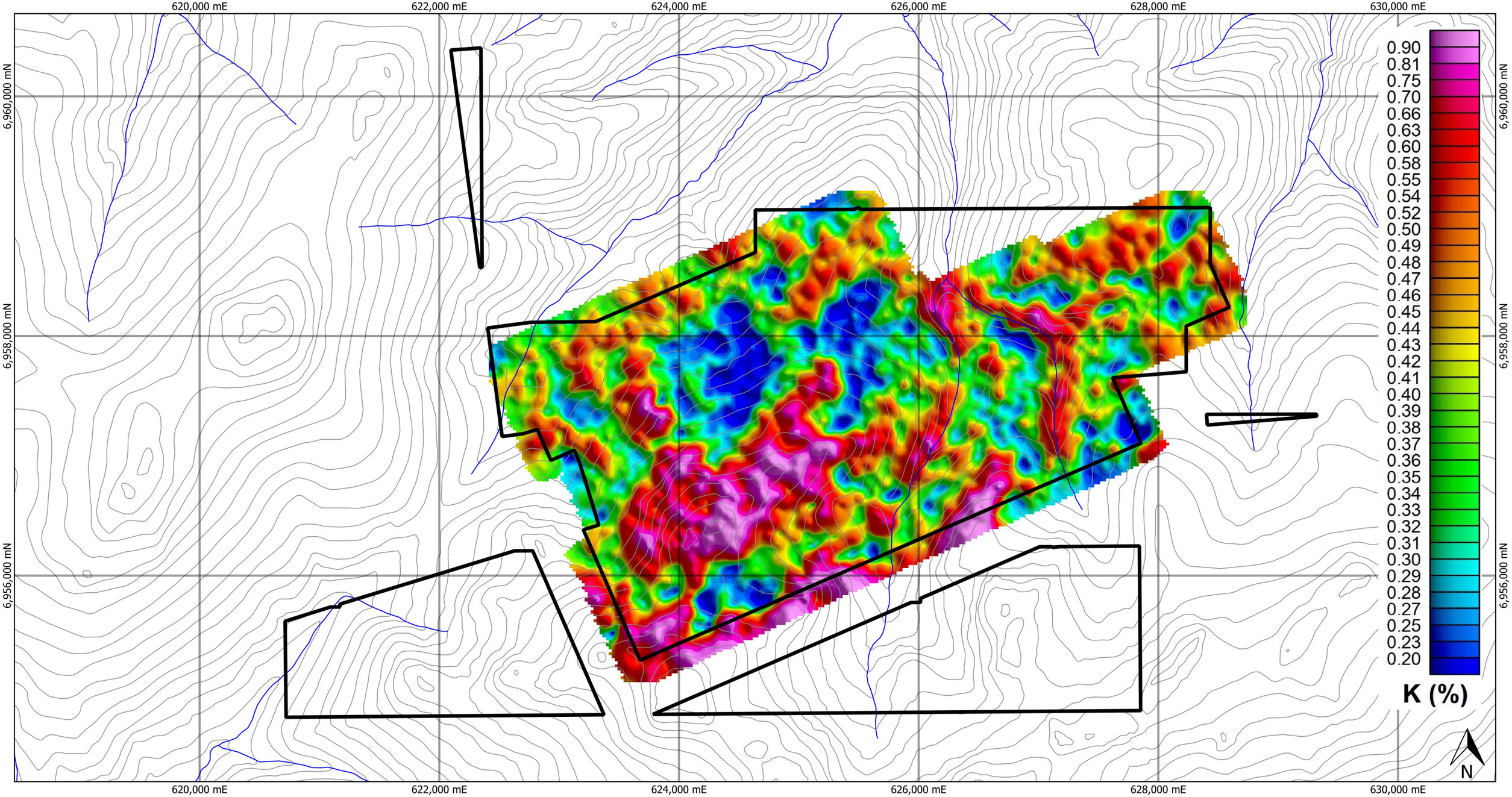
Total Magnetic Intensity

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	7	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN



Legend

- Property Boundaries
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

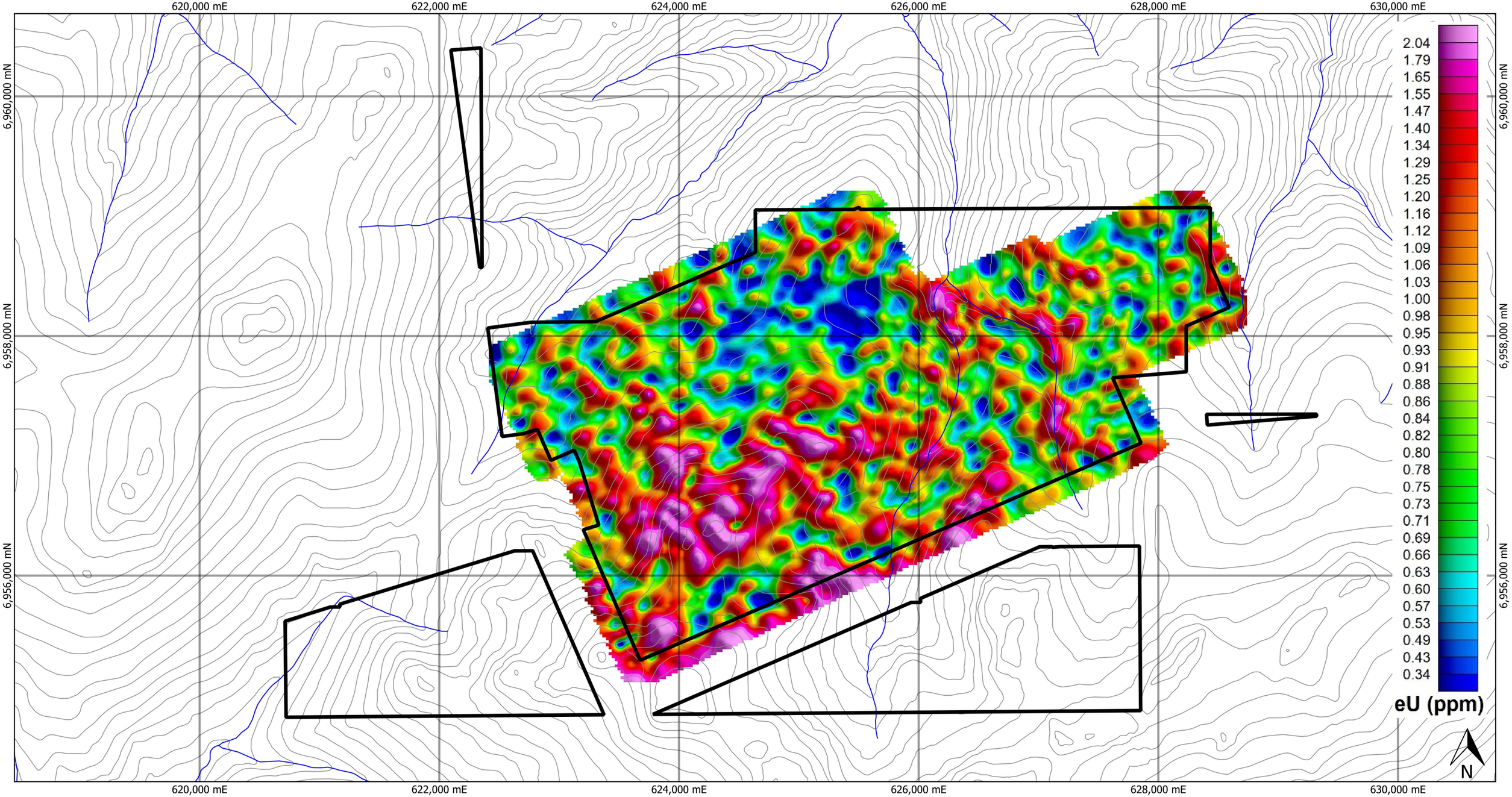
Potassium Radiometric Map

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	8	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN



Legend

- Property Boundaries
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Uranium Radiometric Map

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	9	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN

9.76
9.05
8.54
8.15
7.80
7.53
7.28
7.05
6.87
6.72
6.58
6.44
6.32
6.20
6.09
5.99
5.90
5.81
5.73
5.65
5.56
5.48
5.39
5.31
5.22
5.14
5.06
4.97
4.89
4.79
4.69
4.59
4.47
4.32
4.17
4.00
3.80
3.52

eTh (ppm)

N

Legend

- Property Boundaries
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Thorium Radiometric Map

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	10	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE | 622,000 mE | 624,000 mE | 626,000 mE | 628,000 mE | 630,000 mE

6,960,000 mN

6,958,000 mN

6,956,000 mN

8.1467
0.1636
0.0843
0.0570
0.0423
0.0332
0.0270
0.0223
0.0184
0.0149
0.0120
0.0094
0.0070
0.0049
0.0028
0.0010
-0.0008
-0.0025
-0.0041
-0.0057
-0.0072
-0.0086
-0.0101
-0.0115
-0.0130
-0.0146
-0.0161
-0.0177
-0.0196
-0.0216
-0.0240
-0.0267
-0.0298
-0.0338
-0.0384
-0.0442
-0.0523
-0.0654
-0.0900
-0.1537
-9.5475
nT/m

N

620,000 mE | 622,000 mE | 624,000 mE | 626,000 mE | 628,000 mE | 630,000 mE

Legend

- Property Boundaries
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

1st Vertical Derivative

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	11	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE | 622,000 mE | 624,000 mE | 626,000 mE | 628,000 mE | 630,000 mE

6,960,000 mN

6,958,000 mN

6,956,000 mN

N

Legend

- Soil Samples
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Soil Sample Locations

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	12	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE | 622,000 mE | 624,000 mE | 626,000 mE | 628,000 mE | 630,000 mE

6,960,000 mN

6,958,000 mN

6,956,000 mN

N

Legend

Soil Samples (Au - ppb)
- <= 5
- 5 - 10
- 10 - 20
- 20 - 50
- >50

2020 Soil Outline
100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Soil Sample Results - Gold

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	13	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Soil Samples (Ag - ppm)
- <= 0.5
- 0.5 - 1
- 1 - 2
- 2 - 3
- 3 - 122

2020 Soil Outline
100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Soil Sample Results - Silver

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	14	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Soil Samples (Cu - ppm)
- <= 30
- 30 - 50
- 50 - 75
- 75 - 100
- 100 - 145

2020 Soil Outline
100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Soil Sample Results - Copper

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	15	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Soil Samples (Mo - ppm)
- <= 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 132

2020 Soil Outline
100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

Soil Sample Results - Molybdenum

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	16	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Soil Samples (Pb - ppm)
- <= 50
- 50 - 100
- 100 - 200
- 200 - 500
- 500 - 6172

2020 Soil Outline
100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

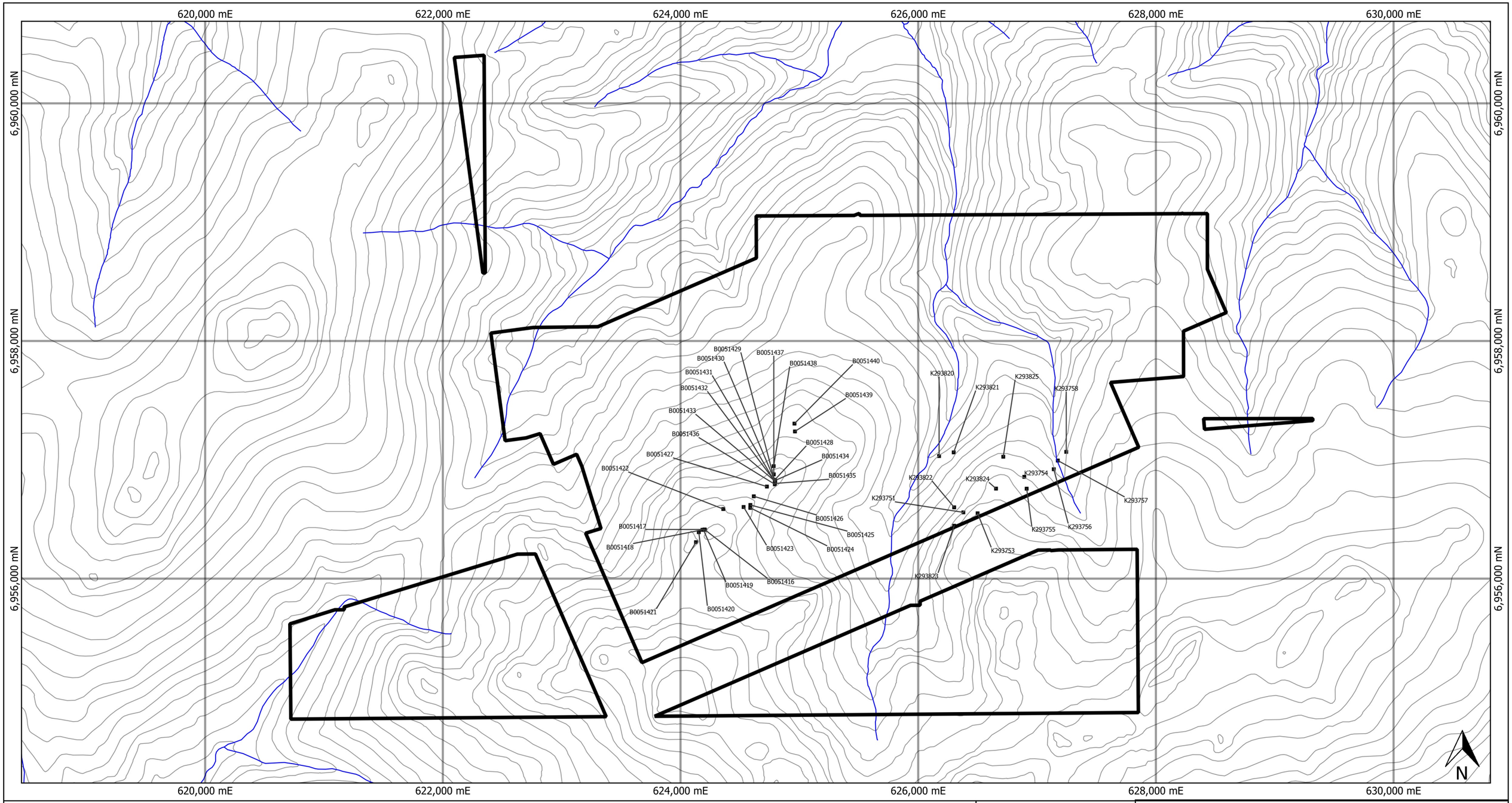
ATAC RESOURCES LTD.

Idaho Creek

Soil Sample Results - Lead

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	17	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz



Legend

- Rock Samples
- 100' Contours
- Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

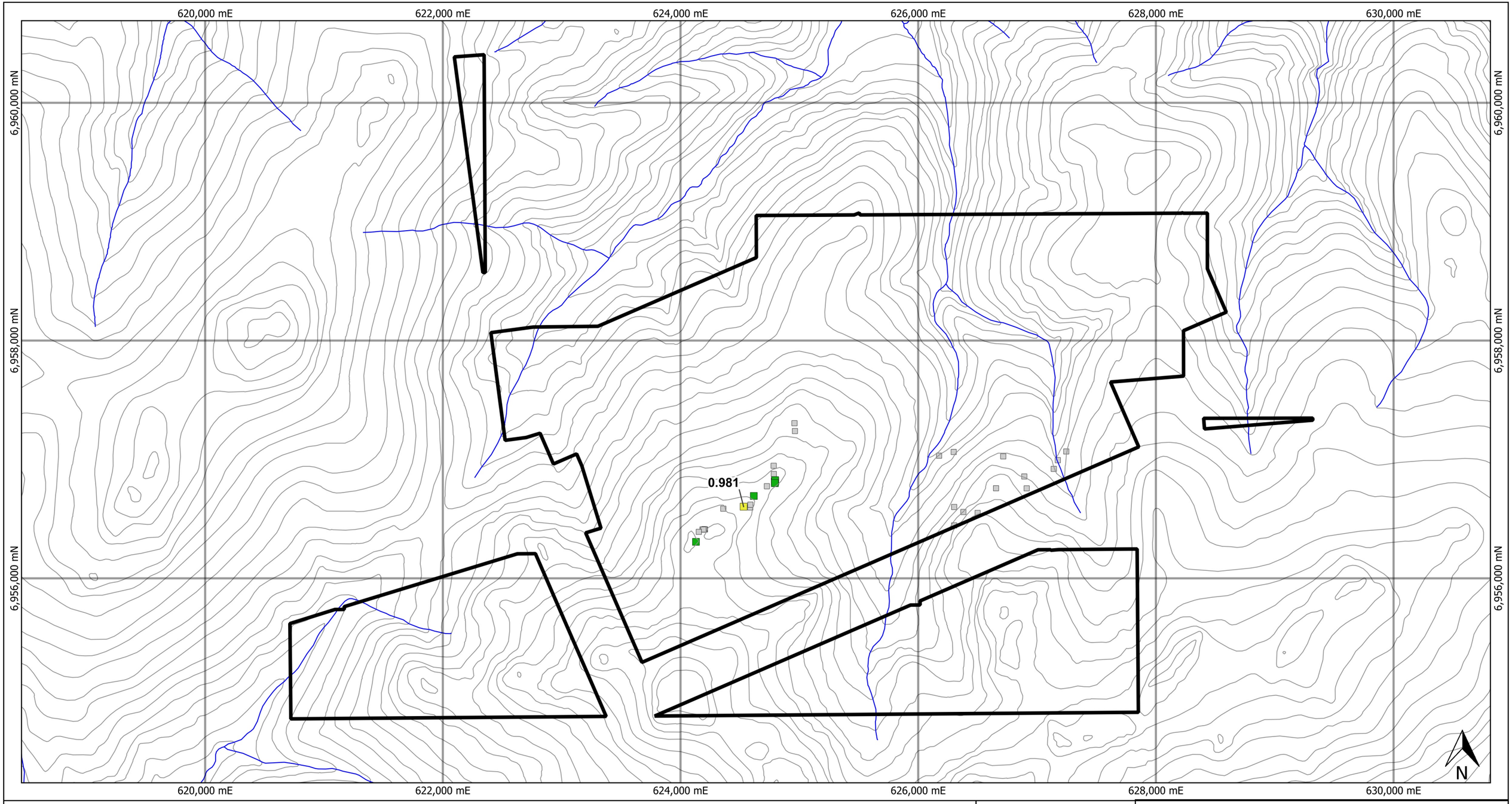
ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Locations

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	18	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz



Legend

Rock Samples (Au - g/t)

- <0.10
- 0.10 - 0.50
- 0.50 - 1.00
- 1.00 - 3.00
- >3.00

100' Contours

Watercourse

Labelled values are >0.5 g/t gold

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Gold

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	19	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Rock Samples (Ag - g/t)
- <10
- 10 - 50
- 50 - 100
- 100 - 500
- >500

100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Silver

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	20	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Rock Samples (Cu -%)
- <0.05
- 0.05 - 0.10
- 0.10 - 0.50
- 0.50 - 1.00
- >1.00

100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Copper

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	21	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE
6,960,000 mN
6,958,000 mN
6,956,000 mN
N

Legend

Rock Samples (Mo - g/t)
- <10
- 10 - 50
- 50 - 100
- 100 - 200
- >200

100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Molybdenum

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	22	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN

N

Legend

Rock Samples (Pb - %)
- <0.005
- 0.05 - 0.10
- 0.10 - 0.50
- 0.50 - 1.00
- >1.00

100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Lead

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	23	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

620,000 mE
622,000 mE
624,000 mE
626,000 mE
628,000 mE
630,000 mE

6,960,000 mN
6,958,000 mN
6,956,000 mN

N

Legend

Rock Samples (Zn -%)
- <0.05
- 0.05 - 0.10
- 0.10 - 0.50
- 0.50 - 1.00
- >1.00

100' Contours
Watercourse

0 0.5 1 1.5 2 2.5 km

Scale 1:30,000

ATAC RESOURCES LTD.

Idaho Creek

2020 Rock Sample Results - Zinc

Coordinate System	Date	Fig. #	Author	Rev
UTM NAD 83 Zone 7N	January 2021	24	AS	1

C:\Users\aschn\OneDrive\Desktop\QGIS Workspaces\Idaho Creek Project\Idaho Creek.qgz

APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Austin Schneebeli, geologist, with business address in Vancouver, British Columbia and residential address in Victoria, British Columbia, hereby certify that:

1. I graduated from the University of Victoria in 2020 with a B.Sc. in Earth Sciences.

2. From 2018 to present, I have been actively engaged in mineral exploration in Yukon Territory.

3. I am a Geoscientist-In-Training (G.I.T.) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 214745).

4. I have participated in the interpretation of data resulting from the fieldwork reported herein.

Austin Schneebeli, B.Sc., G.I.T.

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures
Idaho Creek Property

Expenses

Capital Helicopters, as attached	$ 17,683.00
ALS Minerals, as attached	$ 16,338.54
	$ 34,021.54

Elizabeth Smith
January 18, 2021

APPENDIX III

DIGITAL COPY OF SOIL SAMPLE DESCRIPTIONS

APPENDIX IV

SOIL SAMPLE 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: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

CERTIFICATE WH20174527

Project: Idaho Creek

This report is for 249 Soil samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2020.

The following have access to data associated with this certificate:

ANDREW CARNE	ADAM COULTER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	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: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13451		0.46	0.015	0.20	2.59	27.0	<0.02	<10	250	0.43	0.31	0.29	0.34	28.5	13.2	36
YY13452		0.53	0.011	0.20	2.06	16.9	<0.02	<10	250	0.48	0.21	0.37	0.34	37.5	11.3	34
YY13453		0.58	0.006	0.15	2.18	16.3	<0.02	<10	210	0.48	0.22	0.32	0.31	33.1	12.3	33
YY13454		0.66	0.009	0.27	2.41	22.4	<0.02	<10	190	0.44	0.29	0.27	0.29	29.1	12.6	36
YY13455		0.46	0.006	0.20	2.07	15.8	<0.02	<10	260	0.49	0.23	0.36	0.31	40.5	12.2	34
YY13456		0.32	0.008	0.30	1.81	50.5	<0.02	<10	340	0.57	0.19	0.72	0.44	56.0	16.5	23
YY13457		0.50	0.005	0.14	2.55	11.6	<0.02	<10	400	0.48	0.17	0.46	0.14	31.0	16.3	35
YY13458		0.47	0.044	0.98	1.87	89.7	<0.02	<10	210	0.42	0.44	0.28	1.33	32.3	19.0	28
YY13459		0.41	0.021	1.24	1.76	52.8	0.02	<10	160	0.27	0.54	0.22	1.13	26.9	7.8	26
YY13460		0.35	0.027	1.74	2.01	57.0	0.02	<10	190	0.44	0.53	0.25	1.50	32.1	13.6	30
YY13461		0.53	0.022	1.44	2.31	87.1	<0.02	<10	220	0.53	0.57	0.28	1.98	34.9	13.8	33
YY13462		0.28	0.026	2.04	2.11	34.7	0.02	<10	210	0.40	0.48	0.29	1.19	28.2	10.1	33
YY13463		0.59	0.022	0.24	2.51	46.3	<0.02	<10	180	0.78	0.29	0.17	1.44	47.1	19.3	20
YY13464		0.39	0.010	0.35	2.12	52.0	<0.02	<10	140	0.42	0.42	0.13	0.74	20.7	10.2	29
YY13465		0.39	0.010	0.74	1.96	34.8	<0.02	<10	170	0.36	0.39	0.27	0.87	26.0	14.8	27
YY13466		0.55	0.009	0.33	2.15	32.1	<0.02	<10	170	0.66	0.83	0.19	0.61	39.6	10.8	25
YY13467		0.36	0.007	0.45	1.71	36.4	<0.02	<10	290	0.54	0.31	0.88	0.88	44.1	14.1	31
YY13468		0.42	0.006	0.42	1.76	33.1	<0.02	<10	260	0.47	0.32	0.64	0.60	39.3	14.5	32
YY13469		0.41	0.006	0.28	2.39	23.5	<0.02	<10	270	0.47	0.35	0.55	0.30	24.8	11.8	36
YY13470		0.48	0.006	0.12	1.73	29.3	<0.02	<10	180	0.47	0.23	0.29	0.46	30.3	13.9	32
YY13471		0.61	0.006	0.12	1.94	28.2	<0.02	<10	210	0.56	0.25	0.38	0.39	34.8	14.1	34
YY13472		0.42	0.005	0.14	1.82	17.6	<0.02	<10	200	0.58	0.19	0.31	0.68	37.7	11.3	29
YY13473		0.70	0.006	0.17	2.15	20.6	<0.02	<10	260	0.58	0.28	0.36	0.33	38.7	14.8	37
YY13474		0.59	0.005	0.24	2.24	29.1	<0.02	<10	280	0.70	0.30	0.34	0.43	55.8	14.2	35
YY13475		0.45	0.007	0.42	2.00	46.6	<0.02	<10	240	0.42	0.52	0.35	0.77	33.6	14.6	30
YY13476		0.43	0.027	0.47	1.97	72.1	<0.02	<10	290	0.45	0.53	0.49	0.78	32.2	15.5	32
YY13477		0.48	0.008	0.58	2.06	38.2	<0.02	<10	220	0.49	0.47	0.30	0.62	35.2	12.0	31
YY13478		0.56	0.012	0.34	1.76	61.7	<0.02	<10	220	0.48	0.33	0.33	0.94	34.6	10.9	28
YY13479		0.48	0.012	0.82	1.85	50.4	<0.02	<10	220	0.51	0.32	0.43	0.54	28.5	16.6	28
YY13480		0.32	0.021	1.43	2.00	67.9	<0.02	<10	220	0.45	0.43	0.38	0.83	32.4	12.9	32
YY13481		0.48	0.033	1.08	1.86	81.8	<0.02	<10	280	0.53	0.32	0.33	1.63	47.0	12.6	23
YY13482		0.49	0.019	1.57	1.95	71.2	0.04	<10	260	0.46	0.36	0.26	2.46	35.2	10.7	31
YY13483		0.52	0.023	2.11	2.25	81.5	<0.02	<10	320	0.86	0.41	0.26	4.99	61.4	13.1	36
YY13484		0.53	0.216	0.49	1.56	149.0	0.06	<10	170	0.41	0.32	0.30	2.11	34.7	27.8	31
YY13485		0.34	0.018	1.75	1.99	67.8	0.02	<10	190	0.42	0.40	0.26	1.95	29.6	10.1	32
YY13486		0.57	0.022	2.01	2.16	70.9	0.02	<10	220	0.51	0.46	0.29	2.30	33.1	12.5	37
YY13487		0.42	0.019	1.98	2.14	129.5	0.02	<10	240	0.54	0.55	0.27	3.77	32.5	12.5	37
YY13488		0.38	0.028	2.00	2.02	86.0	0.17	<10	200	0.43	0.65	0.24	1.60	27.1	11.5	32
YY13489		0.37	0.031	2.12	2.03	82.5	0.02	<10	200	0.45	0.64	0.28	1.64	34.0	16.7	34
YY13490		0.51	0.032	1.78	2.13	105.5	0.02	<10	240	0.57	0.70	0.39	2.13	36.7	22.9	38

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13451		2.75	17.9	3.92	8.49	0.08	0.03	0.03	0.035	0.09	14.5	16.7	0.60	584	1.53	0.01
YY13452		2.11	21.1	3.10	6.47	0.09	0.03	0.05	0.030	0.10	20.0	13.9	0.63	517	0.89	0.01
YY13453		2.11	18.7	2.99	6.60	0.08	0.04	0.04	0.031	0.09	16.5	14.0	0.59	619	0.89	0.01
YY13454		2.77	16.7	3.45	7.72	0.07	0.03	0.05	0.034	0.09	15.3	14.5	0.60	480	1.18	0.01
YY13455		2.08	19.9	3.19	6.80	0.10	0.06	0.05	0.032	0.09	20.2	14.7	0.65	322	0.90	0.01
YY13456		2.82	19.0	3.92	6.32	0.11	0.04	0.09	0.040	0.13	31.8	14.1	0.70	1060	0.97	0.01
YY13457		2.44	23.1	3.93	8.56	0.10	0.07	0.04	0.034	0.19	16.4	18.8	1.01	505	0.52	0.01
YY13458		2.33	13.5	3.70	6.61	0.07	0.02	0.06	0.083	0.09	17.4	11.3	0.52	1380	4.92	0.01
YY13459		2.73	10.4	2.34	6.58	0.06	<0.02	0.11	0.077	0.07	15.3	10.5	0.43	578	3.33	0.01
YY13460		2.97	14.1	2.79	6.92	0.06	<0.02	0.10	0.092	0.08	17.8	12.5	0.47	765	3.47	0.01
YY13461		2.85	16.4	3.38	7.90	0.07	0.02	0.07	0.101	0.09	19.5	15.0	0.57	914	4.03	0.01
YY13462		2.98	13.4	2.33	6.87	0.06	<0.02	0.11	0.072	0.08	16.3	11.9	0.50	495	2.51	0.01
YY13463		4.29	13.5	3.88	8.27	0.07	0.08	0.04	0.078	0.21	17.6	16.2	0.71	2190	1.36	0.01
YY13464		2.52	15.3	3.44	8.11	<0.05	0.03	0.04	0.061	0.08	10.1	14.6	0.40	955	3.87	0.02
YY13465		3.36	11.7	2.68	6.91	<0.05	<0.02	0.06	0.061	0.10	13.5	12.1	0.52	839	2.59	0.02
YY13466		3.25	13.9	3.19	8.46	<0.05	0.05	0.04	0.052	0.11	15.9	15.8	0.50	957	2.32	0.02
YY13467		3.29	19.5	2.90	5.71	0.07	0.02	0.08	0.033	0.09	26.8	14.4	0.57	1260	1.56	0.03
YY13468		3.32	15.3	2.89	6.09	0.05	0.02	0.06	0.035	0.09	21.5	14.5	0.59	929	1.38	0.03
YY13469		2.14	19.5	3.13	6.76	<0.05	0.02	0.06	0.033	0.09	13.2	16.8	0.65	428	1.07	0.02
YY13470		2.14	19.7	2.96	5.61	0.06	0.06	0.03	0.027	0.11	14.4	13.6	0.57	719	1.09	0.02
YY13471		2.38	23.7	3.12	5.68	0.06	0.05	0.03	0.028	0.12	17.2	13.6	0.61	677	1.06	0.03
YY13472		1.68	22.9	2.60	5.69	0.05	0.02	0.04	0.024	0.07	18.7	10.6	0.44	777	1.07	0.02
YY13473		2.16	24.4	3.23	6.80	0.06	0.02	0.04	0.031	0.09	18.6	17.2	0.63	727	1.12	0.02
YY13474		2.87	25.4	3.23	7.02	0.06	0.02	0.04	0.032	0.08	32.6	15.7	0.55	745	1.27	0.02
YY13475		3.56	12.4	3.22	7.52	<0.05	0.02	0.07	0.056	0.10	18.1	13.4	0.62	977	1.65	0.02
YY13476		3.16	13.3	3.25	7.25	0.05	0.02	0.10	0.051	0.10	17.9	13.4	0.62	1060	2.38	0.02
YY13477		3.27	15.2	2.97	7.07	<0.05	0.02	0.09	0.052	0.08	19.7	13.8	0.57	638	1.95	0.02
YY13478		2.98	14.5	3.16	6.51	0.05	0.02	0.04	0.049	0.10	19.3	13.0	0.58	689	6.00	0.02
YY13479		3.33	14.4	3.15	6.88	0.05	0.02	0.08	0.070	0.08	14.7	12.0	0.54	1460	5.25	0.02
YY13480		3.76	12.2	3.02	6.88	<0.05	<0.02	0.11	0.096	0.07	18.1	12.6	0.52	814	3.46	0.02
YY13481		3.17	11.9	3.23	6.58	0.05	0.03	0.09	0.053	0.13	25.1	12.8	0.49	1850	2.60	0.02
YY13482		1.94	18.2	2.73	6.50	<0.05	<0.02	0.10	0.077	0.07	19.2	13.6	0.45	669	3.18	0.02
YY13483		2.20	33.5	2.74	6.85	0.05	<0.02	0.11	0.098	0.08	32.7	12.2	0.43	886	4.37	0.02
YY13484		1.50	15.7	3.86	5.91	0.05	0.03	0.04	0.069	0.07	16.3	10.1	0.49	3100	7.72	0.02
YY13485		2.08	14.5	2.54	6.38	<0.05	<0.02	0.10	0.101	0.07	15.7	12.5	0.48	433	3.02	0.02
YY13486		2.34	16.3	2.70	6.81	<0.05	0.02	0.13	0.117	0.09	17.6	14.1	0.55	566	3.51	0.02
YY13487		2.63	15.8	3.36	7.77	<0.05	<0.02	0.11	0.118	0.08	17.7	13.1	0.47	936	5.86	0.02
YY13488		3.21	13.6	2.90	7.21	<0.05	<0.02	0.13	0.105	0.08	14.8	12.3	0.44	738	6.05	0.02
YY13489		3.07	14.7	2.96	6.71	<0.05	<0.02	0.12	0.117	0.09	18.0	12.4	0.49	1140	5.56	0.02
YY13490		3.24	15.9	3.60	6.86	<0.05	0.02	0.08	0.134	0.11	18.3	13.2	0.56	1820	5.54	0.02

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Finalized Date: 23-SEP-2020
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CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13451		1.64	23.2	650	18.9	17.1	<0.001	0.02	1.65	4.8	0.5	0.7	25.1	<0.01	0.04	3.6
YY13452		1.45	20.1	690	13.9	17.2	<0.001	0.02	1.32	6.0	0.4	0.6	26.3	<0.01	0.03	4.7
YY13453		1.42	20.1	660	13.2	16.8	<0.001	0.01	1.30	4.9	0.2	0.6	23.9	<0.01	0.03	4.2
YY13454		1.65	19.2	680	18.6	19.7	<0.001	0.02	1.60	4.9	0.3	0.7	19.3	<0.01	0.03	4.3
YY13455		1.55	20.2	720	13.1	18.1	<0.001	0.01	1.32	7.9	0.3	0.7	26.1	<0.01	0.03	7.7
YY13456		1.40	13.3	810	13.6	27.4	<0.001	0.04	1.76	10.2	0.2	0.7	55.4	<0.01	0.02	6.4
YY13457		2.06	16.9	770	9.3	30.6	<0.001	0.02	0.83	8.6	0.3	0.8	28.3	<0.01	0.02	8.3
YY13458		1.28	15.4	800	60.6	18.4	<0.001	0.03	4.35	4.3	0.5	0.7	21.3	<0.01	0.03	3.9
YY13459		0.95	12.6	590	56.5	16.6	<0.001	0.03	3.05	3.1	0.3	0.7	17.6	<0.01	0.01	1.2
YY13460		1.07	15.1	600	61.8	19.2	<0.001	0.03	3.75	4.2	0.4	0.7	21.5	<0.01	0.03	2.3
YY13461		1.38	18.4	550	77.4	21.2	<0.001	0.02	5.07	5.1	0.4	0.8	23.8	<0.01	0.03	5.9
YY13462		0.87	15.4	620	45.4	17.7	<0.001	0.04	3.61	4.1	0.4	0.7	24.5	<0.01	0.01	1.3
YY13463		1.82	10.3	630	33.4	38.3	<0.001	0.01	2.92	7.6	0.2	1.3	9.7	<0.01	0.01	20.8
YY13464		1.76	13.8	370	42.5	24.0	<0.001	0.01	3.49	4.5	0.3	0.9	13.1	<0.01	0.05	4.5
YY13465		1.32	13.6	610	40.6	22.4	<0.001	0.02	2.79	5.7	0.3	0.8	20.5	<0.01	0.02	4.2
YY13466		1.62	11.9	370	33.1	23.5	<0.001	0.01	2.13	6.6	<0.2	1.1	14.5	<0.01	0.04	14.2
YY13467		1.16	19.6	850	29.6	22.2	<0.001	0.06	3.34	5.8	0.6	0.6	61.8	<0.01	0.04	2.3
YY13468		1.15	19.4	800	32.5	21.6	<0.001	0.04	2.82	6.0	0.3	0.6	45.2	<0.01	0.04	3.0
YY13469		1.23	22.7	730	19.9	14.1	<0.001	0.02	1.64	5.6	0.3	0.6	42.5	<0.01	0.04	3.6
YY13470		1.40	21.2	730	20.3	15.9	<0.001	<0.01	2.34	5.2	0.4	0.5	17.9	<0.01	0.04	6.0
YY13471		1.39	22.5	800	21.0	18.6	<0.001	0.01	2.28	6.0	0.4	0.5	24.0	<0.01	0.03	6.2
YY13472		1.28	17.4	680	17.1	14.0	<0.001	0.01	1.35	4.3	0.4	0.5	23.4	<0.01	0.03	2.6
YY13473		1.32	24.2	700	16.2	16.6	<0.001	0.01	1.56	7.0	0.2	0.6	28.2	<0.01	0.03	4.0
YY13474		1.14	23.1	670	24.3	17.5	<0.001	0.01	2.27	6.0	<0.2	0.6	26.6	<0.01	0.04	2.3
YY13475		1.34	17.4	710	49.0	21.4	<0.001	0.03	3.27	5.9	0.2	0.8	26.2	<0.01	0.03	4.4
YY13476		1.50	17.5	760	46.5	22.7	<0.001	0.03	3.68	6.3	0.4	0.9	34.4	<0.01	0.04	6.4
YY13477		1.44	17.0	580	42.5	19.3	<0.001	0.02	2.45	6.5	0.3	0.8	23.2	<0.01	0.02	5.7
YY13478		1.55	15.8	620	36.1	22.1	<0.001	0.02	9.29	5.6	<0.2	0.8	24.6	<0.01	0.03	5.7
YY13479		1.29	13.6	720	54.4	18.6	<0.001	0.02	3.24	5.4	0.4	0.8	29.3	<0.01	0.03	4.8
YY13480		1.25	15.9	710	70.8	18.8	<0.001	0.03	3.52	5.9	0.3	0.8	27.7	<0.01	0.03	3.2
YY13481		1.57	12.2	630	64.7	29.4	<0.001	0.03	6.04	5.8	0.3	0.8	25.0	<0.01	0.02	7.7
YY13482		1.06	18.3	730	73.2	15.5	<0.001	0.03	3.89	5.5	0.4	0.7	22.1	<0.01	0.03	2.8
YY13483		0.87	18.9	820	103.0	17.0	<0.001	0.05	5.52	6.3	0.8	0.8	23.9	<0.01	0.03	2.0
YY13484		1.32	17.2	830	114.5	13.3	<0.001	0.02	6.46	4.4	0.2	0.6	21.9	<0.01	0.04	6.8
YY13485		1.08	16.3	540	108.5	13.6	<0.001	0.02	5.37	4.8	0.5	0.7	19.3	<0.01	0.02	3.5
YY13486		1.23	19.7	590	112.5	17.7	<0.001	0.02	5.07	5.8	0.4	0.8	22.6	<0.01	0.03	5.8
YY13487		0.98	16.2	840	102.5	16.3	<0.001	0.04	5.04	4.2	0.4	0.8	22.4	<0.01	0.05	1.8
YY13488		0.94	14.3	760	77.9	21.7	<0.001	0.04	5.04	3.6	0.5	0.7	19.6	<0.01	0.03	1.4
YY13489		1.08	16.8	750	104.5	19.1	<0.001	0.03	5.93	5.4	0.6	0.7	23.2	<0.01	0.03	2.9
YY13490		1.26	22.1	690	109.0	21.9	<0.001	0.02	7.65	6.2	0.3	0.8	28.9	<0.01	0.04	6.3

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

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13451		0.107	0.24	1.36	88	0.54	6.15	87	1.2
YY13452		0.123	0.20	2.36	71	0.33	8.96	75	1.6
YY13453		0.117	0.20	1.83	67	0.33	7.43	76	1.4
YY13454		0.132	0.24	3.42	81	0.36	6.03	83	1.4
YY13455		0.137	0.24	8.15	76	0.28	10.45	79	2.3
YY13456		0.091	0.30	6.83	82	0.20	22.5	85	1.3
YY13457		0.220	0.31	1.77	108	0.42	8.47	76	2.8
YY13458		0.080	0.23	2.80	74	0.67	6.58	222	0.7
YY13459		0.051	0.26	2.66	49	0.26	4.26	197	<0.5
YY13460		0.055	0.26	4.25	57	0.26	5.99	232	<0.5
YY13461		0.071	0.28	4.20	72	0.30	6.97	262	0.8
YY13462		0.052	0.28	4.63	47	0.30	5.74	201	<0.5
YY13463		0.090	0.45	2.97	81	0.36	9.92	141	3.3
YY13464		0.078	0.25	1.14	81	0.32	3.16	118	1.2
YY13465		0.073	0.30	2.56	61	0.33	5.85	152	0.5
YY13466		0.059	0.30	2.44	72	0.42	6.97	106	2.2
YY13467		0.071	0.32	4.02	65	0.50	17.05	110	0.8
YY13468		0.074	0.30	2.95	64	1.41	12.30	115	0.8
YY13469		0.099	0.22	2.23	71	0.32	6.27	79	1.0
YY13470		0.116	0.24	1.33	67	0.53	6.60	80	2.8
YY13471		0.130	0.27	1.68	72	0.46	7.86	79	2.6
YY13472		0.103	0.17	1.82	61	0.32	7.38	61	1.0
YY13473		0.112	0.23	2.35	74	0.95	10.00	82	1.0
YY13474		0.086	0.22	3.95	73	0.50	18.30	89	0.5
YY13475		0.081	0.32	3.48	77	0.27	7.19	157	0.8
YY13476		0.091	0.31	3.11	74	0.36	8.28	155	1.0
YY13477		0.074	0.32	4.20	62	0.36	7.48	140	0.8
YY13478		0.098	0.25	2.46	68	0.42	7.94	157	1.1
YY13479		0.080	0.31	2.31	73	0.31	6.42	120	0.8
YY13480		0.060	0.38	2.85	72	0.27	8.09	176	0.5
YY13481		0.068	0.36	3.16	65	0.31	9.15	212	1.0
YY13482		0.058	0.21	5.29	54	0.92	9.00	265	0.6
YY13483		0.051	0.25	8.86	55	0.39	14.80	303	<0.5
YY13484		0.096	0.19	1.82	81	4.01	6.98	232	1.3
YY13485		0.064	0.26	2.84	58	0.31	6.09	291	0.5
YY13486		0.073	0.27	3.32	56	0.33	7.31	364	0.8
YY13487		0.054	0.31	3.36	86	0.38	6.68	281	<0.5
YY13488		0.050	0.29	2.87	67	0.45	4.85	245	<0.5
YY13489		0.062	0.36	3.77	69	0.41	6.69	267	0.5
YY13490		0.070	0.35	3.71	73	0.35	7.72	322	0.8

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13491		0.49	0.020	1.45	1.90	50.3	<0.02	<10	170	0.39	0.53	0.30	1.18	25.2	12.4	31
YY13492		0.49	0.011	0.46	1.84	68.2	<0.02	<10	190	0.39	0.44	0.31	0.96	28.2	17.1	30
YY13493		0.43	0.024	1.39	1.84	55.6	<0.02	<10	190	0.44	0.39	0.41	0.90	34.7	14.6	30
YY13494		0.40	0.007	0.26	2.04	14.4	<0.02	<10	450	0.47	0.21	0.61	0.52	42.4	11.2	27
YY13495		0.38	0.003	0.14	1.83	14.1	<0.02	<10	430	0.41	0.19	0.68	1.01	28.1	12.4	27
YY13496		0.41	0.005	0.18	2.34	13.1	<0.02	<10	590	0.62	0.17	0.72	0.42	47.7	13.6	29
YY13497		0.47	0.005	0.23	2.30	17.3	<0.02	<10	490	0.66	0.20	0.58	0.33	38.6	14.0	30
YY13498		0.48	0.007	0.27	1.94	9.5	<0.02	<10	240	0.71	0.53	0.43	0.29	50.7	10.5	44
YY13499		0.54	0.007	0.16	1.80	22.8	<0.02	<10	170	0.59	0.33	0.38	0.15	43.8	11.7	55
YY13500		0.42	0.008	0.12	1.92	24.1	<0.02	<10	300	0.65	0.30	0.56	0.17	44.5	16.1	39
YY17901		0.51	0.006	0.11	1.80	10.5	<0.02	<10	320	0.45	0.16	0.56	0.20	33.4	13.7	29
YY17902		0.36	0.005	0.13	2.09	13.3	<0.02	<10	310	0.52	0.16	0.52	0.28	42.0	12.5	30
YY17903		0.25	0.006	0.25	2.25	32.3	<0.02	<10	350	0.63	0.23	0.92	0.51	46.7	15.0	32
YY17904		0.57	0.007	0.09	2.10	8.2	<0.02	<10	310	0.58	0.14	0.40	0.24	59.9	14.4	29
YY17905		0.43	0.005	0.23	1.64	9.1	<0.02	<10	310	0.67	0.45	0.82	0.70	78.7	10.1	19
YY17906		0.54	0.008	0.12	1.88	42.6	0.02	<10	190	0.52	0.25	0.36	0.13	33.9	11.2	23
YY17907		0.40	0.006	0.17	1.97	68.1	<0.02	<10	260	0.54	0.29	0.42	0.27	32.6	8.2	28
YY17908		0.45	0.007	0.17	1.97	39.2	<0.02	<10	260	0.51	0.20	0.58	0.21	41.7	11.8	31
YY17909		0.50	0.006	0.06	1.87	9.9	<0.02	<10	260	0.38	0.13	0.43	0.15	27.4	11.1	27
YY17910		0.53	0.003	0.07	1.95	13.2	<0.02	<10	250	0.34	0.13	0.37	0.15	23.9	10.6	29
YY17911		0.46	0.004	0.11	1.83	17.3	<0.02	<10	210	0.35	0.21	0.30	0.24	22.8	8.0	29
YY17912		0.50	0.007	0.14	1.59	25.3	<0.02	<10	290	0.35	0.19	0.40	0.20	28.7	8.3	27
YY17913		0.27	0.009	1.99	2.05	16.8	<0.02	<10	420	0.54	0.18	1.11	0.94	49.4	7.0	30
YY17914		0.33	0.005	0.33	1.99	29.7	<0.02	<10	450	0.56	0.22	0.71	0.78	67.9	14.1	30
YY17915		0.50	0.004	0.15	1.77	63.3	<0.02	<10	240	0.44	0.34	0.40	0.22	34.4	8.6	30
YY17916		0.47	0.011	0.17	1.86	58.5	<0.02	<10	320	0.51	0.45	0.59	0.22	46.5	11.0	32
YY17917		0.50	0.007	0.28	2.15	52.7	<0.02	<10	340	0.61	0.46	0.58	0.25	55.1	23.9	33
YY17918		0.56	0.005	0.23	1.89	24.2	<0.02	<10	370	0.57	0.45	0.70	0.34	34.4	12.6	30
YY17919		0.44	0.006	0.08	2.07	11.6	<0.02	<10	120	0.50	0.28	0.26	0.22	46.6	9.9	31
YY17920		0.49	0.022	3.95	2.42	67.6	<0.02	<10	400	0.68	0.20	0.67	1.32	35.6	9.0	35
YY17921		0.53	0.033	3.50	2.18	112.0	0.02	<10	350	0.62	0.32	0.52	2.09	35.6	10.4	35
YY17922		0.47	0.106	7.14	2.51	435	0.07	<10	380	0.71	0.28	0.59	4.92	34.0	10.9	37
YY17923		0.41	0.013	1.03	1.44	57.6	<0.02	<10	190	0.26	0.23	0.24	2.87	26.2	6.6	25
YY17924		0.40	0.007	1.07	2.67	27.7	<0.02	<10	240	0.43	0.20	0.18	2.90	18.10	11.4	32
YY17925		0.45	0.006	0.76	1.94	45.7	<0.02	<10	170	0.32	0.22	0.33	1.05	21.6	6.4	30
YY17926		0.52	0.018	1.70	1.94	52.6	<0.02	<10	350	0.68	0.16	0.65	1.01	38.9	12.0	33
YY17927		0.48	0.025	1.15	1.79	219	0.02	<10	170	0.48	0.18	0.30	1.46	29.9	9.2	30
YY17928		0.45	0.006	0.23	1.59	20.6	<0.02	<10	140	0.25	0.20	0.22	2.27	15.10	7.2	28
YY17929		0.58	0.054	2.40	1.91	271	0.03	<10	160	0.69	0.19	0.23	2.25	34.9	10.0	31
YY17930		0.49	0.010	0.31	1.90	203	<0.02	<10	140	0.67	0.19	0.11	0.44	48.4	11.5	26

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Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13491		3.40	11.4	2.79	7.07	<0.05	<0.02	0.08	0.083	0.09	13.1	13.8	0.52	1780	3.85	0.02
YY13492		3.30	11.8	3.46	7.09	<0.05	<0.02	0.03	0.069	0.09	15.0	11.8	0.57	1310	4.43	0.02
YY13493		3.36	12.0	2.70	6.30	<0.05	<0.02	0.10	0.113	0.07	17.7	11.4	0.48	663	2.80	0.02
YY13494		3.05	18.3	3.15	7.15	0.06	0.02	0.08	0.027	0.09	24.1	14.3	0.53	587	1.52	0.03
YY13495		3.00	18.1	3.03	6.46	<0.05	0.02	0.04	0.027	0.09	15.7	12.7	0.57	823	1.85	0.02
YY13496		4.34	23.0	3.33	7.12	0.06	0.02	0.07	0.035	0.09	26.3	14.3	0.61	898	1.82	0.03
YY13497		4.73	19.8	3.44	6.85	0.06	0.02	0.08	0.034	0.07	23.6	18.0	0.66	859	1.81	0.02
YY13498		4.72	21.8	2.08	6.37	0.07	0.02	0.11	0.036	0.09	29.9	14.5	0.61	322	1.46	0.02
YY13499		3.78	23.2	2.79	5.97	0.07	0.03	0.07	0.032	0.10	24.3	14.1	0.70	367	1.37	0.02
YY13500		6.30	20.5	3.62	6.76	0.07	0.02	0.08	0.035	0.10	25.4	13.8	0.66	1000	1.86	0.02
YY17901		2.33	19.5	3.11	6.34	0.05	0.03	0.07	0.033	0.07	17.1	13.1	0.63	1160	2.26	0.02
YY17902		2.96	21.6	3.23	7.17	0.07	0.03	0.11	0.036	0.10	23.3	15.3	0.70	532	2.42	0.02
YY17903		2.94	28.5	3.48	7.22	0.07	0.03	0.15	0.038	0.09	27.8	15.9	0.72	1060	5.68	0.03
YY17904		4.31	22.7	3.78	7.46	0.09	0.04	0.06	0.037	0.11	30.2	18.8	0.76	1120	1.41	0.02
YY17905		4.99	20.4	3.15	5.62	0.10	0.03	0.06	0.034	0.10	53.2	9.4	0.44	1030	3.07	0.02
YY17906		5.87	14.5	3.94	6.57	0.05	0.02	0.06	0.037	0.13	19.4	13.4	0.58	537	2.65	0.02
YY17907		5.18	16.5	3.41	7.89	0.06	0.02	0.07	0.037	0.06	21.1	15.3	0.48	511	2.41	0.02
YY17908		3.34	19.2	3.17	6.81	0.08	0.05	0.05	0.033	0.13	26.4	15.3	0.65	532	1.84	0.02
YY17909		2.11	14.1	2.92	6.74	0.05	0.02	0.02	0.026	0.07	13.4	13.7	0.57	651	1.24	0.02
YY17910		1.68	14.3	2.96	7.11	0.05	0.02	0.03	0.023	0.08	12.3	12.4	0.56	634	1.11	0.02
YY17911		2.41	16.2	2.94	7.30	0.05	<0.02	0.03	0.024	0.08	11.9	11.3	0.55	556	1.90	0.02
YY17912		3.03	15.6	2.88	6.13	0.05	0.02	0.03	0.023	0.09	15.9	9.4	0.49	699	5.68	0.02
YY17913		3.10	24.4	2.21	6.32	0.08	0.04	0.12	0.025	0.07	41.6	9.2	0.42	635	2.47	0.02
YY17914		3.51	18.3	2.82	6.83	0.06	0.02	0.08	0.030	0.11	34.1	11.5	0.53	2720	2.13	0.02
YY17915		3.92	17.0	3.00	7.52	0.05	0.02	0.03	0.030	0.09	19.6	12.7	0.55	535	1.44	0.02
YY17916		3.95	19.3	3.18	7.03	0.07	0.03	0.06	0.030	0.09	31.5	14.4	0.58	820	2.46	0.02
YY17917		6.21	18.5	4.34	6.92	0.06	0.02	0.11	0.041	0.11	30.2	13.4	0.60	2490	2.92	0.02
YY17918		6.51	18.4	3.46	6.85	0.05	0.03	0.06	0.033	0.11	18.5	16.4	0.66	795	2.37	0.02
YY17919		2.48	23.3	3.46	7.01	0.06	0.04	0.05	0.030	0.07	21.1	17.2	0.60	476	1.46	0.02
YY17920		4.08	27.8	3.00	6.93	0.07	0.03	0.12	0.030	0.09	25.6	11.7	0.54	821	4.32	0.02
YY17921		4.46	24.3	3.16	6.40	0.06	0.04	0.14	0.031	0.09	22.5	11.8	0.55	1340	4.76	0.02
YY17922		6.27	24.7	3.67	7.11	0.06	0.05	0.10	0.070	0.12	23.0	12.0	0.60	1160	1.93	0.02
YY17923		2.53	20.1	2.44	7.51	<0.05	0.02	0.02	0.024	0.08	16.9	7.4	0.35	509	3.68	0.02
YY17924		2.22	14.8	2.99	8.18	<0.05	0.03	0.04	0.034	0.05	9.5	14.9	0.39	584	2.00	0.02
YY17925		2.20	12.3	3.26	8.49	<0.05	0.03	0.04	0.027	0.08	12.0	16.5	0.51	353	1.99	0.02
YY17926		3.48	21.1	2.92	6.04	0.05	0.08	0.10	0.030	0.08	21.2	10.7	0.62	1590	1.02	0.03
YY17927		3.89	17.3	3.14	5.82	<0.05	0.06	0.06	0.027	0.08	15.0	11.3	0.52	735	1.44	0.01
YY17928		1.34	13.1	3.57	9.00	<0.05	0.04	0.04	0.024	0.06	7.5	10.9	0.37	325	1.94	<0.01
YY17929		3.64	18.0	3.67	6.34	<0.05	0.03	0.08	0.033	0.07	19.0	12.1	0.44	1460	2.31	<0.01
YY17930		3.68	15.2	3.60	5.78	<0.05	0.02	0.04	0.031	0.12	25.6	9.4	0.33	1460	1.51	<0.01

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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13491		1.02	15.3	560	57.5	22.2	<0.001	0.02	4.61	4.3	0.3	0.8	24.0	<0.01	0.02	3.1
YY13492		1.34	16.2	770	52.9	19.7	<0.001	0.02	4.25	5.1	0.3	0.8	22.1	<0.01	0.04	3.7
YY13493		1.12	15.2	610	67.9	17.5	<0.001	0.03	3.74	5.7	0.2	0.7	28.3	<0.01	0.01	2.8
YY13494		1.64	17.1	920	19.8	24.6	<0.001	0.07	1.42	5.7	0.3	0.7	46.6	<0.01	0.04	1.8
YY13495		1.37	16.7	870	25.9	26.0	<0.001	0.06	1.58	5.6	0.2	0.6	50.2	<0.01	0.03	1.8
YY13496		1.22	18.3	1150	12.7	24.6	<0.001	0.08	1.72	6.7	0.3	0.6	49.9	<0.01	0.02	1.6
YY13497		0.98	18.4	970	12.6	17.5	<0.001	0.05	1.98	6.3	0.2	0.6	41.4	<0.01	0.02	1.9
YY13498		1.12	23.9	690	26.4	20.6	<0.001	0.04	3.39	7.0	0.2	0.7	28.1	<0.01	0.02	5.5
YY13499		1.00	27.0	790	15.3	18.5	0.001	0.03	2.60	6.5	0.3	0.6	21.7	<0.01	0.03	5.6
YY13500		0.91	23.6	1000	13.4	22.1	0.001	0.06	1.78	7.0	0.4	0.7	28.2	<0.01	0.04	2.8
YY17901		1.32	16.7	940	10.6	13.5	0.001	0.07	0.80	5.3	0.4	0.6	36.7	<0.01	0.02	2.2
YY17902		1.61	18.4	880	10.4	19.3	0.001	0.06	0.97	7.5	0.2	0.7	32.8	<0.01	0.02	3.6
YY17903		1.36	22.7	1000	16.0	17.3	0.001	0.11	1.46	7.8	0.6	0.7	88.7	<0.01	0.02	2.6
YY17904		1.51	20.6	800	9.6	17.3	0.001	0.02	0.56	10.0	0.3	0.8	24.6	<0.01	0.02	8.0
YY17905		1.08	11.6	980	18.6	19.1	0.001	0.10	0.84	5.1	0.4	0.6	55.6	<0.01	0.03	2.9
YY17906		1.22	12.4	500	19.8	24.1	<0.001	0.03	1.24	5.7	0.2	0.7	23.5	<0.01	0.03	5.3
YY17907		1.29	14.8	640	26.9	16.3	0.001	0.04	1.00	4.4	0.4	0.8	33.2	<0.01	0.04	2.5
YY17908		1.53	19.2	870	20.6	22.5	0.001	0.03	1.40	7.6	0.2	0.7	33.9	<0.01	0.02	7.8
YY17909		1.22	15.3	770	9.8	14.8	0.001	0.03	0.79	3.6	<0.2	0.7	33.0	<0.01	0.02	2.2
YY17910		1.23	15.7	880	9.5	14.6	<0.001	0.04	1.00	3.1	0.2	0.6	26.5	<0.01	0.02	1.7
YY17911		1.22	15.1	690	14.8	17.5	0.001	0.04	1.61	3.0	<0.2	0.8	23.8	<0.01	0.03	1.3
YY17912		1.43	12.7	460	13.6	20.3	<0.001	0.03	1.99	3.7	<0.2	0.7	30.6	<0.01	0.03	4.3
YY17913		1.29	17.0	1070	22.0	15.3	0.001	0.14	1.47	4.6	0.4	0.6	80.3	<0.01	0.03	1.5
YY17914		1.01	16.9	1120	18.9	20.7	<0.001	0.09	1.15	4.6	0.6	0.6	50.7	<0.01	0.03	2.4
YY17915		1.35	17.7	590	18.3	20.7	<0.001	0.03	1.34	4.1	<0.2	0.8	30.0	<0.01	0.05	3.9
YY17916		1.61	20.5	820	16.2	19.3	0.001	0.06	1.21	5.1	0.4	0.9	37.7	<0.01	0.04	4.6
YY17917		1.30	19.4	870	25.8	21.4	<0.001	0.06	1.57	5.8	0.4	0.7	36.1	<0.01	0.03	6.9
YY17918		1.30	18.2	830	30.2	22.9	0.001	0.04	1.27	6.0	0.2	0.8	43.3	<0.01	0.03	4.7
YY17919		1.85	22.2	880	11.2	11.6	<0.001	0.04	0.65	4.4	0.3	0.7	17.5	<0.01	0.04	4.8
YY17920		1.07	18.9	990	89.3	17.5	0.001	0.05	3.03	6.2	0.5	0.7	47.2	<0.01	0.03	2.9
YY17921		1.04	18.9	830	138.5	18.5	0.001	0.04	4.04	6.4	0.3	0.7	39.8	<0.01	0.03	4.0
YY17922		1.10	21.4	810	557	22.1	0.001	0.04	12.50	7.6	0.3	1.4	40.7	<0.01	0.03	4.8
YY17923		1.48	13.3	390	72.4	26.5	0.001	0.02	2.17	3.1	<0.2	0.9	21.9	<0.01	0.03	1.7
YY17924		1.69	19.5	350	41.1	12.0	0.001	0.02	1.00	3.5	0.2	0.8	15.5	<0.01	0.04	2.2
YY17925		1.87	15.9	410	67.7	16.5	<0.001	0.02	1.59	3.5	<0.2	0.8	23.2	<0.01	0.04	2.9
YY17926		1.21	21.9	910	117.5	17.0	<0.001	0.04	5.37	5.8	0.2	0.7	39.8	<0.01	0.02	6.8
YY17927		1.46	18.6	470	117.5	15.7	<0.001	0.02	7.70	3.9	0.3	0.9	24.3	<0.01	0.03	7.0
YY17928		1.93	15.2	290	19.4	13.4	<0.001	0.02	0.89	2.9	<0.2	0.8	21.8	<0.01	0.04	2.0
YY17929		1.23	15.1	370	306	15.3	<0.001	0.03	5.85	4.1	0.3	1.0	19.3	<0.01	0.02	8.1
YY17930		1.06	14.0	400	50.4	18.3	<0.001	0.02	3.76	3.4	0.2	0.6	10.6	<0.01	0.03	11.7

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13491		0.064	0.27	2.21	56	0.44	4.30	227	<0.5
YY13492		0.086	0.32	2.04	79	0.37	6.53	190	0.7
YY13493		0.057	0.35	2.59	62	0.38	7.65	191	0.5
YY13494		0.093	0.27	3.00	78	0.56	16.30	90	0.9
YY13495		0.081	0.26	1.82	73	0.57	9.42	103	0.9
YY13496		0.056	0.35	3.52	74	0.41	17.90	94	0.8
YY13497		0.052	0.36	3.61	76	0.56	18.20	99	0.5
YY13498		0.077	0.36	2.58	62	0.78	12.60	91	0.9
YY13499		0.104	0.29	2.29	65	1.01	8.54	72	1.1
YY13500		0.064	0.34	2.62	74	0.62	11.30	82	0.6
YY17901		0.088	0.20	2.33	74	0.30	8.75	64	1.2
YY17902		0.097	0.23	3.70	78	0.24	12.70	71	1.3
YY17903		0.072	0.23	9.36	73	0.22	18.65	86	1.3
YY17904		0.107	0.24	6.83	82	0.39	19.55	72	1.4
YY17905		0.046	0.23	6.27	62	0.62	23.3	69	1.0
YY17906		0.063	0.25	2.35	76	0.40	6.05	78	0.9
YY17907		0.055	0.23	3.35	71	0.43	11.00	68	0.6
YY17908		0.109	0.21	4.12	75	0.42	13.50	78	2.4
YY17909		0.093	0.16	1.70	73	0.29	5.61	76	0.7
YY17910		0.100	0.14	1.30	74	0.29	4.57	68	0.7
YY17911		0.091	0.17	1.77	74	0.45	5.00	78	0.6
YY17912		0.095	0.19	1.80	68	1.84	5.66	77	1.1
YY17913		0.052	0.23	5.90	45	0.27	22.5	86	1.4
YY17914		0.064	0.27	5.83	61	0.35	15.25	74	0.8
YY17915		0.090	0.18	2.36	71	0.31	6.25	74	0.9
YY17916		0.077	0.20	6.51	68	0.33	12.15	78	1.2
YY17917		0.069	0.29	5.52	80	0.39	11.15	76	1.0
YY17918		0.073	0.25	3.92	71	0.49	8.07	112	1.2
YY17919		0.099	0.21	4.11	75	0.44	8.32	72	1.7
YY17920		0.055	0.20	5.14	61	0.32	16.95	224	1.2
YY17921		0.059	0.25	5.99	64	0.24	15.40	349	1.4
YY17922		0.049	0.31	3.59	70	0.30	13.05	707	1.9
YY17923		0.088	0.14	1.85	73	0.19	5.39	131	0.8
YY17924		0.074	0.17	0.75	71	0.18	3.14	183	1.3
YY17925		0.087	0.15	1.27	80	0.21	4.31	117	1.4
YY17926		0.062	0.28	4.77	62	0.19	11.70	175	3.1
YY17927		0.077	0.18	1.97	64	0.32	6.43	202	2.7
YY17928		0.117	0.10	0.46	97	0.24	2.41	88	2.0
YY17929		0.044	0.28	3.82	65	0.24	6.82	400	1.4
YY17930		0.037	0.29	2.23	55	0.23	5.83	104	0.8

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Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY17931		0.48	0.005	0.22	1.25	17.8	<0.02	<10	100	0.34	0.24	0.18	0.61	21.5	4.9	21
YY17932		0.58	0.083	7.79	2.00	278	0.06	<10	150	0.67	0.19	0.38	4.03	37.0	11.4	29
YY17933		0.54	0.054	1.95	1.72	128.0	0.03	<10	150	0.46	0.20	0.32	4.18	27.1	9.3	30
YY17934		0.39	0.130	5.83	2.00	384	0.08	<10	210	0.75	0.23	0.43	13.50	58.9	16.9	33
YY17935		0.50	0.096	4.21	1.90	315	0.05	<10	170	0.42	0.28	0.35	5.14	31.6	8.7	32
YY17936		0.55	0.098	3.71	1.79	260	0.06	<10	190	0.64	0.30	0.31	9.13	51.8	10.9	32
YY17937		0.55	0.030	2.26	1.89	296	0.02	<10	230	0.76	0.24	0.34	3.94	48.2	7.6	33
YY17938		0.52	0.013	0.69	2.45	61.1	<0.02	<10	260	0.54	0.17	0.35	0.87	28.2	10.3	38
YY17939		0.42	0.042	4.36	1.84	146.5	0.03	<10	190	0.52	0.21	0.42	1.06	37.8	10.3	29
YY17940		0.34	0.017	1.24	1.87	31.7	<0.02	<10	180	0.39	0.22	0.42	0.41	25.2	8.1	32
YY17941		0.46	0.011	0.67	1.98	30.8	<0.02	<10	130	0.44	0.19	0.27	1.20	19.75	9.5	29
YY17942		0.51	0.057	1.14	1.90	57.0	0.04	<10	330	0.74	0.38	0.53	1.22	50.5	12.2	28
YY17943		0.51	0.014	0.76	1.63	38.9	<0.02	<10	190	0.39	0.22	0.44	0.41	25.7	11.9	27
YY17944		0.40	0.011	0.29	1.59	28.4	<0.02	<10	140	0.33	0.20	0.21	0.70	21.4	9.8	26
YY07880		0.56	0.015	1.66	2.32	97.7	<0.02	<10	490	0.90	0.25	0.80	1.46	51.6	9.9	30
YY07881		0.46	0.004	0.23	1.23	47.0	<0.02	<10	170	0.23	0.22	0.32	2.23	22.7	9.2	23
YY07882		0.58	0.008	0.70	2.31	54.7	<0.02	<10	340	0.54	0.27	0.59	0.43	31.9	12.2	34
YY07883		0.57	0.012	1.34	2.26	46.3	<0.02	<10	330	0.46	0.26	0.67	0.42	26.4	9.0	34
YY07884		0.61	0.007	0.64	1.92	26.6	<0.02	<10	300	0.56	0.22	0.67	0.44	38.7	9.7	30
YY07885		0.44	0.010	0.89	2.50	48.3	<0.02	<10	380	0.73	0.25	0.45	0.40	46.4	14.1	34
YY13051		0.54	0.013	0.45	1.81	21.8	<0.02	<10	180	0.37	0.23	0.40	0.56	25.0	9.5	31
YY13052		0.50	0.025	0.68	1.82	26.8	<0.02	<10	240	0.43	0.21	0.33	1.05	39.1	9.3	30
YY13053		0.45	0.008	0.84	1.89	32.4	<0.02	<10	200	0.38	0.22	0.44	0.77	30.9	8.0	30
YY13054		0.42	0.010	1.34	1.90	35.2	<0.02	<10	250	0.38	0.22	0.46	0.72	28.4	7.6	33
YY13055		0.49	0.053	1.83	1.94	108.5	0.03	<10	170	0.45	0.21	0.44	0.82	32.9	6.9	27
YY13056		0.49	0.026	2.38	1.99	47.7	0.02	<10	160	0.41	0.21	0.35	0.73	26.5	6.6	30
YY13057		0.49	0.028	2.42	1.90	105.5	0.02	<10	290	0.44	0.28	0.43	2.95	35.2	14.3	32
YY13058		0.48	0.046	5.43	1.77	119.0	0.03	<10	260	0.55	0.31	0.75	2.94	35.0	8.4	29
YY13059		0.53	0.057	5.04	2.04	129.0	0.03	<10	360	0.67	0.28	0.68	4.58	44.7	10.1	34
YY13060		0.58	0.053	3.90	2.11	142.0	0.03	<10	350	0.74	0.41	0.84	7.83	32.2	10.5	37
YY13061		0.50	0.072	8.41	1.91	294	0.06	<10	290	0.78	0.29	0.69	3.56	35.4	12.0	37
YY13062		0.40	0.089	6.53	1.86	182.5	0.06	<10	310	0.74	0.23	0.74	3.73	42.9	9.1	32
YY13063		0.48	0.154	11.70	2.02	350	0.12	<10	330	0.98	0.33	0.79	4.77	39.1	10.2	39
YY13064		0.53	0.080	6.01	1.54	151.0	0.06	<10	250	0.68	0.20	0.52	5.04	47.2	12.6	30
YY13065		0.50	0.045	4.84	1.98	98.9	0.03	<10	220	0.83	0.27	0.38	1.15	29.6	11.0	32
YY13066		0.49	0.028	2.34	1.75	68.4	0.02	<10	160	0.73	0.16	0.37	1.03	34.8	9.2	29
YY13067		0.53	0.016	0.85	1.52	75.2	0.02	<10	120	0.51	0.27	0.26	0.87	27.0	10.2	28
YY13068		0.48	0.011	0.69	1.82	19.7	<0.02	<10	190	0.46	0.25	0.42	0.42	28.1	7.6	35
YY13069		0.60	0.021	2.00	1.70	32.3	<0.02	<10	300	0.79	0.30	0.46	0.95	43.0	8.5	31
YY13070		0.50	0.004	0.11	2.15	13.2	<0.02	<10	150	0.63	0.59	0.18	0.35	40.5	11.7	33

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY17931		1.53	18.2	2.72	8.35	<0.05	0.02	0.11	0.023	0.05	11.2	5.4	0.17	275	2.06	<0.01
YY17932		3.96	23.0	3.26	5.78	<0.05	0.03	0.14	0.050	0.08	21.1	11.2	0.53	801	0.93	0.01
YY17933		2.00	17.7	2.73	5.97	<0.05	0.03	0.08	0.043	0.07	14.6	10.8	0.51	606	1.04	<0.01
YY17934		2.33	28.6	3.85	5.80	0.07	0.05	0.11	0.062	0.10	34.3	10.5	0.52	2290	1.58	0.01
YY17935		2.25	15.8	3.19	6.47	<0.05	0.02	0.08	0.059	0.09	18.0	11.0	0.53	892	0.97	0.01
YY17936		2.28	27.1	3.08	5.59	0.05	0.07	0.06	0.083	0.09	26.6	10.5	0.48	719	1.05	0.01
YY17937		1.87	30.4	3.60	5.98	0.05	0.20	0.06	0.056	0.09	24.9	11.5	0.51	242	1.40	0.01
YY17938		1.90	20.5	3.16	6.62	<0.05	0.06	0.04	0.035	0.08	12.8	13.4	0.58	496	0.97	0.01
YY17939		1.64	26.8	2.89	5.52	0.05	0.03	0.07	0.027	0.06	21.0	10.9	0.45	769	1.59	0.01
YY17940		1.34	13.0	2.36	6.23	<0.05	0.03	0.11	0.031	0.07	13.4	12.5	0.51	291	1.88	0.01
YY17941		1.12	17.0	2.93	6.91	<0.05	0.03	0.06	0.031	0.06	9.6	12.7	0.41	412	1.36	0.01
YY17942		5.38	22.1	3.58	6.48	0.07	0.10	0.08	0.037	0.12	30.9	15.0	0.61	1440	1.71	0.01
YY17943		2.06	11.6	3.09	5.88	<0.05	0.03	0.11	0.028	0.07	13.9	11.2	0.54	751	1.89	0.01
YY17944		1.69	12.2	2.87	6.78	<0.05	0.05	0.05	0.026	0.06	10.7	11.2	0.40	580	1.32	0.01
YY07880		5.86	25.9	3.45	7.85	0.06	0.03	0.12	0.038	0.15	37.0	15.0	0.56	706	2.05	0.01
YY07881		2.99	10.6	2.39	6.72	<0.05	0.06	0.02	0.020	0.17	11.6	7.9	0.43	706	1.37	0.01
YY07882		4.17	18.8	3.45	7.85	<0.05	0.05	0.05	0.035	0.12	16.9	14.9	0.69	768	1.43	0.01
YY07883		4.30	16.1	3.28	7.43	<0.05	0.05	0.10	0.036	0.11	14.8	15.2	0.64	616	1.16	0.01
YY07884		3.64	15.2	2.96	6.82	0.05	0.08	0.05	0.032	0.09	21.6	13.2	0.64	556	0.98	0.01
YY07885		6.44	20.5	3.85	7.81	0.05	0.06	0.09	0.044	0.15	27.7	15.7	0.65	967	1.27	0.01
YY13051		1.38	13.8	2.21	5.84	<0.05	0.03	0.06	0.029	0.07	12.7	11.7	0.56	478	0.70	0.01
YY13052		1.37	21.2	2.36	5.94	0.05	0.08	0.06	0.031	0.07	19.5	12.0	0.57	248	0.65	0.01
YY13053		1.36	15.7	1.91	6.38	<0.05	0.04	0.06	0.031	0.06	15.6	12.0	0.57	182	0.66	0.01
YY13054		1.49	15.8	2.07	6.27	<0.05	0.03	0.07	0.034	0.06	14.6	11.7	0.56	327	0.70	0.01
YY13055		1.76	16.7	2.32	6.04	<0.05	0.09	0.07	0.038	0.08	17.3	11.5	0.59	214	0.72	0.01
YY13056		2.42	13.2	2.27	6.04	<0.05	0.05	0.13	0.036	0.08	14.1	12.7	0.56	226	0.39	0.01
YY13057		2.66	18.4	3.00	6.53	<0.05	0.02	0.12	0.053	0.09	16.8	10.5	0.51	2850	1.56	0.01
YY13058		3.01	24.2	2.72	5.60	0.05	0.04	0.14	0.059	0.10	23.5	9.0	0.44	797	1.93	0.01
YY13059		2.90	33.9	3.05	6.28	0.06	0.03	0.17	0.063	0.12	32.2	10.4	0.51	980	2.06	0.01
YY13060		3.71	29.9	3.21	5.81	0.08	0.04	0.09	0.102	0.12	20.9	13.1	0.60	903	1.50	0.01
YY13061		3.78	27.9	3.40	5.73	0.06	0.05	0.13	0.055	0.10	19.7	12.0	0.58	1320	1.47	0.01
YY13062		4.04	27.4	3.22	5.17	0.08	0.05	0.20	0.053	0.09	28.3	10.3	0.53	940	1.89	0.02
YY13063		5.01	36.8	3.53	5.90	0.08	0.05	0.25	0.066	0.13	32.9	11.0	0.56	858	2.10	0.01
YY13064		2.70	23.7	2.63	4.70	0.06	0.06	0.15	0.037	0.08	26.2	10.0	0.48	2470	2.70	0.01
YY13065		5.29	19.2	2.99	5.50	0.06	0.03	0.16	0.034	0.09	18.0	12.2	0.51	731	2.68	0.01
YY13066		4.29	18.0	2.73	4.75	0.06	0.07	0.09	0.027	0.07	16.1	9.8	0.46	1270	2.01	0.01
YY13067		2.87	10.2	2.89	4.92	0.05	0.02	0.08	0.030	0.09	13.9	10.7	0.43	972	4.18	0.01
YY13068		1.69	20.1	2.16	5.67	0.05	0.03	0.09	0.033	0.06	14.4	11.5	0.49	354	6.59	0.01
YY13069		3.96	31.7	2.55	5.00	0.09	0.10	0.12	0.031	0.07	28.8	12.1	0.57	277	1.85	0.02
YY13070		6.19	19.9	3.93	6.89	0.05	0.05	0.06	0.036	0.09	15.0	15.0	0.52	844	3.29	0.01

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY17931		1.34	11.7	600	19.7	9.6	<0.001	0.06	1.24	1.7	0.4	0.9	17.2	<0.01	0.05	0.9
YY17932		1.29	16.8	700	627	15.1	<0.001	0.03	5.20	5.1	0.6	0.8	25.5	<0.01	0.03	8.7
YY17933		1.25	16.0	640	205	13.2	<0.001	0.04	3.16	4.1	0.5	0.8	23.3	<0.01	0.02	4.7
YY17934		1.24	19.9	710	532	17.8	<0.001	0.04	5.21	7.0	0.6	1.0	30.7	<0.01	0.03	9.7
YY17935		1.24	15.6	630	397	17.5	<0.001	0.03	5.34	4.4	0.4	1.1	24.7	<0.01	0.02	6.9
YY17936		1.18	16.7	640	577	15.8	<0.001	0.02	7.00	6.9	0.4	1.0	22.0	<0.01	0.02	13.2
YY17937		1.25	18.6	630	289	16.4	<0.001	0.02	5.57	7.5	0.4	0.8	23.8	<0.01	0.03	15.1
YY17938		1.38	21.2	500	70.8	14.9	<0.001	0.01	1.38	5.4	0.2	0.7	27.9	<0.01	0.03	5.1
YY17939		0.98	20.3	650	270	10.2	<0.001	0.05	29.3	5.0	0.3	1.8	34.3	<0.01	0.03	2.9
YY17940		1.33	16.5	880	79.3	11.8	<0.001	0.06	2.28	4.6	0.4	0.6	28.8	<0.01	0.02	2.4
YY17941		1.62	19.2	440	42.7	11.3	<0.001	0.03	1.51	3.4	0.3	0.7	23.3	0.01	0.04	2.4
YY17942		1.29	18.9	780	60.3	18.1	<0.001	0.03	2.47	9.4	0.4	0.8	42.0	<0.01	0.03	9.6
YY17943		1.40	15.0	490	53.0	12.7	<0.001	0.04	2.86	4.3	0.2	0.7	30.8	<0.01	0.02	3.8
YY17944		1.81	14.6	390	51.2	10.1	<0.001	0.03	1.76	3.7	0.2	0.8	21.0	<0.01	0.03	3.6
YY07880		1.39	19.0	820	77.3	32.2	<0.001	0.07	3.58	7.5	0.3	0.8	60.6	<0.01	0.03	5.5
YY07881		2.03	11.3	200	30.3	68.4	<0.001	0.01	2.78	3.8	0.2	0.8	25.8	<0.01	0.03	4.2
YY07882		1.60	19.6	700	35.6	25.2	<0.001	0.04	3.01	7.0	0.3	0.9	43.2	<0.01	0.03	5.6
YY07883		1.36	17.8	740	38.3	25.0	<0.001	0.05	1.96	7.7	0.3	0.8	45.1	<0.01	0.02	4.9
YY07884		1.81	16.3	700	37.0	19.2	<0.001	0.03	2.04	7.3	0.2	0.8	40.4	<0.01	0.01	10.5
YY07885		1.92	19.6	640	22.4	32.1	<0.001	0.02	1.94	10.9	0.3	1.1	36.8	<0.01	0.02	12.6
YY13051		1.36	17.9	690	54.4	11.5	<0.001	0.03	1.88	4.7	0.4	0.7	25.9	<0.01	0.02	4.7
YY13052		1.52	18.1	650	60.2	13.3	<0.001	0.02	2.25	6.8	0.4	0.7	23.2	<0.01	0.02	7.5
YY13053		1.48	17.1	510	66.8	11.1	<0.001	0.05	2.14	5.2	0.3	0.7	31.0	<0.01	0.01	5.3
YY13054		1.16	16.9	830	94.2	11.5	<0.001	0.07	2.15	5.6	0.3	0.7	32.9	<0.01	0.01	3.5
YY13055		1.35	15.8	690	140.0	15.7	<0.001	0.03	3.39	5.2	0.2	0.7	24.6	<0.01	0.02	9.1
YY13056		1.33	15.7	650	180.0	11.2	<0.001	0.04	4.05	4.7	0.4	1.1	22.8	<0.01	0.02	4.4
YY13057		0.88	17.1	900	177.0	16.5	<0.001	0.07	5.43	5.2	0.4	1.2	35.9	<0.01	0.02	2.8
YY13058		0.85	16.7	1050	218	15.1	<0.001	0.10	6.28	4.6	0.5	2.1	53.1	<0.01	0.02	2.6
YY13059		0.92	22.1	980	229	19.4	<0.001	0.08	5.67	5.5	0.5	1.0	48.7	<0.01	0.03	2.9
YY13060		0.82	24.0	910	232	21.4	<0.001	0.07	5.35	6.4	0.5	1.0	44.5	<0.01	0.04	4.4
YY13061		0.86	25.1	910	539	23.3	<0.001	0.08	9.92	6.7	0.6	2.0	48.5	<0.01	0.03	5.6
YY13062		0.94	19.0	1080	391	17.1	<0.001	0.10	7.35	7.8	0.6	0.9	47.6	<0.01	0.02	4.8
YY13063		0.94	22.4	940	658	20.6	<0.001	0.11	11.10	7.0	0.6	1.8	50.0	<0.01	0.04	5.8
YY13064		0.88	20.6	780	404	13.4	<0.001	0.04	5.07	6.5	0.4	0.9	33.0	<0.01	0.02	7.9
YY13065		1.06	20.4	500	173.5	16.9	<0.001	0.02	5.13	5.3	0.3	0.9	25.5	<0.01	0.03	6.8
YY13066		1.13	19.5	690	82.0	10.7	<0.001	0.01	4.13	5.4	0.3	0.5	23.4	<0.01	0.02	7.9
YY13067		1.00	13.9	540	98.7	13.7	<0.001	0.03	3.68	3.2	0.3	0.5	19.9	<0.01	0.03	4.4
YY13068		1.24	15.0	730	168.0	11.3	<0.001	0.11	2.44	5.5	0.6	0.5	26.0	<0.01	0.02	5.0
YY13069		1.36	23.0	750	71.6	11.8	<0.001	0.02	2.07	7.9	0.6	0.5	32.4	<0.01	0.03	10.1
YY13070		1.62	20.7	360	24.0	19.5	<0.001	0.02	1.75	5.0	0.2	0.7	14.8	<0.01	0.05	9.7

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY17931		0.068	0.12	1.34	90	0.23	2.94	56	0.8
YY17932		0.058	0.27	10.05	58	0.25	9.91	826	1.3
YY17933		0.072	0.20	4.06	60	0.20	5.63	446	1.1
YY17934		0.074	0.23	11.35	62	0.22	18.30	798	1.9
YY17935		0.073	0.21	2.90	63	0.24	6.81	679	1.2
YY17936		0.083	0.25	6.66	58	0.19	14.20	626	4.0
YY17937		0.079	0.22	5.13	66	0.22	13.15	457	10.3
YY17938		0.098	0.22	1.06	70	0.30	5.18	132	3.2
YY17939		0.075	0.17	3.94	61	0.25	13.30	157	1.2
YY17940		0.081	0.17	2.14	67	1.21	7.12	108	1.4
YY17941		0.094	0.13	0.71	71	0.23	3.57	75	1.4
YY17942		0.077	0.21	4.07	66	0.22	19.75	159	5.3
YY17943		0.089	0.18	1.75	72	0.38	5.12	135	1.5
YY17944		0.091	0.16	0.95	68	0.84	3.40	96	1.9
YY07880		0.055	0.28	4.50	67	0.32	20.5	208	1.2
YY07881		0.123	0.19	0.68	70	0.28	3.49	114	2.9
YY07882		0.095	0.24	2.31	74	0.61	8.01	141	1.9
YY07883		0.082	0.27	2.68	74	0.29	7.65	134	1.7
YY07884		0.104	0.29	4.99	70	0.25	10.90	104	3.1
YY07885		0.108	0.34	6.15	82	0.45	13.00	94	2.9
YY13051		0.092	0.20	1.59	54	0.29	5.22	114	1.6
YY13052		0.094	0.17	2.35	62	0.24	9.63	134	3.7
YY13053		0.085	0.19	1.95	69	0.17	6.73	129	2.0
YY13054		0.069	0.21	2.79	56	0.17	6.88	189	1.4
YY13055		0.083	0.21	4.22	66	0.19	6.54	199	4.1
YY13056		0.074	0.23	2.47	52	0.41	5.66	204	2.1
YY13057		0.059	0.27	2.72	62	0.22	9.68	296	0.9
YY13058		0.043	0.19	4.40	50	0.22	14.80	345	1.4
YY13059		0.047	0.23	6.65	56	0.24	24.5	431	1.1
YY13060		0.053	0.23	7.40	60	0.18	13.00	692	1.4
YY13061		0.044	0.30	6.43	59	0.21	10.20	523	1.6
YY13062		0.052	0.25	8.30	60	0.26	19.15	345	1.9
YY13063		0.049	0.25	9.23	62	0.24	20.0	600	1.8
YY13064		0.060	0.20	8.61	53	0.26	18.10	340	2.2
YY13065		0.053	0.23	6.37	60	0.28	15.55	287	1.0
YY13066		0.086	0.15	4.52	62	0.29	12.70	204	2.8
YY13067		0.059	0.18	2.26	58	0.25	4.89	165	0.6
YY13068		0.069	0.18	6.96	71	0.19	9.10	74	1.3
YY13069		0.084	0.18	22.2	60	0.24	37.6	145	4.4
YY13070		0.085	0.20	1.78	73	0.28	5.34	78	2.3

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CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13071		0.52	0.005	0.09	2.42	12.0	<0.02	<10	90	0.58	0.78	0.14	0.19	30.2	10.4	33
YY13072		0.52	0.009	0.40	1.70	15.7	<0.02	<10	190	0.58	0.23	0.35	0.28	32.2	10.3	33
YY13073		0.47	0.015	0.13	2.94	12.8	<0.02	<10	140	0.58	0.17	0.29	0.31	20.8	13.1	38
YY13074		0.43	0.003	0.13	2.87	14.7	<0.02	<10	120	0.53	0.24	0.14	0.61	17.90	10.3	41
YY13075		0.45	0.006	0.07	1.97	8.8	<0.02	<10	170	0.41	0.48	0.35	0.24	28.3	12.0	36
YY13076		0.48	0.008	0.09	1.91	9.4	<0.02	<10	160	0.37	0.20	0.30	0.22	24.2	10.2	32
YY13077		0.49	0.006	0.24	1.99	35.4	<0.02	<10	270	0.48	0.22	0.38	0.32	34.1	12.3	33
YY13078		0.45	0.006	0.59	2.15	16.0	<0.02	<10	300	0.65	0.30	0.36	0.32	48.3	14.4	38
YY13079		0.42	0.004	0.14	1.57	17.7	<0.02	<10	150	0.26	0.23	0.29	0.31	22.4	9.6	29
YY13080		0.50	0.004	0.22	2.14	12.5	<0.02	<10	310	0.36	0.30	0.53	0.17	25.7	11.5	37
YY13081		0.38	0.006	0.29	2.35	30.8	<0.02	<10	340	0.38	0.26	0.49	0.34	32.3	13.0	35
YY13082		0.62	0.004	1.33	2.07	39.2	<0.02	<10	210	0.33	0.38	0.34	0.21	28.0	15.5	31
YY13083		0.64	0.004	0.13	2.37	9.2	<0.02	<10	190	0.36	0.25	0.29	0.14	24.9	8.9	33
YY13084		0.64	0.004	0.04	2.33	15.3	<0.02	<10	200	0.43	0.20	0.36	0.16	30.6	10.3	34
YY13085		0.55	0.006	0.09	2.28	19.4	<0.02	<10	250	0.42	0.15	0.34	0.14	26.0	11.5	30
YY13086		0.49	0.004	0.04	1.89	8.5	<0.02	<10	230	0.26	0.15	0.34	0.10	18.30	9.3	30
YY13087		0.53	0.003	0.08	1.95	12.8	0.07	<10	260	0.27	0.17	0.56	0.11	27.2	14.1	27
YY13088		0.57	0.004	0.10	2.17	10.8	<0.02	<10	260	0.37	0.21	0.41	0.20	34.9	11.4	29
YY13089		0.55	0.004	0.19	2.48	12.2	<0.02	<10	350	0.39	0.21	0.64	0.20	33.9	15.8	38
YY13090		0.54	0.006	0.05	1.97	6.5	<0.02	<10	260	0.31	0.13	0.37	0.12	25.7	9.6	33
YY13091		0.41	0.004	0.17	2.14	11.7	<0.02	<10	440	0.50	0.46	0.97	0.38	53.0	12.9	30
YY13092		0.44	0.004	0.18	1.82	6.3	<0.02	<10	290	0.32	0.21	0.57	0.27	27.7	6.1	31
YY13093		0.52	0.004	0.10	1.98	8.2	<0.02	<10	200	0.33	0.23	0.35	0.19	31.9	8.8	29
YY13094		0.55	0.006	0.10	1.73	43.4	<0.02	<10	210	0.31	0.35	0.41	0.17	33.3	9.4	28
YY13095		0.61	0.006	0.21	1.87	20.4	<0.02	<10	320	0.26	0.33	0.32	0.18	29.9	6.6	29
YY13096		0.55	0.005	0.23	2.22	22.5	<0.02	<10	250	0.49	0.22	0.31	0.20	34.2	9.3	31
YY13097		0.57	0.007	0.16	2.42	20.4	<0.02	<10	250	0.49	0.37	0.31	0.14	38.7	8.2	34
YY13098		0.63	0.005	0.23	2.28	22.2	<0.02	<10	260	0.37	0.29	0.38	0.25	35.9	9.3	30
YY13099		0.52	0.004	0.40	2.31	40.9	<0.02	<10	280	0.42	0.17	0.41	0.23	28.8	15.4	33
YY13100		0.41	0.010	0.34	1.71	18.0	<0.02	<10	210	0.26	0.18	0.36	0.36	21.2	5.6	26
YY13301		0.53	0.006	0.21	1.97	48.1	<0.02	<10	310	0.55	0.30	0.42	0.26	47.0	13.3	31
YY13302		0.48	0.005	0.14	1.65	59.4	<0.02	<10	250	0.48	0.26	0.32	0.31	37.6	8.6	25
YY13303		0.57	0.008	0.17	2.04	40.3	<0.02	<10	280	0.56	0.30	0.35	0.18	45.1	9.6	26
YY13304		0.57	0.007	0.29	2.36	51.9	<0.02	<10	360	0.55	0.27	0.44	0.27	55.6	12.1	30
YY13305		0.59	0.007	0.06	1.82	24.5	<0.02	<10	230	0.32	0.25	0.27	0.19	29.0	13.7	27
YY13306		0.44	0.005	0.19	1.82	34.2	<0.02	<10	260	0.46	0.28	0.39	0.23	34.2	10.3	26
YY13307		0.47	0.006	0.15	1.81	16.8	<0.02	<10	270	0.42	0.28	0.47	0.18	35.7	7.8	26
YY13308		0.44	0.017	0.56	3.03	29.7	<0.02	<10	530	1.28	0.82	0.38	0.39	134.5	13.7	36
YY13309		0.59	0.006	0.26	2.17	37.9	0.03	<10	220	0.40	0.35	0.41	0.19	29.6	12.6	32
YY13310		0.57	0.005	0.22	2.01	46.9	<0.02	<10	230	0.41	0.30	0.44	0.21	36.1	8.5	30

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

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13071		2.67	18.2	3.74	8.46	<0.05	0.04	0.05	0.032	0.05	14.2	16.3	0.44	363	1.81	0.01
YY13072		5.71	20.9	2.94	5.05	0.06	0.06	0.06	0.026	0.10	18.0	10.4	0.55	568	1.93	0.02
YY13073		2.61	20.7	3.77	6.79	<0.05	0.05	0.05	0.035	0.05	9.7	16.1	0.59	371	1.57	0.01
YY13074		1.56	17.5	4.54	10.65	<0.05	0.02	0.07	0.040	0.04	8.6	17.7	0.47	267	4.41	0.01
YY13075		1.91	23.4	3.14	5.65	0.05	0.05	0.04	0.027	0.06	11.5	11.9	0.55	408	1.58	0.02
YY13076		1.62	22.2	3.23	6.67	<0.05	0.03	0.04	0.028	0.06	11.2	11.3	0.50	375	2.54	0.01
YY13077		4.51	23.8	3.22	5.80	0.07	0.05	0.04	0.034	0.14	17.7	11.0	0.57	810	7.08	0.01
YY13078		3.08	36.0	3.42	6.45	0.07	0.03	0.08	0.035	0.09	26.6	12.0	0.57	1420	21.2	0.01
YY13079		1.88	16.1	2.74	5.43	<0.05	0.03	0.05	0.025	0.07	10.6	9.7	0.49	422	4.56	0.01
YY13080		2.50	17.4	2.52	7.54	<0.05	<0.02	0.06	0.032	0.06	14.3	12.8	0.57	726	18.70	0.01
YY13081		3.81	19.2	3.48	7.14	0.05	0.04	0.06	0.032	0.10	16.8	12.3	0.67	954	9.78	0.01
YY13082		3.52	15.1	2.93	6.90	<0.05	<0.02	0.09	0.033	0.08	14.0	11.1	0.59	1820	6.23	0.01
YY13083		3.47	14.0	2.62	7.56	0.05	0.02	0.04	0.030	0.14	12.2	13.1	0.63	761	0.88	0.01
YY13084		2.05	16.8	3.60	7.70	0.06	0.04	0.02	0.032	0.13	15.4	15.3	0.69	279	1.00	0.01
YY13085		2.36	16.0	3.44	7.27	0.05	0.02	0.02	0.029	0.12	13.2	12.4	0.63	642	1.34	0.01
YY13086		1.67	11.7	2.87	6.74	<0.05	0.02	0.02	0.025	0.06	10.2	11.2	0.62	420	0.89	0.01
YY13087		2.33	9.5	3.46	6.83	<0.05	<0.02	0.04	0.030	0.07	13.6	12.5	0.68	1410	1.45	0.01
YY13088		3.55	13.4	2.76	7.27	0.06	0.02	0.05	0.032	0.09	17.8	13.9	0.71	292	1.50	0.01
YY13089		3.27	13.6	4.52	7.64	0.05	0.03	0.11	0.036	0.14	17.2	13.0	0.73	575	2.05	0.01
YY13090		2.97	8.9	2.50	6.61	<0.05	0.02	0.06	0.031	0.08	14.2	12.7	0.62	252	0.86	0.01
YY13091		4.01	21.3	3.07	6.62	0.06	0.02	0.07	0.035	0.08	34.1	12.7	0.56	819	1.97	0.01
YY13092		4.00	13.6	1.38	6.26	<0.05	0.02	0.12	0.026	0.08	16.8	11.9	0.44	220	0.62	0.01
YY13093		2.75	13.1	2.11	6.32	0.05	0.04	0.08	0.031	0.08	17.7	10.6	0.54	199	0.56	0.01
YY13094		2.95	12.1	3.48	5.58	0.05	0.03	0.06	0.027	0.08	18.5	8.9	0.52	405	1.51	0.01
YY13095		2.72	12.3	2.28	6.07	0.05	0.03	0.07	0.028	0.07	16.7	9.9	0.53	185	0.67	0.01
YY13096		2.32	21.2	2.76	6.86	0.07	0.03	0.07	0.034	0.08	19.3	13.9	0.56	341	1.48	0.02
YY13097		3.01	16.8	2.81	6.94	0.09	0.05	0.15	0.030	0.13	22.9	13.9	0.64	256	1.07	0.02
YY13098		3.02	12.5	2.81	6.82	0.07	0.04	0.12	0.028	0.11	19.5	14.0	0.67	677	0.94	0.02
YY13099		2.95	12.4	3.96	6.97	0.07	0.02	0.08	0.028	0.10	16.6	13.2	0.64	473	2.06	0.02
YY13100		1.88	15.6	2.43	5.92	0.05	0.02	0.03	0.022	0.06	13.3	8.0	0.41	304	2.70	0.02
YY13301		3.86	16.2	3.41	6.85	0.07	0.03	0.11	0.036	0.10	28.3	15.3	0.59	889	1.17	0.02
YY13302		4.49	12.9	3.31	6.32	0.08	0.05	0.06	0.040	0.11	21.6	14.0	0.56	552	1.58	0.02
YY13303		3.35	15.4	3.16	6.89	0.08	0.05	0.10	0.037	0.09	26.3	15.3	0.59	458	1.56	0.02
YY13304		4.32	19.2	3.46	7.62	0.09	0.05	0.08	0.039	0.13	33.1	17.7	0.68	691	1.56	0.02
YY13305		2.84	11.5	3.29	6.75	0.05	0.05	0.03	0.024	0.09	15.0	13.6	0.54	1460	1.91	0.02
YY13306		3.13	16.6	3.50	6.34	0.07	0.04	0.10	0.034	0.09	19.1	13.0	0.53	473	2.07	0.02
YY13307		3.27	12.1	2.54	5.98	0.07	0.05	0.18	0.032	0.11	21.2	12.6	0.56	439	1.09	0.02
YY13308		6.33	30.3	3.89	8.42	0.17	0.07	0.14	0.052	0.16	90.0	17.0	0.60	957	2.55	0.02
YY13309		3.05	13.2	3.26	6.86	0.06	0.04	0.04	0.034	0.11	17.1	14.2	0.67	663	1.62	0.02
YY13310		2.79	15.0	3.39	6.65	0.07	0.06	0.05	0.031	0.10	20.7	13.8	0.64	307	1.29	0.02

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13071		1.84	21.0	290	15.8	11.5	<0.001	0.02	1.07	4.5	0.3	0.7	14.7	0.01	0.07	6.6
YY13072		1.29	20.7	590	30.0	15.6	<0.001	0.01	2.27	5.9	0.2	0.6	24.0	<0.01	0.02	8.0
YY13073		1.89	29.4	440	11.2	9.5	<0.001	0.03	0.95	4.5	0.5	0.6	24.3	0.01	0.04	3.5
YY13074		1.83	22.3	400	12.4	7.8	<0.001	0.03	0.82	4.1	0.4	0.8	14.7	<0.01	0.05	1.4
YY13075		1.61	26.1	790	8.5	11.5	<0.001	0.02	0.75	4.5	0.3	0.5	23.4	0.02	0.03	4.0
YY13076		1.33	20.7	680	9.1	11.1	<0.001	0.02	0.80	3.7	0.4	0.6	22.2	<0.01	0.04	2.2
YY13077		1.62	20.3	670	17.3	24.7	<0.001	0.02	2.45	5.9	0.3	0.8	24.4	<0.01	0.02	8.2
YY13078		1.03	21.4	820	16.3	17.2	<0.001	0.04	2.63	6.1	0.4	0.6	27.8	<0.01	0.04	4.7
YY13079		1.30	18.0	530	11.9	12.4	<0.001	0.02	1.36	3.4	0.3	0.5	21.5	<0.01	0.04	3.3
YY13080		0.86	18.8	1070	14.9	11.3	<0.001	0.07	1.23	4.5	0.4	0.6	38.1	<0.01	0.02	1.7
YY13081		1.61	18.8	950	16.4	16.3	<0.001	0.05	1.72	6.8	0.4	0.8	31.2	<0.01	0.02	6.2
YY13082		1.12	15.3	1080	75.9	15.8	<0.001	0.05	4.98	4.6	0.4	0.8	23.5	<0.01	0.03	3.0
YY13083		1.17	16.1	970	13.4	24.4	<0.001	0.05	1.04	4.1	0.3	0.9	18.6	<0.01	0.01	2.0
YY13084		1.91	20.8	920	11.3	20.6	<0.001	0.03	0.85	4.9	0.3	0.7	20.9	<0.01	0.02	5.1
YY13085		1.23	17.5	970	11.3	18.7	<0.001	0.05	1.41	3.8	0.3	0.6	23.4	<0.01	0.03	2.0
YY13086		1.13	15.9	610	7.5	11.1	<0.001	0.04	0.84	3.1	0.3	0.6	25.6	<0.01	0.03	1.4
YY13087		1.06	14.1	1100	11.9	11.7	<0.001	0.05	2.25	4.8	0.2	0.6	30.7	<0.01	0.02	2.1
YY13088		1.60	16.5	940	17.3	18.9	<0.001	0.04	3.57	5.8	0.2	0.7	21.4	<0.01	0.01	5.9
YY13089		1.80	14.8	1260	11.3	22.8	<0.001	0.12	3.32	8.6	0.5	0.8	31.7	<0.01	0.02	6.2
YY13090		1.35	14.9	760	13.2	14.2	<0.001	0.03	0.91	4.5	0.2	0.6	21.4	<0.01	0.01	4.2
YY13091		1.18	20.1	950	14.6	17.6	<0.001	0.07	0.67	5.3	0.5	0.6	65.6	<0.01	0.04	3.3
YY13092		1.13	13.8	630	22.7	16.7	<0.001	0.12	0.74	5.5	0.3	0.6	38.3	<0.01	0.01	3.1
YY13093		1.62	14.8	570	15.9	17.0	<0.001	0.03	0.76	5.8	0.3	0.7	21.8	<0.01	0.02	7.2
YY13094		1.60	15.0	760	15.1	15.5	<0.001	0.03	1.19	4.8	0.2	0.7	24.7	<0.01	0.03	8.3
YY13095		1.78	15.0	520	17.4	14.5	<0.001	0.02	1.29	4.9	0.2	0.7	21.6	<0.01	0.03	7.3
YY13096		1.51	23.3	660	16.5	15.6	<0.001	0.04	1.01	4.4	0.5	0.7	24.1	<0.01	0.03	3.6
YY13097		1.93	18.7	700	18.4	24.0	<0.001	0.04	1.00	6.4	0.4	0.8	18.8	<0.01	0.04	14.7
YY13098		1.83	16.9	710	24.4	20.1	<0.001	0.03	2.28	5.6	0.4	0.8	22.8	<0.01	0.02	7.9
YY13099		1.52	16.4	910	33.9	18.0	<0.001	0.04	2.56	5.2	0.2	0.8	27.5	<0.01	0.03	4.8
YY13100		1.20	13.9	540	18.7	13.8	<0.001	0.05	0.95	2.8	0.3	0.6	27.3	<0.01	0.02	1.0
YY13301		1.67	17.4	590	15.3	27.4	<0.001	0.02	0.97	8.1	0.5	0.9	29.2	<0.01	0.03	7.6
YY13302		1.63	15.2	570	14.2	28.8	<0.001	0.02	1.28	6.0	0.3	0.9	22.6	<0.01	0.02	9.5
YY13303		1.75	15.3	440	17.1	22.5	<0.001	0.02	0.93	6.5	0.3	0.9	25.1	<0.01	0.02	10.2
YY13304		1.70	18.0	620	17.8	29.4	<0.001	0.03	1.29	9.1	0.4	0.9	32.1	<0.01	0.03	12.5
YY13305		1.51	15.1	440	18.8	23.4	<0.001	0.02	1.32	4.8	0.5	0.8	19.8	<0.01	0.03	7.3
YY13306		1.80	15.9	730	20.3	21.3	<0.001	0.03	1.69	5.7	0.4	0.8	27.8	<0.01	0.03	7.2
YY13307		1.81	14.5	530	19.6	23.7	<0.001	0.03	1.60	6.1	0.4	0.8	30.4	<0.01	0.01	9.3
YY13308		1.39	23.2	600	38.9	33.5	<0.001	0.03	2.12	15.5	0.5	0.9	29.2	<0.01	0.04	19.7
YY13309		1.65	17.4	610	30.5	23.1	<0.001	0.02	1.56	5.5	0.3	0.8	24.7	<0.01	0.03	8.8
YY13310		2.08	16.9	600	29.1	24.6	<0.001	0.03	1.95	5.7	0.4	0.9	28.3	<0.01	0.03	11.0

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13071		0.096	0.17	1.59	83	0.27	5.23	53	1.8
YY13072		0.104	0.24	4.98	67	0.27	11.20	79	2.6
YY13073		0.113	0.13	0.91	85	0.35	4.06	58	2.1
YY13074		0.103	0.15	0.64	106	0.23	3.27	56	1.0
YY13075		0.116	0.13	1.20	76	0.28	5.85	63	1.9
YY13076		0.106	0.15	1.17	83	0.48	5.28	58	1.1
YY13077		0.119	0.30	3.16	72	0.90	8.86	80	2.3
YY13078		0.082	0.19	7.49	72	0.50	10.90	76	1.0
YY13079		0.097	0.13	1.00	67	0.57	4.11	61	1.1
YY13080		0.066	0.23	3.60	64	0.30	6.52	56	0.6
YY13081		0.104	0.30	3.15	77	0.61	8.79	72	1.7
YY13082		0.080	0.38	2.42	69	1.02	5.87	108	0.6
YY13083		0.107	0.27	2.07	71	0.36	5.78	75	0.7
YY13084		0.136	0.20	1.15	98	0.44	6.67	73	1.6
YY13085		0.102	0.21	1.36	82	0.38	5.78	73	0.7
YY13086		0.107	0.12	1.02	72	0.30	4.04	60	0.7
YY13087		0.092	0.18	1.20	77	0.32	6.17	68	0.5
YY13088		0.100	0.28	1.67	78	0.38	7.98	65	1.1
YY13089		0.117	0.35	2.93	88	0.64	8.62	65	1.1
YY13090		0.073	0.24	1.25	59	0.36	5.54	74	0.8
YY13091		0.063	0.24	10.70	68	0.29	16.70	74	0.8
YY13092		0.053	0.26	5.40	40	0.21	7.68	53	0.8
YY13093		0.096	0.24	3.32	58	0.36	7.14	59	1.5
YY13094		0.080	0.25	3.19	68	0.34	7.66	62	1.3
YY13095		0.094	0.23	2.22	54	0.28	6.21	62	1.4
YY13096		0.091	0.18	3.22	63	0.39	7.76	66	1.0
YY13097		0.114	0.26	4.11	71	0.48	8.26	71	1.9
YY13098		0.120	0.28	2.23	71	0.53	7.42	74	1.4
YY13099		0.101	0.29	2.39	79	0.63	5.79	90	1.0
YY13100		0.068	0.14	1.72	63	0.43	4.75	62	0.6
YY13301		0.092	0.28	4.09	73	0.25	15.10	84	1.1
YY13302		0.085	0.29	2.24	69	0.25	8.29	88	1.9
YY13303		0.077	0.30	3.38	69	0.19	11.75	80	2.0
YY13304		0.089	0.35	3.76	72	0.25	13.65	99	2.0
YY13305		0.086	0.28	1.38	72	0.31	4.62	87	2.3
YY13306		0.076	0.28	3.39	69	0.29	9.25	82	1.3
YY13307		0.099	0.33	2.69	63	0.28	9.12	78	2.5
YY13308		0.049	0.43	8.12	72	0.25	32.8	103	2.4
YY13309		0.107	0.31	1.98	73	0.18	5.67	100	1.5
YY13310		0.116	0.33	3.05	73	0.22	8.11	91	2.6

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13311		0.57	0.007	0.31	2.06	19.8	<0.02	<10	240	0.53	0.29	0.41	0.30	47.1	8.5	30
YY13312		0.47	0.008	0.51	1.60	54.7	<0.02	<10	310	0.43	0.23	0.59	0.47	41.1	12.8	24
YY13313		0.44	0.014	0.79	2.22	49.4	<0.02	<10	440	0.76	0.33	0.74	0.43	65.2	8.6	33
YY13314		0.67	0.008	0.47	1.53	58.1	<0.02	<10	260	0.40	0.20	0.52	0.43	38.2	10.7	27
YY13315		0.63	0.010	0.73	1.92	88.1	0.02	<10	260	0.45	0.17	0.37	0.59	36.5	11.2	31
YY13317		0.67	0.012	1.23	1.76	172.0	0.06	<10	270	0.50	0.24	0.41	1.38	33.2	7.9	30
YY13318		0.52	0.041	4.63	2.23	211	0.03	<10	320	0.70	0.33	0.37	6.12	35.6	8.3	33
YY13319		0.49	0.042	3.57	1.67	168.0	0.02	<10	200	0.32	0.54	0.33	2.78	20.5	7.5	32
YY13320		0.53	0.016	1.54	1.83	87.4	<0.02	<10	250	0.37	0.65	0.47	2.23	24.8	11.7	31
YY13321		0.36	0.078	3.15	1.87	128.0	0.07	<10	260	0.43	1.40	0.25	2.47	36.1	20.4	29
YY13322		0.50	0.025	2.36	1.66	61.6	0.02	<10	280	0.24	1.16	0.41	1.74	21.8	12.1	28
YY13323		0.52	0.022	1.25	1.40	59.9	0.02	<10	250	0.32	0.67	0.37	3.69	33.5	10.9	24
YY13324		0.51	0.020	1.18	1.93	52.4	<0.02	<10	220	0.36	0.39	0.43	1.58	31.6	11.8	31
YY13325		0.54	0.048	1.85	2.00	108.0	0.03	<10	290	0.52	0.55	0.59	3.43	40.2	13.9	31
YY13326		0.50	0.015	0.44	1.68	54.0	<0.02	<10	200	0.39	0.25	0.46	1.04	27.2	8.9	30
YY13327		0.47	0.008	0.28	1.71	57.0	<0.02	<10	260	0.34	0.31	0.52	1.53	28.7	10.7	33
YY13328		0.55	0.012	0.98	1.89	39.9	<0.02	<10	250	0.34	0.34	0.49	1.80	24.8	8.5	35
YY13329		0.54	0.010	0.83	1.83	59.3	<0.02	<10	260	0.40	0.35	0.64	2.52	29.9	11.3	32
YY13330		0.62	0.010	1.04	2.01	46.5	<0.02	<10	310	0.36	0.32	0.51	2.79	34.8	15.1	34
YY13331		0.53	0.005	0.27	1.87	33.2	<0.02	<10	280	0.37	0.26	0.55	1.21	26.6	11.5	32
YY13332		0.45	0.006	0.25	1.78	51.1	<0.02	<10	350	0.31	0.27	1.04	1.87	28.6	13.8	30
YY13333		0.50	0.008	0.35	1.61	35.5	<0.02	<10	300	0.40	0.32	0.81	1.46	32.2	18.4	27
YY13334		0.60	0.009	0.74	1.89	38.7	<0.02	<10	260	0.43	0.26	0.47	1.39	29.7	10.4	32
YY13335		0.45	0.012	1.20	1.41	148.0	<0.02	<10	250	0.41	0.27	0.69	1.12	24.6	7.5	21
YY13336		0.42	0.014	1.17	1.81	98.4	<0.02	<10	250	0.37	0.23	0.34	1.46	29.6	11.4	31
YY13337		0.49	0.026	3.03	1.66	142.5	<0.02	<10	230	0.42	0.28	0.68	1.08	38.4	13.0	27
YY13338		0.50	0.008	0.46	1.73	44.4	<0.02	<10	280	0.37	0.25	0.59	0.89	32.8	14.0	29
YY13339		0.45	0.010	1.05	1.80	68.8	<0.02	<10	320	0.48	0.18	0.63	1.32	43.7	14.6	29
YY13340		0.46	0.012	2.67	1.72	63.0	<0.02	<10	330	0.41	0.21	0.78	1.53	38.0	11.1	28
YY13341		0.48	0.006	0.53	2.19	34.9	<0.02	<10	350	0.49	0.20	0.56	0.59	40.7	10.5	31
YY13342		0.36	0.012	1.33	2.45	44.5	<0.02	<10	410	0.67	0.22	0.50	1.90	71.6	15.6	29
YY13343		0.33	0.010	1.41	1.99	53.1	<0.02	<10	410	0.46	0.19	0.79	3.49	51.2	14.3	28
YY13344		0.38	0.010	0.87	1.55	56.4	<0.02	<10	330	0.38	0.19	0.64	1.89	34.4	14.6	26
YY13345		0.47	0.009	0.36	2.10	33.3	<0.02	<10	400	0.50	0.26	0.95	0.44	37.9	12.0	29
YY13346		0.39	0.011	1.08	1.61	96.7	<0.02	<10	380	0.48	0.22	0.57	3.80	49.5	19.7	27
YY13347		0.54	0.009	0.44	1.36	22.8	<0.02	<10	410	0.46	0.27	0.69	2.49	48.6	13.3	26
YY13348		0.56	0.004	0.40	1.77	20.1	<0.02	<10	240	0.33	0.26	0.31	0.51	40.7	12.1	28
YY13349		0.46	0.007	0.30	1.53	26.7	<0.02	<10	240	0.28	0.52	0.30	0.58	34.0	12.7	24
YY13350		0.48	0.006	0.36	1.51	36.5	<0.02	<10	220	0.27	0.26	0.28	0.47	27.3	7.7	23
YY13351		0.47	0.005	0.46	1.54	48.9	<0.02	<10	180	0.24	0.23	0.19	0.55	21.5	8.0	24

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Finalized Date: 23-SEP-2020
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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13311		3.10	16.9	2.63	6.60	0.08	0.13	0.07	0.035	0.10	26.6	14.4	0.63	219	0.66	0.02
YY13312		2.74	14.1	3.06	5.31	0.08	0.05	0.10	0.031	0.09	26.0	10.2	0.46	885	1.24	0.02
YY13313		4.99	22.1	3.07	6.71	0.11	0.05	0.09	0.037	0.12	56.6	14.8	0.52	688	1.50	0.02
YY13314		2.74	11.5	2.76	5.04	0.06	0.06	0.05	0.027	0.08	20.1	10.1	0.52	1410	1.55	0.02
YY13315		2.67	14.0	3.00	5.70	0.06	0.04	0.05	0.034	0.09	19.0	12.5	0.54	1720	1.17	0.02
YY13317		3.31	17.4	2.71	5.41	0.06	0.04	0.07	0.046	0.10	19.8	10.7	0.50	886	3.89	0.02
YY13318		4.26	30.8	3.02	6.25	0.07	0.03	0.16	0.106	0.12	23.9	11.8	0.49	825	3.77	0.02
YY13319		3.97	26.4	2.23	6.50	<0.05	<0.02	0.14	0.120	0.09	12.2	9.2	0.38	774	3.67	0.02
YY13320		3.84	17.7	2.57	7.57	<0.05	<0.02	0.07	0.162	0.10	14.9	12.4	0.48	731	7.17	0.02
YY13321		4.29	15.6	3.25	6.51	0.05	<0.02	0.16	0.195	0.07	18.1	10.7	0.40	2130	8.59	0.02
YY13322		3.85	10.5	2.09	6.30	<0.05	<0.02	0.13	0.067	0.08	12.2	9.4	0.42	1560	4.46	0.02
YY13323		3.04	12.5	2.34	5.19	0.06	0.02	0.08	0.136	0.07	19.0	8.3	0.40	1380	2.47	0.02
YY13324		3.59	12.5	2.69	6.41	0.06	0.02	0.08	0.105	0.09	16.4	12.5	0.59	1060	1.28	0.02
YY13325		4.36	15.0	3.09	6.33	0.06	0.02	0.15	0.181	0.10	21.9	12.6	0.60	2150	1.68	0.02
YY13326		3.06	12.8	3.09	5.28	0.06	0.03	0.04	0.113	0.12	14.1	11.5	0.63	864	1.02	0.02
YY13327		3.08	16.6	3.14	6.31	0.05	0.02	0.08	0.085	0.11	15.2	9.7	0.58	1410	1.45	0.02
YY13328		3.60	13.0	2.54	6.25	0.06	0.02	0.11	0.161	0.08	14.8	12.2	0.59	677	0.92	0.02
YY13329		2.99	15.7	3.12	5.99	0.06	0.03	0.06	0.131	0.11	16.0	12.1	0.68	1060	1.34	0.02
YY13330		3.58	15.1	3.49	6.48	0.06	0.03	0.07	0.090	0.12	15.6	12.4	0.67	2800	1.24	0.02
YY13331		3.12	16.2	3.34	6.51	0.07	0.04	0.04	0.052	0.12	14.0	14.1	0.75	815	1.18	0.02
YY13332		2.85	16.4	3.46	6.31	0.06	0.05	0.06	0.073	0.14	16.1	12.0	0.70	1300	1.28	0.03
YY13333		2.58	22.2	3.19	7.01	0.09	0.05	0.06	0.043	0.08	19.5	10.8	0.64	1890	1.40	0.02
YY13334		2.78	16.5	2.99	7.40	0.06	0.03	0.07	0.066	0.10	17.7	12.0	0.62	768	1.21	0.02
YY13335		1.91	19.6	2.58	6.06	0.05	<0.02	0.08	0.058	0.05	14.5	7.4	0.36	760	1.18	0.02
YY13336		3.18	15.8	2.91	5.84	0.05	0.02	0.09	0.058	0.06	15.7	9.2	0.45	1020	0.93	0.02
YY13337		3.36	17.9	2.85	6.07	0.06	0.03	0.13	0.036	0.08	20.4	10.9	0.53	1520	1.30	0.02
YY13338		3.14	17.0	2.88	6.08	0.07	0.04	0.04	0.027	0.09	16.8	12.3	0.61	1400	1.16	0.02
YY13339		3.06	19.7	3.26	6.03	0.07	0.03	0.05	0.030	0.07	22.5	12.1	0.56	1770	1.18	0.02
YY13340		3.43	16.0	2.55	5.88	0.06	0.02	0.08	0.038	0.08	24.4	10.5	0.51	1240	0.93	0.02
YY13341		4.38	17.7	3.12	7.13	0.06	0.02	0.07	0.032	0.09	22.8	13.7	0.62	761	1.11	0.02
YY13342		3.21	18.6	3.63	7.96	0.09	0.03	0.14	0.050	0.12	38.8	15.1	0.57	2650	1.31	0.02
YY13343		2.17	16.0	2.95	6.59	0.06	0.02	0.11	0.040	0.09	23.0	11.6	0.53	3730	1.41	0.02
YY13344		1.87	14.8	2.83	5.22	0.05	0.02	0.09	0.035	0.07	17.0	9.5	0.50	2810	2.59	0.02
YY13345		1.71	21.1	3.19	6.72	0.08	0.07	0.07	0.042	0.07	22.0	13.2	0.67	907	1.20	0.02
YY13346		2.62	18.2	2.93	5.58	0.07	0.02	0.09	0.049	0.07	21.8	9.9	0.42	5040	2.85	0.02
YY13347		1.81	18.4	2.74	4.51	0.05	0.04	0.09	0.077	0.07	17.3	8.3	0.37	6310	1.65	0.02
YY13348		2.67	12.3	2.42	6.34	0.05	0.02	0.10	0.038	0.06	21.5	11.7	0.45	617	0.81	0.02
YY13349		2.96	10.8	2.38	5.64	0.05	<0.02	0.09	0.030	0.06	17.4	9.9	0.44	1520	0.92	0.02
YY13350		2.58	10.3	2.61	5.63	<0.05	0.02	0.07	0.028	0.07	15.7	8.8	0.45	759	1.49	0.02
YY13351		2.50	9.7	2.29	5.96	<0.05	<0.02	0.05	0.025	0.05	12.6	8.3	0.37	662	1.55	0.02

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13311		2.09	17.4	430	32.5	24.8	<0.001	0.02	2.13	6.7	0.3	0.8	25.7	<0.01	0.03	17.4
YY13312		1.30	14.5	740	35.9	17.6	<0.001	0.05	2.61	5.5	0.4	0.6	38.9	<0.01	0.03	6.6
YY13313		1.15	21.2	570	32.4	23.0	<0.001	0.05	2.94	6.3	0.8	0.6	50.7	<0.01	0.04	6.5
YY13314		1.17	14.2	660	46.8	16.9	<0.001	0.03	3.75	4.4	<0.2	0.8	31.7	<0.01	0.02	6.5
YY13315		1.19	17.4	590	54.3	17.2	<0.001	0.03	3.35	5.0	0.4	0.6	23.2	<0.01	0.02	7.0
YY13317		0.93	17.6	580	104.0	17.3	<0.001	0.03	6.16	4.8	0.3	0.6	29.5	<0.01	0.01	5.3
YY13318		0.81	20.2	890	172.5	20.8	<0.001	0.06	11.90	6.0	0.7	0.8	30.2	<0.01	0.03	3.3
YY13319		0.66	12.6	700	215	21.1	<0.001	0.06	9.46	2.3	0.5	1.0	25.1	<0.01	0.03	0.8
YY13320		0.88	15.4	620	93.7	22.2	<0.001	0.05	5.47	3.4	0.4	0.9	32.3	<0.01	0.03	1.5
YY13321		0.87	13.7	720	135.0	19.8	<0.001	0.05	6.78	3.9	0.6	0.8	21.0	<0.01	0.03	2.2
YY13322		0.69	11.6	620	84.8	17.9	<0.001	0.06	4.35	3.1	0.3	0.8	26.9	<0.01	0.02	1.0
YY13323		0.83	12.1	640	72.5	17.7	<0.001	0.05	6.21	4.0	0.3	0.7	27.4	<0.01	0.03	2.8
YY13324		1.13	17.1	750	57.0	19.2	<0.001	0.05	2.84	5.9	0.4	0.8	28.0	<0.01	0.02	3.5
YY13325		1.01	18.8	790	102.5	23.9	<0.001	0.05	5.11	6.6	0.5	0.8	37.1	<0.01	0.03	4.6
YY13326		1.27	16.8	780	38.5	17.2	<0.001	0.03	2.97	5.2	0.3	0.7	25.0	<0.01	0.03	5.6
YY13327		1.09	16.2	1040	42.0	24.1	<0.001	0.08	2.95	4.6	0.4	0.8	35.4	<0.01	0.03	1.9
YY13328		1.08	16.6	760	59.2	19.8	<0.001	0.07	3.07	5.2	0.5	0.8	32.1	<0.01	0.01	2.5
YY13329		1.28	18.9	700	49.9	20.4	<0.001	0.06	8.88	5.8	0.3	0.8	39.4	<0.01	0.03	3.9
YY13330		1.10	17.4	910	87.7	24.4	<0.001	0.07	5.77	6.8	0.5	0.8	32.8	<0.01	0.04	4.3
YY13331		1.44	18.3	670	37.0	22.7	<0.001	0.05	1.63	6.1	0.5	0.8	31.1	<0.01	0.02	4.5
YY13332		1.84	16.5	750	62.8	24.0	<0.001	0.08	1.76	6.4	0.4	0.8	49.8	<0.01	0.03	4.8
YY13333		1.36	17.8	880	53.0	16.5	<0.001	0.09	2.86	5.4	0.3	0.7	46.2	<0.01	0.04	2.7
YY13334		1.29	18.5	620	51.4	18.2	<0.001	0.05	1.91	5.5	0.4	1.0	30.3	<0.01	0.04	3.7
YY13335		0.95	12.3	640	117.0	8.2	<0.001	0.06	6.54	3.5	0.4	0.7	39.0	<0.01	0.02	1.3
YY13336		0.93	15.9	800	85.9	14.7	<0.001	0.05	2.50	5.2	0.6	0.6	22.7	<0.01	0.03	2.3
YY13337		1.05	16.1	820	191.5	17.5	<0.001	0.06	14.05	6.4	0.4	0.6	38.7	<0.01	0.03	3.5
YY13338		1.19	20.3	850	61.3	18.5	<0.001	0.05	2.95	5.8	0.4	0.6	33.9	<0.01	0.02	5.3
YY13339		1.05	19.7	800	94.3	17.7	<0.001	0.06	3.20	6.4	0.2	0.6	35.9	<0.01	0.03	3.4
YY13340		0.85	16.7	930	99.3	23.7	<0.001	0.08	6.45	5.1	0.4	0.6	46.5	<0.01	0.02	1.9
YY13341		1.07	17.2	880	39.1	22.7	<0.001	0.08	3.53	6.0	0.5	0.6	39.2	<0.01	0.03	2.6
YY13342		1.37	18.6	710	72.4	26.8	<0.001	0.06	1.76	9.1	0.4	0.9	37.7	<0.01	0.03	6.8
YY13343		1.00	17.8	600	87.8	17.6	<0.001	0.05	1.89	5.6	0.3	0.7	45.2	<0.01	0.03	3.8
YY13344		0.92	15.2	810	68.6	16.9	<0.001	0.06	3.64	4.6	0.4	0.5	37.6	<0.01	0.03	3.9
YY13345		1.08	20.0	800	17.5	14.4	<0.001	0.05	1.12	7.6	0.3	0.7	58.5	<0.01	0.04	4.4
YY13346		0.72	16.9	800	88.2	22.0	<0.001	0.07	4.06	4.3	0.3	0.5	38.9	<0.01	0.05	2.4
YY13347		0.57	18.1	1040	28.5	12.6	<0.001	0.08	1.61	4.2	0.7	0.4	46.3	<0.01	0.03	3.4
YY13348		0.85	16.2	600	28.0	18.6	<0.001	0.04	0.79	5.5	0.6	0.6	23.1	<0.01	0.02	5.2
YY13349		0.81	13.7	620	27.2	13.8	<0.001	0.04	1.04	4.8	0.3	0.5	22.9	<0.01	0.02	3.5
YY13350		0.86	12.9	680	33.2	15.9	<0.001	0.03	1.50	3.7	0.3	0.6	19.6	<0.01	0.02	3.2
YY13351		0.79	11.4	470	46.8	10.3	<0.001	0.04	1.74	2.9	0.4	0.7	16.3	<0.01	0.02	1.8

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13311		0.115	0.34	4.84	67	0.29	10.90	95	6.1
YY13312		0.065	0.26	3.25	63	0.26	13.50	91	1.9
YY13313		0.055	0.30	4.99	60	0.20	22.5	116	2.0
YY13314		0.081	0.32	1.61	60	0.21	7.27	111	2.3
YY13315		0.075	0.29	2.16	61	0.21	5.58	138	1.8
YY13317		0.058	0.21	2.95	55	0.26	8.44	226	1.3
YY13318		0.041	0.24	4.57	55	0.22	13.20	513	0.8
YY13319		0.037	0.26	3.35	46	0.31	3.80	446	<0.5
YY13320		0.050	0.23	1.83	63	0.34	4.20	412	<0.5
YY13321		0.039	0.36	2.70	68	0.40	7.49	248	<0.5
YY13322		0.048	0.30	1.61	53	0.29	3.60	253	<0.5
YY13323		0.055	0.27	2.40	53	0.32	8.64	240	0.5
YY13324		0.082	0.28	2.44	58	0.32	7.46	259	0.8
YY13325		0.063	0.39	4.21	63	0.33	11.80	387	0.8
YY13326		0.117	0.20	1.88	71	0.68	6.33	243	1.3
YY13327		0.087	0.21	2.48	76	0.73	7.26	201	0.8
YY13328		0.075	0.27	2.78	62	0.26	8.55	270	0.7
YY13329		0.102	0.23	2.68	70	0.30	7.58	362	1.3
YY13330		0.098	0.30	2.96	81	0.29	7.21	342	0.9
YY13331		0.126	0.20	2.38	80	0.39	7.01	237	1.4
YY13332		0.134	0.27	2.95	85	0.41	9.10	236	1.7
YY13333		0.089	0.24	3.27	76	0.45	13.50	145	1.5
YY13334		0.086	0.19	3.24	71	0.31	8.26	253	1.0
YY13335		0.042	0.22	2.85	63	0.31	7.76	173	0.5
YY13336		0.055	0.26	3.79	65	0.35	8.65	193	0.5
YY13337		0.076	0.29	5.01	64	0.32	11.05	176	0.9
YY13338		0.087	0.26	3.08	68	0.51	10.50	139	1.2
YY13339		0.069	0.30	4.26	68	0.40	14.50	156	1.0
YY13340		0.048	0.30	5.12	58	0.34	15.85	180	0.6
YY13341		0.063	0.28	5.07	71	0.49	12.95	121	0.7
YY13342		0.067	0.30	6.20	78	0.21	16.15	196	0.7
YY13343		0.058	0.23	4.16	67	0.21	10.60	194	0.5
YY13344		0.063	0.18	2.95	61	0.25	8.89	165	0.8
YY13345		0.061	0.15	4.51	68	0.20	15.95	86	2.9
YY13346		0.045	0.24	4.13	59	0.26	13.55	206	0.5
YY13347		0.035	0.14	5.33	46	0.16	11.80	122	1.2
YY13348		0.042	0.20	4.22	57	0.22	8.79	108	0.5
YY13349		0.043	0.24	3.14	52	0.17	7.28	95	<0.5
YY13350		0.045	0.25	2.30	52	0.26	5.60	105	<0.5
YY13351		0.033	0.29	1.83	60	0.23	3.80	93	<0.5

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13352		0.56	0.003	0.60	1.74	65.6	<0.02	<10	200	0.28	0.27	0.28	0.83	26.1	7.9	26
YY13353		0.48	0.007	0.54	1.72	48.5	<0.02	<10	180	0.30	0.21	0.28	0.66	26.4	5.5	27
YY13354		0.57	0.007	0.42	1.79	71.8	<0.02	<10	180	0.41	0.20	0.23	0.95	26.9	11.5	27
YY13355		0.46	0.005	0.58	1.57	55.7	<0.02	<10	170	0.28	0.20	0.25	1.09	26.1	5.5	27
YY13356		0.48	0.007	0.68	1.74	92.5	<0.02	<10	200	0.37	0.17	0.29	1.16	29.7	6.6	28
YY13357		0.46	0.009	0.88	1.67	90.0	<0.02	<10	200	0.31	0.20	0.26	1.30	27.0	5.9	29
YY13358		0.44	0.033	1.11	1.77	73.6	<0.02	<10	190	0.34	0.21	0.26	1.27	27.2	7.6	30
YY13359		0.51	0.014	1.55	1.61	116.5	<0.02	<10	220	0.39	0.20	0.26	1.87	29.8	11.1	29
YY13360		0.56	0.017	1.43	1.62	150.5	<0.02	<10	160	0.28	0.21	0.27	1.08	27.3	11.6	28
YY13361		0.50	0.020	1.43	1.79	79.7	<0.02	<10	230	0.49	0.20	0.28	1.76	39.5	8.2	31
YY13362		0.48	0.069	1.57	1.10	850	0.04	<10	180	0.61	0.20	0.36	4.68	29.8	6.5	23
YY13363		0.44	0.001	0.30	1.28	55.8	<0.02	<10	60	0.18	0.19	0.06	0.16	32.4	3.0	15
YY13364		0.45	0.029	2.31	2.31	124.5	0.02	<10	180	0.73	0.19	0.18	1.77	26.4	9.8	36
YY13365		0.49	0.077	3.96	1.44	340	0.08	<10	210	0.56	0.31	0.34	5.69	39.1	8.2	31
YY13366		0.44	0.030	1.51	1.70	88.7	0.03	<10	160	0.34	0.37	0.29	1.53	25.1	5.6	30
YY13367		0.47	0.057	3.79	1.72	109.0	0.05	<10	290	0.38	0.54	0.32	3.81	36.8	6.6	31
YY13368		0.52	0.278	7.25	1.57	801	0.27	<10	510	0.70	5.68	0.33	6.05	29.8	9.3	31
YY13369		0.59	0.056	2.41	1.69	144.0	0.05	<10	250	0.62	0.49	0.28	3.68	31.3	10.2	31
YY13370		0.45	0.065	1.29	1.39	199.5	0.03	<10	490	0.60	0.72	0.54	2.68	37.4	8.5	27
YY13371		0.43	0.032	1.64	1.94	56.0	0.03	<10	460	0.75	0.45	0.81	3.17	51.7	6.8	31
YY13372		0.40	0.015	0.81	1.29	103.0	<0.02	<10	280	0.33	0.43	0.50	6.35	27.1	6.8	26
YY13373		0.56	0.026	0.80	1.18	155.0	0.02	<10	180	0.41	0.63	0.40	1.57	26.0	6.9	28
YY13374		0.54	0.032	1.25	1.34	110.0	0.02	<10	240	0.47	0.32	0.75	6.97	36.4	8.2	29
YY13375		0.49	0.039	2.93	1.64	259	0.03	<10	240	0.48	1.06	0.46	3.74	26.7	7.6	30
YY13376		0.47	0.042	3.07	1.84	247	0.03	<10	290	0.52	0.72	0.64	2.80	25.9	10.5	32
YY13377		0.46	0.009	0.38	1.69	29.5	0.02	<10	230	0.48	0.20	0.55	0.78	29.1	10.3	32
YY13378		0.51	0.023	1.60	1.78	119.0	0.02	<10	250	0.62	0.58	0.57	3.97	44.4	11.0	31
YY13379		0.47	0.018	0.44	1.31	61.9	0.04	<10	150	0.33	0.19	0.55	1.52	24.8	8.0	27
YY13380		0.44	0.015	1.27	1.85	181.5	<0.02	<10	210	0.53	0.34	0.51	1.54	26.2	10.9	37
YY13381		0.45	0.013	1.77	1.55	106.0	<0.02	<10	170	0.34	0.44	0.48	1.18	23.8	9.6	30
YY13382		0.53	0.004	0.14	2.06	14.1	<0.02	<10	400	0.38	0.15	0.65	0.20	40.2	12.2	28
YY13383		0.59	0.007	0.14	2.18	29.1	<0.02	<10	370	0.36	0.26	0.64	0.15	27.4	16.8	28
YY13384		0.50	0.007	0.17	2.27	34.1	<0.02	<10	370	0.44	0.20	0.51	0.08	39.9	21.7	29
YY13385		0.60	0.005	0.14	2.29	23.5	<0.02	<10	350	0.40	0.16	0.50	0.09	37.6	13.1	30
YY13386		0.43	0.004	0.13	2.11	33.4	<0.02	<10	360	0.34	0.17	0.60	0.08	30.8	13.7	30
YY13387		0.52	0.004	0.09	2.21	15.7	<0.02	<10	320	0.34	0.13	0.69	0.05	27.3	9.9	27
YY13388		0.53	0.004	0.21	2.67	9.0	<0.02	<10	560	0.41	0.14	0.79	0.16	70.2	17.8	31
YY13389		0.59	0.003	0.09	2.36	7.1	<0.02	<10	310	0.30	0.13	0.38	0.09	27.6	10.6	24
YY13390		0.52	0.004	0.21	2.34	15.2	<0.02	<10	400	0.44	0.19	0.72	0.20	42.6	12.1	25
YY13391		0.46	0.003	0.07	2.49	7.3	<0.02	<10	290	0.39	0.17	0.54	0.09	31.2	10.4	20

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13352		2.74	10.1	2.40	6.48	<0.05	0.02	0.06	0.029	0.06	14.7	11.1	0.45	1660	1.61	0.02
YY13353		2.28	12.7	2.25	5.57	<0.05	0.02	0.08	0.037	0.06	15.5	10.6	0.43	240	1.21	0.02
YY13354		2.75	11.8	3.19	5.91	0.05	0.02	0.07	0.038	0.08	15.2	9.8	0.46	1180	2.25	0.02
YY13355		2.43	13.4	2.14	5.85	<0.05	0.02	0.11	0.035	0.07	14.1	9.0	0.38	363	1.42	0.01
YY13356		2.63	14.1	2.58	6.01	0.05	0.02	0.12	0.044	0.07	16.3	11.3	0.44	413	1.80	0.02
YY13357		2.55	13.7	2.61	6.26	<0.05	0.02	0.08	0.040	0.07	14.8	9.9	0.42	414	2.49	0.02
YY13358		2.12	13.4	2.28	6.17	0.05	0.02	0.09	0.057	0.07	15.1	11.1	0.48	491	1.76	0.02
YY13359		1.81	14.2	2.46	5.49	0.05	0.02	0.08	0.059	0.06	14.9	9.0	0.39	2110	2.59	0.02
YY13360		2.22	11.8	2.50	5.39	<0.05	0.03	0.07	0.065	0.06	14.7	9.9	0.46	1180	2.15	0.02
YY13361		2.18	17.2	2.48	5.23	0.06	0.05	0.09	0.059	0.07	20.7	10.5	0.49	268	1.86	0.02
YY13362		4.74	16.1	2.85	3.39	0.06	0.05	0.05	0.118	0.08	19.2	7.4	0.37	1200	1.42	0.02
YY13363		2.77	11.0	2.04	7.97	0.05	0.02	0.02	0.020	0.05	18.8	2.5	0.12	244	2.34	0.01
YY13364		2.52	20.2	3.22	6.26	0.05	0.14	0.06	0.078	0.09	13.9	15.3	0.58	700	2.57	0.02
YY13365		2.65	33.0	2.67	4.76	0.06	0.06	0.11	0.151	0.09	20.6	9.4	0.48	626	15.65	0.02
YY13366		1.93	18.1	1.88	5.69	<0.05	0.03	0.14	0.155	0.06	13.7	11.3	0.48	178	4.90	0.02
YY13367		2.96	16.8	2.06	6.38	0.05	0.02	0.27	0.114	0.07	18.1	10.4	0.46	366	11.90	0.02
YY13368		4.28	60.7	3.54	6.06	0.05	0.02	0.40	0.406	0.19	16.3	9.3	0.39	2630	25.7	0.02
YY13369		2.44	47.0	2.48	5.13	0.05	0.03	0.25	0.267	0.07	16.1	11.0	0.49	1100	14.75	0.02
YY13370		6.25	20.3	3.27	4.54	0.05	0.02	0.10	0.325	0.11	19.6	9.9	0.40	1200	4.80	0.02
YY13371		3.64	40.6	2.08	6.20	0.11	0.04	0.18	0.196	0.07	56.0	13.5	0.48	400	4.69	0.02
YY13372		2.45	18.8	2.33	5.23	<0.05	0.02	0.11	0.095	0.08	17.8	8.4	0.33	589	4.91	0.02
YY13373		2.64	17.1	2.67	4.05	0.06	0.04	0.07	0.123	0.08	15.0	8.3	0.44	699	7.56	0.02
YY13374		2.18	29.4	2.36	4.27	0.09	0.04	0.10	0.189	0.10	24.3	10.0	0.53	883	2.58	0.03
YY13375		2.94	16.2	2.72	5.23	0.05	0.03	0.20	1.375	0.09	15.3	10.4	0.51	856	4.74	0.02
YY13376		4.05	19.8	3.03	5.77	0.06	0.03	0.12	0.526	0.08	15.7	11.8	0.57	1360	1.72	0.02
YY13377		2.56	18.8	2.71	5.55	0.06	0.03	0.07	0.044	0.07	18.3	11.2	0.58	647	1.02	0.02
YY13378		4.09	26.8	3.50	5.72	0.08	0.04	0.12	0.211	0.09	30.2	11.8	0.53	1170	1.21	0.02
YY13379		1.58	20.0	2.66	4.02	0.05	0.06	0.05	0.043	0.07	13.9	9.1	0.53	694	0.64	0.03
YY13380		3.15	17.3	3.21	6.22	0.05	0.04	0.08	0.072	0.09	13.6	13.8	0.59	1160	1.08	0.02
YY13381		2.23	19.5	3.00	4.85	0.05	0.03	0.06	0.065	0.08	12.4	10.5	0.55	1050	0.90	0.02
YY13382		3.03	16.4	3.58	7.50	0.08	0.05	0.06	0.029	0.16	20.9	18.6	0.76	686	0.87	0.02
YY13383		3.30	13.8	4.27	7.75	0.08	0.05	0.06	0.034	0.15	13.5	21.0	0.84	1180	1.06	0.02
YY13384		3.69	17.3	4.87	7.70	0.08	0.06	0.16	0.038	0.16	19.3	18.2	0.80	959	0.82	0.02
YY13385		3.49	17.1	4.01	7.90	0.09	0.11	0.11	0.036	0.26	20.2	20.4	0.98	450	0.59	0.03
YY13386		2.60	17.6	3.83	7.27	0.08	0.11	0.10	0.035	0.17	15.8	17.9	0.86	505	0.62	0.03
YY13387		2.66	13.3	3.56	7.89	0.08	0.07	0.07	0.036	0.14	14.5	19.8	0.87	311	0.38	0.03
YY13388		2.65	18.7	3.99	8.84	0.12	0.07	0.25	0.040	0.22	35.0	24.9	0.93	1520	0.63	0.03
YY13389		3.41	9.7	3.68	8.26	0.06	0.07	0.09	0.033	0.19	16.4	20.5	0.82	517	0.89	0.02
YY13390		3.09	17.1	3.53	8.80	0.07	0.03	0.16	0.041	0.18	26.2	18.2	0.75	800	1.00	0.02
YY13391		2.66	10.7	3.41	9.25	0.06	0.09	0.02	0.028	0.27	16.5	23.3	0.89	599	0.59	0.03

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13352		0.92	13.9	480	55.9	15.4	<0.001	0.03	2.24	3.7	0.2	0.6	20.1	<0.01	0.02	3.8
YY13353		1.06	14.6	560	58.6	14.0	<0.001	0.03	2.14	4.1	0.2	0.7	19.7	<0.01	0.02	4.1
YY13354		1.03	15.3	690	65.7	16.1	<0.001	0.03	3.02	3.6	0.2	0.6	16.0	<0.01	0.04	4.1
YY13355		0.92	13.7	720	56.0	14.0	<0.001	0.04	2.30	3.4	0.2	0.6	19.2	<0.01	0.02	2.5
YY13356		1.17	16.3	590	71.0	14.6	<0.001	0.04	3.61	4.2	0.3	0.6	20.6	<0.01	0.03	5.3
YY13357		0.95	15.0	730	70.8	13.1	<0.001	0.05	3.27	3.6	0.4	0.6	19.9	<0.01	0.02	2.8
YY13358		0.99	17.1	570	96.4	13.8	<0.001	0.03	3.99	3.8	0.2	0.6	20.2	<0.01	0.02	4.5
YY13359		0.67	14.6	830	104.5	12.1	<0.001	0.05	5.06	3.8	0.3	0.6	19.9	<0.01	0.02	2.2
YY13360		0.97	15.8	560	129.0	12.0	<0.001	0.03	6.58	3.4	0.4	0.7	18.7	<0.01	0.03	5.0
YY13361		0.96	18.6	570	119.5	14.1	<0.001	0.02	5.34	4.8	0.3	0.5	19.0	<0.01	0.02	11.2
YY13362		0.68	14.8	520	179.0	9.1	<0.001	0.06	6.95	3.2	<0.2	0.4	28.7	<0.01	0.02	12.9
YY13363		1.06	7.1	200	33.3	9.4	<0.001	0.02	2.74	1.7	0.2	0.8	8.0	<0.01	0.03	4.8
YY13364		1.01	27.1	400	111.5	12.6	<0.001	0.03	5.52	4.6	0.3	0.7	16.6	<0.01	0.03	8.5
YY13365		0.83	17.1	680	487	12.4	<0.001	0.03	23.9	4.8	<0.2	1.3	23.7	<0.01	0.03	10.2
YY13366		1.11	16.0	520	180.0	10.3	<0.001	0.04	9.74	3.5	0.2	0.8	19.3	<0.01	0.02	5.4
YY13367		1.03	14.6	700	144.5	14.4	<0.001	0.08	14.90	4.2	0.3	1.1	22.7	<0.01	0.01	4.5
YY13368		0.59	16.4	880	286	19.4	<0.001	0.32	43.1	3.6	0.6	1.3	36.6	<0.01	0.05	3.4
YY13369		0.93	18.7	590	103.5	11.5	<0.001	0.04	15.50	4.4	0.4	0.6	22.4	<0.01	0.03	5.3
YY13370		0.60	15.8	670	77.1	15.3	<0.001	0.09	11.45	4.2	0.2	1.9	35.1	<0.01	0.04	4.5
YY13371		0.97	19.1	790	84.7	14.8	<0.001	0.09	5.81	5.7	0.4	0.6	42.3	<0.01	0.04	3.7
YY13372		0.79	14.4	680	70.0	13.9	<0.001	0.07	4.46	2.6	<0.2	0.6	34.1	<0.01	0.05	1.4
YY13373		0.86	14.8	400	109.0	11.5	<0.001	0.04	7.80	4.1	<0.2	0.5	25.7	<0.01	0.06	6.4
YY13374		0.86	20.9	820	95.3	12.7	<0.001	0.04	5.57	5.5	0.4	0.5	41.7	<0.01	0.03	4.4
YY13375		0.84	15.0	780	151.5	16.7	<0.001	0.05	10.60	4.0	0.2	0.6	29.0	<0.01	0.03	2.6
YY13376		0.66	16.5	860	149.0	16.7	<0.001	0.06	6.26	5.3	0.3	0.7	37.6	<0.01	0.03	2.3
YY13377		1.00	18.7	660	40.5	13.4	<0.001	0.06	1.51	5.6	<0.2	0.6	33.3	<0.01	0.02	3.2
YY13378		0.85	19.1	800	106.5	17.8	<0.001	0.05	3.90	7.7	0.6	0.7	34.2	<0.01	0.06	5.0
YY13379		0.89	17.3	530	46.9	8.3	<0.001	0.03	2.00	4.6	0.2	0.4	28.6	<0.01	0.03	4.4
YY13380		0.88	18.6	850	131.0	18.5	<0.001	0.06	4.89	5.0	<0.2	0.7	30.9	<0.01	0.03	3.7
YY13381		0.96	16.5	500	143.5	13.6	<0.001	0.04	4.31	4.6	<0.2	0.6	26.6	<0.01	0.03	3.6
YY13382		2.22	14.8	690	9.7	35.4	<0.001	0.04	0.52	7.3	0.2	0.8	41.5	<0.01	0.02	8.3
YY13383		1.92	14.1	800	10.4	32.3	<0.001	0.04	0.67	6.6	0.2	0.9	37.3	<0.01	0.02	7.8
YY13384		2.11	14.6	790	10.8	29.9	<0.001	0.03	2.06	7.8	0.2	0.9	31.6	<0.01	0.03	9.5
YY13385		2.41	14.9	710	10.6	42.8	<0.001	0.02	0.79	8.0	0.3	0.9	28.8	<0.01	0.02	12.6
YY13386		2.32	15.8	680	10.1	31.6	<0.001	0.02	1.13	7.3	0.4	0.8	35.6	<0.01	0.02	7.6
YY13387		2.24	13.1	750	10.9	25.3	<0.001	0.03	0.74	7.0	0.2	0.9	34.0	<0.01	0.01	8.2
YY13388		2.22	17.0	670	11.4	40.2	<0.001	0.03	0.50	13.7	0.4	1.0	46.5	<0.01	0.03	13.3
YY13389		1.94	11.1	430	8.4	33.5	<0.001	0.01	0.35	6.9	<0.2	1.0	22.6	<0.01	0.02	8.4
YY13390		1.59	13.1	840	9.2	33.4	<0.001	0.04	0.76	9.6	0.2	1.0	43.4	<0.01	0.01	7.7
YY13391		2.41	11.0	460	9.1	33.4	<0.001	0.01	0.33	5.9	<0.2	1.0	36.7	0.02	0.02	11.6

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Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13352		0.039	0.31	1.58	60	0.23	4.46	134	0.5
YY13353		0.047	0.30	2.38	54	0.25	5.94	123	0.8
YY13354		0.059	0.37	2.28	65	0.35	5.00	139	0.6
YY13355		0.044	0.34	2.52	47	0.29	5.33	118	0.5
YY13356		0.052	0.29	2.46	56	0.30	5.86	157	1.0
YY13357		0.051	0.27	2.13	56	0.29	5.78	166	0.7
YY13358		0.055	0.25	2.07	48	0.20	5.16	226	0.8
YY13359		0.043	0.25	3.19	49	0.17	5.99	215	0.5
YY13360		0.058	0.26	1.87	49	0.23	4.62	230	1.2
YY13361		0.061	0.23	4.60	54	0.22	10.05	269	2.3
YY13362		0.048	0.14	5.01	41	0.21	11.50	555	1.9
YY13363		0.039	0.33	0.82	68	0.19	2.45	60	1.1
YY13364		0.065	0.19	2.50	63	0.24	5.16	358	5.7
YY13365		0.071	0.23	3.43	51	0.28	11.85	566	2.9
YY13366		0.067	0.23	1.77	46	0.46	4.54	363	1.4
YY13367		0.059	0.29	4.38	46	0.41	7.59	407	1.0
YY13368		0.037	0.38	9.33	53	0.39	10.55	549	0.5
YY13369		0.063	0.23	7.83	53	0.40	10.60	442	1.0
YY13370		0.039	0.20	3.43	53	0.47	9.11	447	0.6
YY13371		0.046	0.20	9.30	55	0.92	34.0	345	1.3
YY13372		0.046	0.15	2.12	54	1.08	7.38	296	0.5
YY13373		0.074	0.15	2.52	56	1.40	5.37	355	1.7
YY13374		0.075	0.19	6.41	52	0.86	16.55	492	1.7
YY13375		0.056	0.22	2.35	55	0.54	6.59	570	0.9
YY13376		0.047	0.23	3.81	61	0.28	9.80	525	0.8
YY13377		0.076	0.19	4.11	65	1.99	12.95	140	1.2
YY13378		0.049	0.25	7.50	64	0.31	23.3	616	1.2
YY13379		0.091	0.15	2.08	62	0.24	8.39	211	2.0
YY13380		0.064	0.20	3.45	68	0.25	7.14	314	1.2
YY13381		0.086	0.17	2.47	69	2.81	5.62	218	1.0
YY13382		0.159	0.30	4.77	91	0.16	9.95	79	1.7
YY13383		0.155	0.29	3.55	102	0.15	7.90	88	1.7
YY13384		0.160	0.31	3.73	101	0.28	9.24	75	2.3
YY13385		0.212	0.40	3.49	101	0.15	9.11	90	4.2
YY13386		0.179	0.30	2.23	92	0.14	8.26	79	4.1
YY13387		0.173	0.29	1.60	105	0.15	6.07	73	2.4
YY13388		0.193	0.36	3.95	103	0.17	23.3	84	2.6
YY13389		0.167	0.29	1.18	94	0.16	7.52	80	2.1
YY13390		0.110	0.28	2.65	89	0.20	13.40	86	0.9
YY13391		0.212	0.27	1.24	90	0.19	7.16	75	2.7

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CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13392		0.46	0.004	0.18	2.20	6.5	<0.02	<10	260	0.32	0.16	0.33	0.26	34.6	11.7	27
YY13393		0.39	0.005	0.40	2.20	18.8	<0.02	<10	380	0.38	0.24	0.28	0.38	50.1	42.9	36
YY13394		0.49	0.005	0.19	2.21	14.4	<0.02	<10	240	0.43	0.22	0.34	0.19	44.1	11.4	28
YY13395		0.60	0.006	0.22	2.45	16.2	<0.02	<10	240	0.54	0.17	0.45	0.24	37.3	26.2	31
YY13396		0.49	0.006	0.24	2.14	26.1	<0.02	<10	190	0.38	0.21	0.31	0.25	30.5	8.3	27
YY13397		0.45	0.005	0.33	1.89	32.0	<0.02	<10	200	0.28	0.22	0.34	0.26	23.7	11.4	27
YY13398		0.49	0.006	0.19	1.73	25.5	<0.02	<10	150	0.21	0.14	0.34	0.24	22.7	6.3	27
YY13399		0.49	0.005	0.26	1.72	32.3	<0.02	<10	160	0.21	0.15	0.40	0.31	23.1	6.3	29
YY13400		0.51	0.007	0.54	1.99	54.5	<0.02	<10	170	0.34	0.22	0.36	0.55	26.1	6.8	32

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13392		1.65	12.5	3.01	8.55	0.06	0.04	0.04	0.026	0.14	20.6	15.4	0.72	721	0.94	0.03
YY13393		3.70	16.1	4.14	8.21	0.05	<0.02	0.13	0.042	0.09	20.1	11.8	0.45	8360	1.63	0.02
YY13394		2.91	14.1	3.59	7.48	0.07	0.04	0.09	0.033	0.11	25.7	16.8	0.66	374	0.69	0.02
YY13395		2.35	15.2	3.71	7.86	0.06	0.02	0.04	0.035	0.14	19.5	17.8	0.64	1920	1.05	0.02
YY13396		2.43	14.6	3.18	7.01	0.06	0.03	0.04	0.030	0.13	16.2	14.5	0.65	270	0.66	0.02
YY13397		2.57	11.3	3.30	6.56	0.06	0.02	0.06	0.025	0.10	13.4	11.1	0.57	725	1.68	0.02
YY13398		1.51	9.8	2.55	5.72	0.05	0.02	0.04	0.023	0.07	12.1	10.3	0.52	227	0.83	0.02
YY13399		1.32	10.4	2.49	5.83	<0.05	0.03	0.04	0.025	0.07	11.8	11.0	0.55	212	0.69	0.02
YY13400		1.34	16.8	3.19	5.92	0.05	0.04	0.06	0.032	0.07	13.0	11.8	0.55	227	0.78	0.02

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VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13392		1.88	13.2	420	9.9	25.2	<0.001	0.02	0.30	5.6	<0.2	1.6	28.4	<0.01	0.03	7.1
YY13393		0.83	13.3	1140	26.0	21.6	<0.001	0.08	0.60	5.9	0.5	0.8	27.6	<0.01	0.05	3.1
YY13394		1.94	15.6	600	18.4	23.1	<0.001	0.03	0.64	7.6	0.2	1.0	24.2	<0.01	0.02	11.8
YY13395		1.60	14.8	600	19.7	22.6	<0.001	0.03	0.69	5.7	0.3	0.8	34.6	0.01	0.02	6.7
YY13396		1.76	15.2	650	23.5	25.1	<0.001	0.02	0.81	5.9	0.3	0.8	20.5	<0.01	0.02	6.5
YY13397		1.23	12.9	910	18.1	18.8	<0.001	0.04	0.81	4.3	0.2	0.7	22.4	<0.01	0.03	2.0
YY13398		1.32	13.3	690	26.8	11.7	<0.001	0.03	0.87	3.5	<0.2	0.6	20.4	<0.01	0.02	2.8
YY13399		1.28	15.1	670	33.5	11.8	<0.001	0.03	1.28	3.9	<0.2	0.5	24.6	<0.01	0.02	3.8
YY13400		1.34	16.5	620	60.1	11.2	<0.001	0.03	2.58	4.5	0.2	0.6	22.9	<0.01	0.02	5.4

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

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 23-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174527

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13392		0.140	0.21	1.58	80	0.17	7.79	78	1.1
YY13393		0.055	0.45	4.17	83	0.17	8.42	84	<0.5
YY13394		0.107	0.29	5.01	81	0.20	11.75	82	1.4
YY13395		0.116	0.26	2.52	77	0.21	8.00	89	1.2
YY13396		0.118	0.26	2.28	73	0.20	7.39	87	1.2
YY13397		0.090	0.22	1.47	81	0.24	5.12	89	0.6
YY13398		0.091	0.17	0.95	57	0.23	4.37	84	0.8
YY13399		0.092	0.16	0.94	62	0.26	4.80	95	1.2
YY13400		0.088	0.19	1.49	69	0.18	5.09	115	2.0

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CERTIFICATE OF ANALYSIS WH20174527

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.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

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CERTIFICATE WH20174530

Project: Idaho Creek

This report is for 158 Soil samples submitted to our lab in Whitehorse, YT, Canada on 13-AUG-2020.

The following have access to data associated with this certificate:

ANDREW CARNE	ADAM COULTER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
Au-ICP21	Au 30g FA ICP-AES Finish	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

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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13401		0.59	0.004	0.02	2.62	10.7	<0.02	<10	260	0.60	0.12	0.30	0.09	37.6	12.4	35
YY13402		0.67	0.005	0.07	2.35	7.5	<0.02	<10	260	0.40	0.08	0.38	0.15	27.4	9.4	34
YY13403		0.62	0.006	0.07	2.17	7.2	<0.02	<10	340	0.44	0.09	0.42	0.18	38.8	13.1	31
YY13404		0.57	0.005	0.05	1.95	7.2	<0.02	<10	310	0.39	0.09	0.35	0.22	27.9	12.7	28
YY13405		0.47	0.005	0.13	1.87	16.8	<0.02	<10	500	0.47	0.13	0.92	0.27	42.5	12.7	29
YY13406		0.71	0.004	0.07	2.10	15.6	<0.02	<10	280	0.49	0.14	0.47	0.11	34.1	12.3	27
YY13407		0.41	0.010	0.13	1.12	4.6	<0.02	<10	680	0.40	0.09	1.32	0.67	42.2	15.6	18
YY13408		0.43	0.004	0.10	2.28	8.2	<0.02	<10	420	0.59	0.15	0.55	0.21	36.9	12.6	31
YY13409		0.39	0.004	0.13	1.94	14.0	<0.02	<10	480	0.60	0.16	0.63	0.31	49.2	17.2	25
YY13410		0.38	0.008	0.28	2.07	23.4	<0.02	<10	410	0.54	0.19	0.47	0.36	31.7	11.7	29
YY13411		0.43	0.006	0.08	2.09	28.3	<0.02	<10	430	0.52	0.32	0.57	0.13	26.0	11.9	29
YY13412		0.44	0.016	0.36	1.76	12.5	<0.02	<10	510	0.52	0.16	0.78	0.58	53.3	13.8	29
YY13413		0.46	0.010	0.39	2.18	24.0	<0.02	<10	350	0.54	0.19	0.57	0.49	42.8	12.4	30
YY13414		0.40	0.021	3.08	1.72	57.2	<0.02	<10	380	0.63	0.27	0.55	2.91	55.0	11.0	28
YY13415		0.45	0.021	1.90	1.58	45.8	<0.02	<10	300	0.47	0.20	0.91	1.95	36.0	8.8	28
YY13416		0.43	0.017	2.10	2.02	95.9	<0.02	<10	300	0.58	0.25	0.85	1.70	36.7	12.5	30
YY13417		0.42	0.008	0.38	1.28	44.4	<0.02	<10	140	0.32	0.21	0.24	1.48	26.7	10.1	25
YY13418		0.42	0.024	1.06	1.82	207	0.02	<10	240	0.51	0.28	0.95	0.92	40.6	11.9	27
YY13419		0.61	0.308	5.46	1.50	347	0.26	<10	160	0.66	0.48	0.13	0.71	32.1	7.1	23
YY13420		0.56	0.007	0.57	1.75	37.9	<0.02	<10	130	0.49	0.25	0.25	0.38	21.9	9.2	29
YY13421		0.46	0.017	1.14	2.30	72.5	<0.02	<10	120	0.59	0.18	0.18	0.73	26.5	7.9	31
YY13422		0.61	0.229	2.80	0.84	351	0.18	<10	610	1.12	0.27	0.43	3.07	51.1	21.0	15
YY13423		0.56	0.009	0.32	1.96	18.8	<0.02	<10	260	0.59	0.22	0.38	0.21	39.1	12.1	37
YY13424		0.37	NSS	0.17	0.51	4.1	<0.02	<10	60	0.09	0.13	0.07	0.24	10.20	1.7	14
YY13425		0.73	0.006	0.08	2.03	12.7	<0.02	<10	190	0.48	0.34	0.32	0.16	43.8	12.0	34
YY13426		0.69	0.004	0.07	1.99	9.4	<0.02	<10	250	0.68	0.25	0.33	0.12	44.3	8.6	27
YY13427		0.63	0.004	0.18	2.78	7.7	<0.02	<10	320	0.65	0.33	0.35	0.13	48.7	10.6	35
YY13428		0.34	0.011	0.20	1.28	3.7	<0.02	<10	550	0.65	0.13	1.04	0.48	117.0	9.7	14
YY13429		0.63	0.004	0.13	2.38	5.0	0.02	<10	300	0.47	0.20	0.42	0.13	33.9	12.3	30
YY13430		0.19	0.012	0.24	1.16	1.6	<0.02	<10	410	0.39	0.09	0.69	0.54	46.8	4.0	20
YY13431		0.63	0.008	0.05	2.47	7.7	<0.02	<10	140	0.48	0.12	0.22	0.19	25.7	11.2	29
YY13432		0.37	0.011	0.18	1.07	2.3	<0.02	<10	640	0.41	0.11	1.15	0.65	52.9	8.8	17
YY13433		0.47	0.004	0.14	2.23	6.0	<0.02	<10	550	0.59	0.22	0.78	0.52	62.9	11.6	29
YY13434		0.48	0.003	0.09	2.20	7.1	<0.02	<10	340	0.44	0.25	0.43	0.12	41.2	11.5	25
YY13435		0.61	0.003	0.14	2.39	11.3	<0.02	<10	330	0.71	0.19	0.31	0.21	82.5	10.0	26
YY13436		0.69	0.007	0.18	2.24	86.0	<0.02	<10	340	0.58	0.16	0.39	0.25	58.9	12.8	29
YY13437		0.67	0.008	0.09	1.68	21.0	0.02	<10	190	0.37	0.36	0.37	0.19	26.8	9.5	29
YY13438		0.40	0.006	0.19	2.26	19.2	<0.02	<10	300	0.50	0.18	0.38	0.12	44.2	11.0	33
YY13439		0.66	0.004	0.10	2.34	16.7	<0.02	<10	290	0.46	0.22	0.35	0.14	37.3	12.7	32
YY13440		0.35	0.015	0.39	1.24	4.7	<0.02	<10	490	0.37	0.11	0.39	0.43	30.7	8.9	25

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Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13401		2.84	26.8	3.63	7.32	0.07	0.03	0.03	0.033	0.11	17.4	15.9	0.76	558	0.79	0.02
YY13402		1.66	22.0	3.19	5.94	0.06	0.02	0.02	0.024	0.09	13.5	13.7	0.66	489	0.71	0.02
YY13403		2.14	25.0	3.52	6.50	0.07	0.03	0.04	0.025	0.14	18.6	14.2	0.72	802	1.10	0.03
YY13404		2.11	18.9	3.37	6.27	0.06	0.02	0.03	0.031	0.10	12.9	14.7	0.68	677	1.04	0.03
YY13405		2.80	25.1	3.23	6.89	0.08	0.05	0.07	0.029	0.15	24.2	15.4	0.75	1030	1.31	0.02
YY13406		3.07	16.3	4.96	7.70	0.07	0.03	0.04	0.034	0.13	17.0	14.6	0.70	443	1.27	0.02
YY13407		1.70	30.8	2.29	3.66	0.06	0.02	0.08	0.023	0.06	20.7	4.2	0.43	4150	1.37	0.02
YY13408		5.42	20.4	3.43	8.37	0.06	0.02	0.06	0.040	0.08	19.6	16.0	0.68	659	2.51	0.02
YY13409		4.61	22.8	3.92	6.96	0.07	0.02	0.06	0.039	0.10	24.9	12.4	0.66	1870	2.63	0.02
YY13410		5.50	19.0	3.20	7.23	0.05	0.02	0.09	0.032	0.07	18.9	13.1	0.53	1220	2.21	0.02
YY13411		5.91	28.2	3.40	7.93	<0.05	0.02	0.03	0.033	0.06	13.9	15.6	0.67	908	2.54	0.02
YY13412		4.84	32.8	2.54	6.18	0.08	0.03	0.09	0.031	0.10	29.3	11.8	0.55	2380	1.55	0.02
YY13413		5.75	17.1	3.46	7.30	0.07	0.03	0.07	0.036	0.14	24.4	15.4	0.66	1040	1.73	0.02
YY13414		4.04	26.4	2.74	6.14	0.06	0.03	0.15	0.030	0.07	24.1	9.9	0.45	4740	1.20	0.02
YY13415		2.94	23.2	2.17	5.76	0.06	0.04	0.08	0.031	0.08	21.2	10.8	0.49	1800	0.81	0.02
YY13416		3.39	31.6	3.16	6.88	0.06	0.02	0.14	0.035	0.09	20.8	13.9	0.59	1360	1.81	0.03
YY13417		2.28	18.2	2.75	6.54	<0.05	<0.02	0.06	0.024	0.08	12.5	9.3	0.39	818	1.54	0.02
YY13418		3.09	27.5	3.09	6.62	0.07	0.03	0.10	0.032	0.09	26.0	12.5	0.57	1280	1.54	0.02
YY13419		2.26	21.6	3.09	4.44	<0.05	0.02	0.24	0.020	0.09	16.5	7.6	0.27	1140	2.65	0.01
YY13420		2.72	17.2	3.53	8.46	<0.05	0.02	0.09	0.032	0.06	10.6	13.2	0.36	768	1.96	0.01
YY13421		2.89	16.8	2.44	6.71	<0.05	0.04	0.13	0.042	0.07	12.8	13.0	0.49	583	0.93	0.01
YY13422		11.35	28.4	5.45	3.00	0.09	0.04	0.22	0.040	0.16	29.7	5.0	0.24	5910	1.94	0.02
YY13423		3.43	28.3	3.69	7.24	0.08	0.03	0.06	0.033	0.09	22.0	13.4	0.54	505	1.25	0.02
YY13424		1.67	6.4	0.94	3.72	<0.05	<0.02	0.08	0.010	0.05	5.4	1.4	0.08	69	1.63	0.02
YY13425		2.74	22.9	3.83	6.96	0.09	0.21	0.04	0.035	0.11	21.1	15.1	0.58	247	0.30	0.02
YY13426		5.70	19.1	3.33	6.19	0.06	0.03	0.07	0.035	0.14	24.0	12.7	0.50	343	0.90	0.02
YY13427		7.36	21.4	4.43	9.73	0.08	0.03	0.06	0.046	0.23	26.7	17.0	0.72	294	1.55	0.02
YY13428		1.69	30.0	1.91	4.16	0.15	0.03	0.15	0.019	0.04	78.2	3.3	0.21	2750	2.25	0.02
YY13429		3.99	16.7	3.60	9.37	0.07	0.03	0.06	0.037	0.20	19.1	18.7	0.83	664	1.72	0.02
YY13430		1.69	41.5	0.98	4.68	0.07	0.03	0.27	0.021	0.05	33.0	4.1	0.21	500	1.15	0.02
YY13431		1.46	19.8	2.96	7.00	<0.05	0.10	0.04	0.023	0.05	10.7	13.1	0.51	397	1.05	0.02
YY13432		1.11	22.1	1.37	3.25	0.11	0.04	0.18	0.022	0.04	38.2	3.3	0.25	3500	1.68	0.02
YY13433		2.85	21.2	3.05	7.06	0.11	0.03	0.12	0.037	0.08	40.1	13.4	0.56	1560	1.46	0.02
YY13434		3.49	9.8	3.30	8.44	0.07	0.04	0.08	0.035	0.17	22.1	17.5	0.77	309	1.14	0.01
YY13435		2.93	24.6	3.83	8.56	0.12	0.04	0.09	0.037	0.15	44.0	16.8	0.77	221	1.22	0.02
YY13436		3.25	23.2	3.53	7.53	0.08	0.04	0.07	0.036	0.12	32.9	18.1	0.70	657	1.14	0.02
YY13437		1.44	19.7	2.78	5.67	0.06	0.04	0.02	0.021	0.08	13.5	13.0	0.62	436	0.75	0.02
YY13438		2.48	19.8	2.67	7.85	0.06	0.03	0.09	0.031	0.06	25.3	15.4	0.62	282	1.48	0.02
YY13439		2.51	17.1	2.86	8.41	0.06	0.04	0.03	0.032	0.10	18.7	17.2	0.71	316	0.92	0.02
YY13440		0.86	14.8	1.33	4.33	<0.05	<0.02	0.18	0.021	0.03	12.3	3.6	0.13	5630	1.21	0.02

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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13401		1.26	25.9	710	8.9	18.6	<0.001	0.02	0.62	6.8	0.2	0.6	20.7	<0.01	0.03	3.6
YY13402		1.14	20.8	970	7.4	12.4	<0.001	0.03	0.47	4.8	0.2	0.5	21.8	<0.01	0.02	2.6
YY13403		1.24	21.2	1110	7.2	17.2	<0.001	0.03	0.47	6.0	0.2	0.6	24.6	<0.01	0.02	3.5
YY13404		1.17	20.3	890	6.9	14.9	<0.001	0.04	0.52	4.4	<0.2	0.6	21.9	<0.01	0.02	2.2
YY13405		1.71	21.0	1160	9.8	23.3	0.001	0.09	0.95	9.1	0.5	0.7	55.0	<0.01	0.04	3.5
YY13406		1.90	15.2	1200	10.0	21.6	0.001	0.05	0.90	6.1	<0.2	0.8	21.9	<0.01	0.01	5.4
YY13407		0.82	12.5	2000	3.9	10.4	<0.001	0.23	0.70	4.3	0.8	0.4	71.9	<0.01	0.05	1.2
YY13408		1.25	20.2	1020	11.3	17.8	<0.001	0.09	1.21	7.3	0.3	0.8	33.1	0.34	0.02	2.2
YY13409		1.18	17.2	1230	10.8	16.6	<0.001	0.07	1.69	8.8	0.3	0.7	36.6	<0.01	0.03	2.8
YY13410		0.93	18.0	1000	29.2	16.3	<0.001	0.06	3.04	5.3	0.4	0.6	33.1	<0.01	0.02	1.3
YY13411		0.82	18.0	1190	16.3	13.5	<0.001	0.08	2.84	4.1	<0.2	0.7	34.9	<0.01	0.04	0.9
YY13412		1.00	18.1	1340	13.7	19.6	<0.001	0.14	2.49	6.5	0.7	0.6	46.6	<0.01	0.06	1.5
YY13413		1.30	18.4	900	26.9	29.5	<0.001	0.05	2.96	9.4	0.4	0.7	34.5	<0.01	0.02	5.5
YY13414		0.69	18.6	1240	84.7	18.8	0.001	0.12	12.30	5.2	0.5	0.6	35.2	<0.01	0.04	2.1
YY13415		0.88	17.3	1040	72.1	19.4	<0.001	0.12	5.02	5.1	0.4	0.6	49.8	<0.01	0.02	2.2
YY13416		1.03	23.4	1120	91.2	20.3	0.001	0.11	5.04	5.1	0.5	0.6	53.4	<0.01	0.05	1.3
YY13417		1.08	16.0	800	45.3	14.3	<0.001	0.06	3.14	2.9	0.4	0.6	18.9	<0.01	0.03	1.3
YY13418		1.29	20.7	840	87.9	17.1	<0.001	0.09	7.44	4.9	0.2	0.6	48.0	<0.01	0.04	2.5
YY13419		0.70	14.0	520	123.5	9.5	<0.001	0.09	37.6	3.4	0.2	0.7	12.9	<0.01	0.12	5.2
YY13420		1.44	16.5	570	21.0	10.9	<0.001	0.05	3.14	3.3	0.4	0.7	19.5	<0.01	0.05	2.3
YY13421		1.09	18.5	680	30.6	8.9	<0.001	0.04	6.96	3.9	0.4	0.6	15.7	<0.01	0.02	1.9
YY13422		0.31	15.9	1000	111.5	14.3	<0.001	0.08	53.1	13.0	0.5	0.4	23.9	<0.01	0.04	11.0
YY13423		1.45	22.3	780	15.8	20.5	<0.001	0.03	2.54	9.2	<0.2	0.9	26.4	0.01	0.02	4.8
YY13424		0.56	5.5	640	5.0	5.8	<0.001	0.07	0.56	1.2	<0.2	0.6	9.4	<0.01	0.04	<0.2
YY13425		1.48	17.9	580	10.6	21.9	<0.001	0.01	1.04	9.8	<0.2	0.9	21.1	<0.01	0.05	10.6
YY13426		1.15	15.9	770	10.9	20.9	<0.001	0.02	1.15	8.6	0.4	0.7	20.4	<0.01	0.03	8.1
YY13427		1.86	17.0	1160	11.2	35.4	<0.001	0.05	0.75	11.2	0.6	1.1	20.0	<0.01	0.04	9.1
YY13428		0.53	12.5	1840	5.3	9.9	<0.001	0.22	0.66	2.7	0.8	0.3	74.2	0.01	0.04	0.5
YY13429		1.90	17.5	960	9.7	30.0	<0.001	0.06	0.51	8.3	0.2	1.1	25.0	<0.01	0.01	4.8
YY13430		0.79	8.8	1390	4.9	9.1	0.001	0.30	0.65	3.5	0.6	0.5	47.6	<0.01	0.02	0.5
YY13431		1.87	23.4	450	6.9	8.7	0.001	0.02	0.54	4.3	0.2	0.6	16.3	0.02	0.02	3.8
YY13432		0.61	10.7	1870	4.1	7.2	<0.001	0.23	0.47	2.3	0.9	0.3	77.7	0.01	0.04	0.6
YY13433		1.27	18.6	1080	8.8	17.7	<0.001	0.10	0.47	5.5	0.6	0.6	51.2	<0.01	0.04	1.5
YY13434		2.05	13.8	980	12.3	25.0	<0.001	0.03	0.89	6.8	0.2	1.0	21.7	<0.01	0.02	8.0
YY13435		2.23	13.0	950	12.4	25.2	0.001	0.05	1.51	10.3	0.3	1.0	15.5	<0.01	0.02	9.3
YY13436		1.38	21.0	990	12.8	19.8	<0.001	0.02	2.11	9.0	<0.2	0.7	24.2	<0.01	0.03	7.1
YY13437		1.40	21.0	530	8.3	11.5	<0.001	0.02	1.11	4.4	<0.2	0.5	22.7	<0.01	0.03	3.8
YY13438		1.41	20.3	960	13.4	11.8	<0.001	0.09	2.66	5.8	0.4	0.7	28.4	<0.01	0.01	2.2
YY13439		1.93	18.9	800	12.7	16.5	<0.001	0.02	1.95	6.3	0.2	0.8	19.8	<0.01	0.02	7.1
YY13440		0.44	8.3	1970	7.5	3.7	<0.001	0.24	1.21	2.0	0.5	0.4	29.2	<0.01	0.03	0.4

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13401		0.118	0.21	1.48	78	0.33	10.15	66	1.1
YY13402		0.120	0.18	1.45	74	0.21	7.54	69	1.0
YY13403		0.138	0.20	1.76	83	1.48	10.70	68	1.1
YY13404		0.121	0.20	1.30	80	1.36	6.11	75	0.8
YY13405		0.121	0.29	3.82	74	0.34	17.70	74	1.7
YY13406		0.116	0.27	2.26	89	0.82	7.29	63	1.4
YY13407		0.048	0.22	4.48	44	0.17	16.00	54	0.7
YY13408		0.061	0.37	3.24	80	0.41	10.80	65	0.8
YY13409		0.068	0.39	3.98	79	0.38	16.30	76	0.9
YY13410		0.041	0.32	2.25	68	0.43	10.45	90	0.5
YY13411		0.044	0.34	2.01	75	0.45	8.38	88	0.6
YY13412		0.062	0.35	5.58	68	0.37	25.4	86	0.9
YY13413		0.085	0.38	5.42	80	0.46	15.80	121	1.2
YY13414		0.042	0.49	6.38	57	0.32	16.70	149	0.7
YY13415		0.051	0.33	5.07	51	0.26	14.25	143	1.3
YY13416		0.057	0.26	5.18	66	0.31	15.35	163	0.8
YY13417		0.081	0.17	1.36	69	0.45	4.65	97	0.7
YY13418		0.074	0.26	3.80	67	0.46	16.10	136	1.2
YY13419		0.033	0.30	3.35	47	0.62	6.21	181	0.7
YY13420		0.079	0.14	1.04	75	0.38	4.31	66	1.0
YY13421		0.056	0.22	2.26	52	0.26	4.93	150	1.2
YY13422		0.019	1.09	6.42	42	0.72	29.9	760	2.8
YY13423		0.100	0.21	5.39	77	0.40	18.55	58	1.5
YY13424		0.038	0.11	1.31	30	0.17	1.86	18	<0.5
YY13425		0.141	0.23	3.47	80	0.27	12.75	58	9.8
YY13426		0.066	0.22	2.97	68	0.44	13.90	55	1.4
YY13427		0.113	0.36	4.14	97	0.43	13.00	69	1.4
YY13428		0.026	0.22	5.38	32	0.16	47.4	30	0.7
YY13429		0.138	0.35	2.18	86	0.30	9.41	63	1.3
YY13430		0.031	0.23	5.70	26	0.13	20.6	18	0.7
YY13431		0.118	0.13	0.71	72	0.32	4.54	49	4.2
YY13432		0.031	0.20	4.45	26	0.10	27.1	38	1.1
YY13433		0.066	0.30	4.33	68	0.26	23.1	62	0.9
YY13434		0.124	0.33	1.80	78	0.40	9.07	69	2.1
YY13435		0.121	0.32	5.12	87	0.39	23.6	62	1.5
YY13436		0.107	0.20	3.19	74	0.34	16.90	73	1.6
YY13437		0.125	0.15	1.51	68	0.31	5.99	55	1.9
YY13438		0.090	0.25	3.46	71	0.38	12.90	58	1.2
YY13439		0.146	0.28	2.10	82	0.33	9.04	55	2.4
YY13440		0.022	0.30	3.96	21	0.13	7.25	20	<0.5

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Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13441		0.45	0.003	0.06	2.08	13.2	<0.02	<10	250	0.44	0.18	0.36	0.11	30.0	11.6	29
YY13442		0.56	0.002	0.07	2.42	12.5	<0.02	<10	310	0.77	0.20	0.32	0.15	26.0	13.9	33
YY13443		0.74	0.003	0.05	2.09	10.4	<0.02	<10	160	0.43	0.21	0.30	0.13	27.7	9.6	28
YY13444		0.50	0.016	1.75	1.56	47.5	<0.02	<10	170	0.33	0.19	0.28	0.48	29.3	6.7	24
YY13445		0.75	0.007	0.51	1.28	27.9	<0.02	<10	150	0.37	0.14	0.30	0.56	28.5	8.9	25
YY13446		0.36	0.014	1.42	1.77	41.5	<0.02	<10	200	0.36	0.24	0.26	0.71	30.5	6.7	28
YY13447		0.43	0.010	0.92	1.73	20.0	<0.02	<10	210	0.35	0.22	0.20	0.76	31.0	20.2	27
YY13448		0.52	0.011	0.92	1.68	28.4	<0.02	<10	180	0.38	0.22	0.26	0.68	31.2	9.0	27
YY13449		0.49	0.010	1.34	1.74	26.6	<0.02	<10	190	0.35	0.22	0.28	0.44	29.4	10.0	27
YY13450		0.39	0.010	0.80	2.41	37.4	<0.02	<10	280	0.73	0.27	0.29	1.16	40.1	11.5	34
YY13001		0.43	0.017	0.79	1.55	18.5	<0.02	<10	320	0.33	0.23	0.40	1.39	31.1	7.6	24
YY13002		0.41	0.009	0.69	1.60	27.6	<0.02	<10	240	0.40	0.18	0.42	1.45	37.6	9.5	24
YY13003		0.49	0.011	1.39	1.89	39.2	<0.02	<10	300	0.46	0.23	0.40	1.79	33.0	11.7	29
YY13004		0.37	0.021	1.69	1.89	47.2	<0.02	<10	350	0.61	0.23	0.50	4.75	44.5	15.9	27
YY13005		0.39	0.020	2.14	1.72	69.8	<0.02	<10	300	0.92	0.19	0.33	9.28	60.2	29.5	27
YY13006		0.48	0.018	1.48	1.93	60.1	<0.02	<10	260	0.60	0.24	0.27	3.68	47.5	24.9	31
YY13007		0.50	0.014	1.32	1.64	25.4	<0.02	<10	160	0.32	0.19	0.31	1.26	30.1	6.4	28
YY13008		0.58	0.015	1.23	1.82	43.0	<0.02	<10	190	0.49	0.19	0.28	1.49	36.9	6.9	32
YY13009		0.41	0.012	1.23	1.52	138.5	<0.02	<10	150	0.34	0.18	0.26	0.98	32.0	9.1	26
YY13010		0.35	0.011	1.55	1.54	47.6	<0.02	<10	160	0.29	0.19	0.28	0.77	25.8	11.9	27
YY13011		0.54	0.010	1.32	1.62	27.4	<0.02	<10	150	0.33	0.19	0.27	0.60	28.0	9.6	28
YY13012		0.47	0.011	1.38	1.47	42.4	<0.02	<10	150	0.31	0.20	0.30	0.73	26.0	8.2	27
YY13013		0.26	0.011	1.83	1.44	21.1	<0.02	<10	160	0.26	0.20	0.29	0.83	24.4	6.9	27
YY13014		0.49	0.011	1.81	1.60	34.1	<0.02	<10	200	0.36	0.21	0.37	1.01	30.9	12.2	27
YY13015		0.31	0.031	5.05	0.87	112.0	0.02	<10	170	0.25	0.21	0.30	0.94	19.55	12.3	20
YY13016		0.37	0.012	1.52	1.19	68.8	<0.02	<10	160	0.19	0.25	0.29	1.01	22.2	11.9	22
YY13017		0.36	0.024	2.63	1.45	87.8	<0.02	<10	180	0.27	0.22	0.26	0.76	23.9	12.8	27
YY13018		0.44	0.021	1.89	1.54	93.3	<0.02	<10	180	0.41	0.24	0.34	0.64	33.6	9.4	29
YY13019		0.42	0.018	2.18	1.52	166.5	<0.02	<10	220	0.38	0.24	0.34	1.36	30.5	10.7	27
YY13020		0.38	0.022	3.29	1.91	47.5	0.02	<10	280	0.53	0.27	0.31	1.01	42.9	7.2	31
YY13021		0.35	0.037	4.92	1.55	136.0	0.03	<10	310	0.46	0.28	0.28	3.53	46.8	17.1	26
YY13022		0.45	0.032	4.32	1.98	161.5	0.03	<10	310	0.64	0.35	0.34	1.21	39.6	11.7	31
YY13023		0.42	0.035	5.86	1.90	182.0	0.03	<10	280	0.59	0.40	0.33	1.61	31.9	13.3	32
YY13024		0.47	0.033	2.69	1.52	154.5	0.03	<10	250	0.46	0.41	0.32	1.06	30.5	10.3	29
YY13025		0.43	0.013	1.96	1.46	59.4	<0.02	<10	340	0.58	0.29	0.47	1.13	34.5	10.3	29
YY13026		0.55	0.009	1.62	1.29	49.5	<0.02	<10	290	0.53	0.24	0.44	0.68	43.1	10.3	25
YY13027		0.54	0.005	1.00	1.69	24.5	<0.02	<10	170	0.39	0.16	0.22	0.41	17.40	7.1	26
YY13028		0.51	0.010	2.07	1.55	44.3	<0.02	<10	180	0.30	0.46	0.33	0.13	23.5	4.9	26
YY13029		0.64	0.021	2.69	1.82	119.5	<0.02	<10	200	0.70	0.37	0.27	0.31	41.2	9.7	29
YY13030		0.52	0.040	13.65	1.67	146.5	0.03	<10	300	0.72	0.23	0.22	1.35	32.3	9.4	29

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13441		2.69	13.9	3.38	7.91	0.05	0.02	0.03	0.027	0.11	15.5	15.2	0.66	427	1.18	0.02
YY13442		2.56	23.9	3.69	9.77	<0.05	<0.02	0.02	0.028	0.06	13.5	13.6	0.52	2180	2.32	0.02
YY13443		2.82	14.4	3.21	7.69	0.06	0.02	0.03	0.029	0.11	14.6	14.3	0.61	242	0.83	0.02
YY13444		3.19	11.2	2.33	5.53	0.06	0.04	0.10	0.024	0.08	15.7	10.0	0.45	234	4.78	0.02
YY13445		2.32	13.2	2.54	4.97	0.06	0.08	0.04	0.024	0.11	15.1	10.6	0.44	498	3.51	0.02
YY13446		2.80	14.5	2.44	6.56	0.05	0.02	0.11	0.029	0.07	15.2	10.6	0.41	513	3.78	0.02
YY13447		2.74	11.9	2.35	6.72	<0.05	0.02	0.09	0.029	0.06	14.3	10.1	0.42	2330	3.54	0.02
YY13448		2.63	14.2	2.33	6.20	<0.05	0.02	0.09	0.025	0.07	16.0	10.1	0.43	496	2.72	0.02
YY13449		2.99	11.5	2.32	6.32	<0.05	0.02	0.08	0.026	0.06	15.7	10.8	0.46	461	2.87	0.02
YY13450		2.42	21.7	3.09	8.49	<0.05	0.02	0.07	0.044	0.08	21.0	17.9	0.56	523	1.08	0.02
YY13001		2.07	14.7	2.08	6.32	0.05	0.02	0.06	0.027	0.06	17.2	11.5	0.47	298	0.90	0.02
YY13002		1.82	14.2	2.26	6.00	<0.05	0.03	0.08	0.033	0.07	19.4	11.9	0.49	300	0.88	0.02
YY13003		2.40	19.3	2.51	7.18	<0.05	0.02	0.10	0.037	0.07	16.8	12.5	0.45	706	1.04	0.02
YY13004		1.87	29.3	2.52	6.34	0.05	0.02	0.11	0.048	0.06	22.0	11.6	0.41	1510	1.32	0.02
YY13005		1.80	29.3	3.00	5.90	0.05	0.03	0.11	0.048	0.06	26.6	8.0	0.32	4370	2.00	0.02
YY13006		2.14	21.5	2.62	7.01	<0.05	0.02	0.06	0.049	0.07	18.6	10.9	0.43	5420	1.38	0.02
YY13007		1.76	13.6	1.80	6.07	<0.05	0.02	0.08	0.033	0.06	15.6	10.6	0.42	298	0.58	0.02
YY13008		1.81	20.1	2.24	6.05	0.05	0.08	0.07	0.038	0.07	18.9	11.2	0.47	161	0.48	0.02
YY13009		1.72	10.3	3.37	5.60	<0.05	0.02	0.08	0.024	0.06	15.7	9.1	0.39	638	1.81	0.02
YY13010		2.05	10.3	2.09	5.71	<0.05	<0.02	0.09	0.023	0.05	13.4	9.4	0.41	1020	1.65	0.02
YY13011		2.33	11.2	1.97	6.07	<0.05	0.02	0.07	0.026	0.05	14.1	10.6	0.43	366	1.55	0.02
YY13012		2.15	10.8	1.94	5.97	<0.05	<0.02	0.07	0.025	0.05	14.2	10.0	0.39	682	1.77	0.02
YY13013		2.29	10.0	1.76	5.57	<0.05	0.02	0.09	0.021	0.07	13.2	8.5	0.38	635	1.83	0.02
YY13014		2.61	11.0	2.29	5.98	<0.05	0.02	0.09	0.026	0.06	16.5	10.4	0.46	747	2.39	0.02
YY13015		1.80	12.7	2.73	3.90	<0.05	<0.02	0.21	0.018	0.04	11.5	3.8	0.18	1340	22.1	0.02
YY13016		2.86	8.2	1.88	5.33	<0.05	<0.02	0.11	0.019	0.05	11.0	6.8	0.33	1340	7.60	0.02
YY13017		3.56	11.1	2.17	5.44	<0.05	<0.02	0.13	0.027	0.05	11.8	8.5	0.36	536	6.92	0.02
YY13018		3.20	15.2	2.27	5.61	<0.05	0.02	0.10	0.024	0.05	17.6	9.9	0.44	351	7.30	0.02
YY13019		2.37	16.2	4.82	5.74	0.05	0.02	0.12	0.033	0.04	17.8	9.2	0.38	711	17.35	0.02
YY13020		3.68	22.1	1.82	6.36	0.05	0.03	0.11	0.041	0.05	24.0	11.9	0.47	196	9.12	0.02
YY13021		3.77	20.8	2.13	5.87	<0.05	0.02	0.14	0.042	0.05	16.4	8.7	0.37	4510	10.80	0.02
YY13022		4.86	24.5	2.84	6.84	0.06	<0.02	0.15	0.048	0.07	25.0	12.2	0.50	638	18.40	0.02
YY13023		4.81	26.9	2.96	7.31	<0.05	<0.02	0.20	0.055	0.08	17.2	12.0	0.46	2170	15.75	0.02
YY13024		4.27	27.0	2.85	6.51	<0.05	0.02	0.10	0.044	0.10	16.9	10.4	0.41	1420	18.80	0.02
YY13025		3.42	46.2	2.49	5.71	0.06	0.02	0.13	0.028	0.07	20.3	9.6	0.44	1660	19.15	0.02
YY13026		3.09	42.3	2.32	4.70	0.05	0.03	0.07	0.024	0.07	22.5	8.8	0.41	1850	17.80	0.02
YY13027		1.67	15.9	2.68	4.54	<0.05	0.02	0.08	0.019	0.06	8.3	9.1	0.36	812	4.83	0.02
YY13028		2.79	28.3	2.09	4.97	<0.05	0.02	0.21	0.022	0.08	13.8	7.1	0.43	264	20.4	0.02
YY13029		3.16	65.4	2.76	4.89	0.05	0.02	0.22	0.029	0.07	22.0	9.9	0.40	2500	50.4	0.02
YY13030		4.77	35.9	3.07	5.20	0.06	<0.02	0.28	0.028	0.11	18.6	10.2	0.35	2080	25.1	0.02

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13441		1.58	16.1	1050	11.6	16.6	<0.001	0.04	1.59	4.7	0.2	0.7	21.3	<0.01	0.02	4.1
YY13442		0.49	19.1	1740	12.0	13.5	0.001	0.13	0.99	1.2	0.5	0.7	27.2	<0.01	0.06	0.3
YY13443		1.48	16.1	950	9.6	18.4	<0.001	0.02	0.63	4.3	<0.2	0.7	16.3	<0.01	0.03	3.6
YY13444		1.56	14.2	650	56.0	18.5	<0.001	0.02	6.65	4.3	0.2	0.7	18.3	<0.01	0.02	6.4
YY13445		1.27	14.9	740	28.4	19.9	<0.001	0.01	4.19	3.9	0.3	0.7	18.5	<0.01	0.01	8.0
YY13446		1.24	14.9	720	39.5	15.5	<0.001	0.05	3.91	4.5	0.3	0.7	19.8	<0.01	0.02	2.6
YY13447		1.04	15.1	620	37.1	15.9	<0.001	0.04	2.49	4.3	0.3	0.7	19.1	<0.01	0.01	2.0
YY13448		1.18	15.3	660	35.1	16.6	0.001	0.03	2.78	4.4	0.3	0.6	19.6	<0.01	0.03	2.5
YY13449		1.14	16.0	670	43.7	15.2	<0.001	0.04	2.77	4.2	<0.2	0.6	22.2	<0.01	0.02	2.4
YY13450		1.43	21.2	490	60.5	21.6	<0.001	0.03	1.51	4.9	0.6	0.9	26.7	<0.01	0.04	3.5
YY13001		1.30	15.3	760	34.9	15.3	<0.001	0.06	1.07	4.1	0.5	0.7	34.6	<0.01	0.02	2.4
YY13002		1.35	17.1	650	48.5	16.6	<0.001	0.04	1.40	5.2	0.3	0.7	33.7	<0.01	0.03	3.9
YY13003		1.05	16.8	690	80.8	18.3	<0.001	0.05	1.74	5.1	0.3	0.8	32.3	<0.01	0.03	3.3
YY13004		0.89	19.7	850	108.5	17.0	<0.001	0.08	1.99	5.2	0.5	0.7	39.4	<0.01	0.02	2.5
YY13005		0.73	18.1	1210	116.0	14.6	<0.001	0.08	2.64	5.4	0.7	0.6	27.8	<0.01	0.04	2.3
YY13006		0.81	17.1	780	142.5	18.9	<0.001	0.05	3.06	5.0	0.3	0.7	22.7	<0.01	0.01	3.2
YY13007		1.11	15.2	500	90.1	13.3	<0.001	0.03	2.32	4.6	<0.2	0.7	22.6	<0.01	0.01	3.8
YY13008		1.30	17.2	530	99.2	14.3	<0.001	0.01	3.09	6.3	0.2	0.7	20.1	<0.01	0.02	7.8
YY13009		1.07	14.2	860	113.0	13.9	<0.001	0.03	3.42	3.8	<0.2	0.6	18.6	<0.01	0.02	3.1
YY13010		0.75	14.1	620	68.6	13.0	<0.001	0.04	2.56	3.7	<0.2	0.6	22.2	<0.01	0.01	1.4
YY13011		0.88	15.2	550	62.4	15.9	<0.001	0.03	2.83	4.1	0.4	0.6	21.7	<0.01	0.01	1.6
YY13012		0.83	14.4	600	57.3	15.2	<0.001	0.03	3.01	3.9	0.3	0.6	24.9	<0.01	0.02	1.6
YY13013		0.90	13.6	630	50.8	15.5	<0.001	0.04	2.92	3.8	0.4	0.6	23.9	<0.01	<0.01	1.5
YY13014		1.18	16.8	670	69.1	17.8	<0.001	0.03	3.46	4.7	0.3	0.7	28.9	<0.01	0.03	3.1
YY13015		0.58	8.3	1320	135.0	6.9	<0.001	0.15	7.04	2.4	0.5	0.4	23.6	<0.01	0.03	0.7
YY13016		0.83	11.0	620	103.5	9.6	<0.001	0.06	4.33	3.1	0.3	0.6	21.7	<0.01	0.01	1.3
YY13017		0.77	13.0	660	131.0	13.0	<0.001	0.06	5.13	3.6	0.4	0.6	21.8	<0.01	0.02	1.3
YY13018		0.96	15.8	620	119.0	11.0	<0.001	0.04	5.90	4.4	0.4	0.6	24.6	<0.01	0.03	3.2
YY13019		0.95	13.6	830	134.0	8.3	<0.001	0.11	4.63	4.3	0.3	0.7	24.9	<0.01	0.04	2.1
YY13020		0.89	16.9	680	168.0	12.3	0.001	0.09	4.69	4.6	0.4	0.9	23.4	<0.01	0.01	2.1
YY13021		0.65	14.7	780	256	10.9	<0.001	0.08	9.93	4.0	0.3	1.0	22.5	<0.01	0.03	2.5
YY13022		0.94	19.9	700	244	17.1	<0.001	0.08	9.53	5.0	0.3	1.1	25.6	<0.01	0.02	3.5
YY13023		0.70	19.5	800	250	17.2	0.001	0.06	11.75	3.9	0.4	1.2	30.3	<0.01	0.03	2.4
YY13024		0.82	16.6	680	239	18.9	<0.001	0.08	18.40	3.4	0.2	1.0	30.0	<0.01	0.04	2.7
YY13025		0.77	18.3	790	38.0	14.8	<0.001	0.08	8.42	4.6	0.3	0.5	36.5	<0.01	0.03	2.3
YY13026		0.89	17.4	640	41.2	12.4	0.001	0.04	8.06	5.1	0.2	0.5	31.6	<0.01	0.03	4.6
YY13027		0.93	13.4	540	57.3	7.4	<0.001	0.04	4.31	2.3	0.4	0.4	13.7	<0.01	0.03	1.8
YY13028		1.01	12.0	640	51.2	12.1	<0.001	0.05	8.80	3.7	0.2	0.4	19.2	<0.01	0.02	4.5
YY13029		0.79	12.6	700	52.7	9.6	0.001	0.07	12.70	4.0	0.5	0.5	17.4	<0.01	0.02	5.9
YY13030		0.72	14.7	830	216	13.6	<0.001	0.11	28.2	3.6	0.3	0.5	19.8	<0.01	0.04	2.3

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Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13441		0.115	0.25	1.56	77	0.46	7.33	58	1.0
YY13442		0.037	0.25	1.91	84	0.43	7.25	61	<0.5
YY13443		0.122	0.26	1.29	76	0.38	6.34	58	1.0
YY13444		0.097	0.32	1.90	56	0.54	6.29	121	2.1
YY13445		0.115	0.36	2.51	66	5.41	7.12	92	3.7
YY13446		0.081	0.26	2.93	61	0.49	6.49	85	0.9
YY13447		0.076	0.32	2.51	52	0.46	5.44	97	0.5
YY13448		0.077	0.26	2.60	58	0.52	6.62	91	0.8
YY13449		0.073	0.27	2.21	53	0.44	5.70	104	0.7
YY13450		0.081	0.25	4.48	73	0.26	7.57	141	0.8
YY13001		0.077	0.18	3.40	42	0.29	7.16	109	0.8
YY13002		0.080	0.20	3.61	50	0.27	9.18	147	1.1
YY13003		0.057	0.21	4.23	57	0.21	8.48	186	0.6
YY13004		0.044	0.24	7.22	53	0.31	12.60	259	0.7
YY13005		0.045	0.22	8.95	49	0.24	15.85	224	0.7
YY13006		0.056	0.31	4.56	53	0.20	8.21	227	0.5
YY13007		0.070	0.19	2.20	45	0.37	6.34	151	0.9
YY13008		0.091	0.20	2.61	58	0.25	9.64	168	3.5
YY13009		0.063	0.19	2.60	97	0.25	6.29	139	0.8
YY13010		0.055	0.24	3.95	50	0.26	5.28	122	<0.5
YY13011		0.061	0.26	4.14	51	0.29	5.44	114	0.5
YY13012		0.059	0.21	4.09	50	0.27	5.71	102	0.5
YY13013		0.070	0.23	2.26	40	0.37	5.21	103	0.6
YY13014		0.073	0.24	2.31	53	0.80	7.53	144	1.0
YY13015		0.033	0.30	3.28	69	0.37	5.88	53	0.5
YY13016		0.062	0.29	1.59	50	0.34	3.49	101	0.6
YY13017		0.048	0.47	2.50	45	0.46	4.32	124	0.5
YY13018		0.068	0.26	3.37	55	0.36	7.16	145	0.9
YY13019		0.047	0.28	3.97	57	0.42	9.54	165	0.9
YY13020		0.051	0.33	5.52	52	0.45	12.95	209	0.8
YY13021		0.044	0.42	4.34	42	0.51	6.78	206	0.6
YY13022		0.048	0.34	4.92	63	0.69	12.55	297	0.8
YY13023		0.046	0.32	3.66	60	1.07	5.93	293	0.5
YY13024		0.057	0.30	2.15	58	1.03	4.78	170	0.7
YY13025		0.066	0.21	3.81	56	0.46	11.80	122	1.1
YY13026		0.076	0.26	3.76	53	1.22	11.00	94	1.4
YY13027		0.082	0.11	1.07	65	0.23	3.05	81	0.8
YY13028		0.059	0.23	2.33	48	0.30	4.84	78	1.0
YY13029		0.046	0.31	5.56	48	0.44	10.40	69	0.9
YY13030		0.047	0.31	7.52	57	0.41	8.94	188	0.5

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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13031		0.53	0.012	0.92	2.14	98.2	<0.02	<10	270	0.95	0.34	0.53	0.43	37.6	11.7	36
YY13032		0.47	0.008	0.12	2.26	16.5	<0.02	<10	150	0.56	0.18	0.23	0.21	22.5	11.5	36
YY13033		0.43	0.005	0.14	2.30	13.6	<0.02	<10	110	0.50	0.17	0.20	0.19	19.65	9.5	34
YY13035		0.45	0.004	0.06	2.12	12.5	<0.02	<10	90	0.45	0.22	0.14	0.14	21.6	9.1	34
YY13036		0.46	0.006	0.04	2.43	9.4	<0.02	<10	140	0.51	0.13	0.21	0.14	35.8	12.6	33
YY13037		0.41	0.004	0.19	1.69	8.5	<0.02	<10	250	0.67	0.64	0.46	0.57	51.6	10.5	23
YY13038		0.64	0.004	0.08	1.64	7.7	<0.02	<10	310	0.48	0.17	0.53	0.18	39.8	10.9	27
YY13039		0.41	0.004	0.14	1.98	8.4	<0.02	<10	540	0.64	0.28	0.93	0.29	42.7	12.5	27
YY13040		0.62	0.006	0.09	2.21	8.7	<0.02	<10	310	0.54	0.47	0.49	0.17	45.0	14.1	37
YY13041		0.34	0.006	0.25	1.93	6.2	<0.02	<10	380	0.54	0.16	1.21	0.50	58.3	10.2	26
YY13042		0.64	0.005	0.09	1.73	22.3	<0.02	<10	350	0.58	0.18	0.61	0.21	36.8	12.8	38
YY13043		0.45	0.004	0.27	2.03	20.9	<0.02	<10	350	0.52	0.19	0.42	0.54	42.6	13.6	26
YY13044		0.50	0.005	0.18	2.50	10.5	<0.02	<10	310	0.66	0.27	0.34	0.34	49.4	13.2	29
YY13045		0.77	0.008	0.78	2.02	124.0	<0.02	<10	270	0.58	0.27	0.42	1.73	39.3	10.4	29
YY13046		0.46	0.007	0.49	1.64	148.0	<0.02	<10	280	0.59	0.24	0.41	0.84	38.1	17.8	22
YY13047		0.53	0.036	3.78	1.54	94.7	0.03	<10	210	0.54	0.33	0.43	1.60	35.1	9.0	25
YY13048		0.48	0.085	5.85	1.56	210	0.07	<10	200	0.64	0.30	0.76	2.38	31.6	9.5	28
YY13049		0.43	0.016	4.37	1.40	80.7	<0.02	<10	220	0.51	0.18	1.38	3.50	23.2	7.9	24
YY13050		0.43	0.014	1.76	1.62	87.8	<0.02	<10	320	0.44	0.21	0.63	1.21	27.4	7.2	25
YY13101		0.46	0.014	1.23	1.50	98.7	0.02	<10	220	0.45	0.16	1.03	1.70	28.0	10.9	24
YY13102		0.40	0.025	2.17	1.35	106.5	0.02	<10	250	0.53	0.16	1.01	3.53	29.3	8.4	26
YY13103		0.52	0.006	0.15	2.20	12.4	<0.02	<10	100	0.49	0.13	0.33	0.36	21.6	12.0	34
YY13104		0.54	0.004	0.36	2.22	14.0	0.03	<10	120	0.51	0.39	0.24	0.64	20.6	8.9	30
YY13105		0.68	0.016	10.35	1.79	493	<0.02	<10	270	0.61	0.19	0.47	5.14	39.8	9.2	33
YY13106		0.59	0.005	0.29	2.01	20.0	<0.02	<10	200	0.62	0.28	0.31	0.24	51.0	8.9	30
YY13107		0.72	0.007	0.74	1.97	58.1	<0.02	<10	230	0.47	0.40	0.31	0.69	33.8	8.8	31
YY13108		0.67	0.006	0.10	2.25	7.1	<0.02	<10	200	0.43	0.27	0.36	0.15	34.4	9.5	32
YY13109		0.48	0.005	0.10	2.06	8.0	<0.02	<10	180	0.33	0.21	0.38	0.11	25.2	8.8	28
YY13110		0.55	0.003	0.05	2.44	11.1	<0.02	<10	240	0.48	0.23	0.35	0.13	35.9	11.4	30
YY13111		0.36	0.005	0.23	1.09	33.1	<0.02	<10	240	0.33	0.17	0.28	0.26	29.7	10.5	18
YY13112		0.37	0.006	0.16	1.73	5.6	<0.02	<10	400	0.43	0.17	0.38	0.23	37.7	15.4	28
YY13113		0.69	0.005	0.06	2.53	15.3	<0.02	<10	310	0.52	0.20	0.32	0.14	43.3	11.4	30
YY13114		0.44	0.004	0.09	1.68	52.2	<0.02	<10	460	0.57	0.13	0.44	0.14	41.8	16.9	17
YY13115		0.39	0.008	0.17	1.69	29.0	<0.02	<10	300	0.52	0.18	0.27	0.35	36.2	6.1	24
YY13116		0.65	0.006	0.37	2.48	60.7	<0.02	<10	330	0.59	0.19	0.33	0.14	39.4	12.5	30
YY13117		0.40	0.008	0.60	1.08	13.4	<0.02	<10	580	0.63	0.07	1.45	1.52	118.5	5.2	14
YY13118		0.52	0.005	0.09	2.06	8.0	<0.02	<10	290	0.52	0.16	0.41	0.20	41.0	11.0	30
YY13119		0.54	0.004	0.08	1.69	12.1	<0.02	<10	230	0.33	0.15	0.47	0.15	23.7	9.9	26
YY13120		0.63	0.004	0.14	2.02	14.5	<0.02	<10	260	0.59	0.18	0.46	0.21	48.1	15.1	30
YY13121		0.66	0.003	0.08	1.98	9.9	<0.02	<10	270	0.48	0.18	0.66	0.14	30.2	14.8	29

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

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Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13031		5.61	93.3	3.04	6.08	0.08	0.03	0.18	0.033	0.09	22.1	14.1	0.53	1010	77.8	0.02
YY13032		1.35	30.5	3.46	7.48	<0.05	0.02	0.05	0.031	0.07	9.3	17.1	0.60	599	3.13	0.02
YY13033		1.29	20.0	3.32	7.29	<0.05	0.05	0.05	0.028	0.07	9.8	17.3	0.52	329	2.86	0.02
YY13035		1.75	22.5	3.74	9.13	0.05	0.02	0.07	0.032	0.07	9.7	20.2	0.52	497	1.94	0.02
YY13036		1.86	27.0	3.21	6.51	0.06	0.05	0.03	0.031	0.09	11.9	16.1	0.69	617	0.82	0.02
YY13037		3.09	28.1	3.22	6.09	0.08	0.02	0.13	0.036	0.09	33.4	10.8	0.44	818	1.84	0.03
YY13038		2.61	21.4	3.32	5.32	0.07	0.02	0.11	0.031	0.11	21.6	12.9	0.65	722	1.11	0.03
YY13039		4.13	24.4	3.72	6.07	0.07	0.02	0.09	0.034	0.08	26.5	13.9	0.65	956	3.00	0.03
YY13040		4.85	33.3	3.94	6.97	0.09	0.05	0.09	0.043	0.22	23.3	18.7	0.89	378	1.85	0.03
YY13041		4.80	32.4	2.31	5.78	0.09	0.05	0.14	0.035	0.07	39.3	12.0	0.55	812	2.58	0.03
YY13042		4.57	31.5	3.68	6.24	0.08	0.03	0.05	0.032	0.16	16.7	17.3	0.81	702	1.78	0.03
YY13043		5.43	16.1	3.92	6.39	0.07	0.03	0.15	0.039	0.17	22.8	11.7	0.57	871	2.65	0.02
YY13044		5.79	18.7	3.20	7.99	0.07	0.02	0.11	0.046	0.12	25.7	16.4	0.64	953	1.12	0.02
YY13045		7.21	20.2	3.26	6.11	0.07	0.03	0.13	0.033	0.13	21.8	16.8	0.64	747	1.39	0.02
YY13046		5.28	13.3	9.32	4.71	0.07	0.03	0.14	0.029	0.08	16.8	9.5	0.36	1830	1.75	0.02
YY13047		3.52	18.0	2.64	4.82	0.05	0.04	0.16	0.029	0.12	19.1	9.7	0.45	1360	0.70	0.02
YY13048		5.81	25.9	3.46	4.82	0.06	0.08	0.17	0.040	0.11	21.4	9.5	0.50	1810	1.28	0.03
YY13049		2.40	24.7	2.33	4.26	0.05	0.06	0.11	0.027	0.07	16.0	8.8	0.47	1080	0.94	0.02
YY13050		2.61	20.3	2.55	5.31	0.05	<0.02	0.09	0.026	0.05	17.5	8.1	0.33	830	1.62	0.02
YY13101		2.73	19.2	3.00	4.84	0.05	0.04	0.09	0.028	0.08	13.2	9.9	0.55	1750	1.22	0.02
YY13102		2.23	26.0	2.39	4.14	0.06	0.04	0.16	0.029	0.08	17.7	8.4	0.44	1740	0.97	0.03
YY13103		1.07	30.0	2.88	5.66	0.06	0.07	0.05	0.024	0.08	9.5	14.7	0.61	430	3.45	0.02
YY13104		2.39	25.7	3.26	7.45	<0.05	0.04	0.07	0.040	0.07	9.4	15.9	0.42	537	12.35	0.02
YY13105		4.91	54.3	3.24	5.87	0.09	0.09	0.11	0.048	0.16	23.7	13.1	0.55	846	13.85	0.03
YY13106		4.45	26.0	3.37	6.86	0.08	0.06	0.08	0.040	0.13	27.7	12.3	0.55	469	4.77	0.02
YY13107		4.13	13.4	3.13	6.23	0.08	0.11	0.04	0.033	0.15	18.8	11.9	0.62	664	0.90	0.02
YY13108		4.17	13.4	2.87	7.75	0.07	0.06	0.04	0.032	0.13	18.5	14.9	0.67	323	0.59	0.02
YY13109		3.38	11.1	2.97	7.21	0.05	0.04	0.06	0.023	0.11	13.5	13.3	0.63	272	0.73	0.02
YY13110		3.72	16.6	3.35	7.96	0.07	0.06	0.04	0.033	0.16	19.3	16.6	0.75	378	0.60	0.02
YY13111		1.09	14.7	6.74	3.53	0.06	0.03	0.13	0.018	0.06	15.3	4.7	0.23	599	3.01	0.02
YY13112		1.36	15.9	2.73	5.54	0.05	<0.02	0.08	0.026	0.05	16.9	9.7	0.42	2670	1.20	0.02
YY13113		3.15	13.6	2.99	7.96	0.06	0.03	0.04	0.033	0.14	22.8	15.3	0.76	296	0.78	0.02
YY13114		3.10	12.9	3.46	5.44	0.06	0.02	0.10	0.030	0.11	24.8	11.0	0.44	1630	1.40	0.02
YY13115		2.52	18.2	2.37	5.84	0.05	0.03	0.09	0.027	0.09	22.2	12.8	0.41	265	0.91	0.02
YY13116		4.11	17.2	3.38	8.45	0.07	0.03	0.10	0.034	0.16	22.0	23.0	0.80	271	1.57	0.02
YY13117		0.61	38.8	0.76	1.80	0.11	0.04	0.20	0.019	0.03	53.3	1.8	0.17	5630	1.76	0.02
YY13118		3.92	21.3	3.02	7.12	0.08	0.14	0.09	0.036	0.17	21.5	23.1	0.81	288	0.48	0.02
YY13119		2.50	14.1	3.00	5.71	0.05	0.05	0.07	0.029	0.07	12.4	17.2	0.65	369	0.66	0.02
YY13120		3.19	25.5	3.50	6.86	0.08	0.09	0.07	0.035	0.08	24.3	19.7	0.71	428	0.65	0.03
YY13121		3.68	14.1	3.58	7.32	0.08	0.08	0.06	0.036	0.18	14.2	25.5	0.86	819	0.85	0.02

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Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13031		1.19	24.0	800	32.7	13.8	0.001	0.07	10.20	5.2	0.7	0.5	37.2	<0.01	0.05	4.7
YY13032		1.37	29.9	410	13.0	10.4	<0.001	0.04	1.78	3.8	0.2	0.6	19.2	<0.01	0.04	1.5
YY13033		1.71	27.3	390	11.4	9.4	<0.001	0.02	0.87	3.6	0.3	0.6	15.9	0.01	0.02	2.6
YY13035		1.71	23.3	500	11.2	14.6	<0.001	0.05	0.94	3.1	0.5	0.8	13.3	<0.01	0.04	1.5
YY13036		1.64	28.7	400	7.5	12.6	<0.001	0.03	0.67	4.8	0.4	0.6	16.0	<0.01	0.03	3.2
YY13037		0.84	17.2	1140	15.5	15.7	<0.001	0.12	0.80	4.7	0.5	0.6	30.4	<0.01	0.04	1.1
YY13038		1.19	19.3	1020	7.6	15.1	0.001	0.03	0.73	6.2	0.6	0.6	26.8	<0.01	0.02	3.7
YY13039		1.18	19.2	990	10.8	20.8	<0.001	0.09	0.82	7.1	0.8	0.6	52.8	<0.01	0.04	2.1
YY13040		2.01	21.1	890	7.8	31.6	<0.001	0.04	0.75	11.0	0.3	1.1	21.2	<0.01	0.07	7.8
YY13041		1.27	17.5	1470	7.8	13.6	0.001	0.32	0.77	6.5	0.5	0.6	58.3	<0.01	0.02	1.6
YY13042		1.70	24.3	740	8.4	21.6	<0.001	0.06	0.83	6.6	0.3	0.9	32.6	<0.01	0.05	4.1
YY13043		1.73	12.7	960	72.8	27.0	<0.001	0.08	6.37	7.6	0.6	0.7	21.3	<0.01	0.03	7.4
YY13044		1.47	14.6	1020	21.9	24.2	<0.001	0.07	1.52	10.2	0.4	0.9	21.5	<0.01	0.03	6.3
YY13045		1.31	18.9	740	64.8	22.1	<0.001	0.02	5.82	7.9	0.3	0.6	22.6	<0.01	0.01	7.5
YY13046		1.06	10.8	920	46.9	13.1	<0.001	0.11	10.80	5.4	0.5	0.6	24.8	<0.01	0.05	6.3
YY13047		1.05	15.6	680	198.0	18.0	0.001	0.06	20.8	7.3	<0.2	0.6	21.8	<0.01	0.03	7.6
YY13048		0.86	16.7	760	183.0	16.4	0.001	0.07	15.70	8.4	0.4	0.5	37.5	<0.01	0.03	5.8
YY13049		0.99	16.4	830	184.0	11.7	0.001	0.12	7.35	4.5	0.5	0.4	53.4	<0.01	0.03	2.2
YY13050		0.78	16.0	1180	125.0	9.8	<0.001	0.12	4.04	2.9	0.4	0.5	40.9	<0.01	0.02	0.6
YY13101		1.20	17.3	840	190.5	16.7	<0.001	0.10	8.11	4.7	0.4	0.5	43.4	<0.01	0.03	2.7
YY13102		0.80	18.7	1070	167.5	13.5	<0.001	0.12	5.99	4.8	0.7	0.4	49.6	<0.01	0.03	1.7
YY13103		1.68	29.8	540	9.6	8.0	<0.001	0.04	1.04	4.3	0.4	0.5	20.4	<0.01	0.02	2.7
YY13104		1.96	20.3	520	15.6	15.0	<0.001	0.04	1.07	4.0	0.5	0.7	19.0	0.01	0.04	2.9
YY13105		1.14	20.1	840	653	24.0	<0.001	0.03	14.60	9.5	0.3	0.9	33.1	<0.01	0.03	8.4
YY13106		1.97	15.7	600	23.1	29.8	<0.001	0.02	2.27	9.1	<0.2	1.3	18.5	<0.01	0.03	14.9
YY13107		1.58	15.0	650	56.8	31.1	<0.001	0.02	5.63	6.1	0.2	1.1	17.4	<0.01	0.03	13.4
YY13108		2.50	17.2	690	13.8	26.2	<0.001	0.03	0.88	7.1	0.2	1.4	20.2	<0.01	0.02	11.4
YY13109		2.16	14.6	710	10.0	18.8	<0.001	0.05	0.77	5.7	0.2	1.1	21.0	<0.01	0.02	5.3
YY13110		2.36	17.3	810	9.5	24.8	<0.001	0.02	0.69	6.2	0.3	1.0	18.9	<0.01	0.03	8.9
YY13111		1.00	7.3	1310	5.4	6.0	0.001	0.16	0.60	3.4	0.5	0.3	19.9	<0.01	0.04	1.4
YY13112		1.13	11.9	1530	7.3	6.1	<0.001	0.15	0.72	4.0	0.5	0.6	24.0	<0.01	0.02	1.6
YY13113		1.80	15.7	800	14.7	19.8	<0.001	0.02	1.90	6.2	0.2	0.8	15.3	<0.01	0.01	8.6
YY13114		1.06	9.9	1000	29.0	14.3	<0.001	0.04	3.12	6.7	0.2	0.6	21.1	<0.01	0.02	6.8
YY13115		1.43	9.5	810	17.9	14.7	<0.001	0.09	1.76	4.8	0.3	0.5	18.0	<0.01	0.03	2.2
YY13116		1.97	16.8	860	28.0	27.2	<0.001	0.04	3.95	7.3	0.3	0.8	17.0	<0.01	0.02	9.1
YY13117		0.20	12.6	1890	3.3	3.1	0.001	0.34	3.15	3.3	0.9	<0.2	80.4	<0.01	0.03	0.7
YY13118		2.70	16.5	540	10.8	35.6	<0.001	0.02	0.76	8.2	0.3	0.9	24.5	<0.01	0.02	13.2
YY13119		1.81	14.4	650	8.8	14.8	<0.001	0.02	0.58	5.2	<0.2	0.7	27.3	<0.01	0.02	7.2
YY13120		2.03	19.3	510	10.3	18.5	<0.001	0.03	0.78	9.4	0.4	0.8	31.9	<0.01	0.03	11.2
YY13121		3.07	16.3	790	10.7	41.7	<0.001	0.02	0.58	7.7	0.3	1.1	36.5	<0.01	0.02	12.2

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13031		0.075	0.24	15.95	63	0.48	23.0	87	1.2
YY13032		0.116	0.13	1.07	81	0.26	4.17	69	1.1
YY13033		0.108	0.11	0.72	75	0.34	3.68	59	2.4
YY13035		0.121	0.15	0.96	86	0.24	3.24	61	1.1
YY13036		0.130	0.15	0.94	72	0.23	4.67	61	1.8
YY13037		0.041	0.21	5.29	59	0.24	18.05	75	0.7
YY13038		0.103	0.20	2.61	74	0.36	10.65	65	1.0
YY13039		0.059	0.32	4.67	71	0.39	15.75	80	0.8
YY13040		0.167	0.39	3.08	96	0.82	13.10	72	2.3
YY13041		0.050	0.36	12.70	58	0.25	31.9	47	1.2
YY13042		0.125	0.24	2.02	75	0.51	7.60	79	1.2
YY13043		0.090	0.43	3.01	96	0.43	12.25	99	1.2
YY13044		0.076	0.46	4.40	80	0.36	13.40	84	0.7
YY13045		0.086	0.33	5.20	69	0.32	12.60	257	1.3
YY13046		0.032	0.43	6.24	62	0.29	8.33	110	0.9
YY13047		0.054	0.42	4.33	57	0.47	11.85	224	1.3
YY13048		0.054	0.41	3.72	61	0.35	16.45	333	2.1
YY13049		0.053	0.22	5.77	50	0.22	11.70	319	2.0
YY13050		0.040	0.24	3.35	55	0.24	11.15	116	0.5
YY13101		0.077	0.27	2.42	64	0.44	6.76	268	1.5
YY13102		0.053	0.23	3.81	50	0.34	14.05	269	1.5
YY13103		0.126	0.10	1.37	69	0.48	5.27	58	2.8
YY13104		0.105	0.16	1.14	71	0.61	4.15	83	1.6
YY13105		0.100	0.38	3.85	65	1.15	16.45	472	4.8
YY13106		0.116	0.40	7.13	72	0.69	16.60	71	2.7
YY13107		0.143	0.40	2.87	73	0.37	9.39	135	5.2
YY13108		0.139	0.44	3.30	86	0.33	8.31	66	2.4
YY13109		0.129	0.28	1.74	74	0.30	6.30	55	1.5
YY13110		0.166	0.33	1.59	88	0.44	8.57	63	2.3
YY13111		0.048	0.19	2.86	84	0.26	7.85	22	1.1
YY13112		0.072	0.31	2.78	58	0.33	8.84	40	0.9
YY13113		0.143	0.33	2.29	87	0.52	9.77	66	1.4
YY13114		0.052	0.33	3.71	73	0.71	12.25	52	0.8
YY13115		0.068	0.24	3.27	57	0.35	10.45	33	0.9
YY13116		0.132	0.34	2.83	96	0.41	9.40	62	1.3
YY13117		0.012	0.24	9.21	19	0.12	35.3	26	0.8
YY13118		0.186	0.41	7.27	82	0.26	10.65	74	5.6
YY13119		0.124	0.21	2.24	74	0.20	6.34	67	2.0
YY13120		0.121	0.25	7.10	78	0.26	14.05	69	4.0
YY13121		0.187	0.41	3.92	89	0.25	8.03	79	3.0

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	WEI-21	Au-ICP21	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
YY13122		0.54	0.004	0.08	1.96	6.4	<0.02	<10	270	0.49	0.18	0.55	0.13	36.9	11.4	29
YY13123		0.66	0.003	0.09	2.11	7.2	<0.02	<10	270	0.53	0.19	0.45	0.09	43.8	11.4	30
YY13124		0.70	0.004	0.11	2.44	12.5	<0.02	<10	310	0.64	0.21	0.66	0.12	58.2	14.1	32
YY13125		0.63	0.004	0.11	2.34	9.0	<0.02	<10	330	0.60	0.16	0.39	0.06	47.6	12.4	33
YY13126		0.61	0.008	0.10	2.21	58.6	<0.02	<10	310	0.59	0.37	0.36	0.09	47.7	12.7	29
YY13127		0.52	0.004	0.09	1.75	9.4	0.02	<10	130	0.34	0.27	0.22	0.21	19.30	8.6	25
YY13128		0.63	0.006	0.09	2.20	31.2	<0.02	<10	420	0.95	1.19	0.43	0.14	85.5	14.7	19
YY13129		0.53	0.003	0.04	2.73	16.5	<0.02	<10	230	0.67	0.29	0.18	0.16	40.1	15.4	29
YY13130		0.51	0.004	0.07	2.94	21.2	<0.02	<10	180	0.68	0.20	0.16	0.12	24.2	12.3	39
YY13131		0.35	0.005	0.05	1.47	17.5	<0.02	<10	90	0.30	0.23	0.12	0.16	16.55	4.3	19
YY13132		0.56	0.009	0.05	1.68	9.2	0.10	<10	160	0.30	0.21	0.15	0.08	22.0	4.0	24
YY13133		0.59	0.006	0.04	2.46	8.4	<0.02	<10	240	0.48	0.17	0.18	0.14	22.8	9.4	26
YY13134		0.49	0.006	0.04	2.02	18.1	<0.02	<10	130	0.41	0.17	0.14	0.13	22.1	7.8	25
YY13135		0.35	0.005	0.10	1.14	4.0	<0.02	<10	140	0.30	0.15	0.14	0.16	30.8	2.8	17
YY13136		0.56	0.004	0.06	2.26	11.7	<0.02	<10	200	0.38	0.19	0.25	0.21	21.9	11.8	26
YY13137		0.70	0.007	0.11	2.11	12.3	<0.02	<10	250	0.45	0.16	0.37	0.20	32.9	10.5	32
YY13138		0.66	0.008	0.20	2.07	20.5	<0.02	<10	230	0.43	0.20	0.31	0.33	34.1	8.8	29
YY13139		0.57	0.006	0.16	2.16	19.6	<0.02	<10	290	0.54	0.19	0.32	0.34	40.6	9.0	31
YY13140		0.64	0.009	0.21	1.98	28.3	<0.02	<10	210	0.49	0.19	0.28	0.30	31.6	7.6	28
YY13141		0.71	0.013	0.63	1.99	60.4	<0.02	<10	280	0.63	0.21	0.35	0.71	46.2	11.1	32
YY13142		0.61	0.010	0.25	1.90	15.1	<0.02	<10	190	0.42	0.23	0.29	0.39	35.4	8.3	29
YY13143		0.64	0.008	0.26	1.88	19.7	<0.02	<10	290	0.47	0.19	0.34	0.68	43.2	12.4	31
YY13144		0.56	0.012	0.34	1.62	18.5	<0.02	<10	160	0.32	0.19	0.39	0.42	26.6	8.8	26
YY04436		0.40	0.004	0.16	1.85	39.0	<0.02	<10	210	0.84	0.43	0.34	0.15	64.7	18.2	41
YY04437		0.51	0.003	0.09	1.53	17.2	<0.02	<10	300	0.44	0.26	0.52	0.19	37.8	11.7	23
YY04438		0.48	0.004	0.14	1.81	61.2	<0.02	<10	260	0.73	0.37	0.61	0.17	58.1	15.4	39
YY04439		0.46	0.007	0.07	2.23	14.3	<0.02	<10	230	0.51	0.22	0.35	0.12	39.0	14.1	36
YY04440		0.57	0.007	0.40	2.21	22.0	0.02	<10	180	0.44	0.35	0.32	0.25	30.3	9.4	38
YY04441		0.62	0.007	2.32	1.96	83.3	<0.02	<10	270	0.43	0.26	0.48	1.12	34.2	9.5	31
YY04442		0.52	0.009	0.21	2.13	30.1	<0.02	<10	270	0.49	0.27	0.48	0.18	36.6	11.5	40
YY04443		0.39	0.010	0.20	2.74	40.9	<0.02	<10	320	0.64	0.32	0.40	0.27	40.6	12.8	42
YY04444		0.44	0.006	0.16	2.15	17.9	<0.02	<10	270	0.35	0.19	0.35	0.18	25.6	10.5	35
YY04445		0.43	0.006	0.10	2.02	16.2	0.02	<10	240	0.31	0.22	0.29	0.16	18.35	8.5	32
YY04446		0.53	0.004	0.06	2.31	16.7	<0.02	<10	290	0.39	0.15	0.33	0.13	26.8	12.8	33
YY04447		0.51	0.005	0.06	2.31	12.1	<0.02	<10	230	0.36	0.12	0.40	0.17	29.9	10.1	33
YY04448		0.55	0.003	0.06	2.13	11.5	<0.02	<10	290	0.36	0.14	0.38	0.15	27.2	13.8	32
YY04449		0.45	0.007	0.03	2.03	7.4	<0.02	<10	240	0.31	0.14	0.43	0.13	20.8	9.4	35
YY04450		0.41	0.006	0.05	2.23	8.1	<0.02	<10	250	0.43	0.14	0.37	0.09	26.8	10.9	34

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Finalized Date: 24-SEP-2020
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Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	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
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
YY13122		2.74	17.2	2.91	6.65	0.07	0.05	0.06	0.031	0.09	19.2	22.1	0.70	369	0.41	0.02
YY13123		4.29	17.5	3.17	7.15	0.08	0.07	0.07	0.036	0.14	22.1	21.7	0.73	242	0.48	0.02
YY13124		4.18	20.9	4.27	9.11	0.10	0.10	0.07	0.044	0.11	28.2	27.4	0.96	351	0.68	0.03
YY13125		4.13	24.9	3.62	7.89	0.09	0.07	0.09	0.037	0.15	27.5	23.1	0.81	380	0.92	0.02
YY13126		5.63	19.7	3.71	6.89	0.08	0.10	0.11	0.036	0.18	23.8	21.9	0.77	661	0.90	0.02
YY13127		3.32	13.7	3.24	9.12	0.05	0.07	0.02	0.030	0.10	10.0	15.7	0.52	354	1.62	0.02
YY13128		10.90	14.0	5.16	8.51	0.11	0.08	0.04	0.060	0.35	40.8	20.8	0.80	1100	0.79	0.02
YY13129		8.43	15.4	5.00	11.10	0.06	0.13	0.03	0.053	0.23	15.8	25.5	0.74	981	1.33	0.02
YY13130		4.24	13.3	4.12	7.60	<0.05	0.14	0.06	0.040	0.07	11.9	18.7	0.52	378	1.49	0.02
YY13131		1.28	10.5	2.40	9.90	<0.05	0.03	0.04	0.019	0.05	8.5	7.6	0.24	164	1.11	0.01
YY13132		1.38	13.5	2.56	8.37	<0.05	0.03	0.03	0.026	0.05	11.3	8.2	0.23	115	1.33	0.02
YY13133		2.43	14.5	3.34	9.25	<0.05	0.06	0.07	0.034	0.10	11.6	15.3	0.60	355	1.00	0.02
YY13134		2.79	13.0	3.40	8.06	<0.05	0.04	0.06	0.030	0.08	11.3	12.7	0.39	271	1.40	0.02
YY13135		0.95	13.2	1.47	5.73	<0.05	<0.02	0.06	0.017	0.05	22.6	4.8	0.20	100	0.95	0.02
YY13136		1.92	14.3	3.40	8.90	0.05	0.09	0.02	0.026	0.11	11.3	17.6	0.66	601	1.10	0.02
YY13137		1.39	22.0	3.03	6.19	0.06	0.04	0.04	0.028	0.08	17.4	13.9	0.60	249	0.51	0.02
YY13138		2.26	20.0	3.20	6.77	0.05	0.04	0.06	0.030	0.09	17.5	13.0	0.55	201	0.53	0.02
YY13139		3.15	21.2	3.15	6.60	0.06	0.11	0.07	0.034	0.08	20.8	13.4	0.58	213	0.54	0.02
YY13140		1.99	16.1	2.74	6.01	0.05	0.02	0.06	0.032	0.06	15.7	12.7	0.48	154	0.36	0.02
YY13141		2.10	29.6	3.52	6.05	0.08	0.06	0.08	0.041	0.08	22.6	12.6	0.52	326	0.55	0.02
YY13142		1.71	20.2	2.54	5.89	0.06	0.03	0.05	0.029	0.07	17.7	12.0	0.54	184	0.56	0.02
YY13143		1.76	27.2	3.20	5.95	0.07	0.06	0.04	0.030	0.07	21.4	13.6	0.60	382	0.73	0.02
YY13144		1.77	13.2	2.30	5.43	0.05	0.03	0.06	0.028	0.07	14.1	12.1	0.52	254	0.75	0.02
YY04436		7.71	25.8	4.32	5.92	0.07	0.02	0.15	0.039	0.11	35.1	12.5	0.60	521	2.04	0.02
YY04437		3.45	17.0	3.34	5.05	0.05	0.02	0.09	0.032	0.07	21.1	9.5	0.59	392	1.84	0.02
YY04438		5.47	29.3	4.04	5.96	0.07	0.02	0.15	0.034	0.09	32.2	12.7	0.59	1040	2.53	0.02
YY04439		3.51	17.9	3.06	6.87	0.07	0.11	0.03	0.032	0.14	19.3	14.5	0.69	478	0.88	0.02
YY04440		3.27	17.0	2.95	6.95	0.05	0.06	0.04	0.031	0.10	15.2	13.4	0.64	255	0.82	0.02
YY04441		3.32	31.5	2.79	6.26	0.07	0.04	0.05	0.031	0.10	20.0	11.4	0.61	1400	8.26	0.01
YY04442		2.56	37.2	3.23	5.66	0.07	0.03	0.03	0.024	0.08	20.5	13.1	0.64	766	9.11	0.02
YY04443		4.19	41.4	3.93	7.19	0.05	0.02	0.05	0.032	0.09	19.0	14.4	0.64	868	9.73	0.01
YY04444		3.69	17.9	3.05	6.43	<0.05	<0.02	0.02	0.022	0.07	13.0	10.0	0.57	726	4.57	0.01
YY04445		2.77	14.0	3.37	7.26	<0.05	<0.02	0.02	0.023	0.09	9.9	11.6	0.59	769	1.51	0.01
YY04446		2.05	14.9	3.53	8.00	0.06	<0.02	0.02	0.025	0.09	13.4	14.0	0.63	931	1.44	0.01
YY04447		1.56	17.0	2.95	5.94	0.07	0.04	0.02	0.024	0.12	14.1	13.1	0.65	293	0.76	0.01
YY04448		2.05	15.1	3.28	6.34	<0.05	0.02	0.02	0.022	0.09	13.1	12.3	0.64	1030	1.04	0.01
YY04449		2.09	12.7	3.32	6.58	<0.05	<0.02	0.03	0.026	0.07	11.0	12.8	0.69	345	1.28	0.01
YY04450		2.36	14.2	3.50	6.81	0.05	0.02	0.04	0.026	0.09	13.9	14.8	0.76	490	1.37	0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
YY13122		2.62	16.0	580	9.6	19.8	<0.001	0.04	0.54	7.0	0.3	0.9	34.0	<0.01	0.02	9.2
YY13123		2.41	17.7	630	10.7	31.2	<0.001	0.02	0.57	8.4	0.3	0.9	27.7	<0.01	0.02	12.9
YY13124		2.89	19.4	780	11.1	24.5	<0.001	0.03	0.69	11.1	<0.2	1.2	40.2	<0.01	0.02	17.0
YY13125		1.90	20.1	600	9.1	31.3	<0.001	0.01	0.67	9.7	0.2	0.9	27.6	<0.01	0.02	12.0
YY13126		1.78	19.1	550	9.8	36.8	<0.001	0.01	0.96	8.7	0.2	0.9	26.9	<0.01	0.02	15.6
YY13127		2.08	14.1	320	10.4	24.0	<0.001	0.02	0.61	4.8	0.2	1.0	19.5	<0.01	0.03	4.3
YY13128		1.83	13.0	960	13.9	64.8	<0.001	0.01	1.30	15.0	<0.2	1.5	23.5	<0.01	0.02	28.8
YY13129		2.30	18.6	690	12.5	40.6	<0.001	0.02	0.76	11.4	0.2	1.4	12.9	<0.01	0.03	19.0
YY13130		1.45	22.8	550	9.8	16.9	<0.001	0.01	0.91	5.5	0.3	0.7	16.2	0.01	0.03	6.5
YY13131		1.85	8.5	250	12.9	12.1	<0.001	0.02	0.56	2.8	0.2	1.0	12.3	<0.01	0.04	3.7
YY13132		1.31	9.0	350	13.6	11.9	<0.001	0.01	0.49	3.5	0.3	0.8	17.9	<0.01	0.04	3.8
YY13133		1.67	14.1	340	10.2	17.8	<0.001	0.01	0.68	6.2	<0.2	1.0	18.8	<0.01	0.03	6.1
YY13134		1.59	12.0	380	10.9	13.4	<0.001	0.01	1.01	5.4	0.4	0.7	13.8	<0.01	0.03	6.0
YY13135		0.92	7.1	370	7.7	9.9	<0.001	0.04	0.33	2.0	0.3	0.5	17.3	<0.01	0.03	0.7
YY13136		2.29	15.8	340	11.0	20.5	<0.001	0.01	0.80	4.6	0.2	0.8	20.8	<0.01	0.03	4.8
YY13137		1.47	20.2	680	13.9	13.3	<0.001	0.01	0.74	5.8	0.2	0.6	25.0	<0.01	0.02	5.6
YY13138		1.88	15.9	650	20.8	16.7	<0.001	0.02	1.16	6.0	0.3	0.7	21.8	<0.01	0.03	6.2
YY13139		1.79	15.9	580	19.1	14.7	<0.001	0.02	1.21	7.5	0.2	0.7	21.1	<0.01	0.03	9.8
YY13140		1.22	15.9	520	32.2	11.0	<0.001	0.02	1.77	5.3	0.2	0.6	20.2	<0.01	0.02	4.5
YY13141		1.40	21.2	760	50.1	17.5	<0.001	0.02	3.26	8.3	0.4	0.7	26.3	<0.01	0.02	7.6
YY13142		1.47	17.4	570	29.0	13.7	<0.001	0.02	1.48	5.5	0.3	0.6	19.9	<0.01	0.03	6.1
YY13143		1.53	21.4	590	27.8	13.1	<0.001	0.02	1.36	7.0	0.2	0.6	25.5	<0.01	0.03	8.6
YY13144		1.49	16.8	720	36.0	14.3	<0.001	0.05	1.64	4.5	0.3	0.6	25.8	<0.01	0.02	5.1
YY04436		1.02	24.9	950	18.1	25.4	<0.001	0.06	2.67	9.0	0.3	0.6	20.1	<0.01	0.04	7.1
YY04437		0.89	16.0	550	8.6	13.3	<0.001	0.05	1.16	6.0	<0.2	0.5	29.1	<0.01	0.02	5.5
YY04438		0.96	24.8	950	13.7	17.8	<0.001	0.09	1.83	6.4	0.3	0.6	35.5	<0.01	0.05	3.8
YY04439		1.76	17.4	660	11.7	24.0	<0.001	0.01	1.12	7.1	<0.2	1.0	20.2	<0.01	0.02	11.7
YY04440		1.79	16.6	600	35.5	20.4	<0.001	0.03	3.44	6.7	0.2	1.0	20.1	<0.01	0.03	9.6
YY04441		1.61	18.2	820	130.0	23.2	<0.001	0.05	9.37	6.3	0.2	0.9	33.0	<0.01	0.05	6.9
YY04442		1.07	23.8	820	17.6	15.6	<0.001	0.02	1.72	6.5	0.6	0.5	27.3	<0.01	0.04	5.6
YY04443		0.92	28.3	910	18.4	14.4	<0.001	0.07	1.66	4.7	0.5	0.6	27.5	<0.01	0.05	2.1
YY04444		0.86	16.1	790	14.2	16.9	<0.001	0.03	1.38	3.8	0.2	0.6	23.7	<0.01	0.03	1.9
YY04445		0.98	14.9	750	13.6	17.4	<0.001	0.06	1.24	2.8	0.3	0.8	23.2	<0.01	0.03	1.0
YY04446		1.09	17.6	950	11.2	18.3	<0.001	0.05	1.22	3.6	0.3	0.7	24.2	<0.01	0.03	1.8
YY04447		1.34	19.1	1000	9.0	15.9	<0.001	0.02	1.06	4.6	0.3	0.5	21.0	<0.01	0.02	4.6
YY04448		0.98	16.4	920	9.9	16.3	<0.001	0.04	1.07	3.9	0.3	0.6	23.7	<0.01	0.02	2.5
YY04449		0.94	14.4	850	10.1	12.8	<0.001	0.04	0.54	3.5	0.2	0.6	24.9	<0.01	0.02	1.9
YY04450		1.16	17.7	830	9.3	16.2	<0.001	0.05	0.48	4.8	0.2	0.7	23.8	<0.01	0.01	2.7

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

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 24-SEP-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20174530

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
YY13122		0.146	0.27	6.10	82	0.19	9.57	61	2.0
YY13123		0.153	0.34	5.05	79	0.19	12.50	60	2.6
YY13124		0.179	0.38	7.14	104	0.22	16.30	73	3.8
YY13125		0.160	0.34	3.68	84	0.17	13.25	67	3.1
YY13126		0.152	0.38	3.40	83	0.20	11.55	67	4.7
YY13127		0.136	0.19	0.90	90	0.17	3.81	54	2.8
YY13128		0.141	0.63	7.02	102	0.26	20.8	94	3.0
YY13129		0.171	0.40	5.06	115	0.16	9.08	82	4.7
YY13130		0.073	0.22	1.31	78	0.17	3.96	56	5.1
YY13131		0.119	0.15	0.59	79	0.14	2.47	27	1.3
YY13132		0.090	0.18	0.74	66	0.13	3.29	26	1.5
YY13133		0.115	0.21	0.72	84	0.15	4.43	48	2.5
YY13134		0.082	0.23	1.37	82	0.19	3.75	44	1.6
YY13135		0.065	0.11	1.04	43	0.11	5.78	21	<0.5
YY13136		0.186	0.19	0.57	89	0.22	4.36	59	3.3
YY13137		0.130	0.16	1.20	69	0.16	8.13	66	1.8
YY13138		0.119	0.26	2.06	71	0.18	8.08	75	1.6
YY13139		0.113	0.28	3.35	79	0.18	11.05	81	5.3
YY13140		0.071	0.21	1.34	69	0.18	7.11	75	0.9
YY13141		0.085	0.24	2.20	73	0.20	16.85	94	2.8
YY13142		0.101	0.20	1.98	61	0.19	7.96	83	1.4
YY13143		0.108	0.22	2.45	68	0.17	12.45	91	3.3
YY13144		0.094	0.17	2.20	54	0.25	5.56	95	1.6
YY04436		0.067	0.52	3.73	75	0.57	13.90	70	0.8
YY04437		0.060	0.24	1.64	73	0.93	8.34	69	0.7
YY04438		0.061	0.41	3.15	74	0.63	12.95	70	0.7
YY04439		0.149	0.33	3.01	87	0.33	8.92	69	4.8
YY04440		0.123	0.31	2.47	76	0.29	7.46	92	2.6
YY04441		0.116	0.33	3.82	68	1.63	10.35	154	1.4
YY04442		0.121	0.18	4.80	77	2.78	13.10	74	1.4
YY04443		0.080	0.20	4.79	84	0.62	11.70	92	0.6
YY04444		0.075	0.21	1.81	84	0.62	4.85	66	<0.5
YY04445		0.095	0.17	1.45	85	0.39	3.59	85	<0.5
YY04446		0.107	0.17	1.35	86	0.35	4.70	75	0.5
YY04447		0.135	0.16	1.35	80	0.33	6.61	72	1.6
YY04448		0.105	0.18	1.41	80	0.32	5.56	77	0.6
YY04449		0.089	0.14	1.05	85	0.27	3.86	78	0.5
YY04450		0.116	0.19	1.51	85	0.21	6.67	78	0.9

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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Idaho Creek

Finalized Date: 24-SEP-2020
Account: RCM

CERTIFICATE OF ANALYSIS WH20174530

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
Applies to Method: ME-MS41

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
Applies to Method: LOG-22 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-ICP21 ME-MS41

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Finalized Date: 16-NOV-2020
Account: RCM

CERTIFICATE WH20211169

Project: Idaho Creek

This report is for 61 Soil samples submitted to our lab in Whitehorse, YT, Canada on 21-SEP-2020.

The following have access to data associated with this certificate:

ANDREW CARNE	ADAM COULTER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
YY29500		0.38	0.30	1.80	41.2	<0.02	<10	340	0.52	0.22	0.69	1.02	36.0	10.7	27	3.42
YY29501		0.26	0.22	1.32	15.6	<0.02	<10	260	0.25	0.27	0.63	2.10	26.5	11.2	23	1.93
YY29502		0.40	0.18	1.69	28.0	<0.02	<10	260	0.43	0.34	0.42	0.60	31.7	15.1	26	2.77
YY29503		0.45	0.14	1.74	13.0	<0.02	<10	200	0.42	0.30	0.43	0.41	31.4	9.2	27	2.94
YY29504		0.25	0.26	1.52	57.9	<0.02	<10	210	0.32	0.28	0.47	0.67	25.6	6.9	24	3.05
YY29505		0.33	0.52	1.76	49.1	<0.02	<10	240	0.43	0.41	0.48	0.89	33.0	7.6	30	4.29
YY29506		0.23	0.85	1.63	48.7	<0.02	<10	270	0.43	0.27	0.70	1.53	39.9	11.7	27	3.21
YY29507		0.26	0.33	1.68	44.3	<0.02	<10	220	0.32	0.34	0.36	0.68	22.8	9.3	27	2.54
YY29508		0.37	0.25	1.39	33.2	<0.02	<10	270	0.23	0.32	0.60	0.33	19.45	8.2	27	2.79
YY29509		0.49	0.21	1.55	44.2	<0.02	<10	290	0.32	0.29	0.52	0.30	21.6	11.3	28	4.10
YY29510		0.36	0.19	1.71	21.4	<0.02	<10	360	0.46	0.27	0.69	0.52	41.3	13.3	29	4.09
YY29511		0.36	0.25	1.84	17.1	<0.02	<10	250	0.57	0.30	0.54	0.31	41.3	18.6	29	4.91
YY29512		0.18	0.20	1.51	8.0	<0.02	<10	330	0.36	0.23	0.76	0.36	30.4	11.2	30	3.30
YY29513		0.34	0.15	1.44	8.1	<0.02	<10	420	0.45	0.24	0.85	0.51	36.0	11.7	28	4.56
YY29514		0.23	0.21	1.45	14.2	<0.02	<10	360	0.45	0.39	0.89	0.49	36.8	11.4	32	3.92
YY29515		0.24	0.23	1.77	8.7	<0.02	<10	350	0.63	0.35	0.97	0.24	41.0	10.6	32	4.74
YY29516		0.31	0.11	1.47	10.5	<0.02	<10	250	0.53	0.32	0.82	0.17	32.9	9.5	29	4.48
YY29517		0.46	0.09	1.80	7.4	<0.02	<10	250	0.42	0.17	0.59	0.16	27.6	14.5	28	3.67
YY29518		0.55	0.20	1.98	8.1	0.02	<10	290	0.70	0.21	0.48	0.32	55.0	10.7	34	5.91
YY29519		0.44	0.08	2.31	48.4	<0.02	<10	160	0.46	0.22	0.22	0.24	20.4	9.7	33	4.14
YY29520		0.38	0.09	1.74	21.7	<0.02	<10	140	0.53	0.25	0.26	0.25	20.5	8.4	26	5.00
YY29521		0.58	0.20	1.79	103.5	<0.02	10	310	0.60	0.21	0.61	0.21	33.9	11.3	29	4.43
YY29522		0.39	0.15	1.60	9.7	<0.02	<10	230	0.78	0.23	0.29	0.36	40.3	11.5	26	5.06
YY29523		0.38	0.10	1.28	8.0	<0.02	10	330	0.65	0.18	0.81	0.25	42.4	9.2	22	7.82
YY29524		0.36	0.19	1.62	9.9	<0.02	<10	380	0.57	0.22	0.82	0.34	39.4	10.6	30	4.25
YY29525		0.38	0.27	1.39	39.5	<0.02	<10	260	0.32	0.31	0.55	0.23	27.1	7.6	23	2.33
YY29526		0.30	0.15	1.83	4.1	<0.02	<10	230	0.33	0.31	0.58	0.15	27.2	7.9	56	3.70
YY29527		0.48	0.15	2.22	10.9	<0.02	<10	280	0.55	0.28	0.43	0.34	35.7	13.7	39	3.91
YY29528		0.38	0.12	2.03	21.3	<0.02	<10	290	0.44	0.31	0.47	0.21	27.9	12.7	35	3.47
YY29529		0.44	0.27	1.65	11.3	<0.02	<10	340	0.52	0.33	0.46	0.55	49.0	14.1	30	4.26
YY29530		0.42	0.16	1.68	21.2	<0.02	<10	350	0.51	0.24	0.48	0.43	46.9	12.1	29	3.79
YY29551		0.28	0.08	1.63	50.5	<0.02	<10	130	0.35	0.32	0.17	0.50	26.4	7.1	29	3.98
YY29552		0.32	0.17	2.04	111.5	<0.02	<10	260	0.67	0.31	0.46	0.37	59.6	11.2	34	4.77
YY29553		0.29	0.14	1.72	30.5	<0.02	<10	360	0.48	0.28	0.81	0.42	42.7	10.7	28	3.78
YY29554		0.58	0.13	1.88	36.4	<0.02	<10	260	0.41	0.25	0.53	0.26	36.1	9.2	29	3.58
YY29555		0.35	0.11	1.49	31.4	0.02	<10	200	0.48	0.21	0.40	0.23	41.6	9.5	25	5.29
YY29556		0.47	0.19	1.64	19.9	<0.02	<10	310	0.51	0.27	0.87	0.30	41.4	10.6	28	3.23
YY29557		0.37	0.19	1.09	25.5	<0.02	<10	270	0.47	0.19	0.77	0.23	27.3	7.3	19	4.77
YY29558		0.25	0.14	1.56	7.7	<0.02	<10	240	0.37	0.25	0.80	0.32	29.8	9.9	29	2.41
YY29559		0.28	0.15	1.43	12.0	<0.02	<10	290	0.50	0.24	0.89	0.31	43.9	13.6	25	2.47

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Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	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
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
YY29500		16.5	3.10	5.61	0.05	0.03	0.05	0.027	0.09	20.3	16.6	0.57	739	2.92	0.03	1.09
YY29501		11.4	2.21	4.69	<0.05	0.04	0.08	0.022	0.06	14.5	9.5	0.48	1160	2.03	0.03	1.01
YY29502		9.4	3.54	5.66	0.05	0.03	0.05	0.033	0.07	16.3	11.6	0.54	1570	1.51	0.02	1.11
YY29503		11.9	2.31	5.91	<0.05	0.06	0.07	0.033	0.08	17.0	12.5	0.57	368	0.66	0.03	1.52
YY29504		10.0	3.03	5.02	<0.05	0.03	0.07	0.034	0.08	14.6	9.4	0.49	333	1.35	0.03	1.21
YY29505		13.1	2.07	5.68	0.05	0.03	0.14	0.099	0.09	18.7	11.4	0.50	437	0.53	0.02	1.27
YY29506		12.5	2.48	5.24	0.05	0.05	0.09	0.036	0.09	22.1	11.4	0.56	609	0.75	0.03	1.24
YY29507		14.5	2.95	7.36	<0.05	0.03	0.04	0.027	0.07	12.9	12.3	0.50	465	1.38	0.03	1.58
YY29508		10.0	2.59	6.34	<0.05	0.03	0.05	0.022	0.08	10.9	9.0	0.45	556	1.41	0.03	1.27
YY29509		10.0	2.93	6.42	<0.05	0.03	0.05	0.027	0.10	11.5	11.4	0.56	817	1.24	0.03	1.24
YY29510		16.5	3.12	5.99	0.05	0.05	0.06	0.027	0.12	19.9	12.0	0.60	1530	1.28	0.03	1.34
YY29511		12.1	3.23	5.92	0.05	0.05	0.08	0.032	0.08	19.1	14.4	0.56	849	1.40	0.03	1.36
YY29512		12.6	2.32	5.56	<0.05	0.05	0.08	0.024	0.06	17.2	11.3	0.52	917	0.78	0.03	1.10
YY29513		15.8	2.38	4.99	<0.05	0.04	0.08	0.026	0.07	17.8	10.6	0.53	1430	1.02	0.03	1.02
YY29514		16.0	2.41	4.87	<0.05	0.05	0.11	0.024	0.06	21.3	10.3	0.51	1130	2.01	0.03	0.96
YY29515		22.5	2.95	5.87	0.07	0.05	0.11	0.032	0.08	33.2	13.1	0.53	624	2.96	0.03	1.12
YY29516		17.3	2.92	5.22	0.05	0.04	0.09	0.025	0.08	18.0	11.8	0.50	538	2.28	0.03	1.00
YY29517		11.3	3.48	6.21	<0.05	0.05	0.06	0.032	0.07	14.0	13.3	0.60	583	1.50	0.03	1.53
YY29518		24.1	3.23	5.90	0.07	0.09	0.09	0.035	0.10	34.6	12.9	0.56	384	1.57	0.03	1.42
YY29519		16.5	4.21	8.22	<0.05	0.06	0.04	0.031	0.07	11.0	15.5	0.41	436	1.59	0.02	1.80
YY29520		11.0	3.83	7.27	<0.05	0.03	0.04	0.028	0.06	10.2	14.3	0.35	426	2.94	0.02	1.59
YY29521		16.8	3.46	5.18	0.06	0.08	0.07	0.037	0.10	16.8	11.7	0.58	485	1.87	0.02	1.42
YY29522		13.4	3.81	4.45	0.05	0.03	0.05	0.031	0.08	17.9	11.3	0.44	896	1.51	0.01	1.02
YY29523		11.5	2.86	3.89	0.07	0.10	0.07	0.031	0.10	20.8	7.6	0.42	546	1.28	0.02	0.97
YY29524		13.1	2.76	4.42	0.06	0.08	0.10	0.028	0.08	19.7	9.6	0.53	616	0.62	0.02	0.98
YY29525		7.4	3.28	4.05	0.05	0.03	0.09	0.024	0.08	13.8	8.7	0.40	293	0.84	0.01	0.96
YY29526		8.9	1.79	5.79	0.05	0.04	0.06	0.027	0.08	13.9	14.1	0.67	324	0.30	0.02	1.28
YY29527		14.8	3.61	6.68	0.06	0.03	0.03	0.031	0.10	17.9	16.4	0.75	978	0.81	0.02	1.45
YY29528		12.9	3.65	6.04	<0.05	0.02	0.06	0.030	0.09	14.1	12.6	0.62	817	0.81	0.02	1.35
YY29529		13.9	3.25	4.94	0.07	0.02	0.08	0.028	0.10	25.9	9.5	0.48	1430	0.93	0.02	0.82
YY29530		12.5	3.45	4.69	0.06	0.03	0.05	0.029	0.09	23.8	10.6	0.46	2070	0.62	0.01	0.86
YY29551		16.0	3.23	7.01	<0.05	0.03	0.06	0.031	0.06	13.1	8.9	0.34	370	2.54	0.02	1.55
YY29552		20.4	3.50	5.68	0.07	0.03	0.08	0.027	0.09	23.5	12.2	0.52	782	1.54	0.02	1.35
YY29553		18.5	3.10	5.28	0.07	0.04	0.07	0.027	0.07	24.2	10.8	0.53	641	2.19	0.03	1.31
YY29554		12.5	2.81	5.53	0.05	0.07	0.10	0.030	0.10	18.3	11.8	0.58	351	1.15	0.02	1.76
YY29555		13.9	2.99	4.71	0.06	0.06	0.05	0.024	0.10	20.4	9.4	0.47	444	0.93	0.02	1.47
YY29556		22.4	3.17	4.76	0.09	0.09	0.07	0.026	0.14	25.6	10.9	0.63	1020	2.12	0.03	1.63
YY29557		11.4	2.70	3.66	0.05	0.04	0.06	0.024	0.10	14.4	6.8	0.38	485	1.39	0.02	0.90
YY29558		12.5	2.74	5.36	0.05	0.05	0.05	0.027	0.07	15.7	10.2	0.51	471	1.13	0.02	1.33
YY29559		13.9	3.53	4.32	0.07	0.06	0.06	0.025	0.08	20.8	7.9	0.48	1450	2.23	0.02	1.10

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Project: Idaho Creek

Finalized Date: 16-NOV-2020
Account: RCM

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	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
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
YY29500		16.4	930	22.5	18.5	<0.001	0.06	1.25	4.7	0.2	0.6	51.4	<0.01	0.02	2.9	0.076
YY29501		13.8	740	18.8	11.2	<0.001	0.06	0.60	4.1	0.2	0.5	43.0	<0.01	0.02	3.7	0.067
YY29502		14.3	720	29.2	13.6	<0.001	0.03	0.69	4.6	0.3	0.6	27.9	<0.01	0.02	5.8	0.063
YY29503		15.0	560	30.2	14.9	<0.001	0.03	0.82	5.5	0.2	0.7	27.2	<0.01	0.02	8.1	0.086
YY29504		11.8	760	29.4	16.4	<0.001	0.05	0.88	4.2	0.3	0.6	28.5	<0.01	0.02	4.4	0.067
YY29505		14.9	590	105.5	21.4	<0.001	0.05	1.08	6.4	0.4	0.7	32.9	<0.01	0.04	5.7	0.065
YY29506		17.1	690	116.5	17.2	<0.001	0.05	0.94	6.1	<0.2	0.6	45.1	<0.01	0.03	5.4	0.075
YY29507		14.6	390	47.0	13.8	<0.001	0.03	0.59	4.4	0.2	0.8	27.2	<0.01	0.03	3.5	0.093
YY29508		11.1	520	19.5	12.4	<0.001	0.04	0.62	4.1	<0.2	0.7	40.5	<0.01	0.03	3.7	0.086
YY29509		14.5	590	20.7	18.3	<0.001	0.04	0.94	4.6	0.3	0.7	36.9	<0.01	0.02	3.7	0.088
YY29510		17.0	770	15.3	22.4	0.001	0.06	0.84	6.5	0.3	0.7	47.7	<0.01	0.02	5.3	0.089
YY29511		17.9	730	17.6	22.2	<0.001	0.04	0.71	6.4	0.3	0.6	39.7	<0.01	0.02	5.8	0.074
YY29512		17.3	840	14.9	12.2	<0.001	0.06	0.68	5.5	0.3	0.6	51.7	<0.01	0.03	3.9	0.072
YY29513		18.2	750	14.3	15.6	<0.001	0.06	0.83	5.2	<0.2	0.6	55.6	<0.01	0.02	3.4	0.067
YY29514		20.5	780	16.6	14.4	<0.001	0.08	0.92	4.9	<0.2	0.5	58.3	<0.01	0.03	2.7	0.060
YY29515		19.4	820	19.5	16.5	<0.001	0.07	0.93	5.5	0.2	0.6	58.3	<0.01	0.02	3.4	0.066
YY29516		17.2	730	17.4	19.2	<0.001	0.07	1.03	4.4	<0.2	0.5	54.3	<0.01	0.05	3.1	0.065
YY29517		16.5	830	12.0	13.2	<0.001	0.04	0.68	5.5	0.2	0.6	38.1	<0.01	0.02	5.8	0.093
YY29518		21.3	710	20.7	20.9	<0.001	0.03	0.87	8.8	0.3	0.6	30.8	<0.01	0.03	11.1	0.094
YY29519		17.2	350	18.0	12.3	<0.001	0.02	0.89	4.2	<0.2	0.7	18.0	<0.01	0.03	4.7	0.075
YY29520		13.2	360	20.6	15.2	<0.001	0.02	0.94	3.5	0.2	0.7	18.4	<0.01	0.03	3.6	0.068
YY29521		17.8	800	12.2	15.0	0.001	0.02	1.81	6.1	<0.2	0.5	35.6	<0.01	0.02	5.4	0.093
YY29522		16.5	600	13.4	13.1	<0.001	0.02	1.63	4.3	0.3	0.5	19.9	<0.01	0.03	4.7	0.059
YY29523		13.6	790	13.1	12.4	<0.001	0.04	1.17	7.2	0.2	0.6	44.8	<0.01	0.02	11.1	0.053
YY29524		16.9	790	12.1	14.0	<0.001	0.05	1.08	7.1	0.4	0.5	46.9	<0.01	0.01	4.9	0.043
YY29525		10.1	630	37.6	11.9	<0.001	0.05	2.20	3.2	0.2	0.4	32.4	<0.01	0.02	5.1	0.033
YY29526		21.0	660	18.5	13.4	<0.001	0.05	1.14	4.5	0.2	0.6	36.3	<0.01	0.02	4.1	0.063
YY29527		20.8	800	13.4	17.8	<0.001	0.03	0.53	5.3	0.4	0.7	28.7	<0.01	0.04	4.6	0.108
YY29528		18.0	750	14.3	17.3	<0.001	0.04	0.71	4.9	0.2	0.6	31.9	<0.01	0.03	4.3	0.080
YY29529		16.0	860	20.2	15.3	<0.001	0.05	0.68	4.6	0.4	0.4	32.9	<0.01	0.03	3.5	0.049
YY29530		18.0	690	18.4	14.2	<0.001	0.03	1.24	4.9	0.3	0.4	31.1	<0.01	0.01	9.8	0.043
YY29551		15.4	500	22.0	11.3	0.001	0.02	0.99	3.6	0.2	0.7	16.9	<0.01	0.04	3.0	0.087
YY29552		23.6	900	18.2	14.1	<0.001	0.04	0.81	4.3	0.4	0.6	29.6	<0.01	0.05	5.1	0.097
YY29553		17.5	880	12.0	13.1	<0.001	0.05	0.92	5.0	0.4	0.6	64.6	<0.01	0.03	2.8	0.079
YY29554		15.3	680	17.3	19.2	<0.001	0.03	1.21	5.8	0.3	0.7	31.7	<0.01	0.02	9.5	0.101
YY29555		15.4	560	13.8	13.7	0.001	0.02	0.74	4.4	<0.2	0.5	26.5	<0.01	0.02	8.4	0.098
YY29556		17.9	790	10.9	19.0	<0.001	0.05	0.87	7.1	0.4	0.6	47.7	<0.01	0.02	6.0	0.112
YY29557		11.2	530	15.0	13.8	<0.001	0.05	1.22	3.7	0.4	0.4	47.2	<0.01	0.02	2.5	0.045
YY29558		14.7	720	13.4	10.4	<0.001	0.07	0.53	4.4	0.2	0.5	48.4	<0.01	0.03	3.0	0.072
YY29559		13.5	880	13.0	11.7	<0.001	0.08	0.71	4.9	0.4	0.5	53.8	<0.01	0.02	4.6	0.065

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Au-ICP21
	Analyte	Tl	U	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5	0.001
YY29500		0.16	5.99	63	0.82	11.75	115	1.2	0.004
YY29501		0.14	3.20	48	0.42	7.89	135	1.4	0.009
YY29502		0.18	2.98	69	0.91	6.72	118	1.3	0.003
YY29503		0.21	3.06	60	0.44	7.40	93	2.2	0.005
YY29504		0.19	2.82	62	1.06	7.04	125	1.3	0.005
YY29505		0.25	5.01	50	0.37	9.34	161	1.6	0.027
YY29506		0.21	5.62	56	0.68	12.75	199	2.0	0.009
YY29507		0.18	2.37	78	0.41	4.93	86	1.3	0.005
YY29508		0.15	1.50	70	0.27	3.43	60	1.3	0.003
YY29509		0.20	1.85	66	0.53	3.83	83	1.4	0.005
YY29510		0.22	5.18	68	0.55	10.75	83	2.0	0.020
YY29511		0.23	6.12	66	0.29	8.39	82	2.1	0.005
YY29512		0.19	4.47	50	0.24	10.20	63	1.9	0.002
YY29513		0.19	3.98	58	0.43	10.30	76	1.6	0.003
YY29514		0.18	5.68	56	0.31	13.20	74	2.1	0.005
YY29515		0.15	9.90	61	0.30	19.35	65	1.7	0.006
YY29516		0.14	4.95	60	0.66	7.77	69	1.8	0.004
YY29517		0.19	2.65	66	0.29	7.45	73	2.5	0.002
YY29518		0.21	7.54	67	0.79	18.00	77	4.1	0.003
YY29519		0.16	0.89	84	0.24	3.48	55	3.0	0.004
YY29520		0.16	1.11	75	0.21	3.52	50	1.6	0.003
YY29521		0.14	2.68	72	0.45	8.07	83	3.9	0.011
YY29522		0.18	2.30	64	0.58	7.94	78	1.2	0.003
YY29523		0.16	3.33	61	0.51	13.25	75	3.9	0.005
YY29524		0.19	3.55	59	0.18	12.90	72	3.1	0.002
YY29525		0.17	1.52	53	0.23	4.71	92	1.2	0.003
YY29526		0.18	1.66	45	0.18	5.20	69	1.4	0.003
YY29527		0.18	2.28	77	0.19	7.62	87	1.2	0.004
YY29528		0.18	1.79	78	0.25	6.27	82	1.0	0.003
YY29529		0.15	3.44	57	0.21	12.15	92	0.5	0.005
YY29530		0.15	3.30	60	0.35	10.30	85	0.8	0.003
YY29551		0.13	1.38	78	0.52	4.43	54	1.3	0.007
YY29552		0.13	4.10	73	0.46	11.10	74	1.3	0.024
YY29553		0.17	8.46	69	0.37	13.85	71	1.8	0.008
YY29554		0.18	3.42	65	0.21	8.37	81	3.3	0.007
YY29555		0.12	2.09	62	0.25	7.96	58	2.9	0.011
YY29556		0.15	10.75	69	0.22	17.15	69	4.2	0.006
YY29557		0.14	2.36	48	0.20	6.14	53	1.6	0.005
YY29558		0.11	3.75	67	0.15	6.84	68	2.3	0.004
YY29559		0.13	5.18	72	0.36	10.55	71	2.3	0.003

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Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
YY29560		0.30	0.20	1.47	19.9	<0.02	<10	340	0.49	0.25	0.90	0.42	42.1	11.6	25	2.23
YY29561		0.47	0.13	1.65	8.1	<0.02	<10	280	0.38	0.24	0.56	0.23	37.3	12.3	25	2.68
YY29562		0.38	0.33	1.81	16.2	<0.02	<10	440	0.57	0.31	0.79	0.31	40.4	11.9	32	4.15
YY29563		0.47	0.29	1.86	20.1	<0.02	<10	310	0.47	0.27	0.49	0.25	32.1	10.2	30	4.57
YY29564		0.36	0.15	1.94	20.2	<0.02	<10	310	0.50	0.26	0.35	0.45	47.0	11.9	29	3.45
YY29565		0.22	0.54	1.58	25.0	<0.02	<10	380	0.36	0.35	0.87	0.89	37.9	12.7	27	2.69
YY29566		0.37	1.13	1.52	188.5	0.02	10	560	0.42	0.88	0.55	3.31	36.6	12.2	27	3.71
YY29567		0.47	0.14	2.17	15.4	<0.02	<10	260	0.47	0.23	0.50	0.26	36.7	10.9	35	2.56
YY29568		0.39	0.18	1.94	14.6	<0.02	<10	250	0.37	0.27	0.45	0.24	27.1	10.7	34	2.61
YY29569		0.31	0.15	1.83	11.1	<0.02	<10	250	0.29	0.36	0.42	0.24	24.7	9.1	29	2.73
YY29570		0.40	0.24	2.05	21.6	<0.02	<10	280	0.42	0.27	0.46	0.35	33.8	12.3	34	3.29
YY29571		0.33	0.20	1.83	8.9	<0.02	<10	290	0.37	0.29	0.51	0.19	26.4	17.9	31	2.16
YY29572		0.52	0.06	2.03	8.8	<0.02	<10	200	0.41	0.25	0.40	0.16	31.2	6.9	31	2.37
YY29574		0.46	0.10	1.98	7.9	0.12	<10	220	0.38	0.28	0.41	0.16	30.6	9.5	31	2.25
YY29575		0.50	0.08	1.92	12.2	<0.02	<10	220	0.41	0.22	0.44	0.24	32.4	9.5	31	2.43
YY29576		0.40	0.07	1.83	7.0	<0.02	<10	240	0.29	0.20	0.51	0.13	26.4	6.6	29	2.83
YY29577		0.50	0.08	2.10	10.6	<0.02	<10	230	0.45	0.24	0.51	0.18	30.9	9.9	34	3.86
YY29578		0.47	0.07	1.68	5.2	<0.02	<10	230	0.47	0.14	0.39	0.23	29.5	6.5	29	2.74
YY29579		0.50	0.08	1.73	7.2	<0.02	<10	240	0.45	0.17	0.38	0.21	33.7	7.7	29	2.75
YY29580		0.34	0.05	1.53	6.7	<0.02	<10	160	0.38	0.16	0.33	0.21	29.2	8.8	26	3.40
YY29581		0.20	0.24	1.98	6.6	<0.02	<10	340	0.84	0.21	0.51	0.18	59.1	18.6	33	2.90

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

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	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
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
YY29560		12.6	2.71	4.45	0.07	0.05	0.07	0.028	0.08	21.7	8.6	0.45	1560	1.61	0.02	0.96
YY29561		10.5	2.87	5.32	0.06	0.05	0.12	0.026	0.09	19.0	11.8	0.60	914	0.75	0.02	1.41
YY29562		16.0	2.88	5.52	0.07	0.04	0.12	0.030	0.10	24.3	11.3	0.54	860	9.28	0.02	1.11
YY29563		12.4	3.10	5.67	0.05	0.03	0.05	0.026	0.11	17.6	12.9	0.57	512	1.34	0.02	1.33
YY29564		11.8	3.41	6.79	0.06	0.03	0.03	0.035	0.10	20.2	14.7	0.56	653	1.02	0.02	1.69
YY29565		14.1	2.90	4.62	0.06	0.03	0.11	0.052	0.09	20.2	9.4	0.52	1740	0.98	0.02	0.98
YY29566		12.2	2.66	5.29	0.06	0.03	0.13	0.148	0.10	19.5	8.7	0.46	2580	1.03	0.02	0.83
YY29567		20.5	3.25	6.15	0.07	0.13	0.05	0.030	0.09	18.4	12.9	0.64	258	0.53	0.02	1.71
YY29568		14.9	2.85	6.19	0.05	0.02	0.06	0.024	0.08	13.7	10.4	0.50	798	1.01	0.02	1.23
YY29569		11.6	2.52	5.76	<0.05	<0.02	0.06	0.023	0.07	12.7	10.3	0.48	844	0.81	0.02	1.00
YY29570		15.8	3.36	6.31	0.07	0.02	0.09	0.029	0.09	16.2	11.9	0.55	509	1.27	0.02	1.38
YY29571		13.2	3.12	6.13	<0.05	0.02	0.07	0.024	0.06	13.4	10.0	0.52	1000	1.35	0.02	1.10
YY29572		12.3	2.77	5.69	0.06	0.08	0.06	0.029	0.08	15.4	11.9	0.57	193	0.46	0.02	1.70
YY29574		11.5	2.75	5.64	0.05	0.02	0.06	0.028	0.08	15.6	10.8	0.52	365	0.61	0.02	1.42
YY29575		15.1	2.92	5.51	0.06	0.08	0.07	0.029	0.08	16.1	11.2	0.54	261	0.51	0.02	1.75
YY29576		9.2	2.69	6.00	0.05	0.05	0.06	0.022	0.10	13.8	11.0	0.61	256	0.98	0.02	1.86
YY29577		12.5	3.69	6.38	0.06	0.07	0.06	0.030	0.10	15.7	14.0	0.66	259	0.89	0.02	2.24
YY29578		12.8	1.99	4.94	0.05	0.07	0.10	0.028	0.08	14.9	13.0	0.52	186	0.71	0.02	1.27
YY29579		13.0	2.30	5.26	0.05	0.04	0.07	0.026	0.07	16.6	12.1	0.49	195	0.77	0.01	1.23
YY29580		11.4	2.67	4.95	0.06	0.04	0.04	0.024	0.07	14.6	11.3	0.45	459	0.89	0.01	1.42
YY29581		24.0	3.02	5.19	0.07	0.02	0.14	0.032	0.05	27.9	9.1	0.38	887	1.51	0.01	0.72

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Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	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
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
YY29560		14.2	930	14.7	12.0	<0.001	0.07	0.61	4.4	0.5	0.4	55.7	<0.01	0.02	3.4	0.049
YY29561		17.3	620	13.0	14.4	<0.001	0.03	0.63	5.0	0.4	0.6	35.9	<0.01	0.02	8.6	0.083
YY29562		17.5	910	17.6	19.1	<0.001	0.07	0.91	6.4	0.3	0.5	51.0	<0.01	0.03	4.2	0.053
YY29563		16.8	510	17.0	19.0	<0.001	0.03	0.74	5.3	<0.2	0.7	31.4	<0.01	0.03	5.8	0.071
YY29564		17.0	540	33.9	19.9	<0.001	0.02	0.55	4.9	0.4	0.8	26.9	<0.01	0.03	6.2	0.093
YY29565		16.1	960	32.5	18.7	<0.001	0.08	1.03	5.0	0.4	0.5	56.0	<0.01	0.03	3.2	0.057
YY29566		14.3	990	136.5	23.1	<0.001	0.06	3.62	4.5	0.4	0.6	43.8	<0.01	0.02	2.9	0.050
YY29567		18.5	600	11.2	16.5	<0.001	0.02	0.84	7.3	0.4	0.6	30.4	<0.01	0.03	9.4	0.121
YY29568		14.8	770	13.3	12.4	<0.001	0.04	0.72	4.6	0.4	0.6	30.5	<0.01	0.03	2.6	0.087
YY29569		13.9	750	12.2	12.4	<0.001	0.04	0.68	3.4	0.3	0.6	28.2	<0.01	0.03	1.2	0.061
YY29570		17.8	850	18.3	15.6	<0.001	0.04	1.01	5.3	0.3	0.6	32.3	<0.01	0.04	2.9	0.082
YY29571		15.5	930	10.3	11.1	<0.001	0.06	0.70	3.8	0.3	0.6	33.9	<0.01	0.02	1.3	0.064
YY29572		16.5	630	12.1	14.7	<0.001	0.02	0.83	4.6	0.5	0.6	25.2	<0.01	0.03	6.6	0.096
YY29574		15.6	700	11.0	13.4	<0.001	0.03	0.71	4.4	0.3	0.6	27.4	<0.01	0.01	3.9	0.081
YY29575		16.1	630	12.2	15.6	<0.001	0.03	1.29	5.7	0.4	0.6	29.0	<0.01	0.02	7.8	0.101
YY29576		15.4	790	11.4	15.5	<0.001	0.03	0.80	4.5	<0.2	0.7	31.4	<0.01	0.02	4.8	0.122
YY29577		18.5	750	13.3	20.7	<0.001	0.03	0.96	5.7	0.3	0.8	31.7	<0.01	0.03	8.8	0.121
YY29578		18.4	600	13.8	15.4	<0.001	0.02	1.14	5.3	<0.2	0.4	24.9	<0.01	0.01	6.7	0.069
YY29579		15.2	640	15.5	13.9	<0.001	0.03	0.81	5.2	0.5	0.5	24.3	<0.01	0.01	5.5	0.059
YY29580		15.0	730	8.6	15.6	<0.001	0.02	0.54	4.0	<0.2	0.6	22.1	<0.01	0.02	4.6	0.088
YY29581		18.4	1290	15.5	11.2	<0.001	0.09	0.56	4.7	0.8	0.4	37.7	<0.01	0.03	1.0	0.038

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 16-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211169

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Au-ICP21
	Analyte	Tl	U	V	W	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5	0.001
YY29560		0.14	5.50	55	0.20	11.70	58	1.6	0.004
YY29561		0.13	3.58	61	0.19	8.63	71	2.1	0.005
YY29562		0.18	6.56	62	0.28	13.65	75	1.4	0.004
YY29563		0.20	4.08	65	0.31	7.05	87	1.1	0.005
YY29564		0.20	2.19	77	1.21	7.89	109	1.4	0.005
YY29565		0.17	5.19	60	0.19	11.80	116	1.0	0.007
YY29566		0.21	3.56	56	0.19	10.85	221	0.7	0.061
YY29567		0.16	4.59	80	0.17	9.21	73	5.6	0.005
YY29568		0.16	2.71	66	0.17	6.20	64	0.8	0.007
YY29569		0.16	2.54	64	0.16	5.84	59	<0.5	0.003
YY29570		0.19	2.73	78	0.20	8.45	79	0.9	0.004
YY29571		0.17	2.33	66	0.18	6.14	60	0.7	0.003
YY29572		0.17	2.18	63	0.46	6.18	64	3.0	0.003
YY29574		0.17	2.17	63	0.21	6.16	61	1.1	0.006
YY29575		0.17	3.92	67	0.16	7.58	74	3.6	0.007
YY29576		0.20	1.67	71	0.38	6.45	69	2.1	0.004
YY29577		0.22	3.76	84	0.22	7.08	75	3.1	0.003
YY29578		0.17	3.87	56	0.16	6.29	66	3.1	0.004
YY29579		0.15	3.12	55	0.20	7.62	66	1.9	0.003
YY29580		0.18	1.86	60	3.54	6.78	57	1.7	0.006
YY29581		0.21	9.33	56	0.17	14.25	49	0.7	0.004

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To: **ATAC RESOURCES LTD.**
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1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: Idaho Creek

Finalized Date: 16-NOV-2020
Account: RCM

CERTIFICATE OF ANALYSIS WH20211169

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.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS41

APPENDIX V

DIGITAL COPY OF ROCK SAMPLE DESCRIPTIONS

APPENDIX VI

ROCK SAMPLE CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 21-NOV-2020
Account: RCM

CERTIFICATE WH20211179

Project: Idaho Creek

This report is for 38 Rock samples submitted to our lab in Whitehorse, YT, Canada on 21-SEP-2020.

The following have access to data associated with this certificate:

ANDREW CARNE	ADAM COULTER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	Ultra Trace Aqua Regia ICP-MS	
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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Finalized Date: 21-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211179

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
B0051416		2.54	0.16	0.24	16.2	<0.02	<10	160	0.29	0.14	0.04	7.60	29.4	1.6	6	0.83
B0051417		2.02	0.16	0.29	15.6	<0.02	<10	40	0.26	0.37	0.04	0.07	13.15	0.5	8	0.54
B0051418		2.13	0.05	0.21	25.3	<0.02	<10	50	0.20	0.08	0.05	0.09	30.6	0.7	9	0.83
B0051419		2.14	0.13	0.34	1.2	<0.02	<10	60	0.37	0.10	0.05	0.09	18.70	1.0	11	0.65
B0051420		1.62	3.15	0.27	1120	0.08	<10	290	0.39	0.48	0.04	12.60	20.0	4.3	4	2.38
B0051421		1.14	15.05	0.24	1040	0.34	<10	270	0.39	1.01	0.06	77.8	11.40	3.2	11	1.61
B0051422		1.44	0.24	0.25	19.4	<0.02	<10	60	0.17	1.77	0.04	0.21	7.23	1.0	14	0.48
B0051423		0.72	9.41	0.37	2130	0.87	<10	50	0.30	0.48	0.05	20.9	17.90	5.0	6	1.60
B0051424		1.51	0.09	2.97	4.8	<0.02	<10	750	0.26	0.91	1.82	0.11	32.3	10.8	48	3.65
B0051425		1.25	0.09	0.15	5.1	<0.02	<10	50	0.10	0.10	0.03	0.06	7.28	0.5	11	0.58
B0051426		0.79	31.9	0.34	563	0.13	10	750	0.39	0.10	0.05	11.20	11.95	6.5	10	0.89
B0051427		0.73	8.06	0.32	345	0.03	<10	1170	1.16	0.30	0.04	5.21	26.4	3.4	8	0.99
B0051428		1.22	0.58	0.11	37.0	<0.02	<10	60	0.09	2.62	0.01	0.25	2.21	0.5	22	0.25
B0051429		1.22	76.6	0.14	846	0.16	<10	160	0.44	0.07	0.07	3.30	11.45	4.3	11	1.25
B0051430		1.54	18.75	0.18	638	0.09	<10	150	1.34	0.05	2.54	1.70	12.05	3.4	7	1.40
B0051431		1.22	43.4	0.15	902	0.72	<10	70	0.30	0.05	0.04	1.23	12.15	2.7	15	1.49
B0051432		0.75	52.6	0.13	1020	0.20	<10	70	0.32	0.06	0.04	2.00	9.15	3.4	12	1.22
B0051433		0.56	8.46	0.14	477	0.09	<10	70	0.70	0.03	5.15	0.80	9.31	1.9	7	0.96
B0051434		1.23	19.05	0.17	719	0.12	<10	130	0.42	0.06	0.54	2.10	10.45	3.3	10	1.27
B0051435		1.14	63.4	0.16	1330	0.15	<10	160	0.56	0.08	5.55	3.00	15.50	2.2	3	1.77
B0051436		1.45	8.10	0.11	527	0.06	<10	40	0.50	0.04	3.11	0.97	8.35	1.9	13	1.04
B0051437		1.84	0.14	0.14	3.6	<0.02	<10	20	0.18	0.04	0.39	0.09	3.56	0.3	12	0.81
B0051438		1.07	0.50	0.26	14.5	<0.02	<10	40	0.14	0.34	0.02	0.32	10.65	0.7	9	0.74
B0051439		1.90	0.19	0.89	43.8	<0.02	<10	250	0.65	0.07	2.83	3.80	39.6	9.6	7	3.18
B0051440		1.04	2.52	0.51	657	0.07	<10	220	0.52	0.08	2.19	14.10	32.1	7.6	7	2.03
K293751		1.65	0.04	2.63	2.4	<0.02	<10	590	0.27	0.05	1.21	0.09	29.7	7.7	8	4.93
K293753		0.85	0.04	1.36	2.4	<0.02	<10	330	0.28	0.11	0.35	0.08	42.2	6.3	10	4.95
K293754		2.48	0.03	1.03	1.3	<0.02	<10	240	0.26	0.06	0.45	0.05	40.8	6.1	11	1.15
K293755		3.03	0.06	1.33	0.9	<0.02	<10	290	0.21	0.23	0.47	0.04	37.9	6.7	11	3.30
K293756		1.59	0.03	1.79	1.1	<0.02	<10	280	0.27	0.07	1.09	0.11	40.0	7.3	11	3.16
K293757		1.56	0.03	2.16	1.2	<0.02	<10	820	0.28	0.06	0.86	0.10	40.3	8.1	14	3.65
K293758		1.52	0.02	1.59	1.0	<0.02	<10	380	0.31	0.07	0.40	0.08	27.9	8.4	10	3.49
K293820		1.52	0.03	1.23	0.7	<0.02	<10	300	0.16	0.06	0.41	0.06	37.5	5.7	11	3.58
K293821		2.81	0.02	1.43	0.8	<0.02	<10	390	0.24	0.05	0.55	0.07	45.1	6.3	12	2.72
K293822		1.41	0.01	0.33	1.5	<0.02	<10	60	0.11	0.08	0.04	0.02	30.4	0.6	7	2.63
K293823		2.17	0.02	0.21	1.6	<0.02	<10	40	0.16	0.04	0.03	0.17	21.0	0.4	6	0.88
K293824		3.92	0.08	2.42	0.7	<0.02	<10	820	0.29	0.22	0.98	0.06	27.8	8.6	13	4.12
K293825		6.11	0.05	1.50	0.7	<0.02	<10	210	0.30	0.12	1.07	0.09	38.8	7.6	10	2.56

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

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To: **ATAC RESOURCES LTD.**
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Finalized Date: 21-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211179

Sample Description	Method	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
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
B0051416		58.9	0.62	0.84	<0.05	0.30	0.02	0.005	0.12	13.5	0.5	0.01	3500	31.7	0.03	0.16
B0051417		21.6	0.87	0.82	<0.05	0.37	0.03	<0.005	0.14	5.2	0.5	0.01	93	2.19	0.05	1.22
B0051418		13.5	0.75	0.77	<0.05	0.43	<0.01	<0.005	0.13	15.2	0.5	0.01	89	22.3	0.04	0.39
B0051419		63.0	1.13	1.10	<0.05	0.31	<0.01	0.005	0.15	7.0	1.9	0.03	146	2.62	0.06	0.15
B0051420		11.0	2.02	0.89	<0.05	0.09	0.77	0.023	0.19	10.8	0.5	0.01	2820	12.40	<0.01	<0.05
B0051421		14.3	1.49	0.82	<0.05	0.09	2.17	0.042	0.15	6.0	0.5	0.02	5370	7.15	<0.01	<0.05
B0051422		48.2	1.15	0.75	<0.05	0.22	0.01	0.007	0.14	2.6	0.5	0.01	111	158.0	0.05	0.41
B0051423		19.3	3.99	1.14	<0.05	0.08	0.70	0.029	0.14	9.1	1.0	0.04	3160	3.90	<0.01	0.07
B0051424		25.2	3.66	8.11	0.08	0.24	0.01	0.015	0.64	17.1	11.3	1.03	520	2.59	0.35	0.48
B0051425		7.9	0.67	0.41	<0.05	0.15	0.02	<0.005	0.10	3.0	0.2	0.01	151	36.6	0.03	0.14
B0051426		11.7	2.92	1.05	<0.05	0.07	0.30	0.015	0.11	6.4	1.3	0.02	8480	6.51	<0.01	0.05
B0051427		14.8	4.09	1.01	<0.05	0.08	0.68	0.008	0.15	15.0	0.7	0.02	10300	14.15	<0.01	0.07
B0051428		8.0	1.11	0.35	<0.05	0.02	0.06	<0.005	0.08	1.1	0.2	<0.01	538	2.56	<0.01	0.06
B0051429		28.3	3.45	0.47	<0.05	0.08	0.17	<0.005	0.07	7.5	1.0	0.02	2880	5.28	<0.01	<0.05
B0051430		16.6	6.42	0.73	<0.05	0.09	0.10	<0.005	0.09	7.9	0.7	0.43	12950	6.02	<0.01	<0.05
B0051431		14.6	2.32	0.45	<0.05	0.07	0.11	<0.005	0.08	8.1	0.5	0.01	969	2.83	<0.01	0.05
B0051432		22.5	3.52	0.49	<0.05	0.06	0.13	<0.005	0.07	5.7	0.6	0.01	3620	4.35	<0.01	<0.05
B0051433		6.9	3.64	0.58	<0.05	0.07	0.07	<0.005	0.07	5.9	0.4	0.74	10250	2.61	<0.01	<0.05
B0051434		8.7	3.29	0.57	<0.05	0.10	0.12	<0.005	0.09	6.9	0.6	0.04	4590	4.87	<0.01	0.05
B0051435		7.1	3.98	0.73	<0.05	0.09	0.10	<0.005	0.10	9.5	0.3	0.31	16650	2.26	<0.01	<0.05
B0051436		4.2	2.90	0.48	<0.05	0.06	0.07	<0.005	0.06	5.0	0.5	0.32	8430	2.98	<0.01	<0.05
B0051437		4.1	0.62	0.32	<0.05	0.06	0.06	<0.005	0.10	2.0	0.4	0.01	180	0.97	0.01	0.10
B0051438		16.0	0.92	0.62	<0.05	0.39	0.05	<0.005	0.16	4.3	0.5	0.01	234	0.84	0.03	0.12
B0051439		6.6	3.29	2.81	<0.05	0.27	0.09	0.027	0.30	21.1	2.9	0.34	1320	0.39	0.01	0.06
B0051440		8.5	3.13	1.23	<0.05	0.18	0.04	0.056	0.33	17.9	0.7	0.09	5760	1.51	<0.01	<0.05
K293751		2.4	3.30	7.68	0.08	0.59	0.01	0.019	0.70	16.4	14.3	0.86	581	0.79	0.29	0.37
K293753		1.7	2.78	4.99	0.07	0.16	0.01	0.021	0.62	22.4	8.2	0.50	595	0.51	0.16	0.66
K293754		2.2	2.51	4.37	0.08	0.59	0.01	0.015	0.17	21.8	12.0	0.53	493	0.67	0.11	0.46
K293755		2.4	2.67	5.18	0.10	0.15	0.01	0.014	0.51	22.7	16.5	0.66	589	0.63	0.14	0.43
K293756		4.9	3.03	6.12	0.08	0.11	0.01	0.015	0.19	21.1	10.5	0.64	662	1.08	0.18	0.46
K293757		2.2	3.16	6.63	0.10	0.70	0.03	0.020	0.75	21.3	12.1	0.70	712	1.85	0.27	0.42
K293758		2.9	3.01	5.82	0.07	0.19	0.01	0.028	0.44	12.6	11.9	0.69	728	0.35	0.16	0.49
K293820		1.6	2.54	4.70	0.09	0.21	<0.01	0.015	0.53	22.2	8.9	0.55	603	0.50	0.15	0.43
K293821		3.0	2.58	5.23	0.10	0.36	<0.01	0.018	0.59	27.2	17.2	0.65	568	0.84	0.18	0.60
K293822		5.1	1.62	2.54	0.05	0.11	<0.01	0.013	0.19	14.0	3.1	0.02	446	0.75	0.05	1.36
K293823		1.6	0.99	0.98	<0.05	0.26	1.21	0.007	0.12	8.9	0.5	0.01	189	0.40	0.04	0.43
K293824		9.2	3.37	6.99	0.09	0.32	0.01	0.022	0.75	14.7	12.6	0.79	607	0.47	0.29	0.95
K293825		1.2	3.04	5.56	0.08	0.19	0.01	0.020	0.29	22.5	9.1	0.83	668	0.81	0.09	0.13

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CERTIFICATE OF ANALYSIS WH20211179

Sample Description	Method	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
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
B0051416		2.1	60	10.7	5.7	0.001	<0.01	8.38	0.8	0.3	<0.2	8.9	<0.01	0.02	23.0	<0.005
B0051417		1.3	20	10.2	6.1	<0.001	0.01	6.48	0.3	0.2	<0.2	3.8	<0.01	0.02	45.4	<0.005
B0051418		1.1	70	9.2	6.6	0.001	0.02	0.45	0.9	<0.2	<0.2	4.7	<0.01	0.01	21.5	<0.005
B0051419		1.8	60	11.1	8.4	<0.001	0.03	0.44	1.2	0.2	0.3	4.9	<0.01	0.01	22.2	<0.005
B0051420		1.6	230	183.5	10.1	<0.001	0.46	21.0	2.2	<0.2	0.4	13.0	<0.01	0.03	4.9	<0.005
B0051421		1.6	100	1115	7.8	<0.001	0.75	50.1	1.6	0.3	0.5	14.6	<0.01	0.08	3.6	<0.005
B0051422		1.3	40	13.5	6.3	0.009	0.01	5.18	0.5	<0.2	<0.2	4.6	<0.01	0.11	32.4	<0.005
B0051423		3.6	180	587	8.3	0.001	2.22	44.5	2.5	<0.2	0.5	10.4	<0.01	0.02	7.2	<0.005
B0051424		13.5	1380	6.2	41.7	0.001	0.08	0.23	4.4	0.3	0.7	199.5	<0.01	0.01	8.8	0.253
B0051425		1.3	20	5.3	4.5	0.001	0.02	0.85	0.4	<0.2	<0.2	3.3	<0.01	0.01	13.0	<0.005
B0051426		6.0	190	1555	5.5	0.001	0.26	24.3	3.1	<0.2	1.2	25.7	<0.01	0.01	4.7	<0.005
B0051427		3.3	130	132.0	8.1	<0.001	0.09	13.55	2.5	0.2	0.4	24.8	<0.01	0.01	8.7	<0.005
B0051428		1.7	10	19.2	3.8	<0.001	0.01	4.87	0.3	<0.2	<0.2	1.5	<0.01	0.08	1.7	<0.005
B0051429		5.6	60	2610	3.4	<0.001	1.23	46.1	1.5	0.4	0.5	16.3	<0.01	<0.01	4.2	<0.005
B0051430		5.0	90	457	4.3	<0.001	0.49	15.15	5.7	<0.2	0.4	70.2	<0.01	<0.01	4.6	<0.005
B0051431		4.2	60	908	3.8	<0.001	0.45	24.1	1.1	0.2	0.4	7.7	<0.01	<0.01	4.3	<0.005
B0051432		4.9	50	1945	3.3	<0.001	1.14	36.8	1.3	<0.2	0.6	15.2	<0.01	<0.01	3.8	<0.005
B0051433		3.2	50	204	3.3	<0.001	0.50	9.93	3.4	0.2	0.3	53.2	<0.01	0.01	4.4	<0.005
B0051434		5.4	50	890	3.9	<0.001	0.44	17.10	2.3	<0.2	0.3	24.1	<0.01	<0.01	6.0	<0.005
B0051435		2.5	80	1310	5.3	<0.001	0.79	59.4	3.2	0.2	0.4	66.2	<0.01	0.01	6.7	<0.005
B0051436		3.8	40	296	3.3	<0.001	0.38	16.50	1.7	0.2	0.2	36.9	<0.01	<0.01	3.4	<0.005
B0051437		0.9	<10	7.0	4.7	<0.001	0.01	1.03	0.1	<0.2	<0.2	12.3	<0.01	<0.01	4.8	<0.005
B0051438		1.5	10	24.7	8.5	<0.001	0.02	4.03	0.2	<0.2	<0.2	3.4	<0.01	0.01	17.3	<0.005
B0051439		6.0	860	10.3	18.3	<0.001	0.26	2.61	7.3	<0.2	0.2	102.5	<0.01	<0.01	11.9	0.015
B0051440		10.4	770	174.0	15.6	<0.001	1.05	4.74	4.2	<0.2	0.3	80.5	<0.01	<0.01	12.4	<0.005
K293751		2.5	620	4.1	45.3	<0.001	0.02	0.19	6.4	<0.2	0.7	107.0	<0.01	<0.01	9.0	0.150
K293753		2.8	360	5.9	54.9	<0.001	0.02	0.66	6.2	0.2	1.2	29.8	<0.01	0.01	20.5	0.125
K293754		4.0	670	6.7	9.7	<0.001	0.01	0.27	3.5	<0.2	0.6	35.4	<0.01	<0.01	14.9	0.080
K293755		2.7	380	4.8	45.4	<0.001	0.02	0.20	3.9	<0.2	0.9	29.3	<0.01	<0.01	16.6	0.146
K293756		4.5	1180	6.9	13.2	<0.001	0.02	0.16	3.9	<0.2	0.6	120.5	0.01	<0.01	11.0	0.109
K293757		5.1	610	4.7	54.7	<0.001	0.01	0.09	5.7	0.2	0.9	87.8	<0.01	<0.01	12.9	0.189
K293758		3.2	450	4.4	33.2	<0.001	0.01	0.56	6.9	<0.2	1.0	32.8	<0.01	<0.01	14.9	0.101
K293820		2.5	330	5.4	46.3	<0.001	0.01	0.11	4.5	0.2	0.9	29.0	<0.01	<0.01	24.6	0.126
K293821		2.8	430	6.8	52.0	<0.001	0.02	0.10	5.0	0.2	1.1	40.5	<0.01	<0.01	20.1	0.154
K293822		1.1	40	7.0	15.6	<0.001	0.01	0.54	2.1	<0.2	0.7	4.0	<0.01	<0.01	14.5	0.009
K293823		1.0	30	5.8	6.1	<0.001	0.01	0.28	1.0	<0.2	0.3	3.1	<0.01	<0.01	12.2	<0.005
K293824		4.6	800	3.8	49.7	<0.001	0.02	0.13	6.2	0.2	0.7	104.5	<0.01	<0.01	10.7	0.194
K293825		2.3	450	6.0	22.2	<0.001	0.01	0.14	7.0	<0.2	0.6	38.0	<0.01	<0.01	19.7	0.054

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CERTIFICATE OF ANALYSIS WH20211179

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	Analyte	Tl	U	V	W	Y	Zn	Zr	Au	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
	LOD	0.02	0.05	1	0.05	0.05	2	0.5	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B0051416		0.09	11.75	2	0.08	9.37	362	6.8	<0.005	75.6	13.00	0.98	0.78	0.05	2.41	5.61
B0051417		0.06	7.79	1	0.15	7.42	11	5.7	<0.005	75.9	12.75	1.27	0.66	0.04	3.09	4.62
B0051418		0.05	5.06	2	0.13	8.41	13	11.1	<0.005	74.9	13.30	1.16	0.93	0.04	2.69	5.64
B0051419		0.08	6.83	5	0.06	6.91	9	7.7	<0.005	75.6	13.00	1.69	0.95	0.08	2.74	5.14
B0051420		0.27	2.38	6	0.38	5.68	899	3.3	0.078	82.9	8.02	3.44	0.07	0.27	0.06	2.23
B0051421		0.26	4.88	4	0.31	4.43	4410	3.3	0.361	88.2	4.95	2.37	0.11	0.17	0.04	1.32
B0051422		0.05	7.89	4	0.36	4.99	17	5.5	<0.005	77.4	12.50	1.74	0.88	0.02	2.70	4.91
B0051423		0.38	3.06	10	0.25	3.95	1280	2.5	0.981	80.1	7.31	5.92	0.23	0.22	0.27	1.64
B0051424		0.44	1.45	85	0.27	7.68	54	6.6	<0.005	58.9	16.75	7.29	6.00	3.41	3.28	2.38
B0051425		0.06	17.55	1	0.19	3.55	5	2.5	<0.005	87.0	7.32	1.03	0.21	0.04	1.67	2.89
B0051426		0.37	5.11	12	0.25	7.36	1160	2.8	0.135	86.5	4.46	4.15	0.09	0.11	0.05	0.96
B0051427		0.65	10.70	7	0.42	12.70	622	4.0	0.050	83.7	5.31	5.93	0.08	0.17	0.05	1.39
B0051428		0.05	1.52	1	0.42	1.72	33	0.7	0.007	96.5	2.19	1.65	0.02	0.03	0.04	1.00
B0051429		0.49	4.97	6	0.12	8.25	296	3.0	0.185	89.1	2.94	4.99	0.11	0.09	0.04	0.58
B0051430		0.31	8.12	14	0.36	27.5	226	3.7	0.107	73.7	3.07	9.45	3.69	0.86	0.04	0.69
B0051431		0.26	4.19	3	0.13	4.16	173	3.1	0.173	90.7	3.32	3.42	0.07	0.08	0.04	0.70
B0051432		0.27	4.29	6	0.10	5.52	248	2.5	0.281	89.9	2.66	5.16	0.07	0.07	0.05	0.60
B0051433		0.18	5.21	15	0.16	19.00	79	2.9	0.101	72.1	2.68	5.22	7.39	1.30	0.04	0.56
B0051434		0.31	4.46	12	0.13	11.80	212	2.9	0.129	86.7	3.82	4.73	0.74	0.15	0.04	0.97
B0051435		0.18	5.93	10	0.17	17.85	206	3.5	0.165	68.6	3.69	5.79	8.20	0.64	0.02	0.87
B0051436		0.20	3.60	8	0.14	10.90	98	2.4	0.070	81.1	2.27	4.13	4.28	0.60	0.04	0.54
B0051437		0.06	2.81	1	0.06	5.47	9	1.1	<0.005	88.8	5.57	0.93	0.54	0.03	0.42	2.81
B0051438		0.09	8.68	1	0.11	3.78	36	7.1	<0.005	78.4	10.85	1.41	0.09	0.08	1.71	4.66
B0051439		0.35	6.46	38	0.17	12.35	462	12.2	0.009	60.2	15.55	5.10	4.03	0.78	0.58	3.01
B0051440		0.26	2.60	15	0.07	12.60	1380	7.4	0.070	62.4	15.35	4.88	3.00	0.67	0.08	4.81
K293751		0.38	1.57	71	0.06	8.90	73	19.7	<0.005	65.0	16.30	5.57	4.33	1.87	3.08	2.48
K293753		0.43	4.14	49	0.20	9.88	45	4.1	<0.005	70.0	15.00	4.22	2.89	0.96	3.12	2.93
K293754		0.08	2.59	42	0.31	8.26	42	15.3	<0.005	67.9	15.35	4.26	3.08	1.22	3.25	3.65
K293755		0.37	4.92	54	0.30	6.98	46	2.2	<0.005	68.0	14.80	4.58	3.41	1.41	3.02	3.01
K293756		0.15	2.01	52	0.40	10.45	56	7.6	<0.005	64.5	16.10	5.43	4.09	1.80	3.34	3.25
K293757		0.47	2.09	62	0.20	9.38	59	23.7	<0.005	66.1	15.70	5.37	3.95	1.67	3.13	2.99
K293758		0.26	2.62	65	0.16	6.45	50	3.1	<0.005	68.5	15.50	4.72	3.12	1.28	3.17	2.68
K293820		0.36	2.46	51	0.11	7.46	44	3.7	<0.005	70.4	14.70	4.21	2.99	1.19	3.00	3.67
K293821		0.40	3.01	57	0.15	8.65	43	9.6	<0.005	68.6	14.80	4.24	3.32	1.38	3.02	3.40
K293822		0.16	1.78	1	0.16	4.52	19	2.8	<0.005	76.7	12.75	2.52	0.76	0.06	3.58	4.22
K293823		0.06	1.31	1	0.05	2.36	19	6.5	<0.005	77.6	12.95	1.55	0.54	0.02	3.42	4.69
K293824		0.47	1.48	77	0.13	7.54	56	9.7	<0.005	63.3	16.55	6.14	4.73	2.03	2.99	2.40
K293825		0.20	3.73	60	0.05	9.23	53	3.7	<0.005	68.0	15.05	4.69	3.19	1.54	3.00	2.98

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

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To: **ATAC RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Finalized Date: 21-NOV-2020
Account: RCM

Project: Idaho Creek

CERTIFICATE OF ANALYSIS WH20211179

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
	Analyte	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%
	LOD	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B0051416		0.002	0.05	0.45	0.02	0.01	0.09	0.77	99.82
B0051417		0.002	0.03	0.01	<0.01	<0.01	0.02	0.55	98.94
B0051418		0.003	0.05	0.01	0.02	0.01	0.11	0.50	99.36
B0051419		0.003	0.06	0.02	0.01	0.01	0.08	0.53	99.91
B0051420		0.002	0.29	0.38	0.07	<0.01	0.10	2.65	100.48
B0051421		0.003	0.12	0.70	0.02	0.01	0.34	2.21	100.56
B0051422		0.003	0.05	0.02	<0.01	0.01	0.07	0.80	101.10
B0051423		0.002	0.17	0.43	0.06	<0.01	0.12	3.85	100.32
B0051424		0.011	0.77	0.14	0.34	0.08	0.24	1.18	100.77
B0051425		0.006	0.02	0.02	0.02	0.01	0.08	0.36	100.68
B0051426		0.003	0.10	1.07	0.05	0.01	0.27	2.60	100.42
B0051427		0.002	0.08	1.32	0.05	<0.01	0.15	3.17	101.40
B0051428		0.004	0.01	0.07	0.01	<0.01	0.02	0.17	101.71
B0051429		0.004	0.05	0.38	0.01	<0.01	0.04	2.37	100.70
B0051430		0.002	0.05	1.84	0.04	0.01	0.03	5.61	99.08
B0051431		0.003	0.06	0.13	0.02	<0.01	0.02	1.78	100.34
B0051432		0.002	0.05	0.48	0.02	<0.01	0.02	2.15	101.23
B0051433		0.002	0.05	1.37	0.02	0.01	0.02	8.50	99.26
B0051434		0.003	0.06	0.60	0.02	<0.01	0.03	2.39	100.25
B0051435		<0.002	0.07	2.24	0.02	0.01	0.03	8.05	98.23
B0051436		0.004	0.03	1.12	0.01	0.01	0.02	4.85	99.00
B0051437		0.002	0.01	0.02	<0.01	<0.01	0.01	0.83	99.97
B0051438		0.002	0.04	0.03	0.01	<0.01	0.04	0.85	98.17
B0051439		0.003	0.53	0.18	0.20	0.02	0.19	7.77	98.14
B0051440		0.006	0.52	0.78	0.18	0.01	0.15	5.23	98.07
K293751		0.002	0.58	0.10	0.15	0.05	0.23	1.46	101.20
K293753		0.002	0.36	0.08	0.09	0.03	0.18	1.13	100.99
K293754		0.002	0.39	0.08	0.17	0.05	0.24	0.93	100.57
K293755		0.003	0.38	0.10	0.09	0.03	0.17	0.74	99.74
K293756		0.002	0.53	0.12	0.28	0.07	0.24	1.23	100.98
K293757		0.003	0.49	0.12	0.15	0.05	0.25	0.78	100.75
K293758		0.002	0.43	0.10	0.12	0.04	0.15	1.39	101.20
K293820		0.002	0.33	0.10	0.07	0.03	0.17	0.67	101.53
K293821		0.004	0.38	0.09	0.10	0.03	0.18	0.87	100.41
K293822		0.002	0.04	0.08	0.03	0.01	0.13	0.37	101.25
K293823		<0.002	0.02	0.03	0.01	0.01	0.08	0.60	101.52
K293824		0.003	0.59	0.11	0.18	0.05	0.21	1.36	100.64
K293825		0.002	0.43	0.09	0.12	0.04	0.18	2.42	101.73

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

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Project: Idaho Creek

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CERTIFICATE OF ANALYSIS WH20211179

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	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA23	ME-ICP06	ME-MS41	OA-GRA05
TOT-ICP06			